#### TOWN OF FLORENCE REGULAR MEETING AGENDA

Mayor Tara Walter
Vice-Mayor Vallarie Woolridge
Councilmember Bill Hawkins
Councilmember Becki Guilin
Councilmember John Anderson
Councilmember Karen Wall
Councilmember Kristen Larsen



Florence Town Hall 775 N. Main Street Florence, AZ 85132 (520) 868-7500 www.florenceaz.gov Meet 1st and 3rd Mondays

Monday, August 7, 2017

6:00 PM

Pursuant to A.R.S. § 38-431.02, notice is hereby given to the Town of Florence Council and to the general public that a Regular Meeting of the Florence Town Council will be held on Monday, August 7, 2017, at 6:00 p.m., in the Florence Town Council Chambers, located at 775 N. Main Street, Florence, Arizona. The agenda for this meeting is as follows:

- 1. CALL TO ORDER
- 2. ROLL CALL: Walter \_\_, Woolridge\_\_, Hawkins\_\_, Guilin\_\_, Anderson\_\_, Wall\_\_\_\_, Larsen\_\_\_.
- 3. MOMENT OF SILENCE
- 4. PLEDGE OF ALLEGIANCE
- 5. CALL TO THE PUBLIC

Call to the Public for public comment on issues within the jurisdiction of the Town Council. Council rules limit public comment to three minutes. Individual Councilmembers may respond to criticism made by those commenting, may ask staff to review a matter raised or may ask that a matter be put on a future agenda. However, members of the Council shall not discuss or take action on any matter during an open call to the public unless the matters are properly noticed for discussion and legal action.

#### 6. ADJOURN TO MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1

a. Ordinance No. MRCFD1 114-17: Second reading and Discussion/Approval/Disapproval of AN ORDINANCE OF THE MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT NO. 1 SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30th DAY OF JUNE 2018, AND DECLARING AN EMERGENCY. (Joe Jarvis)

Roll Call Vote:	Walter _	_, Woolridge	_, Hawkins	_, Guilin	_, Anderson_	,
	Wall	_, Larsen				

#### 7. ADJOURN FROM MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1

#### 8. ADJOURN TO MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2

a. Ordinance No. MRCFD2 213-17; Second reading and Discussion/Approval/Disapproval of AN ORDINANCE OF THE MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT NO. 2 SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30th DAY OF JUNE 2018, AND DECLARING AN EMERGENCY. (Joe Jarvis)

Roll Call Vote:	Walter _	, Woolridge	_, Hawkins_	_, Guilin_	_, Anderson_	
	Wall	, Larsen				

#### 9. ADJOURN FROM MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2

- 10. CONSENT: All items on the consent agenda will be handled by a single vote as part of the consent agenda, unless a Councilmember or a member of the public objects at the time the agenda item is called.
  - a. Acceptance of the Joint Use Agreement for right-of-way access between the United States of America/Bureau of Indian Affairs/San Carlos Irrigation Project, and the Town of Florence, for certain portions of Diversion Dam Road. (Chris Salas)
  - b. Approval of accepting the register of demands ending June 30, 2017, in the amount of \$3,499,812.76. (Joe Jarvis)

#### 11. UNFINISHED BUSINESS

a. Ordinance No. 657-17: Second reading and Discussion/Approval/Disapproval of AN ORDINANCE OF THE TOWN OF FLORENCE, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE TOWN OF FLORENCE, SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR GENERAL MUNICIPAL EXPENSES FOR THE FISCAL YEAR ENDING THE 30<sup>th</sup> DAY OF JUNE 2018, AND DECLARING AN EMERGENCY. (Joe Jarvis)

Roll Call Vote:	Walter	_, Woolridge_	_, Hawkins_	_, Guilin	_, Anderson_	,
		, Larsen .				

- b. Discussion/Approval/Disapproval of the Gila River Cellular General Partnership, doing business as Verizon Wireless, Master Agreement with the Town of Florence for use of Town property in connection with Verizon's operation of its small cell wireless network (Chris Salas)
  - i. Approval of Site Supplement No. 1 License.

- ii. Approval of Site Supplement No. 2 License.
- iii. Approval of Site Supplement No. 3 License.

#### 12. NEW BUSINESS

- a. Discussion/Approval/Disapproval of authorizing staff to commence Development Agreement negotiations with Startup Pavilion, LLC, dba Innovation Pavilion, and other associated parties that may enter into a Development Agreement with the Town of Florence for the proposed development of an innovation campus. (Brent Billingsley)
- b. Discussion/Approval/Disapproval to contract with Cactus Asphalt, a division of Cactus Transport, Inc., through a Pinal County Cooperative Contract, to perform hot mix asphalt repairs to various roads, in an amount not to exceed \$311,504.00. (Chris Salas)

#### 13. MANAGER'S REPORT

#### 14. DEPARTMENT REPORTS

- a. Community Services
- b. Courts
- c. Development Services
- d. Finance
- e. Fire
- f. Police

#### 15. CALL TO THE PUBLIC

#### 16. CALL TO THE COUNCIL - CURRENT EVENTS ONLY

#### 17. ADJOURN TO EXECUTIVE SESSION

An Executive Session will be held during the Council Meeting for the purposes of discussions or consultations with designated representatives of the public body and/or legal counsel pursuant to A.R.S. Sections 38-431.03 (A)(3), (A)(4) and (A)(7) to consider its position and instruct its representatives and/or attorneys regarding:

- a. Town's position and instruct its attorneys regarding the Petition for Review of Underground Injection Control Permit Issued by USEPA Region 9 for the Florence Copper Project, UIC Appeal 17-03, and related proceedings.
- b. Town's position and instruct its attorneys regarding Arizona Department of Environmental Quality proceedings, related Water Quality Appeals Board Case No. 16-002, including appellate proceedings to reviewing courts.
- c. Town's position and instruct its attorneys regarding pending litigation in Maricopa County Superior Court: Town of Florence v. Florence Copper, Inc. CV2015 -000325.
- d. Possible discussions with government agencies and private entities involving the purchase, sale or lease of real property and other property related to the Town of Florence's water and wastewater systems, including upgrades, expansions, contracts, and/or settlement discussions related thereto.

- e. Possible discussions and contract negotiations with Startup Pavilion, LLC dba: Innovation Pavilion and other associated parties for the proposed development of an innovation campus project.
- f. Possible discussions and contract negotiations related to the Town's purchase of water credits.

#### 18. ADJOURN FROM EXECUTIVE SESSION

#### 19. ADJOURNMENT

Council may go into Executive Session at any time during the meeting for the purpose of obtaining legal advice from the Town's Attorney(s) on any of the agenda items pursuant to A.R.S. § 38-431.03(A)(3).

POSTED ON AUGUST 3, 2017, BY MARIA HERNANDEZ, DEPUTY TOWN CLERK, AT 775 NORTH MAIN STREET, FLORENCE, ARIZONA, AND AT WWW.FLORENCEAZ.GOV.

\*\*\*PURSUANT TO TITLE II OF THE AMERICANS WITH DISABILITIES ACT (ADA), THE TOWN OF FLORENCE DOES NOT DISCRIMINATE ON THE BASIS OF DISABILITY REGARDING ADMISSION TO PUBLIC MEETINGS. PERSONS WITH A DISABILITY MAY REQUEST REASONABLE ACCOMMODATIONS BY CONTACTING THE TOWN OF FLORENCE ADA COORDINATOR, AT (520) 868-7574 OR (520) 868-7502 TDD. REQUESTS SHOULD BE MADE AS EARLY AS POSSIBLE TO ALLOW TIME TO ARRANGE THE ACCOMMODATION.\*\*\*



# MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1 ACTION FORM

<u>AGENDA</u>	ľ	T	Ε	N	1
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ARIZONA	DISTRICT NO. 1 ACTION FORM	6a.
MEETING DATE: Augu	ust 7, 2017	□ Action     □ Information Only
<b>DEPARTMENT:</b> Finar	☐ Public Hearing ☐ Resolution ☐ Ordinance	
STAFF PRESENTER:	☐ Regulatory ☐ 1st Reading	
SUBJECT: Second rea MRCFD1 114-17 Levy	☑ 2 <sup>nd</sup> Reading ☐ Other	
		omic Prosperity ansportation and Infrastructure

#### **RECOMMENDED MOTION/ACTION:**

Second reading and adoption of Ordinance No. MRCFD1 114-17: AN ORDINANCE OF MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT, SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30<sup>th</sup> DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

#### BACKGROUND/DISCUSSION:

The District Board has authorized a secondary property tax levy for the payment of debt service, infrastructure and operations and maintenance of Community Facilities District No. 1. The current property tax rate is \$3.55 per \$100 of Net Assessed Valuation (NAV).

The estimates for Budget Year 2017-2018 have been determined. This year's budget includes anticipated revenues from assessments and secondary tax. Expenditures are included along with anticipated debt service and administrative expenses.

The immediate operation of the ordinance is necessary for the preservation of the public peace, health, and safety of the District, and an emergency is hereby declared to exist; and this ordinance shall be in full force and effect from its passage and publication as required by the laws of the State of Arizona, and is hereby exempt from the referendum provisions of the constitution and laws of the State of Arizona.

#### A VOTE OF NO WOULD MEAN:

The MRCFD1 Levy will not be set for FY 2017-2018.

#### A VOTE OF YES WOULD MEAN:

The MRCFD1 Levy will be set for FY 2017-2018.

#### **FINANCIAL IMPACT:**

Total collections in revenues and prior year fund balance and bond proceeds are anticipated to fund all expenditures. A secondary tax of \$3.25 per \$100/NAV, estimated at \$736,384, for debt service and an operations and maintenance levy of \$0.30 per \$100/NAV, estimated at \$67,974, will be levied on this District, for a total of \$3.55 per \$100/NAV, or \$804,358.

#### **ATTACHMENTS:**

Ordinance No. MRCFD1 114-17

#### **MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1**

#### ORDINANCE NO. MRCFD1 114-17

AN ORDINANCE OF MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 1, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT NO. 1 SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30th DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

**WHEREAS,** by the provision of State Law, the ordinance levying a secondary property tax rate for the Fiscal Year 2017-2018 is required to be adopted no later than the third Monday in August; and

**WHEREAS**, the County of Pinal is now the assessing and collecting authority for the Merrill Ranch Community Facilities District No. 1, the District Clerk is hereby directed to transmit a certified copy of the ordinance to the Assessor and Board of Supervisors of Pinal County, Arizona;

**NOW, THEREFORE, BE IT ORDAINED** by the District Board of Merrill Ranch Community Facilities District No. 1, as follows:

**Section 1:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Merrill Ranch Community Facilities District No. 1, except such property as may by law be exempt from taxation, a secondary property tax rate of \$3.25 on each \$100 of Net Assessed Valuation (NAV), for the purpose of providing debt service and enhanced municipal services, and \$0.30 on each \$100/NAV for operations and maintenance of the District, for a combined rate of \$3.55 on each \$100/NAV for the Fiscal Year ending on the 30<sup>th</sup> day of June, 2018, but if the said sum exceeds the maximum levy allowed by law, the Board of Supervisors of Pinal County is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 2:** No failure by the officials of Pinal County, Arizona, to properly return the delinquent list and no irregularity in the assessment or commission in the same, or irregularity of any kind in any proceeding will invalidate such proceeding or invalidate any title conveyed by tax deed; nor will any failure or neglect of any officer or officers to perform any of the duties assigned to him or to them on the day within the time specified work an invalidation of any proceedings or of any such deed or sale or affect the validity of the assessment of a levy of taxes or of the judgment of sale by which the collection of the same may be enforced or in any manner affect the lien of the Town upon such property for the delinquent unpaid taxes thereon, and no overcharge as to part of the

taxes or of costs will invalidate any of the proceeding upon the lien therefore, or a sale of the property under such foreclosure; and all acts of officers de facto will be valid as if performed by officer de jure.

**Section 3:** All ordinances and parts of ordinances in conflict herewith are hereby repealed.

**Section 4:** The immediate operation of the ordinance is necessary for the preservation of the public peace, health, and safety of the Merrill Ranch Community Facilities District No. 1, and an emergency is hereby declared to exist; and this ordinance shall be in full force and effect from its passage and approval by the District Board and publication as required by the laws of the State of Arizona, and is hereby exempt from the referendum provisions of the constitution and laws of the State of Arizona.

**PASSED AND ADOPTED** by the District Board of Merrill Ranch Community Facilities District No. 1, Pinal County, Arizona, on the 7<sup>th</sup> day of August 2017.

	Tara Walter, District Chairman
ATTEST:	APPROVED AS TO FORM:
Lisa Garcia, District Clerk	Clifford L. Mattice, District Attorney



# MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2 ACTION FORM

<u>AGENDA</u>	ľ	T	Έ	M	
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ARIZONA POLICED INC.	DISTRICT NO. 2 ACTION FORM	8a.
MEETING DATE: Augu	ust 7, 2017	<ul><li>☑ Action</li><li>☐ Information Only</li></ul>
<b>DEPARTMENT:</b> Finar	☐ Public Hearing ☐ Resolution	
STAFF PRESENTER:	☐ Ordinance☐ Regulatory	
	ading and adoption of Ordinance No. Secondary Property Tax	☐ 1 <sup>st</sup> Reading ☐ 2 <sup>nd</sup> Reading ☐ Other
		omic Prosperity ansportation and Infrastructure

#### **RECOMMENDED MOTION/ACTION:**

Second reading and adoption of Ordinance No. MRCFD2 213-17: AN ORDINANCE OF MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT, SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30<sup>th</sup> DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

#### **BACKGROUND/DISCUSSION:**

The District Board has authorized a secondary property tax levy for the payment of debt service, infrastructure and operations and maintenance of Community Facilities District No. 2. The current property tax rate is \$3.55 per \$100 of Net Assessed Valuation (NAV).

The estimates for Budget Year 2017-2018 have been determined. This year's budget includes anticipated revenues from assessments and secondary tax. Expenditures are included along with anticipated debt service and administrative expenses.

The immediate operation of the ordinance is necessary for the preservation of the public peace, health, and safety of the District, and an emergency is hereby declared to exist; and this ordinance shall be in full force and effect from its passage and publication as required by the laws of the State of Arizona, and is hereby exempt from the referendum provisions of the constitution and laws of the State of Arizona.

#### A VOTE OF NO WOULD MEAN:

The MRCFD2 Levy will not be set for FY 2017-2018.

#### A VOTE OF YES WOULD MEAN:

The MRCFD2 Levy will be set for FY 2017-2018.

#### **FINANCIAL IMPACT:**

Total collections in revenues and prior year fund balance and bond proceeds are anticipated to fund all expenditures. A secondary tax of \$3.25 per \$100/NAV, estimated at \$581,373, for debt service and an operations and maintenance levy of \$0.30 per \$100/NAV, estimated at \$53,666, will be levied on this District, for a total of \$3.55 per \$100/NAV, or \$635,039.

#### **ATTACHMENTS:**

Ordinance No. MRCFD2 213-17

#### **MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2**

#### ORDINANCE NO. MRCFD2 213-17

AN ORDINANCE OF MERRILL RANCH COMMUNITY FACILITIES DISTRICT NO. 2, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE COMMUNITY FACILITIES DISTRICT NO. 2 SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR COMMUNITY FACILITIES EXPENSES FOR THE FISCAL YEAR ENDING THE 30th DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

**WHEREAS,** by the provision of State Law, the ordinance levying a secondary property tax rate for the Fiscal Year 2017-2018 is required to be adopted no later than the third Monday in August; and

**WHEREAS**, the County of Pinal is now the assessing and collecting authority for the Merrill Ranch Community Facilities District No. 2, the District Clerk is hereby directed to transmit a certified copy of the ordinance to the Assessor and Board of Supervisors of Pinal County, Arizona;

**NOW, THEREFORE, BE IT ORDAINED** by the District Board of Merrill Ranch Community Facilities District No. 2, as follows:

**Section 1:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Merrill Ranch Community Facilities District No. 2, except such property as may by law be exempt from taxation, a secondary property tax rate of \$3.25 on each \$100 of Net Assessed Valuation (NAV), for the purpose of providing debt service and enhanced municipal services, and \$0.30 on each \$100/NAV for operations and maintenance of the District, for a combined rate of \$3.55 on each \$100/NAV for the Fiscal Year ending on the 30<sup>th</sup> day of June, 2018, but if the said sum exceeds the maximum levy allowed by law, the Board of Supervisors of Pinal County is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 2:** No failure by the officials of Pinal County, Arizona, to properly return the delinquent list and no irregularity in the assessment or commission in the same, or irregularity of any kind in any proceeding will invalidate such proceeding or invalidate any title conveyed by tax deed; nor will any failure or neglect of any officer or officers to perform any of the duties assigned to him or to them on the day within the time specified work an invalidation of any proceedings or of any such deed or sale or affect the validity of the assessment of a levy of taxes or of the judgment of sale by which the collection of the same may be enforced or in any manner affect the lien of the Town upon such property for the delinquent unpaid taxes thereon, and no overcharge as to part of the

taxes or of costs will invalidate any of the proceeding upon the lien therefore, or a sale of the property under such foreclosure; and all acts of officers de facto will be valid as if performed by officer de jure.

**Section 3:** All ordinances and parts of ordinances in conflict herewith are hereby repealed.

**Section 4:** The immediate operation of the ordinance is necessary for the preservation of the public peace, health, and safety of the Merrill Ranch Community Facilities District No. 2, and an emergency is hereby declared to exist; and this ordinance shall be in full force and effect from its passage and approval by the District Board and publication as required by the laws of the State of Arizona, and is hereby exempt from the referendum provisions of the constitution and laws of the State of Arizona.

**PASSED AND ADOPTED** by the District Board of Merrill Ranch Community Facilities District No. 2. Pinal County, Arizona, on the 7<sup>th</sup> day of August 2017.

	Tara Walter, District Chairman
ATTEST:	APPROVED AS TO FORM:
Lisa Garcia, District Clerk	Clifford L. Mattice, District Attorney



### **TOWN OF FLORENCE**

### **AGENDA ITEM**

TOWN OF FLORENCE ARIZONA	COUNCIL ACTION FORM	10a.
MEETING DATE: Aug	ust 7, 2017	
<b>DEPARTMENT</b> : Deve	<ul><li>☑ Action</li><li>☐ Information Only</li></ul>	
STAFF PRESENTER: Services Director/Town	☐ Public Hearing ☐ Resolution ☐ Ordinance ☐ Regulatory	
between the United	se Agreement for right-of-way access States of America/Bureau of Indian ation Project and the Town of Florence for ersion Dam Road.	☐ 1 <sup>st</sup> Reading ☐ 2 <sup>nd</sup> Reading ☐ Other
		nic Prosperity sportation and Infrastructure

#### **RECOMMENDED MOTION/ACTION:**

Motion to accept the Joint Use Agreement for right-of-way (ROW) access between the United States of America/Bureau of Indian Affairs/San Carlos Irrigation Project (USA/BIA/SCIP) and the Town of Florence for certain portions of Diversion Dam Road.

#### **BACKGROUND/DISCUSSION:**

Diversion Dam Road was originally constructed over 100 years ago as a construction access road by the United States of America vis-à-vis the Act of May 18, 1916 (39 Stat. 129) as a precursor to the San Carlos Irrigation Project, with the Florence-Casa Grande Project Act authorizing construction of Ashurst-Hayden Diversion Dam and incorporating sundry privately-owned irrigation ditches into the federally-owned system. including the incorporation of the Florence Canal originally constructed by the Florence Canal Company between 1886 and 1889.

Over time, the Town of Florence has annexed land east of State Route 79 (Pinal Parkway) including portions of Diversion Dam Road which run adjacent to USA/BIA/SCIP owned canals. Since the Town of Florence now has ROW (and ensuing road maintenance responsibilities) along portions of Diversion Dam Road, USA/BIA/SCIP wishes to re-affirm and define joint-use accessibility to their property. USA/BIA/SCIP has plans, over the next few years, to perform certain improvements along portions of canals within Town Limits that would require ROW access, along with requiring maintenance access as required. Pinal County has already entered into a similar agreement, with this Town of Florence agreement adding specific language

Subject: SCIP Joint Use Agreement Meeting Date: August 7,2017

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ensuring local residents, businesses and persons engaged in Agricultural Management Practices shall not be impeded from carrying out normal farming operations, as outlined in Item #10 of the agreement.

#### A VOTE OF NO WOULD MEAN:

The Town of Florence would not recognize prior access rights by USA/BIA/SCIP as it pertains to existing irrigation canal maintenance and operations emanating from Diversion Dam. This has the potential to create legal issues with the Federal Government, and would most likely be very costly in terms of not only litigation but future cooperative efforts between SCIP, BIA and USA entities.

#### A VOTE OF YES WOULD MEAN:

The Town of Florence would enter into a Joint Use Agreement for ROW access with USA/BIA/SCIP as it pertains to existing irrigation canal maintenance and operations emanating from Diversion Dam. This would also serve to provide additional coordination between USA/BIA/SCIP, Pinal County and the Town of Florence operation and maintenance of Diversion Dam Road.

#### **FINANCIAL IMPACT:**

None known or forecast.

#### ATTACHMENTS:

Joint Use Right-of-Way Agreement between the United States of America, acting through the San Carlos Irrigation Project, and The Town of Florence Arizona.

Subject: SCIP Joint Use Agreement Meeting Date: August 7,2017

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#### United States Department of the Interior

BUREAU OF INDIAN AFFAIRS San Carlos Irrigation Project P.O. Box 250 13805 N. Arizona Blvd. Coolidge, AZ 85128



In Reply Refer To: Project Manager

## Joint Use Right-of-Way Agreement Between the United States of America, acting through the San Carlos Irrigation Project, and The Town of Florence Arizona

This Right-of-Way Joint Use Agreement (Agreement) made this	_day of
2017, by and between the United States of America, Bureau of	`Indian Affairs,
San Carlos Irrigation Project (SCIP), hereinafter referred to as the "United State	es," acting
pursuant to the Act of May 18, 1916 (39 Stat. 129), which act established the Fl	orence-Casa
Grande Project, and the Act of June 7, 1924 (43 Stat. 475) and all acts amendate	ory thereof or
supplementary thereto, establishing the San Carlos Irrigation Project, and Town	of Florence, a
municipality located within Pinal County, Arizona, acting through the Town of	Florence,
hereinafter referred to as "Town".	

#### WITNESSETH THAT:

WHEREAS, the United States holds a reserved right-of-way under the authority of the Act of August 30, 1890 (26 Stat. 471), commonly known as the Canal Act, over and under certain lands of Pinal County, Arizona; and

WHEREAS, the United States authorized the Florence-Casa Grande Project (FCGP) under the authority of the Act of May 18, 1916 (39 Stat. 129) as a precursor of the San Carlos Irrigation Project, with the FCGP Act authorizing construction of Ashurst-Hayden Diversion Dam and incorporating sundry privately-owned irrigation ditches into the federally-owned system, including the incorporation of the Florence Canal originally constructed by the Florence Canal Company between 1886 and 1889; and

WHEREAS, the United States acquired the Florence Canal under a landowner agreement dated April 22, 1920, and incorporated the Florence Canal into a joint use canal delivering water to Indian and non-Indian lands in Pinal County, with such agreement and the FCGP incorporated into the San Carlos Irrigation Project under the authority of the Act of March 7, 1928 (45 Stat. 210); and

WHEREAS, the United States acquired and completed the construction of the Florence-Casa Grande Canal and will assert its authority under the 1890 Canal Act for the construction, operation, and maintenance of several irrigation water distribution and delivery systems, such as, but not limited to, the Florence Canal and the Florence-Casa Grande Canal that serve both Indian lands on the Gila River Indian Reservation and non-Indian lands east and south of the Reservation in south-central Arizona, pursuant to the Act of June 7, 1924, (43 Stat. 475); and

WHEREAS, the Pinal County Board of Supervisors, on January 3, 1922, pursuant to Paragraph 5057, of the Revised Statutes of Arizona, §1913, declared a public road called Canal Road No. 12, beginning at Florence, Arizona, at or near Section 36, Township 4 South, Range 9 East, going in a northeasterly direction and ending at Diversion Dam, at or near Section 13, Township 4 South, Range 10 East; and

WHEREAS, Pinal County surveyed, mapped and filed the Declaration of Road for Canal Road No. 12 with the County Recorder, which was filed under Docket 974 page 733, and said road is more commonly known as Diversion Dam Road; and

WHEREAS, the Town annexed certain lands on November 27, 1989 and on September 21, 2015 that included portions of Diversion Dam Road; and

WHEREAS, the Town began operating and maintaining the portion of Diversion Dam Road from State Route 79 to Padilla Road on 11/27/1989 and from Padilla to Quail Run Road beginning on 09/21/2015 as further shown in Exhibit A: and

WHEREAS, the County, Town and United States both agree Diversion Dam Road was originally constructed to access construction of the original Florence Canal, Florence-Casa Grande Canal, and Ashurst-Hayden Diversion Dam; and

WHEREAS, the Diversion Dam Road was constructed on lands patented subject to the reserved right-of-way for ditches and canals under the 1890 Canal Act; and

WHEREAS, the United States is preparing to rehabilitate certain portions of the Florence-Casa Grande Canal and Florence Canal as authorized by Arizona Water Settlements Act of 2004 (P.L. 108-451) and certain portions of the rehabilitation will encroach on and over portions of Diversion Dam road.

NOW THEREFORE, the United States and the Town agree to enter into a Right-of-Way Joint Use Agreement to authorize the use of certain portions of Diversion Dam Road located within the Town of Florence for the purposes set forth below and as shown on Exhibit A.

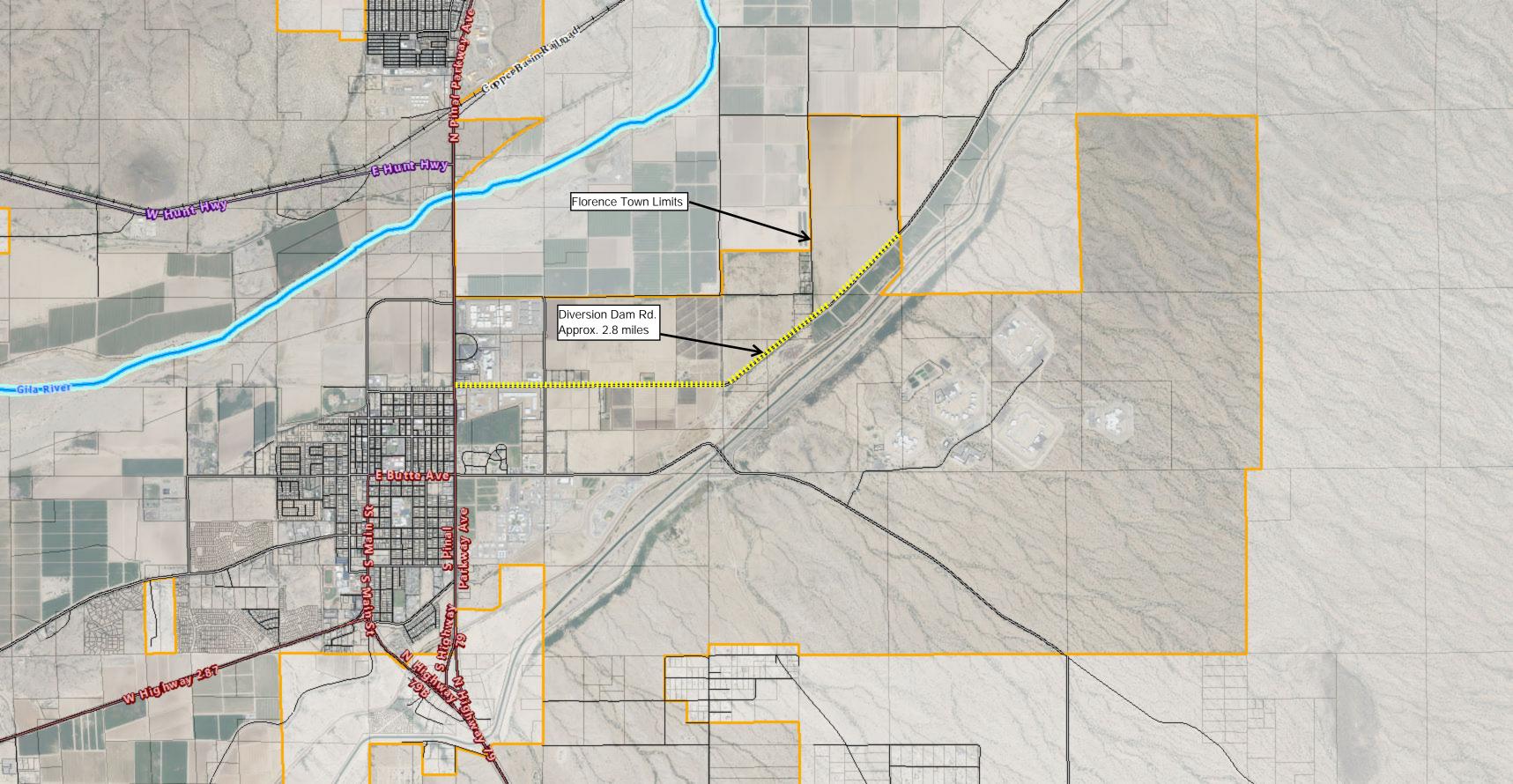
The United States, its employees, agents and contractors, may use and enter over and/or under Diversion Dam Road to access, construct, operate and maintain portions of its water delivery systems, and the Town, its employees, agents and contractors, will construct, operate, and maintain Diversion Dam Road for continued public purposes in accordance with the provisions set forth herein.

- 1. The United States, its employees, agents and contractors shall utilize existing canal access roads and/or construct new access roads in accordance with any plans, drawings, guidelines and maps approved in advance by the United States and which shall be presented to the Town for their review prior to construction. When such access will impact Diversion Dam Road, the Town shall be provided sufficient notice such that alternate right of way access can be established prior to construction.
- 2. The United States will notify and coordinate with the Town in construction design for any realignment of Diversion Dam Road due to the rehabilitation of its water delivery systems.
- 3. The Town will notify and obtain approval from the United States on proposed changes and/or access restrictions to SCIP's water delivery systems to and from Diversion Dam Road.
- 4. The United States and the Town agree that any road construction costs to Diversion Dam Road associated with the rehabilitation, operation and maintenance of the water delivery system will be the responsibility of the United States.
- 5. The United States and the Town agree that maintenance of Diversion Dam Road, within Town Limits, will be conducted by the Town, its employees, agents, and contractors, to maintain public transit safety, with all such maintenance costs a Town responsibility.
- 6. The United States agrees to maintain its canal right-of-way near, under, and over Diversion Dam Road, and to bear all costs associated with such maintenance of the canal and its appurtenances, to maintain public transit safety.
- 7. The United States and the Town agree that access onto United States facilities, which include, but are not limited to, operation and maintenance roads, structures, and canals, are limited to use by the United States, unless such use is permitted by the United States. This agreement does not authorize the Town to permit other third Parties to encroach on, over, and under said facilities, without obtaining prior permission from the United States.
- 8. The United States and the Town agree to hold the other harmless from any and all claims or liabilities arising out of the use and occupancy of said public road.
- 9. The United States and the Town shall take all necessary measures to assure compliance with applicable Federal and State laws and regulations now in force and effect and any

- amendments thereto, which by this reference are made a part hereof. This shall include, but shall not be limited to, aesthetics, erosion controls, and protection of vegetation, animal life, and cultural resource protections.
- 10. The United States and the Town will not use, store, transport or dispose of hazardous materials on or near said canal roads, waters or facilities owned and/or managed by the United States. For purposes of this Agreement, the Term "hazardous materials" shall include, without limitation, asbestos, petroleum, petroleum products, storage tanks, substances defined as "hazardous substances," "hazardous waste," and/or "toxic substances" listed in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, 42 U.S.C. Section 9601 et seq.; the Hazardous Materials Transportation Act, 49 U.S.C. Section 1801; the Resource Conservation and Recovery Act, 42 U.S.C. Section 6901 et seq.; and/or any other applicable federal or local laws, statutes, rules, ordinances, orders and/or requirements related to hazardous materials, hazardous waste, and/or toxic substances and any publications promulgated pursuant thereto. This Agreement shall not limit, modify, alter, impede or otherwise interfere with the rights and activities of local residents, business owners, and persons engaged in Agricultural Management Practices, to properly store, transport and apply hazardous materials such as pesticides, petroleum lubricants, fuels and the like, in the course of normal farming activities. Persons engaging in Agricultural Management Practices as described above shall immediately notify both USA/SCIP, Pinal County and the Town of Florence in the event of any unplanned hazardous materials discharge event.
- 11. The Town shall immediately report to the United States, and United States shall report to the Town, any event that may or will result in pollution or contamination affecting lands, water, or facilities owned and/or managed by the United States.
- 12. This Agreement will not interfere or diminish the ability of the United States and its assigns to operate and maintain the irrigation delivery system and the Town and its assigns to operate and maintain a public road.
- 13. It is further understood and agreed to by all parties that this instrument is not to be taken or construed as granting any interest or right in or to the land described, but is merely a Joint Use Agreement between the United States and Town of Florence for Diversion Dam Road.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

UNITED STATES OF AMERICA	TOWN OF FLORENCE
BUREAU OF INDIAN AFFAIRS	
SAN CARLOS IRRIGATION PROJECT	BY:
	TARA WALTER, MAYOR
BY:	
ΓΙΤLE:	
	ATTEST:
	BY:
	LISA GARCIA, TOWN CLERK
	APPROVED AS TO FORM:
	BY:
	CLIFFORD MATTICE, TOWN
	ATTORNEY



#### Town of Florence Summary of Warrants Paid As of June 2017

Source	Amount
Accounts Payable-Warrant Register	1,123,077.38
A OLUMNI' - T C	
ACH/Wire Transfers	
CFD #1 trustee admin fee - Wells Fargo	0.00
CFD #2 trustee admin fee - Wells Fargo	0.00
child support/assignment PR levys	2,650.22
credit/debit/analysis/bank fees	8,971.52
FSA Collateral & Disbursements	801,308.25
AFLAC payments	10,092.90
health insurance payments - United Health Care	165,871.71
worker's compensation	0.00
deferred comp payments	16,022.04
Total Transfers	1,004,916.64
Electronic Retirement Transfers	
ppd 1 - ASRS	46,368.61
ppd 2 - ASRS	44,310.32
ppd 1 - Securian (Firefighter Pension)	349.83
ppd 2 - Securian (Firefighter Pension)	488.90
Total Retirement Transfers	91,517.66
Payroll Transfers	
ppd 1	237,507.22
ppd 1	224,276.62
ppd 2	608,712.19
Total Payroll Transfers	1,070,496.03
Credit Union Transfers	
ppd 1	3,496.79
ppd 2	6,843.58
Total Credit Union Transfers	10,340.37
Total Gredit Gillon Transiers	10,540.57
Electronic State Tax Transfers	
ppd 1	8,129.74
ppd 2	15,311.90
ppd3	
Total State Tax Deposits	23,441.64
Electronic Federal Tax Transfers	
ppd 1	136,094.23
ppd 1 ppd 2	39,928.81
Total Federal Tax Deposits	176,023.04
Total Foueral Tax Deposits	170,023.04
Total Warrants	3,499,812.76

GL Account	Check	Check	Merchant Name	Invoice	Invoice		Check	
	Number	Issue Date		Number	Date	Description	Amount	
10160000	106372	5/4/2017	Temporary Vendor	11207107-OP	5/3/2017	Overpayment	\$25.73	
10160000	106375	5/4/2017	Temporary Vendor	11102101-OP	5/3/2017	Overpayment	\$56.90	
10160000	106577	5/26/2017	Temporary Vendor	11200455OP	5/22/2017	Overpayment	\$3.26	
10160000	106579	5/26/2017	Temporary Vendor	10216514OP	5/22/2017	Overpayment	\$43.14	
10160000	106582	5/26/2017	Temporary Vendor	787060OP	5/9/2017	Overpayment	\$17.00	
10160000	106588	5/26/2017	Temporary Vendor	10218508OP	5/22/2017	Overpayment	\$45.00	
10160000	106597	5/26/2017	Temporary Vendor	10203510OP	5/22/2017	Overpayment	\$47.87	
10160000	106601	5/26/2017	Temporary Vendor	10704132OP	5/22/2017	Overpayment	\$68.02	
10160000	106608	5/26/2017	Temporary Vendor	10603503OP	5/22/2017	Overpayment	\$55.35	
10201500	106398	5/9/2017	WEX BANK	49649992	4/30/2017	FUEL EXPENSE	\$12,817.01	
10201500	106465	5/19/2017	MOVIE LICENSING USA	2334154	4/23/2017	MOVIE LICENSE	\$260.88	
10202000	106414	5/19/2017	ARIZONA STATE TREASURER	Apr-17	5/1/2017	STATE JCEF	\$313.80	
10202500	106414	5/19/2017	ARIZONA STATE TREASURER	Apr-17	5/1/2017	ZFAR 1	\$1,892.78	
10202501	106414	5/19/2017	ARIZONA STATE TREASURER	Apr-17	5/1/2017	ZFAR 2	\$650.87	
10203000	106470	5/19/2017	PINAL COUNTY TREASURER	17-Apr	5/1/2017	Additional Assess Justice Court Fee	\$78.54	
10204000	106414	5/19/2017	ARIZONA STATE TREASURER	Apr-17	5/1/2017	STATE SURCHARGES	\$8,493.79	
10206000	106340	5/3/2017	Temporary Vendor	CM3017000047 417	4/24/2017	Bond	\$94.00	
10209000	106414	5/19/2017	ARIZONA STATE TREASURER	Apr-17	5/1/2017	Victims Rights Enforcement	\$145.47	
10210300	106345	5/3/2017	PRINCIPAL LIFE COMPANY	104468310001 517	5/1/2017	INSURANCE PREMIUM	\$4,015.84	
10210300	106547	5/25/2017	PRINCIPAL LIFE COMPANY	104468310001 617	5/18/2017	Group Life	\$4,035.83	
10225000	106307	5/2/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 41417PD	4/25/2017	RETIREMENT CONTRIBUTIONS POLICE	\$15,626.09	
10225000	106385	5/9/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 428/17PD	5/8/2017	RETIREMENT CONTRIBUTIONS POLICE	\$14,111.43	
10225000	106509	5/25/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 5217PD	5/23/2017	RETIREMENT CONTRIBUTIONS POLICE	\$13,764.01	
10225100	106307	5/2/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 414/14FIRE	4/25/2017	ACR-FIRE PSR	\$276.92	
10225100	106307	5/2/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 414/14FIRE	4/25/2017	RETIREMENT CONTRIBUTIONS FIRE	\$20,230.93	
10225100	106385	5/9/2017	AZ PUBLIC SAFETY RETIREMENT	PPE428/17FIRE	5/8/2017	ACR-FIRE PSR	\$276.92	
10225100	106385	5/9/2017	AZ PUBLIC SAFETY RETIREMENT	PPE428/17FIRE	5/8/2017	RETIREMENT CONTRIBUTIONS FIRE	\$10,734.60	
10225100	106509	5/25/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 51217 FIRE	5/23/2017	ACR-FIRE PSR	\$276.92	
10225100			AZ PUBLIC SAFETY RETIREMENT	PPE 51217 FIRE		RETIREMENT CONTRIBUTIONS FIRE	\$13,863.21	
10226200	106345		PRINCIPAL LIFE COMPANY	104468310001 517		dental premiums	\$8,622.08	
10226200			PRINCIPAL LIFE COMPANY	104468310001 617		dental premiums	\$8,737.24	
10226300			VISION SERVICE PLAN	122539961 517		VISION INSURANCE	\$2,012.00	
10232000	106324		Florence Hospital at Anthem	PPE 414/17	4/25/2017		\$549.20	
10232000	106391	5/9/2017	Florence Hospital at Anthem	PPE 428/17	5/5/2017	Levy	\$611.20	

			Village of Copper Basin Community					
10232000	106397	5/9/2017		PPE 428/17	5/5/2017	Levy	\$210.68	
10232000	106528		Florence Hospital at Anthem	PPE 51217	5/23/2017		\$608.98	
			Village of Copper Basin Community					
10232000	106563	5/25/2017	Assoc.	PPE 51217	5/23/2017	Levy	\$148.54	
10241000	106363	5/3/2017	UNITED WAY OF PINAL COUNTY	PPE 414/17	4/25/2017	EMPLOYEES CONTRIBUTIONS	\$2.00	
10241000	106396	5/9/2017	UNITED WAY OF PINAL COUNTY	PPE 428/17	5/5/2017	EMPLOYEES CONTRIBUTIONS	\$2.00	
40244000	100500	E /2E /2047	LINUTED MAY OF BINIAL COLINITY	DDE 54347	F /22 /2047	ENADLOVEES CONTRIBUTIONS	ć2.00	
10241000 10243000	106560 106393		UNITED WAY OF PINAL COUNTY NEW YORK LIFE INSURANCE	PPE 51217 6929080 517		EMPLOYEES CONTRIBUTIONS monthly invoice	\$2.00 \$447.54	
10250038	106393		ARIZONA STATE TREASURER	Apr-17		STATE FINES	\$909.62	
10260000	106352		Temporary Vendor	CM2016000738 417		Restitution	\$30.00	
10260000	106430		Temporary Vendor	CR20080182 517		Restitution	\$35.31	
10260000	106524		Temporary Vendor	CM2016000745 517		Restitution	\$28.00	
10260000	106553		Temporary Vendor	TR2014000887 517		Restitution	\$50.00	
10320212	106622		Temporary Vendor	8515440		Permit Refund 7056 W Willow	\$237.25	
10339471	106337		Temporary Vendor	REF- JKUMER417	4/24/2017	Refund cancelled Ramada Reservation	\$30.00	
10348777	106307	5/2/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 414/14FIRE	4/25/2017	Fire INSURANCE PREMIUM TAX	-\$1,139.31	
10348777	106385	5/9/2017	AZ PUBLIC SAFETY RETIREMENT	PPE428/17FIRE	5/8/2017	Fire INSURANCE PREMIUM TAX	-\$1,139.31	
10348777	106509	5/25/2017	AZ PUBLIC SAFETY RETIREMENT	PPE 51217 FIRE	5/23/2017	Fire INSURANCE PREMIUM TAX	-\$1,139.31	
	1						Sub Total=	\$142,177.82
Town Council	105550	5 /05 /0047	N	0704260554	5 /4 C /2 C 4 7	2	44.62.02	
10501201	106562		Verizon Wireless	9784369554		Council laptops Snacks and water for Council Meeting	\$163.92	
10501402 10501402	43017 43017	<u> </u>	Dollar General Pinal Partnership	043017 STMT 043017 STMT		April Breakfast Meeting - John Anderson	\$19.58 \$20.00	
10501402	43017	5/16/2017	•	043017 STMT		Budget Committee Meeting 4/26/2017 (lunch)	\$31.93	
10502201	106562		Verizon Wireless	9784369554		Cell phones	\$54.56	
10302201	100302	3/23/2017	Verizon wireless	3704303334	3/10/2017	cell priories	Sub Total=	\$289.99
Adminstration	I						200 . 0 . 0 . 0 .	Ţ203.33
10502202	43017	5/16/2017	U. S. Post Master	043017 STMT	4/12/2017	Postage for SASE for CDBG survey	\$49.00	
10502209	106319		Day Auto Supply, Inc	712382		Oil & filterfor AD-001	\$28.85	
10502217	106620		SHRED-IT USA	8122350544	5/15/2017	Shredding - Admin	\$22.66	
10502301	106545	5/25/2017	OFFICE DEPOT INC	918472845		Office Supplies	\$30.78	
	ĺ					2017/2018 Membership Renewal for Lisa Garcia,		
10502401	106504	5/25/2017	ARIZONA MUNICIPAL CLERKS ASSOC	17/17LGMHTB	5/15/2017	Maria Hernandez and Trish Buchanan	\$350.00	
10502402	43017		Arizona Floodplain Mngt Assocation	043017 STMT		2017 Spring AFMA Conference - Brent Billingsley	\$350.00	
10502402	43017		Pinal Partnership	043017 STMT		April Breakfast Meeting - Jennifer Evans	\$20.00	
10502402	106388	5/9/2017	BRENT BILLINGSLEY	518-19/17	5/4/2017	AFMA: 2017 Spring Conference Per Diem for Brent	\$79.41	4000 ==
Counts	T		<u> </u>			ı	Sub Total=	\$930.70
10503217	106332	E /2 /2017	JANET MANNATO	17-Apr	E /1 /2017	Public Defender Services	\$1,650.00	
10503217	100532	5/5/201/	JANET IVIANNATO	17-Apr	5/1/2017	rubiic Defender Services	\$1,050.00	

10503234	106344	5/3/2017	PINAL CO SHERIFF'S OFFICE	Mar-17	5/1/2017	INMATE HOUSING	\$3,825.31	
•	•			•		•	Sub Total=	\$5,475.31
Legal								
10504217	106446	5/19/2017	Gust Rosenfeld P.L.C.	322851	5/3/2017	Legal services: Florence Copper April 2017	\$500.00	
10504217	106446	5/19/2017	Gust Rosenfeld P.L.C.	322852	5/3/2017	legal services : Environmemtal appeals	\$11,902.45	
10504217	106518		Controlled Energy Engineers, LLC	1700501		Electrical Engineering Services ergarding Smith Bldg	\$3,750.00	
10504401	106460	5/19/2017	LEXIS NEXIS	3090948713	4/30/2017	leagal research April 2017	\$205.93	
·	1			T T			Sub Total=	\$16,358.38
Finance	400=00	- / /		.=	- / - / - /		40.50	
10505201	106562		Verizon Wireless	9784369554		Cell phones	\$64.56	
10505202	106343		PETTY CASH - FINANCE	0716-4/17		postage return	\$28.01	
10505202	106490		U. S. Post Master	UTILITIES 517		Utilty Billings Advanced Infosytems Mailers	\$8,000.00	
10505204	106404		Advanced Infosystems	13786		data processing of utility bills	\$997.57	
10505217	106620	<u> </u>	SHRED-IT USA	8122350544		Shredding - Finance	\$22.66	
10505227	106398		WEX BANK	49649992		Bank Fees-Credit	-\$14.88	
10505301	43017		Staples Business Advantage	043017 STMT		Replenish Office Supplies prior to Year end	\$559.32	
10505301	43017		Staples Business Advantage	043017 STMT		Replenish Office Supplies prior to Year end Paper fil	\$329.32	
10505301	106355		Staples Business Advantage	3337009983		Office supplies - file folders, envelopes, pens	\$53.00	
10505301	106355		Staples Business Advantage	3337009984		Office Supplies	\$39.15	
10505301	106545		OFFICE DEPOT INC	928305155		Pallet of copy paper - per Joe	\$1,194.60	
10505314	106400	5/15/2017	United States Treasury	866000245 5/17	5/15/2017	Taxes Due Now	\$1,128.41	
10505401	106313	5/3/2017	Az Society of Certified Accountants	1696336 4/17	4/27/2017	Membership Renewal	\$200.00	
10505402	106399	5/9/2017	Yvonne Tackett	50417 CAG AJ	5/5/2017		\$35.31	
10505403	106334	5/3/2017	JOAN MILLER	REIM-ASCPA		Reimbursement for ASCPA webinar (2)	\$140.00	
10505420	43017		CASELLE, INC.	043017 STMT		Contract Support & Maintenance 05/01-05/31/17	\$2,206.00	
10505420	106426		CASELLE, INC.	80174		Contract Support	\$2,206.00	
	<u> </u>	· · ·		<u>.</u>	•		Sub Total=	\$17,189.03
Human Resource	es							
10508201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$19.67	
10508217	106312	5/3/2017	Az Department of Public Safety	VOLUN-417	4/28/2017	Volunteer fingerprint background	\$20.00	
10508217	106369	5/4/2017	Az Department of Public Safety	5X22 4/17	4/28/2017	Employee fingerprint backgrounds	\$110.00	
40500347	100200	F /0 /2017	Benefit Intelligence, Inc.		E /4 /2047	Manthly control for	65.47.50	
10508217	106386		(ConsultADoc)	48		Monthly service fee	\$547.50	
10508217	106489		Tri-City Express Care, LLC 935	4475048		Post offer drug screens	\$56.00	
10508217	106489		Tri-City Express Care, LLC 935	4484196		Post offer drug screens	\$56.00	
10508217	106489		Tri-City Express Care, LLC 935	4553194		Post offer drug screens	\$56.00	
10508217	106616		INFINISOURCE, INC.	8927745		Monthly Administrative Service	\$292.05	
10508314	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017	reimburse visa gift card fee	\$1.50	4
Community Day	olonmont			<u> </u>		T	Sub Total=	\$1,158.72
Community Dev 10510201		E /2E /2017	Verizon Wireless	0794260554	E /16 /2017	Collinhanas	\$36.48	
10510201	106562	5/25/2017	verizori wireless	9784369554	5/16/2017	Cell phones	\$35.48	
10510203	106354	5/3/2017	SOUTHWESTERN BUSINESS FORMS	22754	3/6/2017	INSPECTION REPORTS	\$215.39	

10510203	106354	5/3/2017	SOUTHWESTERN BUSINESS FORMS	22848	4/6/2017	BUSINESS CARDS - DON BENT	\$59.73	
10510215	106480		SOUTHWEST GAS CORPORATION	VARIOUS 517	5/9/2017	Community Development Gas	\$31.13	
10510215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr		ELECTRIC	\$561.48	
10510217	106566	5/25/2017		217120	10/26/2016	Professional Services 07/08/16-07/19/16	\$4,275.00	
10510301	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017	flash drive (Gilbert O.)	\$14.67	
10510304	106421	5/19/2017	BC GRAPHICS	109080	3/27/2017	Long sleeve Town of Florence shirts	\$530.78	
10510401	43017	5/16/2017	Advanced Controls Corporation	043017 STMT	4/18/2017	Az Chapter APA Member Dues (Michelle Orton)	\$68.00	
10510401	43017	5/16/2017	AMERICAN PLANNING ASSOCIATION	043017 STMT	4/18/2017	Az Chapter APA Member Dues (Michelle Orton)	\$270.00	
10510401	43017	5/16/2017	NATIONAL NOTARY ASSOCIATION	043017 STMT	4/22/2017	Membership Nna Services Llc (Adam Raynor)	\$69.00	
10510401	106412	5/19/2017	Arizona Floodplain Mngt Assocation	RENEW MO2017	5/8/2017	Arizona Floodplan Mng Assoc Membership Dues	\$50.00	
10510401	106416	5/19/2017	Association of State Floodplain	33940 MORTON	4/11/2017	ASFPM Membership Dues	\$150.00	
10510401	106508	5/25/2017	Association of State Floodplain	33940 52017	5/19/2017	CFM Renewal	\$70.00	
10510401	106508	5/25/2017	Association of State Floodplain	34126 2017	5/19/2017	CFM Renewal	\$70.00	
10510402	43017	5/16/2017	Sheraton Wild Horse Pass Resort & Spa	043017 STMT	4/4/2017	AZBO Training (Adam Raynor)	\$226.98	
10510402	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017		\$20.00	
10510403	43017	5/16/2017	LEAGUE OF AZ CITIES AND TOWNS	043017 STMT	4/6/2017	Registration fee Michelle Orton (Grant Writing)	\$120.00	
							Sub Total=	\$6,838.64
Police Adminstra								
10511201	106389		CENTURYLINK	VARIOUS 4/17	4/16/2017		\$302.16	
10511201	106390		COX BUSINESS	207217901 4/17		digital adapter-mthly fees	\$6.28	
10511201	106562		Verizon Wireless	9784369554		Cell phones	\$1,369.19	
10511201	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	911 IINE-9627	\$305.58	
10511202	106410	E /10/2017	ARIZONA CORRECTIONAL	421076	4/27/2017	Drinting of Fuidones Forms Incurance Forms	¢0E1 24	
10511203	106410		INDUSTRIES	431976		Printing of Evidence Forms, Insurance Forms	\$951.34	
10511209	106319		Day Auto Supply, Inc	712942		Oil & filter for PD G-697GN (pd admin)	\$40.27	
10511209	106434	5/19/2017	Day Auto Supply, Inc	713555	5/3/201/	Oil & filter for PD G-316HC (pd admin)	\$54.88	
10511211	106456	5/19/2017	JOHNSTONE SUPPLY OF ARIZONA	450S3617687001	4/7/2017	Thermostats for various town buildings / PD	\$1,080.45	
10511215	106387	5/9/2017	BIA	Apr-17	5/1/2017	104233-electric	\$203.03	
10511215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$2,466.70	
10511217	106620	5/31/2017	SHRED-IT USA	8122350544	5/15/2017	Shredding - Police	\$22.68	
10511222	106486	5/19/2017	THE WATER SHED	10728		Ice for PD	\$10.97	
10511301	106468	5/19/2017	OFFICE DEPOT INC	919996793-001	4/14/2017	10 reams of paper, address labels, envelopes	\$380.00	
10511301	106485	5/19/2017	The Office Center Inc.	118977001	4/19/2017	Office Supplies: Pens, containers	\$167.58	
10511301	106545	5/25/2017	OFFICE DEPOT INC	9280851015		Supplies: Ink cartridges	\$556.28	
10511444	106437	5/19/2017	DON CAMPBELL	REFUND41117	4/11/2017	Reimbursement for Citizens Academy Grad.	\$52.60	

							Sub Total=	\$7,969.99
Police Support S	ervices							
					- 4- 4			
10512215		<u> </u>	SOUTHWEST GAS CORPORATION	VARIOUS 517		Service to Police Evidence/Data Center 200 E 6th St	\$31.13	
10512215	106505	5/25/201/	ARIZONA PUBLIC SERVICE	17-Apr	5/4/201/	ELECTRIC	\$3,313.16	
10512401	106451	E/10/2017	INT'L ASSOC FOR PROP. & EVIDEN	M17C204220	E /1 /2017	Membership Dues	\$100.00	
10512401	106451		POSITIVE PROMOTIONS	M17C204229 5747474	<u>.                                </u>	Items for Dispatch Apprec. Week	\$100.00	
10512408	106319		Day Auto Supply, Inc	712281		Maxi fuse holder for PD G-103DL (volunteer)	\$11.86	
10513209	106313		Day Auto Supply, Inc	712784		Tire buffing cleaner for Fleet	\$4.88	
10513209	106371		Day Auto Supply, Inc	713136		Sea foam for Fleet	\$41.69	
10513209	106434		Day Auto Supply, Inc	713655		Tow strap kit for Fleet	\$25.87	
10513209	106434		Day Auto Supply, Inc	714237		Brakleen & shop towels for Shop	\$30.12	
10513209	106486		THE WATER SHED	10652		Annual gallons of distilled water for Fleet	\$5.26	
10513209	106513	5/25/2017	BlueTarp Financial	37885223		9K Rolling jack for Shop	\$347.00	
10513209	106575	5/26/2017	Day Auto Supply, Inc	714747		WD-40 & Moly grease for Fleet	\$26.41	
10513209	106575		Day Auto Supply, Inc	714851		Buffing pads for Fleet	\$13.07	
10514209	106339	5/3/2017	LONG STAR AUTO GLASS SERVICES	1636	4/25/2017	Front windshield for PD G-311HB	\$238.20	
10514209	106347	5/3/2017	PURCELL TIRE COMPANY	6762815	4/25/2017	Tires for PD Stock	\$594.28	
10514209	106371	5/4/2017	Day Auto Supply, Inc	712784	4/25/2017	Tire buffing cleaner for Fleet	\$4.88	
10514209	106371	5/4/2017	Day Auto Supply, Inc	713136	4/28/2017	Sea foam for Fleet	\$41.69	
10514209	106371		Day Auto Supply, Inc	713141	4/28/2017	Oil & filter for PD G-307HB (patrol)	\$42.61	
10514209	106371	5/4/2017	Day Auto Supply, Inc	713145	4/28/2017	Accelerator pedal for PD G-476EN (patrol)	\$165.26	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713280	5/1/2017	Oil & filter for PD G-097FR (patrol)	\$19.26	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713328	5/1/2017	Oil & filter for PD G-306HB (patrol)	\$48.48	
10514209	106434		Day Auto Supply, Inc	713405	5/2/2017	Oil & filter for PD G-987GB (patrol)	\$60.39	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713407	5/2/2017	Oil filter for PD G-987GB (patrol)	\$5.48	
10514209	106434		Day Auto Supply, Inc	713422	5/2/2017		-\$18.10	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713536	5/3/2017	Oil & filter for PD G-317HC (patrol)	\$61.07	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713614	5/4/2017	Oil & filter for PD G-778HM (patrol)	\$54.88	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713625	5/4/2017	Oil & filter for PD G-859FJ (patrol)	\$45.05	
10514209	106434		Day Auto Supply, Inc	713655		Tow strap kit for Fleet	\$25.87	
10514209	106434	5/19/2017	Day Auto Supply, Inc	713997	5/9/2017	Cooling fan for PD G-043FM (patrol)	\$392.82	
10514209	106434	5/19/2017	Day Auto Supply, Inc	714113	5/10/2017	Relay for PD G-043FM (patrol)	\$265.62	
10514209	106434		Day Auto Supply, Inc	714154		Coolant for PD G-043FM (patrol)	\$19.56	
10514209	106434		Day Auto Supply, Inc	714237		Brakleen & shop towels for Shop	\$30.12	
10514209	106486		THE WATER SHED	10652		Annual gallons of distilled water for Fleet	\$5.26	
10514209	106513		BlueTarp Financial	37885223		9K Rolling jack for Shop	\$347.00	
10514209	106575		Day Auto Supply, Inc	714571		Spark plugs & boots for PD G-413FF (patrol)	\$62.09	
10514209	106575		Day Auto Supply, Inc	714577		Oil & filter for PD G-413FF (patrol)	\$24.98	
10514209	106575	<u> </u>	Day Auto Supply, Inc	714582		Spark plugs & boots for PD G-413FF (patrol)	\$62.09	
10514209	106575		Day Auto Supply, Inc	714596		Spark plug boot for PD G-413FF (patrol)	\$6.09	
10514209	106575		Day Auto Supply, Inc	714721		Oil & filter for PD G-028ET (patrol)	\$20.22	
10514209	106575		Day Auto Supply, Inc	714735		Door lock actuator for PD G-413FF (patrol)	\$56.74	
10514209	106575		Day Auto Supply, Inc	714747		WD-40 & Moly grease for Fleet	\$26.41	
10514209	106575	5/26/2017	Day Auto Supply, Inc	714799	5/18/2017	Air filter for PD G-028ET (patrol)	\$15.70	

10514209	106575	5/26/2017	Day Auto Supply, Inc	714851	5/18/2017	Buffing pads for Fleet	\$13.07	
10514302	106360	5/3/2017	TriTech Forensics	144673		blood alcohol kits	\$268.00	
10514304	106492		UNIVERSAL POLICE SUPPLY INC	21271	4/28/2017	Uniform collar pins (30) sets	\$290.25	
10514307	106485	5/19/2017	The Office Center Inc.	11782		K-9 dog food	\$268.08	
10514314	106403	5/19/2017	ADDISONS	1000319	4/10/2017	Citizen Academy Shirts	\$123.54	
10514314	106420	5/19/2017	Banner Occupational Health Clinics	556838	5/2/2017	Exam: Marsden	\$305.00	
10514314	106424		Casa Grande Counseling Service	919	4/5/2017	Psychological for Marsden	\$200.00	
			Precision Polygraph & Investigation					
10514314	106472	5/19/2017		7		Polygraph for Kennard	\$150.00	
10514403	106376		Miguel, Acevedo	MAY08-19/17		Per Diem for Training: Tucson 5/8 -5/19/17	\$410.00	
10514403	106381	5/4/2017	TIMOTHY MURPHY	MAY15TH-19/2017	5/4/2017	Per Diem for Training: Chandler - 5/15/-5/19/17	\$75.00	
							Sub Total=	\$9,074.54
Fire Adminstration	on							
10515201	106562		Verizon Wireless	9784369554	5/16/2017	Cell phones	\$756.69	
10515209	106434	5/19/2017	Day Auto Supply, Inc	713291	5/1/2017	Oil & filter for FD G-828FJ	\$45.05	
10515209	106434		Day Auto Supply, Inc	713725	5/5/2017	Battery for FD G-964GH	\$70.22	
10515209	106434	5/19/2017	Day Auto Supply, Inc	713964	5/8/2017		-\$19.57	
10515209	106434		Day Auto Supply, Inc	714234	5/11/2017	Oil & filter for FD G-964GH	\$49.39	
10515209	106434		Day Auto Supply, Inc	714256	5/11/2017	Air filter for FD G-964GH	\$16.83	
10515209	106575		Day Auto Supply, Inc	714686	5/17/2017	Oil & filter for FD G-965GH	\$49.39	
10515209	106575		Day Auto Supply, Inc	714747	5/17/2017	WD-40 & Moly grease for Fleet	\$26.41	
10515209	106575	5/26/2017	Day Auto Supply, Inc	714851	5/18/2017	Buffing pads for Fleet	\$13.04	
10515215	106387	5/9/2017	BIA	Apr-17	5/1/2017	104233-electric	\$203.03	
10515215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$1,349.44	
10515301	106378	5/4/2017	OFFICE DEPOT INC	923318400-001	4/25/2017	OFFICE SUPPLIES and paper	\$97.28	
10515301	106378	5/4/2017	OFFICE DEPOT INC	923318400-001	4/25/2017	office supplies, batteries, paper,pens etc	\$936.64	
							Sub Total=	\$3,593.84
Fire Station #1								
10516208	106531	5/25/2017	GENERAL PARTS	5837030	4/27/2017	Parts and repairs to station #1 stove	\$409.46	
10516209	106357	5/3/2017	Superstition Fire & Medical District	4042	4/13/2017	seat belt assembly and labor	\$870.73	
10516209	106357	5/3/2017	Superstition Fire & Medical District	4043		shop #126 starter and travel time	\$750.63	
10516209	106380	5/4/2017	Superstition Fire & Medical District	4049	4/24/2017	shop 126 vehicle maintenance, oil, Filter, labor	\$430.50	
						recliners to replace those that are broken at		
10516302	106379	5/4/2017	SIT and SLEEP	120790	5/3/2017	station #1	\$1,692.45	
10516302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229454	5/8/2017	velcro for station needs par tags etc	\$27.70	
10516302	106475	5/19/2017	ROADRUNNER OXYGEN SVC	63657	5/4/2017	Cylinder refill	\$18.68	
10516304	106383	5/4/2017	UNITED FIRE EQUIPMENT CO.	661578		annual Uniform allowance Gameros	\$124.26	
10516304	106383	5/4/2017	UNITED FIRE EQUIPMENT CO.	661904	4/20/2017	annual uniform allowance Kells	\$54.97	
10516304	106383	5/4/2017	UNITED FIRE EQUIPMENT CO.	661918	4/21/2017	annual uniform allowance Kells	\$36.75	
10516304	106491		UNITED FIRE EQUIPMENT CO.	662701	5/2/2017	annual uniform allowance Pine	\$104.62	
10516312	106362	5/3/2017	UNITED FIRE EQUIPMENT CO.	661577	4/17/2017	replacement of worn and damaged turnouts	\$2,317.20	
10516312	106491	5/19/2017	UNITED FIRE EQUIPMENT CO.	662021		helmets and hoods	\$1,533.77	
10516312	106491	5/19/2017	UNITED FIRE EQUIPMENT CO.	662328	4/26/2017	replacement of worn and damaged turnouts	\$888.03	

						12 Falcon cartridges and 2 Germicidal		
10516315	106367	5/3/2017	WAXIE SANITARY SUPPLY	76651886		Ultra Bleach	\$503.51	
10516315	106496		WAXIE SANITARY SUPPLY	76664587		Towels & Tissue	\$1,028.31	
10516403	106368		AEMS, iNC.	6012017		AEMS confrence tuition (continuing education)	\$170.00	
10516403	106443	<u> </u>	FORCIBLE ENTRY EQUIPMENT	170020		forcible entry prop for training	\$3,743.28	
10010100	100110	0/10/2017			5,2,252	at time of hotel stay cost was more than quoted	ψο), 10.20	
						and more than the check that was sent. Bill paid		
10516403	106498	5/19/2017	WILLIAM S. BRUIN III	187281	5/5/2017	for the difference out of pocket	\$45.40	
10010100	200.50	0,10,201		107 201	3,3,202,	por the amerence out or position	Sub Total=	\$14,750.25
Fire Station #2								7 = 1,1 = 0 = 1
10517201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	hunt hwy-7347	\$206.10	
10517201	106432	5/19/2017	COX BUSINESS	221288801 517		phone lines station #2	\$199.35	
					· ·			
10517203	106487	5/19/2017	Toshiba Business Solutions,USA	13599922	4/20/2017	Maintenance Agreement Copier	\$202.84	
			,			5 1		
10517209	106357	5/3/2017	Superstition Fire & Medical District	4044	4/13/2017	shop #139 Bray seated vallve and travel time	\$649.20	
10517209	106434		Day Auto Supply, Inc	713438		radiator cap and hitch pin	\$11.39	
		· · ·	, , , ,			·	·	
10517209	106482	5/19/2017	Superstition Fire & Medical District	4075	5/9/2017	Diesel exhaust fluid (DEF)	\$39.42	
10517212	106455	5/19/2017	Johnson Utilities	13808101 517	5/5/2017	water at station #2 landscaping	\$32.03	
10517212	106455		Johnson Utilities	138082 417		water for station #2	\$279.04	
10517215	106395	5/9/2017	SOUTHWEST GAS CORPORATION	FIREHUNT417	5/2/2017	Hunt Hwy-Gas	\$99.07	
10517215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017		\$1,020.95	
10517304	106362	5/3/2017	UNITED FIRE EQUIPMENT CO.	661355		Annual Uniform allowance Feliz	\$346.84	
10517304	106362	5/3/2017	UNITED FIRE EQUIPMENT CO.	661357	4/12/2017	annual uniform allowance Walter	\$699.45	
10517304	106362	5/3/2017	UNITED FIRE EQUIPMENT CO.	661369	4/12/2017	Annual Uniform allowance Adamczyk	\$153.37	
10517304	106362	5/3/2017	UNITED FIRE EQUIPMENT CO.	661370	4/12/2017	Annual Uniform allowance Adamczyk	\$51.73	
10517304	106383	5/4/2017	UNITED FIRE EQUIPMENT CO.	661576	4/17/2017	annual uniform allowance Marquez 16-17	\$203.96	
10517304	106383	5/4/2017	UNITED FIRE EQUIPMENT CO.	661920	4/21/2017	annual uniform allowance Usher	\$312.03	
10517304	106491	5/19/2017	UNITED FIRE EQUIPMENT CO.	662989	5/5/2017	Annual Uniform allowance Calise	\$94.05	
10517312	106491	5/19/2017	UNITED FIRE EQUIPMENT CO.	662021	4/21/2017	helmets and hoods	\$1,533.78	
10517403	106443	5/19/2017	FORCIBLE ENTRY EQUIPMENT	170020	5/2/2017	forcible entry prop for training	\$2,400.00	
				'			Sub Total=	\$8,534.60
Infromation Tech	nnology							
10519201	43017	5/16/2017	AMAZON.COM	043017 STMT	4/26/2017	Galaxy Tab S2 Screen Protector/Case (Verizon)	\$38.49	
10519201	43017	5/16/2017	AMAZON.COM	043017 STMT	4/26/2017	Samsung 128GB SDXC Card (Verizon)	\$51.74	
10519201	43017		AMAZON.COM	043017 STMT		Samsung S Mouse for Galaxy Tab Pro (Verizon)	\$38.99	
10519201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$464.13	
10519202	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017	postage	\$11.35	
	T							
10519207	43017	5/16/2017	RAMNODE.COM	043017 STMT	4/21/2017	Town Website Hosting Plan	\$83.00	

						XLR Wall Plates 1 for council chambers 1 for		
10519211	43017	5/16/2017	AMAZON.COM	043017 STMT		community center	\$13.94	
10519211	106512	5/25/2017	Better Direct	42994	5/3/2017	Sony HD Cameras for Council Chambers	\$10,160.00	
				8502204998001				
10519222	106519	5/25/2017	COX BUSINESS	417	4/21/2017	Monthly Internet	\$940.00	
10519302	106529	5/25/2017	FLORENCE TRUE VALUE HARDWARE	228760	3/29/2017	dust masks/microfiber cloths	\$13.15	
10519302	106529		FLORENCE TRUE VALUE HARDWARE	229142		slodering iron/solder	\$31.60	
10519302	106543		Newegg Business, Inc.	1300274580		asus bluray and shipping	\$97.98	
10519302	106543		Newegg Business, Inc.	1300274580		blue ray discs-50pk	\$23.99	
10519302	106543		Newegg Business, Inc.	1300274580	4/20/2017	netgear cm600 modem/router	\$389.99	
10519302	106543		Newegg Business, Inc. Newegg Business, Inc.	1300274580		dlp projector (replacement)	\$109.99 \$589.99	
10519302	106543	5/25/2017	Newegg Business, Inc.	1300297391	5/4/2017	dip projector (replacement)	\$589.99	
10519323	43017	5/16/2017	ADOBE SYSTEMS INCORPORATED	043017 STMT	4/29/2017	Adobe Creative Cloud Subscription	\$54.34	
10313323	43017	3/10/2017	ADOBE STSTEMS INCORPORATED	043017 311011	4/28/2017	Adobe creative cloud subscription	\$34.34	
10519323	43017	5/16/2017	Microsoft Corporation	043017 STMT	4/1/2017	Microsoft Office 365 Monthly Subscription	\$634.81	
10313323	13017	3/10/2017	iviici osore corporation	0 13017 311111	1,1,201,	ivide osoft office sos worthing subscription	Ç05 1.01	
10519323	43017	5/16/2017	SendGrid	043017 STMT	4/2/2017	Town SMS and Email system for website	\$1.32	
		-, -, -			, , -	ASUS VE Series VE278Q Black 27 2ms (GTG)	, -	
						Widescreen LED Backlight LCD Monitor Built-in		
10519324	106543	5/25/2017	Newegg Business, Inc.	1300310150	5/11/2017	Speakers"	\$385.96	
10519324	106543		Newegg Business, Inc.	1300310336	5/11/2017	1.13 01 OrderPriceAdj	-\$23.00	
						ASUS VE Series VE278Q Black 27 2ms (GTG)		
						Widescreen LED Backlight LCD Monitor Built-in		
10519324	106543	5/25/2017	Newegg Business, Inc.	1300310336	5/11/2017		\$379.98	
						ASUS VE248Q Black 24 2ms (GTG) Widescreen LED		
10519324	106543		Newegg Business, Inc.	1300310336		Backlight LCD Monitor Built-in Speakers"	\$1,599.90	
10519324	106543	5/25/2017	Newegg Business, Inc.	1300310336	5/11/2017	•	\$5.98	
						PTZ USB Controller Interface for Channel 11		
10519410	43017		Ricosoft Inc	043017 STMT		Camera System	\$2,450.95	
10519410	106512	5/25/201/	Better Direct	42994	5/3/2017	Sony PTZ Control for Channel 11 Cameras	\$2,291.59	422.040.46
Fituana Camban	1		Г	1		Г	Sub Total=	\$20,840.16
Fitness Center 10520211	106422	E /10/2017	BENSON SYSTEMS	175264	2/16/2017	Alarm System Monitoring	\$149.85	
10320211	100422	3/19/2017	BENSON STSTEINS	173204	2/10/2017	Thermostats for various town buildings / Fitness	\$149.05	
10520211	106456	5/19/2017	JOHNSTONE SUPPLY OF ARIZONA	450S3617687001	4/7/2017		\$648.26	
10520211	106480		SOUTHWEST GAS CORPORATION	VARIOUS 517		GAS-133 N Main St	\$59.30	
10520215	106505		ARIZONA PUBLIC SERVICE	17-Apr		ELECTRIC	\$559.67	
23323213	20000	5,25,2017	Advanced Healthstyles Fitness	27.7.01	-, .,,		<b>4333.07</b>	
10520335	106610	5/31/2017	Equipment	27801	5/19/2017	Fitness Center Equipment (Elliptical Trainer)	\$2,300.90	
		. ,	1	<u>.                                      </u>		, , , , , , , , , , , , , , , , , , , ,	Sub Total=	\$3,717.98
Parks & Recreati	on Admin							
10521203	106558	5/25/2017	Toshiba Business Solutions, USA	13631318	5/1/2017	Parks & Rcreation Printer/Copier	\$522.62	
				920168253-				
10521301	106342	5/3/2017	OFFICE DEPOT INC	001	4/17/2017	Office supplies- pens, staples, scissors, batteries	\$82.64	

				920168393-				
10521301	106342	5/3/2017	OFFICE DEPOT INC	001	4/15/2017	Office supplies- pens, staples, scissors, batteries	\$7.70	
				921068260-				
10521301	106342	5/3/2017	OFFICE DEPOT INC	001	4/17/2017	Office supplies- pens, staples, scissors, batteries	\$8.15	
				921790761-				
10521301	106342		OFFICE DEPOT INC	001		credit for pens not delivered	-\$7.70	
10521301	106617		OFFICE DEPOT INC	9205200301		PRINTING PAPER PLAIN WHITE AND COLOR	\$307.92	
10521301	106617		OFFICE DEPOT INC	9205200301		Binder Tabs and other supplies	\$21.02	
10521335	106543	5/25/2017	Newegg Business, Inc.	1300361550	5/1//201/	Two Monitors for Director	\$279.98	
40534404	42047	F /4 C /2047	National Recreation & Park	042047 6TNAT	4/2/2017	Annual Mancharakia Bilinghaa	¢4.65.00	
10521401	43017	5/16/2017	Asocication	043017 STMT	4/3/2017	Annual Membership - BHughes	\$165.00 Sub Total=	¢1 207 22
Parks Maintenar	200						Sub Total=	\$1,387.33
10522201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$145.82	
10322201	100302	3/23/2017	Arizona's Best Choice Pest &	3784303334	3/10/2017	cen priories	7143.02	
10522207	106311	5/3/2017	Termite Svc	534489	4/10/2017	HERITAGE PARK GOPHER SERVICE	\$185.00	
10322207	100311	3/3/201/	Arizona's Best Choice Pest &	331103	1,10,2017	THE WITH SERVICE	Ģ103.00	
10522207	106415	5/19/2017	Termite Svc	536307	4/17/2017	HERITAGE PARK GOPHER SERVICE	\$185.00	
		-,,	Arizona's Best Choice Pest &		., = ., = = =		7-55:55	
10522207	106415	5/19/2017	Termite Svc	536555	4/24/2017	HERITAGE PARK GOPHER SERVICE	\$185.00	
			Arizona's Best Choice Pest &		· · ·			
10522207	106415	5/19/2017	Termite Svc	537180	5/1/2017	HERITAGE PARK GOPHER SERVICE	\$185.00	
10522211	106507	5/25/2017	ARROYO FENCE CO.	1719	5/12/2017	EMERGENCY SIDEWALK REPAIRS	\$3,968.03	
10522215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$4,662.23	
10522217	106361	5/3/2017	UNITED EXTERMINATING	189270		Bees in water valve box at Dog Park	\$150.00	
10522217	106361	5/3/2017	UNITED EXTERMINATING	191068	4/13/2017	Bees at Heritage Park RR	\$150.00	
10522217	106559	5/25/2017	UNITED EXTERMINATING	189286	4/4/2017	BEES AT THE DOG PARK	\$150.00	
				043017				
10522302	43017	5/16/2017	KNOX COMPANY	STMT	4/24/2017	1 Model 3262 Key Box for IT Building	\$371.41	
		- 1- 1						
10522302	106325	5/3/201/	FLORENCE TRUE VALUE HARDWARE	220949	4/14/201/	Supplies for Park Maintenance	\$20.79	
40522202	406335	E /2 /2047	ELODENICE TRUE VALUE HARRIMARE	220720	2/20/2047	Constitution for Book Maintenance	¢24.5.54	
10522302	106325	5/3/201/	FLORENCE TRUE VALUE HARDWARE	228729	3/28/2017	Supplies for Park Maintenance	\$316.61	
10522302	106325	E /2 /2017	FLORENCE TRUE VALUE HARDWARE	228730	2/20/2017	Supplies for Bark Maintonance	\$30.36	
10522302	100323	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228/30	3/28/2017	Supplies for Park Maintenance	\$30.30	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228731	3/28/2017	Supplies for Park Maintenance	-\$316.61	
10322302	100323	3/3/2017	TEORENCE TROE VALUE HARDWARE	228/31	3/28/2017	Supplies for Fark Maintenance	-5310.01	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228774	3/30/2017	Supplies for Park Maintenance	\$18.94	
10322302	100323	3/3/2017	TECHLET THE VALUE HARDWARE	223774	5/30/2017	Supplies for Funk Mulliteriance	710.54	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228777	3/30/2017	Supplies for Park Maintenance	\$13.96	
		-, -, -017		220.77	2,30,2017		¥20.30	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228785	3/30/2017	Supplies for Park Maintenance	\$26.27	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228792	3/30/2017	Supplies for Park Maintenance	\$28.54	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228818	3/31/2017	Supplies for Park Maintenance	\$6.32	

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10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228853	4/3/2017	Supplies for Park Maintenance	\$112.79	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228909	4/5/2017	Supplies for Park Maintenance	\$4.21	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229073	4/17/2017	Supplies for Park Maintenance	\$172.22	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229074	4/17/2017	Supplies for Park Maintenance	\$1.12	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229078	4/18/2017	Supplies for Park Maintenance	\$5.52	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229104	4/19/2017	Supplies for Park Maintenance	\$3.88	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229106	4/19/2017	Supplies for Park Maintenance	\$42.10	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229137	4/20/2017	Supplies for Park Maintenance	\$8.19	
10522302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229155	4/21/2017	Supplies for Park Maintenance	\$4.07	
10522302	106325		FLORENCE TRUE VALUE HARDWARE	229214		Supplies for Park Maintenance	\$140.98	
10522302	106359	5/3/2017	THE WATER SHED	10583	4/10/2017	Drinking water for Park Maintenance Staff	\$13.16	
10522302	106458	5/19/2017	KNOX COMPANY	1005793	4/28/2017	Padlocks for Park Facilities	\$424.61	
10522302	106469		PETTY CASH - PARKS	4637 8790		Emergency Purchase- Mutt Mitts for Dog Park	\$54.33	
10522302	106613		Day Auto Supply, Inc	714141	5/10/2017		\$28.57	
10522302	106613	5/31/2017	Day Auto Supply, Inc	714288	5/11/2017	Battery for Park Maintenance	\$96.85	
10522311	106615	5/31/2017	HOME DEPOT CREDIT SERVICES	5212697	5/18/2017	SHOVELS, POST HOLE DIGGERS AND PRUNER	\$134.58	
10522317	106310	5/3/2017	ARIZONA STATE PRISON-FLORENCE	A04118B20170330	4/6/2017	INMATE LABOR/WORK PROGRAM	\$16.00	
10522317	106310		ARIZONA STATE PRISON-FLORENCE	A04118B20170413		INMATE LABOR/WORK PROGRAM	\$84.00	
10522317	106440	5/19/2017		3262004		irrigation supplies/materials	\$1,027.10	
10522317	106449	5/19/2017	HOME DEPOT CREDIT SERVICES	221149	5/3/2017	Flowers for Main St. Planters	\$149.53	
10522317	106611	5/31/2017	ARIZONA STATE PRISON-FLORENCE	A04117B20170427	5/2/2017	INMATE LABOR/WORK PROGRAM	\$64.00	
10522317	106611	5/31/2017	ARIZONA STATE PRISON-FLORENCE	A04117B20170511	5/18/2017	INMATE LABOR/WORK PROGRAM	\$40.00	
10522403	43017	5/16/2017	ARIZONA PARKS AND	043017 STMT	4/10/2017	Playground Safety Maintenance & Risk Management	\$115.00	
Community Cent	ter Facility						Sub Total=	\$13,225.48
1	,							
10523201	106390	5/9/2017	COX BUSINESS	228541501-417	4/28/2017	Cable Svc for Library/Community Center	\$128.29	
10523215	106505		ARIZONA PUBLIC SERVICE	17-Apr		ELECTRIC	\$4,218.83	
10523302	106359		THE WATER SHED	10539		Drinking water for Community Center Staff	\$19.75	
10523302	106359		THE WATER SHED	10632		Drinking water for Community Center Staff	\$13.16	
10523302	106407		American Refrigeration Supply, INC	141400300		Replacement Cartridges for Scotsman Ice System	\$191.90	
10323302	100407	3/13/201/	American Kemigeration Supply, INC	141400300	3/2/2017	mepiacement cartiluges for scotsman ice system	\$151.90	

10523302	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	11461	5/23/2017	Water Softener Salt for Community Center	\$110.00	
10523302	106623	5/31/2017	THE WATER SHED	10784	5/7/2017	Drinking water for Community Center Staff	\$19.75	
						DRINKING WATER FOR COMMUNITY CENTER	·	
10523302	106623	5/31/2017	THE WATER SHED	10840	5/15/2017	STAFF	\$13.16	
		0,00,000	-		-, -, -	Pandora Music Subscription - Library and	7-5:1-0	
10523401	43017	5/16/2017	MOOD MEDIA CORPORATE	043017 STMT	4/11/2017	Community Center	\$29.30	
20020 .02	.0017	0,10,201.		0.0017 0	., 11, 101,		Sub Total=	\$4,744.14
Aquatics Program	ms						0.000	<del>+ -, </del>
10524201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	pks/rec-0265	\$310.32	
10524201	106562		Verizon Wireless	9784369554		Cell phones	\$17.92	
10524201	106612		CENTURYLINK	VARIOUS 517		PKS/REC-0265	\$313.80	
10524215	106480		SOUTHWEST GAS CORPORATION	VARIOUS 517		174 W 1st-Aquatics	\$2,415.84	
10524215	106505		ARIZONA PUBLIC SERVICE	17-Apr		ELECTRIC	\$3,993.60	
10524302	43017		AMAZON.COM	043017 STMT	<u> </u>	Wristbands/supplies for Aquatic Center	\$89.98	
10524302	106359		THE WATER SHED	10633		Drinking water for Aquatic Center Staff	\$32.91	
10524302	106536		HOME DEPOT CREDIT SERVICES	11461		Water Softener Salt for Aquatic Center	\$54.87	
10524302	100530	5/25/2017	WALMART COMMUNITY # 0005	11401	5/23/2017	water Softener Sait for Aquatic Center	\$34.87	
40534303	406564	E /2E /2047		4004	E /4/2047	NATION CONTROLLIS CONTROLLIS	ć2.c 70	
10524302	106564	5/25/2017		4904		Misc. Supplies Lil Swimmers	\$26.70	
10524304	106358	5/3/201/	SURF & SKI ENTERPRISES	149952	4/26/2017	Shirts for Aquatics	\$479.68	
10524304	106438		EAST VALLEY SPORTS	TB4617		Lifeguard Uniforms	\$2,198.29	
10524401	43017		MOOD MEDIA CORPORATE	043017 STMT		Pandora Music Subscription - Aquatic Center	\$29.30	
10524407	106499	5/25/2017	ADDISONS	1000332	4/26/2017	Aquatic Center Banners	\$800.00	
				1			Sub Total=	\$10,763.21
Recreation Progr	rams							
10525201	106562		Verizon Wireless	9784369554		Cell phones	\$99.15	
10525201 10525302		5/16/2017	AMAZON.COM	9784369554 043017 STMT	4/17/2017	Pickleball Balls - 60 Count	\$106.65	
	106562	5/16/2017			4/17/2017	·	\$106.65 \$27.77	
10525302	106562 43017	5/16/2017 5/16/2017	AMAZON.COM	043017 STMT	4/17/2017 4/17/2017	Pickleball Balls - 60 Count	\$106.65	
10525302 10525302	106562 43017 43017	5/16/2017 5/16/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY PETTY CASH - PARKS	043017 STMT 043017 STMT	4/17/2017 4/17/2017 4/27/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop	\$106.65 \$27.77	
10525302 10525302 10525302	106562 43017 43017 106453	5/16/2017 5/16/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY	043017 STMT 043017 STMT 146 417	4/17/2017 4/17/2017 4/27/2017 5/8/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies  Anthem Program Supplies	\$106.65 \$27.77 \$434.80	
10525302 10525302 10525302	106562 43017 43017 106453	5/16/2017 5/16/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417	4/17/2017 4/17/2017 4/27/2017 5/8/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies	\$106.65 \$27.77 \$434.80	
10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469	5/16/2017 5/16/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790	4/17/2017 4/17/2017 4/27/2017 5/8/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies  Anthem Program Supplies	\$106.65 \$27.77 \$434.80 \$2.55	
10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469	5/16/2017 5/16/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies  Anthem Program Supplies	\$106.65 \$27.77 \$434.80 \$2.55	
10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790 TR00938	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40	
10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790 TR00938	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017	Pickleball Balls - 60 Count  Replacement Battery for Recreation Laptop  T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40	
10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790 TR00938	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40	
10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790 TR00938	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40	
10525302 10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495 106495	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96	
10525302 10525302 10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495 106495 106495	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 WALMART COMMUNITY # 0005	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 5/1/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01	
10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495 106495 106564	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 5/1/2017 4/27/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies  Scissors for First Aid	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01 \$79.24	
10525302 10525302 10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495 106495 106495	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 5/1/2017 4/27/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01 \$79.24 \$9.84 \$2,880.52	\$4,000.89
10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525407	106562 43017 43017 106453 106469 106495 106495 106564	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 5/1/2017 4/27/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies  Scissors for First Aid	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01 \$79.24	\$4,000.89
10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525302	106562 43017 43017 106453 106469 106495 106495 106564	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118 ADDISONS	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 5/1/2017 4/27/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies  Scissors for First Aid	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01 \$79.24 \$9.84 \$2,880.52	\$4,000.89
10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525302 10525407	106562 43017 43017 106453 106469 106495 106495 106564	5/16/2017 5/16/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/19/2017 5/25/2017 5/25/2017	AMAZON.COM AMAZON.COM JIM HEET PHOTOGRAPHY  PETTY CASH - PARKS WALMART COMMUNITY # 0005 7118	043017 STMT 043017 STMT 146 417 4637 8790 TR00938 TR00939 TR05398 TR02956	4/17/2017 4/17/2017 4/27/2017 5/8/2017 5/5/2017 5/5/2017 4/27/2017 4/27/2017 4/26/2017	Pickleball Balls - 60 Count Replacement Battery for Recreation Laptop T-ball Pic/trophies  Anthem Program Supplies  Supplies and Food For Mother Daughter Dance  Before and After the Bell Supplies  Supplies for Fall Sports  First Aid Supplies  Scissors for First Aid	\$106.65 \$27.77 \$434.80 \$2.55 \$175.40 \$31.96 \$153.01 \$79.24 \$9.84 \$2,880.52	\$4,000.89

10526222	106483	5/19/2017	Swank Motion Pictures, Inc.	RG2334732	5/2/2017	Movie Licensing for Moana Movie in the Park	\$446.50	
			Celestial Nights Family			Weather rescheduling fee for Moana Movie in the	·	
10526222	106515	5/25/2017	Entertainment	552	5/17/2017	<u> </u>	\$400.00	
10526302	43017	5/16/2017	AMAZON.COM	043017 STMT	4/2/2017	Hot Wire Foam Cutter for Hashtag Signs at Events	\$32.56	
10526302	106328		Gifts Galore Store	21558		12,000 Prize Filled Eggs for Easter Eggstravaganza	\$1,392.00	
10526302	106328		Casa Grande Valley Newspaper Inc.	98310201		Home Tour Booklet	\$1,392.00	
10320302	100423	3/13/2017	casa Grande Valley Newspaper Inc.	30310201		Social Media Boost - Road to Country Thunder	Ş133.00	
10526407	43017	5/16/2017	Facebook	043017 STMT		Easter Eggstravaganza Movie in the Park	\$237.77	
10526407	106333		JASON REYNOLDS	TF-417-001		Graphic design special event posters	\$100.00	
10526407	106425		Casa Grande Valley Newspaper Inc.	98310301		Ads for special events	\$153.00	
10526407	106425		Casa Grande Valley Newspaper Inc.	98310302		Ads for special events	\$153.00	
10020107	100.120	0,10,201			., ==, ===		Sub Total=	\$4,106.93
Senior Center								
10528201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$35.84	
10528208	106463	5/19/2017	Mid State Refrigeration	570349	4/19/2017	Emergency repair of refrigerator	\$117.00	
10528209	106339	5/3/2017	LONG STAR AUTO GLASS SERVICES	1610	4/17/2017	Side glass for SC-005	\$255.88	
10528209	106434	5/19/2017	Day Auto Supply, Inc	713547	5/3/2017	Oil & filter for SC-005	\$20.22	
10528209	106434	5/19/2017	Day Auto Supply, Inc	713565	5/3/2017	Brake pads for SC-005	\$99.98	
10528211	43017	5/16/2017	ODYSEA SEA LIFE	043017 STMT	4/24/2017	Thermostat for Steam Table	\$78.11	
10528215	106480	5/19/2017	SOUTHWEST GAS CORPORATION	VARIOUS 517	5/9/2017	SR CTR NATURAL GAS	\$51.66	
10528215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$1,131.05	
			TECH-24 / Commerical Foodservice					
10528217	106484	5/19/2017	Repair	4825045	4/14/2017	Repair Dishwasher	\$265.37	
10528302	106478	5/19/2017	SMART & FINAL STORES CORP	SRCTR50317	5/3/2017	Supplies	\$243.43	
10320302	100470	3/13/2017	WALMART COMMUNITY # 0005	31(011(30317	3/3/201/		ŞZ-13.13	
10528302	106495	5/19/2017		TR08790	5/3/2017	Supplies	\$136.38	
10320302	100-33	3/13/2017	WALMART COMMUNITY # 0005	11100730	3/3/201/		7150.50	
10528302	106495	5/19/2017		TR09446	5/3/2017	Misc supplies	\$80.66	
		-, -, -	WALMART COMMUNITY # 0005		-,-, -		,	
10528302	106495	5/19/2017		TR09446	5/3/2017	Supplies	\$261.51	
10528315	106478		SMART & FINAL STORES CORP	SRCTR50317	5/3/2017		\$150.00	
10528444	106464		Mosaic's Florence Fudge Shop	MAY10TH17	5/10/2017	Senior meal for month of May	\$150.00	
-							Sub Total=	\$3,077.09
Library								
10529201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	library-0788	\$112.66	
10529201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$53.82	
10529201	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	Library-0788	\$112.66	
10529302	43017	5/16/2017	AMAZON.COM	043017 STMT	4/1/2017	Misc Office Supplies	\$186.26	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011888472	4/19/2017	Books/DVDS	\$39.05	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011888473	4/19/2017	Books/Audio	\$126.43	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011889483	4/20/2017	Books/Audio	\$61.02	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011889484	4/20/2017	Books	\$135.53	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011894267	4/27/2017	Books/DVDS	\$33.75	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011894268	4/27/2017	Books/Audio	\$21.99	

10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	4011894269	4/27/2017	Books	\$24.99	
10529308	106419		BAKER & TAYLOR BOOKS	4011894270		Childrens books	\$557.17	
10529308	106419		BAKER & TAYLOR BOOKS	T57429040		Books/DVDS	\$71.18	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	T57713180	4/18/2017	Books/DVDS	\$141.28	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	T57727810	4/19/2017	Books	\$185.38	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	T57996470	4/25/2017	Books	\$74.79	
10529308	106419	5/19/2017	BAKER & TAYLOR BOOKS	T57996471	4/25/2017	Books/DVDS	\$17.99	
10529308	106510		BAKER & TAYLOR BOOKS	4011901997		Books/Audio	\$5.49	
10529308	106510		BAKER & TAYLOR BOOKS	4011901998	5/4/2017		\$29.69	
10529308	106510		BAKER & TAYLOR BOOKS	4011901999		Childrens books	\$235.21	
10529308	106510		BAKER & TAYLOR BOOKS	4011903206		Childrens books	\$14.14	
10529308	106510		BAKER & TAYLOR BOOKS	4011903207		Books/Fiction and Audio	\$593.21	
10529308	106510		BAKER & TAYLOR BOOKS	4011903208	5/5/2017		\$482.27	
10529308	106510		BAKER & TAYLOR BOOKS	4011903209		Books - Fiction and Audio	\$127.14	
10529308 10529308	106510		BAKER & TAYLOR BOOKS BAKER & TAYLOR BOOKS	T58305240 T58408000	5/2/2017 5/4/2017		\$41.20 \$22.48	
10529308	106510 106510		BAKER & TAYLOR BOOKS	T58609680	5/9/2017		\$83.20	
10529401	106510		The Arizona Republic	718182 517		Newspaper Subscription Renewal	\$382.98	
10323401	100330	3/23/2017	The Arizona Republic	718182 317	3/1/2017	inewspaper Subscription Renewal	Sub Total=	\$3,972.96
Engineering							Sub Total-	73,372.30
10530201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$108.56	
10530209	106434		Day Auto Supply, Inc	714289		Oil & filter for ST-079	\$54.67	
						Plan Reviews - Approved at Council Meeting		
10530217	106467		Nu-Trend Architectural SVCS LLC	420171	5/2/2017	3./20/17	\$14,080.00	
10530217	106544	5/25/2017	Nu-Trend Architectural SVCS LLC	520172	5/4/2017	Plan Review - Artisan Acres	\$5,590.00	
10530304	106314	5/3/2017	BC GRAPHICS	1343-1	4/19/2017	Uniform shirts for Engineering Technician	\$239.17	
			Arizona Board of Technical		- / - / - /			
10530403	106409	5/19/2017	Registration	52411	5/15/2017	AC Civil Engineer License 52411 Renewal	\$225.00	420 207 40
Facilities Mainte	nanco					Т	Sub Total=	\$20,297.40
racintles Mainte	nance					Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177016	3/17/2017	Departments	\$24.95	
10331207	100313	3/3/2017	BENSON STSTEMS	177010	3/17/2017	Annual Alarm and Security Monitoring for all ToF	Ş24.33	
10531207	106315	5/3/2017	BENSON SYSTEMS	177017	3/17/2017	Departments	\$74.90	
		0/0/-0			5,21,2521	Annual Alarm and Security Monitoring for all ToF	7	
10531207	106315	5/3/2017	BENSON SYSTEMS	177018	3/17/2017	Departments	\$35.95	
						Annual Alarm and Security Monitoring for all ToF	•	
10531207	106315	5/3/2017	BENSON SYSTEMS	177019	3/17/2017	Departments	\$44.95	
	Ì					Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177020	3/17/2017	Departments	\$39.95	
						Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177021	3/17/2017	Departments	\$32.95	
						Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177022	3/17/2017	Departments	\$72.90	
		= (0 (0 5 :=			0.44=40-:-	Annual Alarm and Security Monitoring for all ToF	4	
10531207	106315	5/3/2017	BENSON SYSTEMS	177023	3/17/2017	Departments	\$72.90	

						Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177024	3/17/2017	Departments	\$65.90	
						Annual Alarm and Security Monitoring for all ToF		
10531207	106315	5/3/2017	BENSON SYSTEMS	177025	3/17/2017	Departments	\$34.95	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187676	5/1/2017	Exterminating for Town Buildings	\$10.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187677	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187679	5/1/2017	Exterminating for Town Buildings	\$10.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187680	5/1/2017	Exterminating for Town Buildings	\$10.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187681	5/1/2017	Exterminating for Town Buildings	\$35.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187682	5/1/2017	Exterminating for Town Buildings	\$10.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187683	5/31/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187684	5/1/2017	Exterminating for Town Buildings	\$35.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187685	5/1/2017	Exterminating for Town Buildings	\$35.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187694	2/1/2017	Exterminating for Town Buildings	\$35.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	187696	5/1/2017	Exterminating for Town Buildings	\$80.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189162	5/1/2017	Exterminating for Town Buildings	\$45.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189164	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189165	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189166	5/1/2017	Exterminating for Town Buildings	\$10.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189167	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189168	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189169	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189170	5/1/2017	Exterminating for Town Buildings	\$50.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189171	5/1/2017	Exterminating for Town Buildings	\$25.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189173	5/1/2017	Exterminating for Town Buildings	\$50.00	
10531207	106382	5/4/2017	UNITED EXTERMINATING	189175	5/1/2017	Exterminating for Town Buildings	\$45.00	
10531208	106434	5/19/2017	Day Auto Supply, Inc	713995	5/9/2017	Battery for PD Generator	\$175.39	
10531209	106319	5/3/2017	Day Auto Supply, Inc	712432		Hood lift support for FM-004	\$83.09	
10531209	106319	5/3/2017	Day Auto Supply, Inc	712699	4/24/2017	Oil and filter for FM-003	\$41.51	
10531209	106522	5/25/2017	Day Auto Supply, Inc	714376	5/12/2017	Stater switch for FM-007	\$28.91	
10531209	106522	5/25/2017	Day Auto Supply, Inc	714466	5/15/2017	Mac wet graphite for FM-007	\$9.51	
10531209	106575	5/26/2017	Day Auto Supply, Inc	714835	5/18/2017	Oil & filters for FM-2	\$30.10	
10531209	106575	5/26/2017	Day Auto Supply, Inc	714925	5/19/2017	Oil & filters for FM-4	\$22.32	
10531302	43017	5/16/2017	HOME DEPOT CREDIT SERVICES	043017 STMT	4/28/2017	Evaporative Cooler	\$71.74	
						Operating Supplies needed for Facilities		
10531302	106331	5/3/2017	HOME DEPOT CREDIT SERVICES	81167	3/14/2017	Maintenance	\$84.08	
						Operating Supplies needed for Facilities		
10531302	106331	5/3/2017	HOME DEPOT CREDIT SERVICES	7140024	3/7/2017	Maintenance	\$605.95	
10531302	106433	5/19/2017	Crescent Electric Supply Co.	S503038957001	1/18/2017	Misc. electric supplies/ Facilities Maintenance	\$586.68	
10531302	106433	5/19/2017	Crescent Electric Supply Co.	S503089174001	1/18/2017	Credit	-\$440.01	
					· · · · · ·			
10531302	106433	5/19/2017	Crescent Electric Supply Co.	S503403715001	3/31/2017	Misc. electric supplies/ Facilities Maintenance	\$2.20	
					*			
10531302	106433	5/19/2017	Crescent Electric Supply Co.	S503518317001	4/30/2017	Misc. electric supplies/ Facilities Maintenance	\$2.20	

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10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229166	4/21/2017	Blanket PO for Facilities Maintenance needs	\$5.26	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229212	4/25/2017	Blanket PO for Facilities Maintenance needs	\$10.53	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229270	4/27/2017	Blanket PO for Facilities Maintenance needs	\$6.48	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229281	4/28/2017	Blanket PO for Facilities Maintenance needs	\$8.73	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229311	5/1/2017	Blanket PO for Facilities Maintenance needs	\$16.31	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229321	5/1/2017	Blanket PO for Facilities Maintenance needs	\$0.41	
10531302	106442		FLORENCE TRUE VALUE HARDWARE	229329		Blanket PO for Facilities Maintenance needs	\$23.77	
10531302	106442		FLORENCE TRUE VALUE HARDWARE	229333		Blanket PO for Facilities Maintenance needs	\$5.26	
10531302	106442		FLORENCE TRUE VALUE HARDWARE	229364			\$10.83	
		· · ·				Blanket PO for Facilities Maintenance needs		
10531302	106442	· ·	FLORENCE TRUE VALUE HARDWARE	229366		Blanket PO for Facilities Maintenance needs	\$130.31	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229368	5/4/2017	Credit	-\$130.31	
10531302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	299250	4/27/2017	Blanket PO for Facilities Maintenance needs	\$11.88	
10531302	106456	5/19/2017	JOHNSTONE SUPPLY OF ARIZONA	450S3656580001	5/10/2017	Blanket P.O. for HVAC Supplies	\$262.07	
10531302	106488	5/19/2017	TRI DIM FILTER CORPORATION	18919611	5/10/2017	Air filters for Town buildings	\$368.75	
10531304	106511	5/25/2017	BC GRAPHICS	18871	5/18/2017	Uniform Shirts for Tom Celaya	\$165.66	
10531304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	Cintas Contract No. 7388: Uniform Rentals for PW/Utilities Staff	\$0.82	
10531304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	Cintas Contract No. 7388: Uniform Rentals for PW/Utilities Staff	\$0.82	
10531304	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	Cintas Contract No. 7388: Uniform Rentals for PW/Utilities Staff	\$0.82	
10531304	106517		Cintas Corporation Lock 696	696303251		Cintas Contract No. 7388: Uniform Rentals for PW/Utilities Staff	\$0.82	
10531304	106557		TOM CELAYA	UNIJEANS517		Uniform Jeans	\$246.70	
10531304	106325		FLORENCE TRUE VALUE HARDWARE	228975		Small Tools for Facilities Maintenance	\$8.42	
	106325		FLORENCE TRUE VALUE HARDWARE	229025		Small Tools for Facilities Maintenance	\$14.19	
10531311	100325	5/5/201/	I LONLINCE INDE VALUE HARDWARE	229025	4/13/2017	Small 10015 101 Facilities Walliterlance	\$14.19	
10531311	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229165	4/21/2017	Small Tools for Facilities Maintenance	\$24.44	
10531311	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229231	4/26/2017	Small Tools for Facilities Maintenance	\$17.90	

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105	31311	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229232	4/26/2017	Small Tools for Facilities Maintenance	\$4.21	
105	31311	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229297	5/1/2017	Small Tools for Facilities Maintenance	\$12.58	
105	31311	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229310	5/1/2017	Small Tools for Facilities Maintenance	\$11.26	
								·	
105	31311	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229313	5/1/2017	Small Tools for Facilities Maintenance	\$9.76	
105	31314	106374	5/4/2017	HOME DEPOT CREDIT SERVICES	1021233	5/2/2017	Electrical supplies for Tool room	\$100.00	
105	31316	43017	5/16/2017	Simplyexitsigns	043017 STMT	4/20/2017		\$84.75	
							Painting of vandalized doors at Library and		
105	31316	106348	5/3/2017	RIDDLE	16216-1	12/15/2016	Community Center	\$800.00	
							Silver King Sprinkler Repair Mojave Contract 12H-		
105	31316	106406	5/19/2017	American Fire Equipment	R3232T	4/25/2017	AFES-0604	\$334.01	
							TOF WasteWater Fire alarm Repair/ Mojave		
105	31316	106406	5/19/2017	American Fire Equipment	R3233T	4/25/2017	Contract 12H-AFES-0604	\$388.44	
							Repairs to Town Hall Duct Detectors and Strobes		
105	31316	106406	5/19/2017	American Fire Equipment	R3290T	5/11/2017	Mesc Contract 12H-AFES-0604	\$1,014.36	
	-							Sub Total=	\$6,434.21
General G	Governn	nent							
105	32201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	fire alarm-0236	\$50.36	
105	32201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	tn line-0593	\$99.84	
105	32201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	tn main line-7500	\$83.97	
					4				
105	32201	106429	5/19/2017	CENTURYLINK	5117	5/1/2017	911 locator-0238	\$78.91	
					4				
105	32201	106429	5/19/2017	CENTURYLINK	5117	5/1/2017	tn line-0593	\$106.84	
					4				
105	32201	106429	5/19/2017	CENTURYLINK	5117	5/1/2017	trunkline-0118	\$686.42	
	32201	106450		inContact, Inc.	669859	5/10/2017	Telephone	\$372.52	
105	32201	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	fire alarm-0236	\$50.93	
105	22201	100012	E /24 /2017	CENTUDVUNU	VARIOUS E17	E /16 /2017	to main line 7500	¢02.07	
105	32201	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	tn main line-7500	\$83.97	
105	32214	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	291 bailey-8933	\$149.61	
100		100000	5/5/202/		,, =:	.,,		Ψ1.5101	
105	32214	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	SK Alarm-0705	\$151.08	
105	32214	106456		JOHNSTONE SUPPLY OF ARIZONA	450S3617687001	4/7/2017	Thermostats for various town buildings /Silver King	\$432.18	
105	32214	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$784.39	
105	32214	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	291 Bailey-8933	\$149.60	
105	32214	106612	5/31/2017	CENTURYLINK	VARIOUS 517	5/16/2017	SK alarm-0705	\$152.79	
							Thermostats for various town buildings / Town		
105	32215	106456	5/19/2017	JOHNSTONE SUPPLY OF ARIZONA	450S3617687002	4/7/2017		\$2,809.16	
105	32215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$3,467.70	

10532314	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017	dollar store	\$16.07	ı
10532314	106623	5/31/2017	THE WATER SHED	10336	3/6/2017	Water & Ice	\$17.28	
10532314	106623	5/31/2017	THE WATER SHED	10337	3/6/2017	Water & Ice	\$13.16	
10532314	106623	5/31/2017	THE WATER SHED	10386	3/13/2017	Water & Ice	\$15.91	
10532314	106623	5/31/2017	THE WATER SHED	10466	4/3/2017	Water & Ice	\$13.16	
10532314	106623	5/31/2017	THE WATER SHED	10475	3/20/2017	Water & Ice	\$15.91	
10532314	106623	5/31/2017	THE WATER SHED	10540	3/27/2017	Water & Ice	\$22.49	
10532314	106623	5/31/2017	THE WATER SHED	10631	4/17/2017	Water & Ice	\$13.16	
10532314	106623	5/31/2017	THE WATER SHED	10634	4/17/2017	Water & Ice	\$31.81	
10532314	106623	5/31/2017	THE WATER SHED	10733	5/2/2017	Water & Ice	\$31.81	
10532314	106623	5/31/2017	THE WATER SHED	10785		Water & Ice	\$29.07	
10532408	106338		KIM A. HUNTER	Apr-17	4/26/2017	Teen Leadership and Programming	\$4,000.00	
10532408	106392	5/9/2017	FLORENCE UNIFIED SCHOOL DIST	May312017	5/4/2017	Graduation Senior Lock-in event on May 31,2 017	\$5,000.00	
10532408	106539	5/25/2017	KIM A. HUNTER	May-17	5/24/2017	Teen Leadership and Programming	\$4,000.00	
10532410	106551		SHI International Corp	B06331591		Aruba 2620-48-PoE+ Switch	\$2,667.95	
Į.			·	<del>!</del>			Sub Total=	\$25,598.05
Cemetery								
10533301	106552	5/25/2017	Staples Business Advantage	8044524239	5/13/2017	Green paper & fasterers/ Cemetery	\$28.24	
10533317	106331	5/3/2017	HOME DEPOT CREDIT SERVICES	814550	1/25/2017	Rebar	\$145.64	
	•						Sub Total=	\$173.88
Economic Develo	opment							
10551201	106389	5/9/2017	CENTURYLINK	Various417	4/16/2017	McFarland alarm-8030	\$50.36	1
10551201	106612	5/31/2017	CENTURYLINK	Various417	5/16/2017	McFarland-8030	\$50.93	
10551217	106323	5/3/2017	FLORENCE CHAMBER OF COMMERCE	2727	4/13/2017	1st Quarter CY2017 PSA	\$11,250.00	
10551401	106538		International Economic	287365May17	5/19/2017		\$420.00	
		-, -, -		,			Sub Total=	\$11,771.29
Police Operation	ıs							
11514505	106350	5/3/2017	RV STRIPES & GRAPHICS, INC.	22141	4/24/2017	Decals for 2 new PD Explorers	\$1,026.11	
Į.	1		·	1		·	Sub Total=	\$1,026.11
Public Works/St	reets							
12518201	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	Cell phones	\$522.08	
12518209	106319	5/3/2017	Day Auto Supply, Inc	712097	4/17/2017	Molding tape for ST-055	\$9.88	
12518209	106319		Day Auto Supply, Inc	712664		Window lift motor for ST-027	\$76.09	
12518209	106319	5/3/2017	Day Auto Supply, Inc	712860	4/25/2017	Oil & filter for ST-009	\$156.16	
12518209	106319	5/3/2017	Day Auto Supply, Inc	712907	4/26/2017	Oil & filters for ST-037	\$53.70	
12518209	106319	5/3/2017	Day Auto Supply, Inc	712916	4/26/2017	Brake pads for ST-037	\$41.30	
12518209	106321	5/3/2017	Earnhardt Service #25440 or 7118	1011913	4/25/2017	Dash top coverfor ST-012	\$265.46	
12518209	106322	5/3/2017	FLORENCE AUTO TINT	391105	4/19/2017	Window tint on ST-026 (street sweeper)	\$60.00	
12518209	106327	5/3/2017	GARRETT MOTORS	6058987/1	5/2/2017	Rebuild transfer case for ST-080	\$2,156.19	
12518209	106335		JONES AUTO CENTER	27439		A/C Evaporator & labor to install in ST-009	\$1,528.16	
		-,-,-	Day Auto Supply, Inc	712784		Tire buffing cleaner for Fleet	\$4.88	
12518209	106371							
12518209	106371		Day Auto Supply, Inc	712859		Horn contact & cap for ST-023	\$69.04	

12518209	106371	5/4/2017	Day Auto Supply, Inc	713017	4/26/2017	Breather for ST-011	\$134.79	
12518209	106371		Day Auto Supply, Inc	713052		Trailer hitch balls for ST-080	\$46.50	
12518209	106371		Day Auto Supply, Inc	713134		Oil & filter for ST-050	\$232.85	
12518209	106371		Day Auto Supply, Inc	713136	4/28/2017	Sea foam for Fleet	\$41.69	
12518209	106434		Day Auto Supply, Inc	713562	5/3/2017		-\$273.36	
12518209	106434		Day Auto Supply, Inc	713583		Dash mat for ST-012	\$44.53	
12518209	106434		Day Auto Supply, Inc	713645		Trailer hitchs for Streets Fleet	\$433.17	
12518209	106434		Day Auto Supply, Inc	713655		Tow strap kit for Fleet	\$25.87	
12518209	106434		Day Auto Supply, Inc	713715		Tie rod ends for ST-013	\$94.05	
12518209	106434		Day Auto Supply, Inc	714028		Wiper blades for ST-004	\$28.24	
12518209	106434		Day Auto Supply, Inc	714237		Brakleen & shop towels for Shop	\$30.12	
12518209	106434		Day Auto Supply, Inc	714343		Oil & filters for ST-010	\$176.80	
12518209	106461		Manatee Tire & Auto Inc., dba	167870		4 Tires for ST-010	\$563.43	
12518209	106461	<u> </u>	Manatee Tire & Auto Inc., dba	168106		Wheel alignment for ST-013	\$58.95	
12518209	106473		PURCELL TIRE COMPANY	6763003		2 Tires & labor to mount for ST-038 (loadall)	\$1,476.70	
12518209	106473		PURCELL TIRE COMPANY	6763076		2 Tires for ST-23 (patch truck)	\$904.43	
12518209	106477		SHAWS INTERIORS	3172045		Head liner repairfor ST-012	\$220.67	
12518209	106477		THE WATER SHED	10652		Annual gallons of distilled water for Fleet	\$5.26	
12518209			BlueTarp Financial	37885223		9K Rolling jack for Shop	\$347.00	
	106513		•				\$347.00	
12518209	106522		Day Auto Supply, Inc	714327		Gas cap for ST-59 (trencher) Body work for ST-019		
12518209	106523	5/25/201/	Dennis Watkins dba Autosonics	6940	5/17/2017	Body Work for \$1-019	\$1,068.54	
		- / /	ENABLES COLUMNIST	51 414 44 0 5 4 7 7 0 A	5/0/2017		40.000.00	
12518209	106526		EMPIRE SOUTHWEST	EMWK2547724		Repaires to ST-030 (grader)	\$3,000.00	
12518209	106575		Day Auto Supply, Inc	714747		WD-40 & Moly grease for Fleet	\$26.41	
12518209	106575		Day Auto Supply, Inc	714851		Buffing pads for Fleet	\$13.07	
12518211	106319		Day Auto Supply, Inc	712514		Air filter for ST-56 (mower)	\$9.01	
12518211	106319		Day Auto Supply, Inc	712553		Spark for ST-56 (mower)	\$2.16	
12518211	106319		Day Auto Supply, Inc	712657		Fuel filter for ST-56 (mower)	\$4.77	
12518211	106434	5/19/2017	Day Auto Supply, Inc	713281	5/1/2017	Spark plug & air filter for ST-57 (water trailer)	\$17.81	
12518211	106456	5/19/2017	JOHNSTONE SUPPLY OF ARIZONA	450S3617687002		Thermostats for various town buildings / PW	\$1,080.45	
12518211	106522	5/25/2017	Day Auto Supply, Inc	714137	5/10/2017	Fuel line for ST-59 (trencher)	\$49.70	
12518211	106522		Day Auto Supply, Inc	714180		Fuel pump for ST-59 (trencher)	\$205.61	
12518211	106522		Day Auto Supply, Inc	714241	5/11/2017	Spark plugs for ST-59 (trencher)	\$7.78	
12518211	106522		Day Auto Supply, Inc	714334	5/12/2017	Hose end for ST-59 (trencher)	\$2.02	
12518211	106522		Day Auto Supply, Inc	714357	5/12/2017	Sta-bill for ST-59 (trencher)	\$8.69	
12518211	106522	5/25/2017	Day Auto Supply, Inc	714460	5/15/2017	Hyd oil & filter for ST-59 (trencher)	\$91.71	
12518211	106522		Day Auto Supply, Inc	714494		Gear Oil for ST-59 (trencher)	\$37.53	
12518211	106522	5/25/2017	Day Auto Supply, Inc	714499	5/15/2017	Syngear Oil for ST-56 (trencher)	\$54.31	
12518211	106522		Day Auto Supply, Inc	714522		Gear oll 75W-140 for ST-59 (trencher)	\$30.41	
12518211	106522		Day Auto Supply, Inc	714565		Oil filter for ST-59 (trencher)	\$12.17	
12518211	106522		Day Auto Supply, Inc	714687		Gear shft boot for ST-59 (trencher)	\$3.68	
			• • • •		· · ·	, ,	, , , , ,	
12518211	106526	5/25/2017	EMPIRE SOUTHWEST	EMWK2547724	5/8/2017	Additional amount owed on PO# 46614	\$759.36	
12518211	106554	5/25/2017	STOTZ EQUIPMENT	W15429	5/22/2017	Additional amount owed on PO# 46821	\$97.11	

12518211	106554	5/25/2017	STOTZ EQUIPMENT	W15429	5/22/2017	Rebuild transmission in ST-006 (mower)	\$3,694.97	
12518215	106387	5/9/2017	BIA	Apr-17	5/1/2017	00353-electric	\$233.75	
12518215	106387	5/9/2017	BIA	Apr-17	5/1/2017	10522-electric	\$110.00	
12518215	106387	5/9/2017	BIA	Apr-17	5/1/2017	20509-electric	\$46.20	
12518215	106387	5/9/2017	BIA	Apr-17	5/1/2017	21243-electric	\$61.60	
12518215	106417	5/19/2017	AZ PUBLIC SERVICE COMPANY	AR0480005572	4/27/2017	Streetlight Maintenance	\$4,444.74	
12518215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$4,395.54	
				66289				
12518215	106525	5/25/2017	Electrical District No. 2	517	5/15/2017	electricity at 7158 Hunt Hwy	\$47.53	
12518217	106351	5/3/2017	SAFE SITE UTILITY SERVICES LLC	704085		GPR Scanning	\$270.00	
12518217	106351	5/3/2017	SAFE SITE UTILITY SERVICES LLC	704085	4/24/2017	Milage for services	\$280.00	
12518217	106377	5/4/2017	My Dr Now/Good Health Medical	603047	4/25/2017	CDL Physical for Victor Grajeda	\$99.00	
12518302	43017	5/16/2017	Vistaprint Netherlands B.V.	043017 STMT	4/20/2017	500 Business Cards -	\$22.99	
12518302	43017	5/16/2017	Vistaprint Netherlands B.V.	043017 STMT	4/20/2017	500 Business Cards -	\$22.99	
12518302	106331	5/3/2017	HOME DEPOT CREDIT SERVICES	2792251	1/17/2017	Tape Measure	\$11.26	
12518302	106331	5/3/2017	HOME DEPOT CREDIT SERVICES	2823050	1/11/2017	Aluminum Measuring Wheel	\$84.06	
12518302	106434	5/19/2017	Day Auto Supply, Inc	713675	5/4/2017	Blanket P.OOperating Supplies/ Streets	\$31.26	
12518302	106434	5/19/2017	Day Auto Supply, Inc	713676	5/4/2017	Blanket P.OOperating Supplies/ Streets	\$62.52	
12518302	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229546	5/15/2017	Blanket P.O. Operating Supplies/ STREETS	\$86.85	
12518302	106486		THE WATER SHED	10582	4/10/2017	Water & Ice Streets	\$48.87	
12518302	106486	5/19/2017	THE WATER SHED	10627	4/17/2017	Water & Ice Streets	\$42.33	
12518302	106486	5/19/2017	THE WATER SHED	10729	5/2/2017	Water & Ice Streets	\$73.31	
12518302	106486	5/19/2017	THE WATER SHED	16883	4/24/2017	Water & Ice Streets	\$53.31	
						Cintas Contract No. 7388: Uniform Rentals for		
12518302	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$8.41	
						Cintas Contract No. 7388: Uniform Rentals for		
12518302	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff	\$8.41	
						Cintas Contract No. 7388: Uniform Rentals for		
12518302	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff	\$8.41	
			,			Cintas Contract No. 7388: Uniform Rentals for	·	
12518302	106517	5/25/2017	Cintas Corporation Lock 696	696303251	5/3/2017	PW/Utilities Staff	\$8.41	
12518304	106431		CODY CURTIS	1024325	5/5/2017	Reimbursement for work boots	\$175.00	
12518304	106431		CODY CURTIS	1024328	5/5/2017	Reimbursement for Uniform Jeans	\$295.60	
							·	
12518304	106454	5/19/2017	JOHN PITTS C. JR.	R44091783	5/1/2017	Uniform Allowance for Jeans	\$243.94	
		. ,					,	
12518304	106516	5/25/2017	CHRIS MAHURIN	UNIJEANS517	5/19/2017	Uniform Allowance for Jeans	\$127.47	
·		· ·					,	
12518304	106516	5/25/2017	CHRIS MAHURIN	UNIJEANS517	5/19/2017	Uniform Allowance for Safety Boots	\$45.37	
12518304	106516		CHRIS MAHURIN	WKBOOTS517		Uniform Allowance for Jeans	\$172.87	
		. ,			, -,	Cintas Contract No. 7388: Uniform Rentals for	, -	
12518304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$29.67	

						Cintas Contract No. 7388: Uniform Rentals for		
12518304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff	\$29.67	
						Cintas Contract No. 7388: Uniform Rentals for		
12518304	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff Cintas Contract No. 7388: Uniform Rentals for	\$29.67	
12518304	106517	5/25/2017	Cintas Corporation Lock 696	696303251	5/2/2017	PW/Utilities Staff	\$40.93	
12518304	106317		HOME DEPOT CREDIT SERVICES	6835421		Two Smart Levels	\$272.18	
12518312	106552		Staples Business Advantage	8044524239		Two cases of electrolite popsicles for Streets	\$226.73	
						1 Year Subscription Fred Pryor Seminars - Susan	·	
12518313	43017	5/16/2017	FRED PRYOR SEMINARS	043017 STMT	4/26/2017		\$199.00	
12518316	106374	5/4/2017	HOME DEPOT CREDIT SERVICES	1021233	5/2/2017	Paint & electrical supplies for Tool room	\$495.18	
12518317	106413		ARIZONA STATE PRISON-FLORENCE	A04117A20170427		INMATE LABOR/ ROW	\$64.00	
12518322	106317	5/3/2017	CEMEX	9435354776	4/10/2017	AB restock/ 120 tons for Streets	\$739.29	
12518322	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228988	4/10/2017	Misc Supplies - 1st Street Project - non CIP	\$83.92	
12318322	100323	3/3/2017	TEORENCE TRUE VALUE HARDWARE	228388	4/10/2017	ivisc supplies - 1st street Project - non Cir	363.32	
12518322	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229246	4/26/2017	Misc Supplies - 1st Street Project - non CIP	\$17.89	
12518322	106366		Vulcan Materials Company	80295481		A/C Cold Mix for FY 16/17	\$2,891.75	
12518322	106366	5/3/2017	Vulcan Materials Company	80295482	4/24/2017	A/C Cold Mix for FY 16/17	\$9,216.59	
12518322	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229338	5/2/2017	Misc Supplies - 1st Street Project - non CIP	\$62.94	
42540222	105112	5 /4 0 /0 04 <b>7</b>	ELODENCE TRUE VALUE HARRIMARE	220260	F /2 /2017	Adias Consultant Ast Chanat Businets and CID	402.02	
12518322 12518322	106442 106494		FLORENCE TRUE VALUE HARDWARE Vulcan Materials Company	229360 80296349		Misc Supplies - 1st Street Project - non CIP  AC Cold Mix for Street Repair	\$83.92 \$2,345.79	
12518322	106494	5/19/2017	Vulcan Materials Company	80290349		Chip Seal & Fog Seal on various roads - approved	\$2,345.79	
12518322	106514	5/25/2017	CACTUS TRANSPORT, INC.	621715		on 2/21/2017 Town Council	\$141,984.71	
		-,,	,		, -, -	STREET STRIPING - QUOTATION GLIBERT RFP 2014-	7 - 1 - 7 - 5 - 11 - 1	
12518322	106546	5/25/2017	PAVEMENT MARKING, INC.	17117	5/14/2017	4106-0196 BID #160792	\$11,239.77	
						Cintas Contract No. 7388: Uniform Rentals for		
12536304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$5.24	
						Cintas Contract No. 7388: Uniform Rentals for	4	
12536304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff Cintas Contract No. 7388: Uniform Rentals for	\$5.24	
12536304	106517	E /2E /2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff	\$5.24	
12330304	100317	3/23/2017	Cirtas Corporation Lock 696	090300900	4/20/2017	Cintas Contract No. 7388: Uniform Rentals for	\$5.24	
12536304	106517	5/25/2017	Cintas Corporation Lock 696	696303251	5/3/2017	PW/Utilities Staff	\$5.24	
		-,,			5,5,55		75.21	
12536304	106521	5/25/2017	DAVID ELLIOTT	REIMWKBOOTS519	5/20/2017	Uniform Allowance for Safety Boots	\$172.87	
12536304	106521		DAVID ELLIOTT	UNIJEANS517		Uniform Allowance for Jeans	\$273.25	
12536311	106319		Day Auto Supply, Inc	712660		Tire valve stems for Fleet	\$6.39	
12536311	106434		Day Auto Supply, Inc	713719		Cut-off wheel for Shop	\$9.78	
12536311 12536311	106434 106434		Day Auto Supply, Inc	714149 714459		Hand torch for Shop	\$77.71 \$1.104.61	
12550311	100434	5/19/2017	Day Auto Supply, Inc	/14459	5/15/2017	Plasma cutter for Shop	\$1,194.61	
	106529	E /2E /2047	FLORENCE TRUE VALUE HARDWARE	229718	E /22 /2017	Galv nipple,bell & elbow for oil drain	\$81.21	

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12536311	106529	5/25/2017	FLORENCE TRUE VALUE HARDWARE	229724	5/22/2017	Ancher bolts for drill press	\$5.95	
12566507	106330	5/3/2017	HOLBROOK ASPHALT CO.	17-0547	4/20/2017	HA5 high density mineral bond pavement preservation treatment various locations.  Approval by Town Council 2/21/17.	\$124,522.00	
12566507	106330		HOLBROOK ASPHALT CO.	17-0548		HA5 high density mineral bond pavement preservation treatment various locations.  Approval by Town Council 2/21/17.	\$62,213.40	
12581507	106435		Desert Boring & Excavation, L.L.C.	7392		WU-26 1st Street Project	\$1,530.00	
12581507	106500		AJP ELECTRIC Inc.	16908		T-62 Attaway/Hunt Intersection Improvements - Construction of Traffic Signal	\$40,823.31	
·	•			•	•	•	Sub Total=	\$432,453.06
HURF								
22518209	106343	5/3/2017	PETTY CASH - FINANCE	0716-4/17	4/21/2017	MVD Titles	\$20.00	
							Sub Total=	\$20.00
<b>Customer Utility</b>	Deposits							
51219000	106320	5/3/2017	Temporary Vendor	10608946	5/1/2017	Water Depoist Refund	\$85.89	
51219000	106370		Temporary Vendor	10307309		Water Depoist Refund	\$103.79	
51219000	106568	5/26/2017	Temporary Vendor	10310602	5/11/2017	Water Depoist Refund	\$150.00	ĺ
51219000	106571	5/26/2017	Temporary Vendor	218045	5/12/2017	Water Depoist Refund	\$150.00	
51219000	106576	5/26/2017	Temporary Vendor	11208207	5/12/2017	Water Depoist Refund	\$150.00	
51219000	106579	5/26/2017	Temporary Vendor	10216514	5/15/2017	Water Depoist Refund	\$104.28	
51219000	106581		Temporary Vendor	308572		Water Depoist Refund	\$450.00	
51219000	106585		Temporary Vendor	10603534		Water Depoist Refund	\$150.00	
51219000	106590		Temporary Vendor	10618000	5/11/2017	Water Depoist Refund	\$150.00	
51219000	106592		Temporary Vendor	10200808		Water Depoist Refund	\$100.19	
51219000	106596		Temporary Vendor	419212		Water Depoist Refund	\$35.37	
51219000	106599		Temporary Vendor	10903912		Water Depoist Refund	\$150.00	
51219000	106602		Temporary Vendor	10602424		Water Depoist Refund	\$150.00	
51219000	106603		Temporary Vendor	201306		Water Depoist Refund	\$225.00	
51219000	106605		Temporary Vendor	419616		Water Depoist Refund	\$0.00	
51219000	106609		Temporary Vendor	419616		Water Depoist Refund	\$150.00	
51219100	106402		Temporary Vendor	HYDREF3821		Hydrant Refund #3821	\$649.28	
		0, 0, 0, 0			5/ -/	1.7,5	Sub Total=	\$2,953.80
Florence Water							342 . 3141-	72,333.00
51574201	106389	5/9/2017	CENTURYLINK	VARIOUS 4/17	4/16/2017	w/ww dialer-0246	\$51.72	
51574201	106429	5/19/2017	CENTURYLINK	5117	5/1/2017	w/ww alarm-8356	\$61.27	
51574201	106562		Verizon Wireless	9784369554		Cell phones	\$458.74	
51574201	106612		CENTURYLINK	VARIOUS 517		100 S Plant Rd-0246	\$52.30	
51574208	106322		FLORENCE AUTO TINT	391105		R&R Window tint on W-024 (backhoe)	\$220.00	
				30992				
51574208	106537	5/25/201/	HYDRA-STOP LLC	30992	4/2//2017	Quotation HSPQ11998-01 - Replace damaged tool	\$10,789.56	
51574208	106541		M & S EQUIPMENT, INC.	CI49539		Tiger teeth for W-24 (back hoe)	\$377.08	
51574208	106542	5/25/2017	Manatee Tire & Auto Inc., dba	168293	5/23/2017	4 Tires for W-32 (power vac)	\$380.82	

F4F74200	406274	E /4/2047	Day Auta Cumali, Inc	712704	4/25/2017	Tive buffing alasman for Floor	Ć4.00	
51574209	106371		Day Auto Supply, Inc	712784		Tire buffing cleaner for Fleet	\$4.88	
51574209	106371		Day Auto Supply, Inc	713136		Sea foam for Fleet	\$41.69	
51574209	106434		Day Auto Supply, Inc	713655		Tow strap kit for Fleet	\$25.87	
51574209	106434		Day Auto Supply, Inc	714237		Brakleen & shop towels for Shop	\$30.12	
51574209	106477		SHAWS INTERIORS	3172044		Seat repair for W-031	\$85.00	
51574209	106486		THE WATER SHED	10652		Annual gallons of distilled water for Fleet	\$5.26	
51574209	106513		BlueTarp Financial	37885223		9K Rolling jack for Shop	\$347.00	
51574209	106575		Day Auto Supply, Inc	714747		WD-40 & Moly grease for Fleet	\$26.41	
51574209	106575	5/26/2017	Day Auto Supply, Inc	714851	5/18/2017	Buffing pads for Fleet	\$13.07	
51574211	106308		APD POWER CENTER, INC.	03113B		Check out Compactor Rammer - Water	\$55.00	
51574211	106308		APD POWER CENTER, INC.	228850		Misc Water Repairs	\$661.18	
51574211	106408	5/19/2017	APD POWER CENTER, INC.	229842	5/3/2017	WATER - MISC REPAIRS	\$151.23	
51574215	106387	5/9/2017		Apr-17		21242-electric	\$1,318.27	
51574215	106387	5/9/2017		Apr-17	5/1/2017	21245-electric	\$2,142.32	
51574215	106505	5/25/2017	ARIZONA PUBLIC SERVICE	17-Apr	5/4/2017	ELECTRIC	\$13,128.02	
51574217	106459	5/19/2017	Legend Technical Svcs., Inc.	1703431	2/28/2017	Analytical Testing for Water for February 2017	\$400.00	
						Task Order #4 Professional Services PW Support		
51574217	106527	5/25/2017	EUSI, LLC	2244	5/3/2017	and Consulting Services	\$4,335.75	
						Task Order #3a: PW Management Support and		
51574217	106527	5/25/2017	EUSI, LLC	2245	5/5/2017	Consulting Services	\$5,220.60	
			Hansen Engineering & Surveying,				, , , , , , , ,	
51574217	106535	5/25/2017		5894C	5/16/2017	Survey Services - Medical Building Utility Lines	\$1,837.50	
51574217	106540		Legend Technical Svcs., Inc.	1705066		Analytical Testing for March 2017	\$320.00	
51574217	106550		RIPPLE INDUSTRIES	1768		Prof. Services: Install Ultrasonic Level	\$21,840.00	
3137 1217	100000	3, 23, 202,			57 17 25 21		Ψ21/0 (0.00	
				043017		500 Business Cards - David Hills500 Business Cards -		
51574302	43017	5/16/2017	Vistaprint Netherlands B.V.	STMT		Susan Jonas500 Business Cards - Timm Wainscott	\$23.01	
51574302	106486		THE WATER SHED	10462		Water & Ice Streets	\$11.93	
51574302	106486	-, -, -	THE WATER SHED	10570		Ice and water	\$11.33	
51574302	106486		THE WATER SHED	10582		Water & Ice Streets	\$5.43	
51574302	106486		THE WATER SHED	10627		Water & Ice Streets	\$4.70	
51574302	106486		THE WATER SHED	10729		Ice and water	\$8.14	
51574302	106486		THE WATER SHED	10723		Water & Ice	\$10.97	
51574302	106486		THE WATER SHED	16883		Water & Ice Streets	\$5.93	
31374302	100460	3/19/2017	THE WATER SHED	10003	4/24/2017	Cintas Contract No. 7388: Uniform Rentals for	\$5.55	
F1F74204	100517	E /2E /2017	Cintas Componetion Look COC	606306435	4/12/2017		¢5 54	
51574304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$5.54	
54574004	100517	E /2E /2047	o:	505000505	4/40/2047	Cintas Contract No. 7388: Uniform Rentals for	45.54	
51574304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff	\$5.54	
		= /0= /05 :=			. / /	Cintas Contract No. 7388: Uniform Rentals for	<b>4</b>	
51574304	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff	\$5.54	
						Cintas Contract No. 7388: Uniform Rentals for		
51574304	106517		Cintas Corporation Lock 696	696303251		PW/Utilities Staff	\$5.54	
51574310	106534	5/25/2017	HACH COMPANY	314604708	5/3/2017	SPEC COLOR STD, DPD CHLORINE 2635300	\$263.13	
51574311	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228973	4/10/2017	Blanket PO: Small Tools Water division	\$66.32	

51574311	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	229087	4/18/2017	Blanket PO: Small Tools Water division	\$22.88	
51574311	106364	5/3/2017	USABlueBook - ACCT 703717	230569	4/12/2017	Tools for water trucks	\$96.91	
51574311	106364	5/3/2017	USABlueBook - ACCT 703717	231049		Tools for water trucks	\$543.06	
51574311	106364	5/3/2017	USABlueBook - ACCT 703717	237639	4/20/2017	Lifting Equipment for installing vales & hydrants	\$118.09	
51574311	106434	5/19/2017	Day Auto Supply, Inc	714070	5/9/2017	Misc - Water - Small Tools	\$116.36	
51574311	106493	5/19/2017	USABlueBook - ACCT 703717	238273	4/20/2017	Lifting Equipment for installing vales & hydrants	\$271.79	
51574312	106309	5/3/2017	ARIZONA GLOVE & SAFETY	7425937	4/21/2017	Hard Hats, Hat Guards and Lens Cleaner	\$160.75	
51574320	106326	5/3/2017	FORTLINE INC	3880252	2/28/2017	Misc Parts	\$1,524.37	
51574320	106326	5/3/2017	FORTLINE INC	3914968	4/6/2017	Meters - Quote #5622093	\$1,212.54	
51574320	106326	5/3/2017	FORTLINE INC	3921078	4/12/2017		\$585.57	
51574320	106373	5/4/2017	FLORENCE TRUE VALUE HARDWARE	229095	4/18/2017	Blanket PO Misc Utility Line Maint Water lines	\$48.38	
0107.020	100070	37 .72327		======		Per diem for meals for RWAA Operator	ψ.0.00	
51574403	106336	5/3/2017	JOY JONAS	523-26/17		Certification Class & Testing 5/23/17-5/26/17	\$92.00	
51574403	106418		AZ Water Association	5032017		90th Annual AZ Water Conference &	\$195.00	
51574406	106318		CENTRAL ARIZONA PROJECT	68992		Water Service Charge Prepay 2017	\$33,587.20	
51574408	106341	-, -, -	NICHOLAS MORE BAGNALL	1225		Bee Extermination	\$1,320.00	
31374408	100341	3/3/2017	NICHOLAS WORL BAGNALE	1223	4/23/2017	Additional amount needed for taxes not on quote -	\$1,320.00	
F1F74400	100204	F /4 /2017	LICADI. ACCT 702717	205020	2/14/2017	·	¢24.05	
51574408	106384		USABlueBook - ACCT 703717	205029		other Po is 46368	\$31.85	
51574408	106384	-, , -	USABlueBook - ACCT 703717	205029		Misc Supplies - WaterDept	\$1,000.00	
51574506	106501		APD POWER CENTER, INC.	230419		Quote #227700 - MTX70 Rammer	\$3,126.90	
51574507	106317	5/3/2017		9435080409		WU-60 200 TON AB FOR 1ST STREET	\$3,030.48	
51574507	106317	5/3/2017		9435191259		400 TON AB FOR 1ST STREET PROJECT	\$6,947.10	
51574507	106317	5/3/2017		9435421961		100 tons of ABC - 1st Street Project - WU-60	\$1,552.12	
51574507	106326	5/3/2017	FORTLINE INC	3880615	2/28/2017	WU-26 1st Street Project	\$5,822.55	
						1ST STREET PROJECT - BLANKET - APPROVED		
51574507	106326	5/3/2017	FORTLINE INC	3904377	3/27/2017	3/6/17 TOWN COUNCIL	\$7,968.69	
						1ST STREET PROJECT - BLANKET - APPROVED		
51574507	106326	5/3/2017	FORTLINE INC	3906790	3/28/2017	3/6/17 TOWN COUNCIL	\$673.84	
						1ST STREET PROJECT - BLANKET - APPROVED		
51574507	106326	5/3/2017	FORTLINE INC	3914148	4/5/2017	3/6/17 TOWN COUNCIL	\$383.58	
						1ST STREET PROJECT - BLANKET - APPROVED		
51574507	106326	5/3/2017	FORTLINE INC	3916221	4/7/2017	3/6/17 TOWN COUNCIL	\$383.58	
51574507	106326	5/3/2017	FORTLINE INC	3920441	4/12/2017	Credit Memo-Invoice-3914148	-\$335.93	
51574507	106476	5/19/2017	SAFE SITE UTILITY SERVICES LLC	704129	5/3/2017	MEDICAL BUILDING - UTILITIES SEARCH	\$490.50	
		· · ·				MEDICAL OFFICE BUILDING - BLANKET - APPROVED	,	
51574507	106530	5/25/2017	FORTLINE INC	3937890		3/6/17 TOWN COUNCIL	\$12,403.34	
		-,,			-,-,-	Sole Soure - New Medical Office Waterline	7 = 2, 100 10	
51574507	106555	5/25/2017	T & K CONTRACTING LLC	32851	5/9/2017	Extension into Offsite	\$6,731.00	
31377307	100000	3, 23, 2017	2	32331	3,3,2017		70,731.00	
51581506	106329	5/3/2017	HAZEN and SAWYER	20084-0001	4/24/2017	WU-23 Water Well #1/Mileage	\$58.85	
21301300	100323	3/3/201/	IN LEIV UND SAWTEN	20004-0001		WU-23 Water Well #1/Chlorine Building -	ده.مدد	
E1E01E0C	106220	E /2 /2017	HAZEN and SAWYER	20084001		Engineering Services	¢6 411 25	
51581506 51581507	106329 106326		FORTLINE INC	3875519		Blanket PO:parts for misc waterline projects	\$6,411.35 \$3,111.15	
			FORTLINE INC	3875519		Blanket PO:parts for misc waterline projects  Blanket PO:parts for misc waterline projects	' '	
51581507	106326					· · · · · · · · · · · · · · · · · · ·	\$10,534.88	
51581507	106326	5/3/201/	FORTLINE INC	3921789	4/1//201/	Blanket PO:parts for misc waterline projects	\$1,303.62	

						WU-26 Water Storage Tank N Florence -		
51581507	106329	5/3/2017	HAZEN and SAWYER	2	4/24/2017	Engineering Services	\$1,155.00	
51581507	106356	5/3/2017	Superior Tank Solutions	1606P	4/20/2017	WU-26 Water Storage Tank - CIP Project	\$59,774.40	
							Sub Total=	\$237,267.24
Sewer Operation	ns South Pla							
52575201	106389		CENTURYLINK	VARIOUS 417		nw/w plant-2394	\$55.02	
52575201	106562		Verizon Wireless	9784369554		Cell phones	\$458.74	
52575201	106612	5/31/2017	CENTURYLINK	VARIOUS 517		NW/W Plant-2394	\$55.59	
						Vistaprint: Business cards for Superintendent		
52575203	43017	5/16/2017	Vistaprint Netherlands B.V.	043017 STMT	4/11/2017	Operators and Admin	\$20.33	
						Additional amount owed on Sales Tax for Blower		
52575208	106452		James, Cooke & Hobson Inc	354454	, , -	Repair from PO # 46026	\$638.43	:
52575208	106452		James, Cooke & Hobson Inc	354454		Repairs: Blower parts- 3 blowers @SWWTP	\$8,110.51	
52575208	106530	5/25/2017	FORTLINE INC	3913590	4/6/2017	Equipment Repair-Misc Parts SWWTP EQ	\$81.04	
52575208	106533	5/25/2017	GRAINGER, INC.	9410300512	4/7/2017	Blanket PO: Repair/Maintenance: SWWTP	\$38.15	
52575208	106533	5/25/2017	GRAINGER, INC.	9410461942	4/7/2017	Blanket PO: Repair/Maintenance: SWWTP	\$452.79	)
52575208	106533	5/25/2017	GRAINGER, INC.	9410461959	4/7/2017	Repair/Maint @ SWWTP	\$18.14	
52575209	106319	5/3/2017	Day Auto Supply, Inc	712498	4/21/2017	Dash mat for WW-006	\$44.53	
52575209	106319	5/3/2017	Day Auto Supply, Inc	712659	4/24/2017	Tire valve stems for WW-11	\$2.13	
52575209	106371		Day Auto Supply, Inc	712784	4/25/2017	Tire buffing cleaner for Fleet	\$4.89	
52575209	106371	5/4/2017	Day Auto Supply, Inc	713136		Sea foam for Fleet	\$41.68	
52575209	106405		AGATE INC	5673	5/1/2017	Steel for bed side boards for WW-25	\$62.70	
52575209	106434	5/19/2017	Day Auto Supply, Inc	713655	5/4/2017	Tow strap kit for Fleet	\$25.87	
52575209	106434		Day Auto Supply, Inc	714237	5/11/2017	Brakleen & shop towels for Shop	\$30.12	
52575209	106434		Day Auto Supply, Inc	714458		Fan clutch for WW-003	\$38.80	
52575209	106486		THE WATER SHED	10652		Annual gallons of distilled water for Fleet	\$5.28	
52575209	106513	5/25/2017	BlueTarp Financial	37885223		9K Rolling jack for Shop	\$347.00	
52575209	106575		Day Auto Supply, Inc	714747		WD-40 & Moly grease for Fleet	\$26.41	
52575209	106575		Day Auto Supply, Inc	714851		Buffing pads for Fleet	\$13.07	
		-, -, -	, , , , , , , , , , , , , , , , , , , ,			Purchase Tarpsnow.Com: Hardware for install of		
52575211	43017	5/16/2017	TarpsNow.com	043017 STMT		canopy at SWWTP	\$144.28	
52575211	106346		Pro-Tec Environmental, Inc.	17030802		Hydrovac/Jet-rodding service at SWWTP	\$1,155.00	
		-,-,			5, 5, 5, 5	Landfill Fees for March 2017 Bio-Solid Waste	7-/	
52575211	106401	5/19/2017	A.C. Sanitation Service, LLC	9146-117	4/19/2017		\$8,939.97	,
52575211	106441		Felix Construciton Company	16830901		WIFA Construction Sign	\$550.00	
32373211	100111	3/13/2017	. c.m construction company	10030301	3/3/201/	Fasteners and hardware to install canopy at	Ţ330.00	
52575211	106444	5/19/2017	Four Peaks Fasteners Inc	105158	5/1/2017		\$834.67	,
32373211	100444	3/13/2017	Tour reaks resteriors me	103130	-,,-	Blanket PO: Maintenance/Repair @ SWWTP	7034.07	
52575211	106445	5/10/2017	Geuther Electrical, LLC	2298	5/5/2017	I	\$240.00	
52575211	106462		MeHALL CONTRACTING LLC	2665		Pista Grit Inspection	\$960.00	
52575211	106505		ARIZONA PUBLIC SERVICE	17-Apr		ELECTRIC	\$24,649.42	
52575217	106303		Legend Technical Svcs., Inc.	17-Apri		Analytical Testing for SWWTP for February 2017	\$2,522.20	
52575217	106502		Aquatic Consulting	1620790		WET Testing at SWRF for October 2016	\$3,050.00	
323/321/	100302	3/23/201/	raquatic consuming	1020/90	11/23/2010	Task Order #4 Professional Services PW Support	\$5,050.00	
52575217	106527	5/25/2017	EUSL II C	2244	E /2 /2017	and Consulting Services	\$2,167.88	

						Task Order #3a: PW Management Support and		
52575217	106527	5/25/2017	EUSI, LLC	2245	5/5/2017	Consulting Services	\$2,610.30	
52575217	106540		Legend Technical Svcs., Inc.	1705068		Analytical Testing for March 2017	\$2,119.00	
52575301	106545	5/25/2017	OFFICE DEPOT INC	919711081	4/13/2017	Restock of various office supplies	\$7.26	
52575301	106545	5/25/2017	OFFICE DEPOT INC	919711539	4/13/2017	Restock of various office supplies	\$51.47	
52575301	106545	5/25/2017	OFFICE DEPOT INC	919711540	4/13/2017	Restock of various office supplies	\$37.26	
52575302	43017	5/16/2017	ULINE	043017 STMT	4/20/2017	Uline: lockable key cabinet	\$36.47	
52575302	43017	5/16/2017	Vistaprint Netherlands B.V.	043017 STMT	4/11/2017	Vistaprint: Business cards for Superintendent Operators and Admin	\$33.22	
52575302	43017	5/16/2017	WALMART COMMUNITY # 0005 7118	043017 STMT	4/28/2017	Walmart: Operating and Office Supplies for WWTP's	\$15.73	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228054	2/16/2017	Blanket PO: Operating Supplies for SWWTP	\$197.43	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228081	2/17/2017	Blanket PO: Operating Supplies for SWWTP	\$0.97	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228266	3/1/2017	Blanket PO: Operating Supplies for SWWTP	\$58.94	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228302	3/3/2017	Blanket PO: Operating Supplies for SWWTP	\$230.95	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228307	3/3/2017	Blanket PO: Operating Supplies for SWWTP	\$386.97	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228380	3/7/2017	Blanket PO: Operating Supplies for SWWTP	\$42.51	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228390	3/8/2017	Blanket PO: Operating Supplies for SWWTP	\$15.78	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228396	3/8/2017	Blanket PO: Operating Supplies for SWWTP	\$35.83	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228411	3/9/2017	Blanket PO: Operating Supplies for SWWTP	\$7.48	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228441	3/10/2017	Blanket PO: Operating Supplies for SWWTP	\$21.98	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228599	3/20/2017	Blanket PO: Operating Supplies for SWWTP	\$4.02	
52575302	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228819	3/31/2017	Blanket PO: Operating Supplies for NWWTP	\$50.85	
52575302	106325		FLORENCE TRUE VALUE HARDWARE	228946		Blanket PO: Operating Supplies for NWWTP	\$108.92	
52575302	106436		DGSI (Durham Geo Slope Indicator)	2100055	, , -	Water Level Indicator for WWTPs	\$346.15	
52575302	106447		HACH COMPANY HACH COMPANY	10411939		Blanket PO: Lab Supplies SWWTP Blanket PO: Lab Supplies SWWTP	\$42.22 \$299.69	
52575302 52575302	106447 106447		HACH COMPANY	10433901 10436328		Blanket PO: Lab Supplies SWWTP	\$299.69 \$131.57	
52575302	106447		THE WATER SHED	10436328		Water & Ice Streets	\$5.96	
52575302	106486		THE WATER SHED	10462		Water & Ice SWWTP	\$5.55	
52575302	106486		THE WATER SHED	107731		Water & Ice SWWTP	\$5.48	
52575302	106493		USABlueBook - ACCT 703717	235722		Blanket PO: Lab Supplies	\$84.94	
52575302	106536		HOME DEPOT CREDIT SERVICES	5642729		Storage bins/sheds for WWTP's	\$22.26	
52575302	106536		HOME DEPOT CREDIT SERVICES	6900533		Storage bins/sheds for WWTP's	\$391.86	

52575302	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	6900771	4/17/2017	Storage bins/sheds for WWTP's	\$400.01	
			Western Environmental Equipment			Sample Hose and Pump Tubes (vinyl suction line,		
52575302	106565	5/25/2017		SW4982	4/17/2017	silicone pump tubing for Model 3700 Sampler)	\$193.00	
52575304	106457	5/19/2017	JOY JONAS	ROSS9019	5/14/2017	Uniform Pant Allowance	\$27.73	
52575304	106457	5/19/2017		WALLMART873411		Uniform Pant Allowance	\$10.32	
						Cintas Contract No. 7388: Uniform Rentals for	·	
52575304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$7.08	
		-, -, -	•			Cintas Contract No. 7388: Uniform Rentals for	,	
52575304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff	\$7.08	
0=01000		-,,		000=0000	.,,	Cintas Contract No. 7388: Uniform Rentals for	71.00	
52575304	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff	\$7.08	
3237333	100017	0,20,2027		03000000	., 20, 202,	Cintas Contract No. 7388: Uniform Rentals for	ψ7.100	
52575304	106517	5/25/2017	Cintas Corporation Lock 696	696303251	5/3/2017	PW/Utilities Staff	\$7.08	
52575310	106448		HILL BROTHERS CHEMICAL CO,	50905937		1200 gals Hypochlorite Liquid Bleach for SWWTP	\$1,541.78	
52575310	106448		HILL BROTHERS CHEMICAL CO,	50906012		Sodium Bisulfite for SWWTP	\$226.92	
52575310	106448	-, -, -	HILL BROTHERS CHEMICAL CO,	50906012		Sodium Bisulfite for SWWTP	\$1,244.36	
52575310	106466		nsilab Solutions	342310		Ultra Low Total Chlorine QCI-148 (Pack of 25)	\$38.75	
32373310	100400	3/19/2017	IISIIAD SOIULIOIIS	342310	4/13/2017	Chemicals: SWWTP 2 drums of Polymer for Belt	\$30.75	
52575240	100470	F /10 /2017	SOLENIS II C	121154720	4/26/2017	· · · · · · · · · · · · · · · · · · ·	¢1 720 20	
52575310	106479		SOLENIS LLC	131154728	4/26/2017		\$1,730.38	
52575311	43017	5/16/2017	SEARS	043017 STMT	4/18/2017	Purchase Sears: Small Tools wrench	\$6.08	
		- /0 /00 -			2/1/221=		400.00	
52575311	106325	5/3/201/	FLORENCE TRUE VALUE HARDWARE	228278	3/1/201/	Blanket PO: small tools for SWWTP	\$62.06	
52575311	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228399	3/8/2017	Blanket PO: small tools for SWWTP	\$19.51	
52575311	106325		FLORENCE TRUE VALUE HARDWARE	228558		Blanket PO: small tools for SWWTP	\$54.88	
52575311	106423		BlueTarp Financial	37800505		Misc. Tools for WWTPs	\$15.05	
52575311	106513		BlueTarp Financial	37644077		Misc. Tools for WWTPs	\$52.13	
52575311	106513		BlueTarp Financial	37661025		Misc. Tools for WWTPs	\$10.87	
52575311	106513	5/25/2017	BlueTarp Financial	37828207	5/9/2017	Misc. Tools for WWTPs	\$10.69	
52575311	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	2900836	4/21/2017	Replace PO #45722-Small Tools for SWWTP	\$53.73	
52575311	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	3900484	3/31/2017	Replace PO #45722-Small Tools for SWWTP	\$10.73	
52575311	106561	5/25/2017	USABlueBook - ACCT 703717	231812	4/13/2017	Small tools for SWWTP	\$106.44	
52575313	43017	5/16/2017	AMERICAN WATER WORKS ASSOC	043017 STMT	4/1/2017	Purchase Awwa.Org: Treatment Operator Training	\$69.50	
52575317	106427	5/19/2017	CEMEX	9435108918	3/3/2017	150 tons 3/4 rock for SWWTP	\$2,450.00	
		*				Additional amount owed for freight on PO 46213		
52575317	106427	5/19/2017	СЕМЕХ	9435108918		for 3/4 rock at SWWTP"	\$454.13	
52575320	106346	5/3/2017	Pro-Tec Environmental, Inc.	17021001	2/28/2017	Utility Line Maint: Sewer Line Clean	\$1,320.00	
_			,				. ,	
52575335	106452	5/19/2017	James, Cooke & Hobson Inc	354466	3/8/2017	Additional amount owed on taxes from PO #46069	\$50.37	
52575335	106452		James, Cooke & Hobson Inc	354466		Equipment: Davit Crane w/ 2 bases for SWWTP	\$2,000.00	
		-,,,	,	3300	-,0,2017	Purchase Adobe *exportpdf Sub: Adobe converter	+ =,000.00	
52575401	43017	5/16/2017	ADOBE SYSTEMS INCORPORATED	043017 STMT	4/14/2017	software program.	\$12.98	
52575403	106503		ARIZONA DEPARTMENT OF	JOYNES 517		Operator Certification Fee- Jason Joynes	\$150.00	
32373403	100303	3/23/2017	AUTO OF AUTOE AUTOE	3011423 317	3,22,2017	WQL Acct. B2054708 AZMSG-100751 SWWTP	7130.00	
52575408	106411	5/10/2017	ARIZONA DEPARTMENT OF	000253117X	3/20/2017	-	\$500.00	
JZJ/J4U8	100411	2/13/201/	ANIZONA DEFAILINENT OF	00023311/7	3/20/2017	Annual Fee (1/21/17-2/20/17)	\$300.00	

						WQL Acct. B2040349 854 SWWTP Interim		
52575408	106411	5/19/2017	ARIZONA DEPARTMENT OF	000257289X	4/17/2017	Permitting Fee (3/10/17-3/31/17)	\$152.50	
						SU-85: Recharge Permitting and Design for	·	
52575507	106497	5/19/2017	WESTLAND RESOURCES INC	48603002	4/11/2017		\$4,352.98	
						SU-13 WWTP Expansion (N. Florence) ADEQ		
						Compliance Requirement: Replacement MAG		
52575507	106548	5/25/2017	RELEVANT SOLUTIONS LLC	WM342659	4/18/2017	Meter for Golf Course Flow Totalizing	\$1,884.44	
				•			Sub Total=	\$82,434.30
Sewer Operation								
52576201	106429	5/19/2017	CENTURYLINK	4 5117	5/1/2017	w/ww alarm-8356	\$61.27	
						Vistaprint: Business cards for Superintendent		
52576203	43017	5/16/2017	Vistaprint Netherlands B.V.	043017 STM1	4/11/2017	Operators and Admin	\$10.44	
52576208	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228540	3/15/2017	Blanket PO: Misc Repairs/Maintenance @ NWWTP	\$56.78	
52576200	406225	E /2 /2047	ELODENCE TRUE VALUE HARRIMARE	220622	2/24/2047	Plantat PO Miss Passins (Maintan and O NIM/M/TD	ć4 F0	
52576208	106325	5/3/201/	FLORENCE TRUE VALUE HARDWARE	228633	3/21/2017	Blanket PO: Misc Repairs/Maintenance @ NWWTP	\$1.58	
52576208	106225	E /2 /2017	ELODENCE TRUE VALUE HARDWARE	220766	2/20/2017	Planket PO: Operating Cumplies for NIM/M/TD	\$4.71	
32370208	106325	5/3/2017	FLORENCE TRUE VALUE HARDWARE	228766	3/29/2017	Blanket PO: Operating Supplies for NWWTP	\$4.71	
52576208	106325	E /2 /2017	FLORENCE TRUE VALUE HARDWARE	228780	2/20/2017	Blanket PO: Misc Repairs/Maintenance @ NWWTP	\$5.04	
32370208	100323	3/3/2017	FLORENCE TRUE VALUE HARDWARE	220700	3/30/2017	Bianket FO. Misc Repairs/Maintenance @ NWWTF	\$5.04	
52576208	106442	5/19/2017	FLORENCE TRUE VALUE HARDWARE	229330	5/2/2017	Blanket PO: Misc Repairs/Maintenance @ NWWTP	\$86.35	
52576208	106533		GRAINGER, INC.	9410300512		Blanket PO: Repair/Maint: NWWTP	\$38.14	
52576208	106533	<u> </u>	GRAINGER, INC.	9410461942		Blanket PO: Repair/Maint: NWWTP	\$452.79	
52576208	106533	<u> </u>	GRAINGER, INC.	9410461959		Repair/Maint @ NWWTP	\$18.13	
52576209	106434		Day Auto Supply, Inc	714237		Brakleen & shop towels for Shop	\$30.12	
52576211	106462	<u> </u>	MeHALL CONTRACTING LLC	2739		NWWTP Bar Screen Cleaning	\$1,550.00	
52576211	106561		USABlueBook - ACCT 703717	244690		Blanket PO: Maint/Repairs at NWWTP	\$980.51	
52576215	106387	5/9/2017		Apr-17		21241-electric	\$3,680.52	
52576217	106459		Legend Technical Svcs., Inc.	1703432		Analytical Testing for NWWTP for February 2017	\$650.00	
0.000		-,,		2.00.02		Task Order #4 Professional Services PW Support	7 3 3 3 3 3	
52576217	106527	5/25/2017	EUSI, LLC	2244	5/3/2017	and Consulting Services	\$2,167.87	
		-, -, -	,			Task Order #3a: PW Management Support and	, , -	
52576217	106527	5/25/2017	EUSI, LLC	2245	5/5/2017	Consulting Services	\$2,610.30	
52576217	106540		Legend Technical Svcs., Inc.	1705067	3/31/2017	Analytical Testing for March 2017	\$1,191.00	
52576301	43017		Staples Business Advantage	043017 STMT		Staples: Corner unit for Administrative Office	\$522.23	
		· · · · · · · · · · · · · · · · · · ·	WALMART COMMUNITY # 0005		· · · · · ·		·	
52576301	43017	5/16/2017	7118	043017 STMT	4/28/2017	Walmart: Operating & Office Supplies for WWTP's	\$46.96	
52576301	106481	5/19/2017	Staples Business Advantage	33374009985		Desk chair for Wastewater Superintendent	\$72.66	
52576301	106545	5/25/2017	OFFICE DEPOT INC	919711081	4/13/2017	Restock of various office supplies	\$7.25	
52576301	106545	5/25/2017	OFFICE DEPOT INC	919711539	4/13/2017	Restock of various office supplies	\$51.47	
52576301	106545	5/25/2017	OFFICE DEPOT INC	919711540	4/13/2017	Restock of various office supplies	\$37.26	
52576302	43017	5/16/2017	ULINE	043017 STMT	4/20/2017	Uline: lockable key cabinet	\$36.46	
52576302	106436		DGSI (Durham Geo Slope Indicator)	2100055	4/14/2017	Water Level Indicator for WWTPs	\$346.15	
52576302	106447	5/19/2017	HACH COMPANY	10411939	4/14/2017	Blanket PO: Lab Supplies NWWTP	\$42.21	
52576302	106447		HACH COMPANY	10433901	5/1/2017	Blanket PO: Lab Supplies NWWTP	\$299.68	
52576302	106447	5/19/2017	HACH COMPANY	10436328	5/2/2017	Blanket PO: Lab Supplies NWWTP	\$131.56	

52576302	106486	E/10/2017	THE WATER SHED	10462	4/2/2017	Water & Ice Streets	\$5.96	
			THE WATER SHED	10570		Water & Ice Streets Water & Ice NWWTP	\$5.55	
52576302	106486							
52576302	106486		THE WATER SHED	10731		Water & Ice NWWTP	\$5.49	
52576302	106536		HOME DEPOT CREDIT SERVICES	5642729		Storage bins/sheds for WWTP's	\$22.26	
52576302	106536		HOME DEPOT CREDIT SERVICES	6900533		Storage bins/sheds for WWTP's	\$391.85	
52576302	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	6900771	4/17/2017	Storage bins/sheds for WWTP's	\$400.00	
			Western Environmental Equipment			Sample Hose and Pump Tubes (vinyl suction line,		
52576302	106565	5/25/2017		SW4982	, , -	silicone pump tubing for Model 3700 Sampler)	\$193.00	
52576304	106457		JOY JONAS	ROSS9019		Uniform Pant Allowance	\$27.73	
52576304	106457	5/19/2017	JOY JONAS	WALLMART873411	4/22/2017	Uniform Pant Allowance	\$10.32	
						Cintas Contract No. 7388: Uniform Rentals for		
52576304	106517	5/25/2017	Cintas Corporation Lock 696	696296425	4/12/2017	PW/Utilities Staff	\$7.08	
						Cintas Contract No. 7388: Uniform Rentals for		
52576304	106517	5/25/2017	Cintas Corporation Lock 696	696298695	4/19/2017	PW/Utilities Staff	\$7.08	
			·			Cintas Contract No. 7388: Uniform Rentals for		
52576304	106517	5/25/2017	Cintas Corporation Lock 696	696300966	4/26/2017	PW/Utilities Staff	\$7.08	
		-,,			1, = 2, = 2 = 1	Cintas Contract No. 7388: Uniform Rentals for	7	
52576304	106517	5/25/2017	Cintas Corporation Lock 696	696303251	5/3/2017	PW/Utilities Staff	\$7.08	
52576310	106466		nsilab Solutions	342310		Ultra Low Total Chlorine QCI-148 (Pack of 25)	\$38.75	
52576311	43017	5/16/2017		043017 STM7	, -, -	Purchase Sears: Small Tools wrench	\$6.07	
52576311	106423	<u> </u>	BlueTarp Financial	37800505		Misc. Tools for WWTPs	\$15.05	
52576311	106423		BlueTarp Financial	37644077		Misc. Tools for WWTPs	\$52.12	
			-				·	
52576311	106513		BlueTarp Financial	37661025		Misc. Tools for WWTPs	\$10.86	
52576311	106513		BlueTarp Financial	37828207		Misc. Tools for WWTPs	\$10.69	
52576311	106536		HOME DEPOT CREDIT SERVICES	2900836		Replace PO #45722-Small Tools for NWWTP	\$53.73	
52576311	106536	5/25/2017	HOME DEPOT CREDIT SERVICES	3900484	3/31/2017	Replace PO #45722-Small Tools for NWWTP	\$10.72	
						Purchase Adobe *exportpdf Sub: Adobe converter		
52576401	43017	5/16/2017	ADOBE SYSTEMS INCORPORATED	043017 STM	4/14/2017	software program.	\$12.98	
52576408	106411	5/19/2017	ARIZONA DEPARTMENT OF	0000255777X	3/16/2017	WQL Acct B2022183 9954 NWWTP APP Annual Fee	\$2,500.00	
						SU-13 WWTP Expansion (N. Florence) - JOC P13-		
						0042: Removal and Installation of 1.7 Meter Belt		
52576507	106441	5/19/2017	Felix Construciton Company	168309001	5/5/2017	Press	\$13,346.27	
						Additional amount owed for Sales Tax for Flygt		
52576507	106452	5/19/2017	James, Cooke & Hobson Inc	354632	4/4/2017	Pumps from PO 46231	\$1,239.81	
						SU-13 WWTP Expansion (N. Florence),	·	
52576507	106452	5/19/2017	James, Cooke & Hobson Inc	354632	4/4/2017	Replacement of 2 Influent Pumps	\$14,576.00	
		-, -, -			, , -	SU-12 NWWTP Expansion (Misc Equip	, ,	
52576507	106462	5/19/2017	MeHALL CONTRACTING LLC	2740	5/8/2017	troubleshooting)	\$1,915.00	
32370307	100102	3/13/2017	WEINEZ CONTINUETHO ZZC	2710	3/0/2017	SU-85: Recharge Permitting and Design for	Ψ1,515.00	
52576507	106497	5/10/2017	WESTLAND RESOURCES INC	48603002	4/11/2017		\$4,352.97	
52576507	106532		Geuther Electrical, LLC	2312		CIP SU-12 NWWTP Electrical Relocate	\$320.00	
32370307	100532	3/23/2017	Gentilei Liectificai, LLC	2312	3/3/2017	CII 30-12 INVV VV IF LIECUICAI NEIOCALE	\$320.00 Sub Total=	\$54,740.94
Canitation	ı		T	1	I	I	วนม Tบเนา=	40.94,740.94
Sanitation	100507	E /26 /2047	Tomporani Vanda:	740750	E /4.0 /2.04.7	Refund Conitation Denosit	ĆE4 00	
53219000	106567		Temporary Vendor	710750		Refund Sanitation Deposit	\$51.00	
53219000	106569		Temporary Vendor	710222	-, -, -	Refund Sanitation Deposit	\$51.00	
53219000	106570	5/26/2017	Temporary Vendor	788220	5/11/2017	Refund Sanitation Deposit	\$34.00	

			T			T		1
53219000	106572	5/26/2017	Temporary Vendor	790800	5/10/2017	Refund Sanitation Deposit	\$51.00	
53219000	106573		Temporary Vendor	790850		Refund Sanitation Deposit	\$51.00	
53219000	106578	5/26/2017	Temporary Vendor	704033	5/10/2017	Refund Sanitation Deposit	\$51.00	
53219000	106580		Temporary Vendor	715633	5/10/2017	Refund Sanitation Deposit	\$51.00	
53219000	106583		Temporary Vendor	790860	5/24/2017	Refund Sanitation Deposit	\$34.00	
53219000	106584	5/26/2017	Temporary Vendor	706493	5/24/2017	Refund Sanitation Deposit	\$17.00	
53219000	106586		Temporary Vendor	790070		Refund Sanitation Deposit	\$51.00	
53219000	106587	5/26/2017	Temporary Vendor	703372	5/15/2017	Refund Sanitation Deposit	\$51.00	
53219000	106589		Temporary Vendor	785921		Refund Sanitation Deposit	\$51.00	
53219000	106591	5/26/2017	Temporary Vendor	713032		Refund Sanitation Deposit	\$51.00	
53219000	106593		Temporary Vendor	712774		Refund Sanitation Deposit	\$51.00	
53219000	106594		Temporary Vendor	790820	5/10/2017	Refund Sanitation Deposit	\$51.00	
53219000	106595		Temporary Vendor	790251		Refund Sanitation Deposit	\$51.00	
53219000	106598	5/26/2017	Temporary Vendor	709181	5/10/2017	Refund Sanitation Deposit	\$51.00	
53219000	106600		Temporary Vendor	792540		Refund Sanitation Deposit	\$34.00	
53219000	106604		Temporary Vendor	714061		Refund Sanitation Deposit	\$51.00	
53219000	106606		Temporary Vendor	790750		Refund Sanitation Deposit	\$51.00	
53219000	106607		Temporary Vendor	708371		Refund Sanitation Deposit	\$51.00	
53219000	106614		Temporary Vendor	712304		Refund Sanitation Deposit	\$17.00	
53219000	106618		Temporary Vendor	785740		Refund Sanitation Deposit	\$25.50	
53219000	106619		Temporary Vendor	702731		Refund Sanitation Deposit	\$75.00	
53571201	106562		Verizon Wireless	9784369554		Cell phones	\$46.38	
53571209	106371		Day Auto Supply, Inc	712938		Hood latch handle for ST-037	\$10.40	
53571209	106575		Day Auto Supply, Inc	714529		Wiper blades for ST-37	\$13.02	
53571217	106349		RIGHT AWAY DISPOSAL	1527883		RAD BILLING INSTITUTIONAL	\$37.74	
53571217	106349		RIGHT AWAY DISPOSAL	1535913		RAD BILLING INSTITUTIONAL	\$6,817.04	
53571217	106474		RIGHT AWAY DISPOSAL	1539548		RAD BILLING INSTITUTIONAL-Credit	-\$204.00	
53571217	106474		RIGHT AWAY DISPOSAL	158354		RAD Contact Residential	\$40,107.89	
53571217	106549		RIGHT AWAY DISPOSAL	1564314		RAD BILLING INSTITUTIONAL	\$6,831.00	
53571217	106549		RIGHT AWAY DISPOSAL	1566380		RAD BILLING INSTITUTIONAL-Credit	-\$282.00	
53571230	106428		Central Az Solid Waste Inc	TOF1703		Landfill Fees March	\$4,834.69	
53571230	106428		Central Az Solid Waste Inc	TOF1704		Landfill fees April	\$4,325.20	
53571304	106520		CURTIS WILLIAMS	UNIJEANS517		Uniform Allowance for Jeans	\$109.95	
53571304	106520	5/25/2017	CURTIS WILLIAMS	WKBOOTS517	5/23/2017	Uniform Allowance for Safety Boots	\$175.00	400 000 01
	1		Τ	1		T	Sub Total=	\$63,925.81
DOHS Stonegard		E /2E /224=	Mariana Minalana	070406055	F /4 C /00: =	DD Change Courley Call 21	400.00	
249516312	106562	5/25/2017	Verizon Wireless	9784369554	5/16/2017	PD Stone Garden Cell Phones	\$66.60	455.55
21/2 0 .	1		T	1		T	Sub Total=	\$66.60
BVP Grant	100100	E /40/2017	LININ/EDGAL DOLLGE CLIPPLY (1) C	24466	4/6/2017	Visite for Nivers and Dance	64.045.60	
250509312	106492	5/19/2017	UNIVERSAL POLICE SUPPLY INC	21166	4/6/2017	Vests for Nixon and Perez	\$1,945.69	64.045.00
CLIDC	1		T	1		T	Sub Total=	\$1,945.69
SLIDS	106506	E /2E /2047	Arizona Dublia Carrias Carraga	2076244000 543	E /2 /2047	CLID #1 Marvill Banch	ća aco aa	
300506215	106506		Arizona Public Service Company	2976311000 517		SLID #1-Merrill Ranch	\$2,368.33	
301506215	106506		Arizona Public Service Company	759602000 517		SLID #2 Merrill Ranch	\$2,361.61	
302506215	106506	5/25/201/	Arizona Public Service Company	2496090000 517	5/3/201/	SLID #3 Merrill Ranch	\$12,106.26	¢1.C 02.C 20
Duefeesianal Cam	iona		Г	1		T	Sub Total=	\$16,836.20
Professional Serv	ices			<u> </u>				

						Grand Total	\$1,269,659.85	\$1,551.25
				•		•	Sub Total=	\$7,537.29
920510217	106439	5/19/2017	EPS GROUP	164184	5/1/2017	CFD #2	\$2,800.00	
920506217	106621	5/31/2017	SIMS MURRAY, LTD	17871	4/30/2017	legal services: CFD Matters	\$1,372.50	
920506217	106394	5/9/2017	SIMS MURRAY, LTD	16721	12/12/2016	CFD Matters	\$450.00	·
920506217	106353	5/3/2017	SIMS MURRAY, LTD	17772	4/10/2017	Community Facilities District Matter	\$1,980.00	
911160000	106574	5/26/2017	Temporary Vendor	181600067-OP	5/11/2017	Overpayment	\$34.79	
910516217	106439	5/19/2017	EPS GROUP	164184	5/1/2017	CFD #1 area 8 unit 50	\$900.00	



# TOWN OF FLORENCE COUNCIL ACTION FORM

# AGENDA ITEM 11a

*CANCESED	COUNCIL ACTION TOKWI	i ia.				
MEETING DATE: Augu						
DEPARTMENT: Finar	EPARTMENT: Finance/Administration					
STAFF PRESENTER:						
	ading and adoption of Ordinance No. 657- for Fiscal Year 2017-18	☐ 1 <sup>st</sup> Reading ☐ 2 <sup>nd</sup> Reading ☐ Other				
STRATEGIC PLAN REFERENCE: ☐ Community Vitality ☐ Economic Prosperity ☐ Leadership and Governance ☐ Partnership and Relationships ☐ Transportation and Infrastructure ☐ Statutory ☐ None						

# **RECOMMENDED MOTION/ACTION:**

Second reading and adoption of Ordinance No. 657-17: AN ORDINANCE OF THE TOWN OF FLORENCE, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE TOWN OF FLORENCE, SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR GENERAL MUNICIPAL EXPENSES FOR THE FISCAL YEAR ENDING THE 30<sup>th</sup> DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

# **BACKGROUND/DISCUSSION:**

The Town of Florence levies a primary property tax annually. The rate that was levied last year was \$1.1182 per \$100 of Net Assessed Valuation (NAV). The proposed property tax rate is \$1.1345 per \$100/NAV. Within certain restrictions, the Town Council may choose the rate for FY 2017-2018.

As calculated by the Arizona Department of Revenue, the Truth-in-Taxation (TNT) rate is \$1.0580 per \$100/NAV, which is the maximum rate the Town can levy without having to hold a TNT hearing. Therefore, the Town is not required to hold a TNT hearing.

At the proposed rate of \$1.1345, the proposed property tax levy for the 2017-2018 Fiscal Year is \$1,017,439.

The Town levies an ad valorem, or secondary property tax, for the Merrill Ranch Streetlight Improvement Districts No. 1, No. 2, and No. 3. This year, due to adequate fund balance, there will be no levy.

The second reading and adoption of Ordinance No. 657-17 will occur on August 7, 2017, at the regular meeting.

# A VOTE OF NO WOULD MEAN:

Pursuant to A.R.S. §42-17151, the Town Council must adopt a property tax rate and levy for FY 2017- 2018.

# A VOTE OF YES WOULD MEAN:

The adoption of Ordinance No. 657-17 and establishment of the property tax rate and levy for FY 2017-2018.

# **FINANCIAL IMPACT**:

Primary taxes are calculated using Limited Property Value (LPV), and are used to pay for basic maintenance, and operation of the Town.

A \$100,000 LPV using our proposed rate of \$1.1345 per \$100/NAV would be \$113.45.

The levy would add to the General Fund revenue base and is essential to funding all of the departments within the General Fund that are necessary to maintain Town services.

District Levies are as follows:

Merrill Ranch Street Lighting District No. 1 - \$0 or \$0 per \$100/FCV Merrill Ranch Street Lighting District No. 2 - \$0 or \$0 per \$100/FCV Merrill Ranch Street Lighting District No. 3 - \$0 or \$0 per \$100/FCV

# **ATTACHMENTS:**

Ordinance No. 657-17
Truth-in-Taxation Levy Limit Worksheet (Arizona Dept. of Revenue)

### **ORDINANCE NO. 657-17**

AN ORDINANCE OF THE TOWN OF FLORENCE, PINAL COUNTY, ARIZONA, LEVYING THE ASSESSED VALUATION OF THE PROPERTY WITHIN THE TOWN OF FLORENCE SUBJECT TO TAXATION OF CERTAIN SUM UPON EACH \$100 OF VALUATION SUFFICIENT TO RAISE THE AMOUNT ESTIMATED TO BE RECEIVED FROM FUNDS FOR GENERAL MUNICIPAL EXPENSES FOR THE FISCAL YEAR ENDING THE 30th DAY OF JUNE 2018, AND DECLARING AN EMERGENCY.

**WHEREAS,** pursuant to A.R.S. §42-17151, the ordinance levying a primary property tax rate for the Fiscal Year 2017-2018 is required to be adopted no later than the third Monday in August; and

**WHEREAS,** the County of Pinal, is now the assessing and collecting authority for the Town of Florence. The Town Clerk is hereby directed to transmit a certified copy of the ordinance to the Assessor and Board of Supervisors of Pinal County, Arizona.

**NOW, THEREFORE, BE IT ORDAINED** by the Mayor and Council of the Town of Florence, Arizona, as follows:

**Section 1:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Town of Florence, except such property as may by law be exempt from taxation, a primary property tax rate sufficient to raise the sum of \$1,017,439 for the purpose of providing a General Fund of the Town of Florence, for the Fiscal Year ending on the 30<sup>th</sup> day of June 2018, but if the said sum exceeds the maximum levy allowed by law, the Board of Supervisors of Pinal County, is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 2:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Anthem at Merrill Ranch Street Lighting District No.1, Town of Florence, except such property as may by law be exempt from taxation, a secondary property tax rate of \$0 per \$100 of Net Assessed Valuation (NAV) for the purpose of providing operations and maintenance for the Anthem at Merrill Ranch Street Light Improvement District No. 1 for the Fiscal Year ending on the 30<sup>th</sup> day of June, 2018, but if the said sum exceeds the maximum levy allowed by law, the Board of Supervisors of Pinal County, is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 3:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Anthem at Merrill Ranch Street Lighting District No. 2, Town of Florence, except such property as may by law be exempt from taxation, a secondary property tax rate of \$0 per \$100/NAV for the purpose of providing operations and maintenance for the Street Light Improvement District No. 2 for the Fiscal Year ending on the 30<sup>th</sup> day of June, 2017, but if the said sum exceeds the maximum levy allowed by

law, the Board of Supervisors of Pinal County, is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 4:** There is hereby levied on each \$100 of the assessed value of all property, both real and personal, within the corporate limits of the Anthem at Merrill Ranch Street Lighting District No. 3, Town of Florence, except such property as may by law be exempt from taxation, a secondary property tax rate of \$0 per \$100/NAV for the purpose of providing operations and maintenance for the Street Light Improvement District No. 3 for the Fiscal Year ending on the 30<sup>th</sup> day of June, 2017, but if the said sum exceeds the maximum levy allowed by law, the Board of Supervisors of Pinal County, is hereby authorized to reduce the said sum to the maximum which is allowed by law.

**Section 5:** No failure by the officials of Pinal County, Arizona, to properly return the delinquent list and no irregularity in the assessment or commission in the same, or irregularity of any kind in any proceeding will invalidate such proceeding or invalidate any title conveyed by tax deed; nor will any failure or neglect of any officer or officers to perform any of the duties assigned to him or to them on the day within the time specified work an invalidation of any proceedings or of any such deed or sale or affect the validity of the assessment of a levy of taxes or of the judgment of sale by which the collection of the same may be enforced or in any manner affect the lien of the Town upon such property for the delinquent unpaid taxes; thereon, and no overcharge as to part of the taxes or of costs will invalidate any of the proceeding upon the lien, therefore, or a sale of the property under such foreclosure; and all acts of officers de facto will be valid as if performed by officer de jure.

**Section 6:** All ordinances and parts of ordinances in conflict herewith are hereby repealed.

**Section 7:** The immediate operation of the ordinance is necessary for the preservation of the public peace, health, and safety of the Town of Florence, and an emergency is hereby declared to exist; and this ordinance shall be in full force and effect from its passage and approval by the Mayor and Council of the Town of Florence, Arizona, and publication as required by the laws of the State of Arizona, and is hereby exempt from the referendum provisions of the constitution and laws of the State of Arizona.

**PASSED AND ADOPTED** by the Mayor and Council of the Town of Florence, Arizona, the 7<sup>th</sup> day of August 2017.

	Tara Walter, Mayor
ATTEST:	APPROVED AS TO FORM:
isa Garcia, Town Clerk	Clifford I Mattice Town Attorney

# **2017 LEVY LIMIT WORKSHEET**

Da	nte: 2/10/2017
PINAL COUNTY - TOWN OF FLORENCE	
MAXIMUM LEVY	2016
A.1. Maximum Allowable Primary Tax Levy	\$944,986
A.2. A.1 multiplied by 1.02	\$963,886
7.12. 7.1. Maniphod by 11.02	φοσο,σσσ
CURRENT YEAR NET ASSESSED VALUE	
SUBJECT TO TAXATION IN PRIOR YEAR	2017
B.1. Centrally Assessed	\$5,914,453
B.2. Locally Assessed Real Property	\$76,355,759
B.3. Locally Assessed Personal Property	\$2,689,500
B.4. Total Assessed Value (B.1 through B.3)	\$84,959,712
B.5. B.4. divided by 100	\$849,597
CURRENT YEAR NET ASSESSED VALUES	2017
C.1. Centrally Assessed	\$8,222,994
C.2. Locally Assessed Real Property	\$78,769,225
C.3. Locally Assessed Personal Property	\$2,689,500
C.4. Total Assessed Value (C.1 through C.3)	\$89,681,719
C.5. C.4. divided by 100	\$896,817
LEVY LIMIT CALCULATION	2017
D.1. LINE A.2	\$963,886
D.2. LINE B.5	\$849,597
D.3. D.1/D.2 (MAXIMUM ALLOWABLE TAX RATE)	1.1345
D.4. LINE C.5	\$896,817
D.5. D.3 multiplied by D.4 = MAXIMUM ALLOWABLE LEVY LIM	MIT \$1,017,439
D.6. Excess Collections/Excess Levy	
D.7. Amount in Excess of Expenditure Limit	
D.8. ALLOWABLE LEVY LIMIT (D.5 - D.6 - D.7)	\$1,017,439
2017 New Construction	\$4,722,007



# **RECOMMENDED MOTION/ACTION:**

Motion to approve a Master Agreement between the Town of Florence and Gila River Cellular General Partnership, dba Verizon Wireless ("Verizon Wireless") for the use of Town property in connection with Verizon Wireless' operation of its small cell wireless network and approval of three related site-specific Site Supplement Agreements (Site Supplement Nos. 1, 2 and 3) permitting Verizon Wireless to place transceiver equipment for its mobile network on certain streetlight poles and streetlight fixtures within the Town.

# **BACKGROUND/DISCUSSION:**

Verizon Wireless desires to upgrade its network and improve its coverage area for personal wireless services by locating compact wireless base stations containing transceiver equipment on certain streetlight poles and streetlight fixtures within the Town. The Town's planning staff has approved the design elements of the proposed licensed sites subject to each Site Supplement Agreement. The license granted to Verizon Wireless is non-exclusive. All equipment must be installed, operated and maintained by Verizon Wireless in accordance with the Town's codes and Verizon Wireless will also be required to obtain an encroachment permit for each site installation within the Town's right-of-way.

If the Town determines that such equipment requires relocation for a Town project, Verizon Wireless is responsible for the relocation expenses. Verizon Wireless must also ensure that its equipment and network do not cause radio frequency interference with existing wireless communication facilities, including public safety systems.

Meeting Date: August 7, 2017

Verizon Wireless is responsible for installing a separate electric meter for operation of its equipment and paying all charges for any electricity used for its facilities. The Agreement runs for ten years.

## A VOTE OF NO WOULD MEAN:

A vote of no would mean that Verizon Wireless will need to find an alternative means to improve its coverage area for personal wireless services and the Town will not receive the annual fee from the use of its streetlights.

# A VOTE OF YES WOULD MEAN:

A vote of yes would mean that Verizon Wireless obtains a master agreement and three site specific licenses to install its wireless base stations on streetlights in the Town and the Town receives annual license fees for such use

### FINANCIAL IMPACT:

Town staff negotiated annual fees for each site which are comparable to fees collected by other municipalities in Arizona. For example, the initial Annual Fee for Site Supplement No. 1 is \$3,368 subject to annual 2% increases.

Town staff negotiated annual fees for each site which are comparable to fees collected by other municipalities in Arizona. For example, the initial Annual Fee for Site Supplement No. 2 is \$3,368 subject to annual 2% increases.

Town staff negotiated annual fees for each site which are comparable to fees collected by other municipalities in Arizona. For example, the initial Annual Fee for Site Supplement No. 3 is \$3,368 subject to annual 2% increases.

# **ATTACHMENTS**:

 Agreement between the Town of Florence and Gila River Cellular General Partnership, dba Verizon Wireless for the Use of Town property in connection with the operation of a wireless network.

Meeting Date: August 7, 2017

- Site Supplement No. 1 and Exhibit 1
- Site Supplement No. 2 and Exhibit 1
- Site Supplement No. 3 and Exhibit 1

# AGREEMENT BETWEEN THE TOWN OF FLORENCE AND VERIZON WIRELESS FOR THE USE OF TOWN PROPERTY IN CONNECTION WITH THE OPERATION OF A WIRELESS NETWORK

This Agreement is made and entered into by and between the TOWN OF FLORENCE, Arizona ("Town") and Gila River Cellular General Partnership, d/b/a Verizon Wireless ("Company"). Town and Company may be referred to herein individually as a "Party" or collectively as the "Parties."

### RECITALS

This Agreement is made with reference to the following Recitals, each of which is deemed to be a material term and provision of this Agreement:

- A. Town is the owner of certain streetlight poles located in the public right-of-way situated within the town limits of the Town of Florence, Arizona ("ROW" or "Town ROW").
- B. Company represents that it is a telecommunications provider authorized to conduct business in the State of Arizona.
- C. Company desires to establish and operate a wireless grid system ("Wireless Network") comprised of more than one personal wireless service facility ("PWS Facility"), each of which utilizes small cell technology, in order to provide personal wireless services within the Town of Florence, Arizona.
- D. Company desires to construct, operate and maintain each PWS Facility from a Town-owned streetlight pole situated in the Town ROW and, for such purpose, desires to locate, place, attach, install, operate, control, and maintain small cell antennas and other related wireless communication equipment consistent with small cell technology ("Equipment") on Town-owned streetlight poles in the ROW.
- E. Company will agree to comply with Town's ROW use requirements as provided herein.
- F. Company will agree to provide and maintain accurate maps showing the location of each PWS Facility in Florence, Arizona, and the location of the Equipment it will use in the Town ROW, and comply with any other reasonable Town mapping requirements.

### **AGREEMENT**

### 1. Definitions and Exhibits.

- 1.1. <u>Definitions</u>. For the purposes of this Agreement and all Exhibits attached hereto, the following terms, phrases, words and derivations shall have the meaning given herein.
- a) Agreement means this Agreement for the Use of Town Property in Connection with the Operation of a Wireless Network.

- b) Attachment Fee or Pole Attachment Fee means that fee described in Subsection 10.2 and Exhibit C of this Agreement.
- c) Application Fee or License Application Fee means the fee described in Subsection 10.1 of this Agreement.
  - d) Town means the Town of Florence, Arizona.
- e) Company means Gila River Cellular General Partnership, d/b/a Verizon Wireless.
  - f) Day means calendar day.
- g) Encroachment Permit means a permit issued in compliance with the Town of Florence Code of Ordinances, which is used to regulate, monitor and control improvement, construction or excavation activities, or other work or activity, occurring upon or otherwise affecting the Town ROW.
- h) Equipment means small cell antennas and other wireless communications equipment utilizing small cell technology that is specifically identified and described in Exhibit 1 attached to each Site Supplement (as defined below).
- i) Hazardous Substance means any substance, chemical or waste that is identified as hazardous or toxic in any applicable federal, state or local law or regulation, including but not limited to petroleum products and asbestos.
- j) Small cell means compact wireless base stations containing their own transceiver equipment and that function like cells in a mobile network but provide a smaller coverage area than traditional macrocells.
- k) Small cell technology is wireless communication technology that uses small cell antennas and other equipment at wireless telecommunication facilities such as PWS Facilities.
- l) *Municipal Facilities* means those Town-owned streetlight poles and streetlight fixtures located within the ROW that are designated or approved by Town as being suitable for placement of Equipment.
- m) *Person* means any individual, sole proprietorship, partnership, association, corporation, or other legal entity or form of organization.
- n) Personal wireless services means any Federal Communication Commission (FCC) licensed commercial wireless telecommunications services including cellular, personal communications services (PCS), specialized mobile radio (SMR), enhanced specialized

mobile radio (ESMR), as well as unlicensed wireless services, and common carrier wireless exchange access services.

- o) Personal wireless service facility or PWS Facility means a type of telecommunications facility owned and operated by Company exclusively for the provision of personal wireless services and which generally consists of (i) one or more of Company's antennae located upon a Town streetlight pole; (ii) an equipment cabinet or power pedestal on a pad for Company's wireless communications equipment; (iii) connections, conduits and cables for transmitting signals between Company's antennae on a Town streetlight pole and the equipment cabinet or power pedestal related to the Town streetlight pole, and to/from points of utility connections; and (iv) such other components and designs as approved by Town. This does not include the installation of a generator.
- p) ROW or Town ROW means the surface of and the space above and below the public roads, streets and alley right-of-way, and public utility easements or other public ways of any type whatsoever, now or hereafter located and existing within the Town limits of Florence, Arizona, whether or not improved.
- q) Site Supplement means the form of the license granted by this Agreement, described in Section 2 below, and shown on Exhibit A.
- r) Streetlight fixtures means the streetlight brackets, luminaries and lamps, photo electric controls, external ballasts and other support elements attached, now or hereafter, to Town-owned streetlight poles located within the ROW.
- s) Streetlight pole means a pole structure, located within the ROW, which supports streetlight fixtures used for the lighting of the ROW.
- t) Term means the period that this Agreement is in effect as described in Subsection 9 .1 of this Agreement.
- u) *Telecommunications* means the transmission, between or among points specified by the user, of information of the user's choosing, without change in the form or content of the information as sent and received.
- v) *Telecommunications corporation* means a public service corporation to the extent that it provides telecommunications services in the State of Arizona.
- w) Telecommunications License means the license described in Subsection 3.1 of this Agreement.
- x) Telecommunications provider means a telecommunications corporation that constructs, installs, operates and maintains telecommunications facilities within the Town of Florence, Arizona.

- y) *Telecommunications services* means the offering of telecommunications for a fee directly to the public or to such users as to be effectively available directly to the public, regardless of the facilities used.
- z) Wireless communications equipment means actual electronic equipment, cabinets for such equipment, the antennas and/or dishes to be used to communicate with cell telephones and similar radiofrequency or cellular devices and/or any antennas used to relay signals off-site in bulk, and related connections, conduits and cabling.
- aa) Wireless Network means a wireless grid used by Company to provide personal wireless services within the Town of Florence, Arizona.
- bb) Agreement Effective Date means the first day of the month following the Agreement Execution Date (which date is stated in the unnumbered paragraph of this Agreement immediately preceding the signature blocks for the Parties).
- cc) Commencement Date means the date, under each individual Site Supplement, which is the first day of the month following the forty fifth (45<sup>th</sup>) day following the Supplement Effective Date (as defined in the Site Supplement).
- dd) Supplement Term means the period that an individual Site Supplement is in effect as described in Subsection 9.7 of this Agreement.
- 1.2. <u>Exhibits</u>. In addition to all applicable Laws (as defined below), including the Town of Florence Code of Ordinances, the following numbered documents, which are occasionally referred to in this Agreement, are formally incorporated and made part of this Agreement by this reference:
  - a. <u>Exhibit A</u>: Site Supplement Form.
  - b. Exhibit B: Minimum Limits of Insurance.
  - c. Exhibit C: Attachment Fee Schedule.

In the event of any conflict or ambiguity between this Agreement, including the above-referenced exhibits (the "Exhibits"), and any other agreement between Town and Company, this Agreement, together with the Exhibits, shall govern and prevail. In the event of any conflict or ambiguity between this Agreement, including the Exhibits, and any Site Supplement, the Site Supplement shall govern and prevail.

### 2. Site Supplement Granted and Terms.

2.1 <u>Scope</u>. Town, acting in its proprietary capacity as the owner of streetlight poles in the ROW, does grant to Company a nonexclusive license to use the Municipal Facilities identified in Exhibit 1 to each Site Supplement to attach, install, operate, maintain, upgrade, remove, reattach, reinstall, relocate and replace the Equipment that may be required to operate a

PWS Facility for the Wireless Network (the "Site Supplement"). This grant is subject to the terms, conditions and other provisions set forth in this Agreement; to applicable provisions of the Town Charter and/or Town Code, and any future amendments thereto; and all Laws and reasonable regulations of any regulatory agency having competent jurisdiction.

- 2.2. <u>Use of Town Property</u>. The Site Supplement allows Company to access, occupy and use ("Use") allocated available space on each of the streetlight poles identified as Municipal Facilities in Exhibit 1 to the Site Supplement to attach, install, operate, maintain, upgrade, remove, reattach, reinstall, relocate and replace the Equipment, as identified in such Exhibit 1, solely for the purpose of Company operating a PWS Facility as part of Company's Wireless Network. The Site Supplement also allows the installation, operation and maintenance of ground based, pad mounted equipment cabinets and/or power pedestals needed for the operation of Equipment attached to any of the Municipal Facilities, together with any related conduit, cable or wiring, with the location of any such cabinet or pedestal determined in connection with the issuance of an Encroachment Permit.
  - 2.3. <u>Limitations on Use</u>. The Site Supplement does not authorize Company to:
- a) Access, occupy or use any streetlight poles other than those designated by Town as Municipal Facilities shown in Exhibit 1 attached to a Site Supplement;
- b) Access, occupy or use any poles, improvements or structures of any kind, whether within or without the Town ROW, other than the items identified as Municipal Facilities shown in Exhibit 1 attached to a Site Supplement;
- c) Enter upon public property and attach, install, operate, maintain, upgrade, remove, reattach, reinstall, relocate, and/or replace any item of Equipment in or on poles or other structures not owned by Town and located within the ROW;
- d) Install or operate wireless telecommunications equipment for cable television signals or for the distribution of video programming directly to subscribers to a cable system as defined in the Federal Cable Act; and
- e) Use any poles, improvements or equipment owned by any third party, or use any Town-owned streetlight poles not identified as being Municipal Facilities.
- 2.4. <u>Subordinate Use</u>. Any right or privilege claimed pursuant to this Agreement by Company for any use of any public street or other public property shall be subordinate to any prior or subsequent lawful occupancy or use thereof by Town or any other governmental entity and shall be subordinate to any prior easement therein, provided however, that nothing herein shall extinguish or otherwise interfere with property rights established independently of this Agreement.

# 3. Additional License and Permits Required by Town Code.

- 3.1. <u>Telecommunications License</u>. When fully executed, this Agreement also shall constitute a grant of a nonexclusive Telecommunications License that satisfies the applicable telecommunications licensing requirements of the Town of Florence Code of Ordinances. The Telecommunications License allows Company to use portions of the Town ROW needed for purpose of providing personal wireless services through the installation, operation and maintenance of PWS Facilities as part of Company's Wireless Network utilizing the Equipment attached to the Municipal Facilities, all in accordance with the terms, conditions and provisions stated herein. The grant of the Telecommunications License pursuant to this Agreement is expressly made subject to Company satisfactorily completing any required written application and paying any required the application fee required under the Town of Florence Code of Ordinances at the time of the execution of any Site Supplement, to the extent not in contravention of any applicable Federal or State law.
- 3.2. Encroachment Permit. All of the Equipment will be installed, operated and maintained by or on behalf of Company in accordance with applicable provisions of the Town of Florence Code of Ordinances regulating wireless communications facilities as the same now exist or may be amended or adopted in the future, to the extent not in contravention of any applicable Federal or State law. Company or its designee will be required to apply and obtain an Encroachment Permit issued by the Town for work performed within the ROW, and the ROW will be used according to the plans submitted by Company and approved by the Town in issuing an Encroachment Permit. Execution of this Agreement does not constitute the issuance of an Encroachment Permit.

# 4. Basic Design and Installation Requirements for PWS Facilities Using Municipal Facilities.

- 4.1. <u>Basic design requirements</u>. The specific design requirements for the Equipment attached to any Municipal Facility or other Equipment installed for the operation a PWS Facility shall be established in writing during the review and approval of the Encroachment Permit for any Municipal Facility site. However, any such specific requirements shall be consistent with the following basic design requirements:
- a) The PWS Facility shall generally consist of an antenna attached to an existing Town-owned streetlight pole; an equipment cabinet or pedestal on a pad for housing wireless communication equipment used in operating the PWS Facility; connections, conduits and/or fiber optic cables connecting the antenna with the equipment cabinet, and to or from points of utility connections; and other components as approved by Town.
- b) The Equipment for the PWS Facility shall use small cell technology. The antenna or other Equipment shall be mounted at an approved location on the Town-owned streetlight pole so that it does not interfere with the streetlight fixtures supported by the streetlight pole.

- c) The Town-owned streetlight pole shall be used as the support element for the antenna and the PWS Facility generally. The Town-owned streetlight pole may be replaced by a replacement pole pursuant to Subsection 4.2(b) of this Agreement.
- d) Any fiber optic cable or wiring connecting the antenna to the equipment cabinet or pedestal must run inside the Town-owned streetlight pole and then underground to the equipment cabinet.
  - e) All other conduit, cable and wiring shall be located underground.
- f) (f) To the extent feasible, any antenna, equipment cabinet/pedestal, or Municipal Facility shall comply with any applicable color and screening requirements stated in the Town of Florence Code of Ordinances.

# 4.2. <u>Basic installation requirements.</u>

- a) All of Company's construction and installation work for its PWS Facility on one of the Municipal Facilities shall be performed at Company's sole cost and expense and in a good and workmanlike manner and promptly completed.
- b) When Company and Town have agreed on an existing Municipal Facility location as a suitable site for a PWS Facility, but the existing Town-owned streetlight pole needs to be replaced to accommodate the PWS Facility, then Company shall pay all costs related to replacing the Town-owned streetlight pole, including but not limited to installation of the replacement pole, transfer of the streetlight fixtures and/or other items attached to the existing Town-owned streetlight pole to the replacement pole, and removal and salvage of the existing Town-owned streetlight pole to the Town. Payment of the pole replacement costs does not provide Company with any ownership interest in the replacement pole.
- c) Town will be deemed to own the original Town-owned streetlight pole and the replacement pole.
- d) The re-installation or reattachment of the Equipment for the PWS Facility using the replacement pole shall be at Company's sole cost and expense.
- 4.3. <u>Additional installation criteria</u>. Additional installation design criteria, which may vary from the design criteria, are shown on Exhibit 1 attached to a Site Supplement and may be approved by the Town on a case by case basis, which approval shall not be unreasonably withheld, conditioned or delayed.

# 5. Common Conditions or Requirements Applicable to Site Supplements Issued Under this Agreement.

5.1. <u>Equipment Locations</u>. Company or its designee shall submit plans and specifications for Town review and approval, if required, and, if applicable, pay all applicable review and inspection fees prior to performing any work to construct or install Equipment on any

Municipal Facility identified in Exhibit 1 attached to a Site Supplement. If Company desires to change or add new locations, Company will submit a proposed Site Supplement indicating the additional Municipal Facilities that it wishes to use. Approval of any Site Supplement will be subject to approval by Town, which approval shall not be unreasonably withheld, conditioned or delayed, but which may take into account the impact of such approval on the residential neighborhood in which the proposed Municipal Facility is located.

- 5.2. <u>Damage to Town Property</u>. If Company damages or disturbs the surface or subsurface of any ROW or adjoining property, streetlight pole, streetlight fixture or other public improvement, in the exercise of the rights granted through this Agreement, Company will promptly, at its own expense, and in a manner reasonably acceptable to Town, repair the damage or disturbance.
- 5.3. <u>Public Emergency</u>. Town and Company shall notify each other of any emergency situations related to a PWS Facility or the streetlight pole on which it is located. If the emergency poses an immediate threat to public health, safety or welfare, Town shall have the right, upon reasonable notice to Company if practicable under the circumstances, to sever, disrupt, or detach any Equipment. Town shall, where reasonable, work with Company in responding to the emergency. Twenty-four (24) hour telephone notice will be considered reasonable in the event of an emergency. Company's telephone number for notice pursuant to this Section 5.3 shall be 800-264-6620.
- 5.4. <u>Streetlight Replacement</u>. If a Municipal Facility needs replacement or repair due to a traffic accident or deterioration, Company shall cooperate with Town to temporarily relocate its Equipment, if necessary, to allow about three (3) weeks replacement time or as otherwise specified in a notice to Company.
- a) At all times while this Agreement is in effect, Company, at its cost, shall provide to Town a least one (1) spare pole sufficient to serve as a replacement pole, which will be located at Town's Public Works Yard (the "Yard"), and which will be available for use by Town for the purpose stated in subsection 5.4 of this Agreement.
- b) As necessary, Town will use the spare pole to replace a damaged existing pole, and shall deliver the damaged pole and any damaged equipment to the Yard.
- c) Town will contact Company to pick up the damaged equipment and Company can reinstall its equipment once the replacement pole is installed and functioning as a Municipal Facility.
- d) Company shall have the right to temporarily use a Municipal Facility for its operation during the replacement period at a location reasonably acceptable to both Town and Company

# 5.5. Relocation.

- Company understands and acknowledges that Town may require Company to relocate one or more of its Equipment installations. Company shall at Town's direction and upon one hundred eighty (180) days prior written notice to Company, relocate such Equipment at Company's sole cost and expense whenever Town reasonably determines that the relocation is needed for any of the following purposes: (a) if required for the construction, modification, completion, repair, relocation, or maintenance of a Town or other public agency project; (b) because the Equipment is interfering with or adversely affecting proper operation of Town-owned Poles, traffic signals, communications, or other Municipal Facilities; or (c) to protect or preserve the public health or safety. In any such case, Town shall use reasonable efforts to afford Company a reasonably equivalent alternate location. If Company shall fail to relocate any Equipment as requested by the Town in accordance with the foregoing provision, Town shall be entitled to remove or relocate the Equipment at Company's sole cost and expense, without further notice to Company. Company shall pay to the Town actual costs and expenses incurred by the Town in performing any removal work and any storage of Company's property after removal within thirty (30) days of the date of a written demand for this payment from the Town.
- b) In the event Company desires to relocate any Equipment from one Municipal Facility to another, Company shall so advise Town. Town will use reasonable efforts to accommodate Company by making another reasonably equivalent Municipal Facility available for use in accordance with and subject to the terms and conditions of this Agreement.
- 5.6. <u>Non-exclusiveness</u>. Subject to Section 5.7(e), the rights and privileges granted to Company under this Agreement, and each license described herein, are nonexclusive.
- 5.7. <u>Non-interference</u>. The following provisions shall apply to ensure and/or avoid interference (both physical interference and radio frequency interference) resulting from Company's installation, operation and/or maintenance of its PWS Facilities, including, but not limited to, the Equipment that comprises each PWS Facility:
- a) RF Interference. Company shall ensure that the Equipment, the PWS Facility, and/or the Wireless Network will not cause radio frequency interference with existing wireless communication facilities or devices, cable television, broadcast radio or television systems, satellite broadcast systems, or Town traffic, public safety or other communications signal equipment existing at the time of installation of the Equipment and/or the Wireless Network. "Radio frequency interference" means the radiation or conduction of radio frequency energy (or electronic noise) produced by electrical and electronic devices at levels that interfere with the operation of adjacent equipment.
- b) Existing Uses. Company shall not interfere in any manner with the existing uses of Town property including ROW, and including sanitary sewers, water mains, storm drains, gas mains, poles, aerial and underground electric and telephone wires, streetlight fixtures, cable television, and other telecommunications, utility, and municipal property without the express written approval of the owner(s) of the affected property or properties.

- c) Town Communications. Company shall not interfere in any manner with current or future Town communications outside of the unlicensed 2.4 Ghz/5.1 to 5.8 Ghz frequencies and in any frequency range if deemed for a public safety communication purpose, nor with future uses of Town property including ROW by Town for public purposes.
- d) Interference. The term "interference" under this section means physical interference and radio frequency interference. Physical interference is where the Equipment causes reduced use of others' prior mounted equipment, or where the Equipment causes an obstruction in a necessary line-of-sign path. It is understood and agreed by the parties hereto the determination of "interference" shall be reasonably made by Town.
- e) Town Interference. Town agrees that Town and/or any other tenants, licensees, or users of the ROW who in the future take possession of space within the ROW within three hundred feet (300') of any Company Equipment will be permitted to install only such equipment that is of the type and frequency which will not cause harmful interference which is measurable in accordance with then existing industry standards to the then existing equipment of Company.
- f) Breach. Any occurrence of interference as proscribed herein shall be deemed a material breach. In such event, each party shall take all reasonable steps necessary to eliminate such interference within in a reasonable time period.
- g) FCC. Company shall comply with all applicable FCC rules and regulations.
- 6. **Privilege Limitations.** Any privilege claimed under this Agreement by Company shall be subordinate to any prior or subsequent occupancy or use by Town or any other governmental entity, and shall be subordinate to any prior lawful occupancy or use by any other person, and shall be subordinate to any prior easements; provided, however, that nothing in the Agreement shall extinguish or otherwise interfere with property rights established independently of the Agreement.
- 7. Limit of City's Liability. Town shall be liable only for the cost of repair to damaged components of Company's Equipment arising from the negligence or willful misconduct of Town, its employees, agents, or contractors.

# 8. Town's Reserved Rights.

8.1. Town Use of Municipal Facilities. Town reserves the right, but not the obligation, to maintain and operate its Municipal Facilities in such reasonable manner as will best enable Town to fulfill its own service requirements or obligations. Except as provided in this Agreement, Town shall not be liable for any interference with the operation of Company's Equipment, PWS Facilities or Wireless Network that may arise in any manner out of Company's use of the Municipal Facilities.

### 8.2. INTENTIONALLY OMITTED.

8.3. <u>Abandonment</u>. Town reserves the right to abandon, relocate or remove any Town streetlight pole. If such pole is identified as a Municipal Facility and Company has Equipment attached to it, Town shall give Company written notice of Town's intent to abandon, relocate or remove the streetlight pole and Company shall have one hundred eighty (180) days (or such lesser period of time as required due to the circumstances provided such circumstances are not due to Town's wrongful act or omission, including its failure to provide 180 days' notice when it could have reasonably done so) thereafter to move or remove Company's Equipment.

# 9. Term of Supplements and Agreement; Cancellation; Termination; Removal or Abandonment at Expiration.

- 9.1. <u>Term.</u> This Agreement shall be in effect for a period of ten (10) years commencing on the Agreement Effective Date, and expiring on the tenth (10<sup>th</sup>) anniversary of the Agreement Effective Date unless sooner cancelled or terminated as provided in this section (the "Term").
- 9.2. <u>Automatic Extension</u>. Subject to early termination or cancellation under Subsections 9.3 and 9.4, and provided that Company is not in material breach of this Agreement beyond any applicable notice and cure periods, the Term will automatically be extended for up to three (3), successive, five (5) year periods, with the first five-year extension of the Term commencing immediately upon the expiration of the initial period of the Term, and each additional five-year extension of the Term commencing immediately upon the expiration of the preceding additional period of the Term. All of the provisions of this Agreement shall be in effect during the Term and any extension of the Term.
- 9.3. <u>Company Cancellation</u>. Company may cancel this Agreement or any Site Supplement before the date of expiration by providing Town with ninety (90) days express written notice of cancellation. Such cancellation shall not be effective until Company has removed, as applicable, all Equipment from the Municipal Facility used under the Site Supplement, or each Municipal Facility subject to this Agreement, and otherwise complied with all provisions of this Agreement.
- 9.4. <u>Town's Cancellation</u>. The Town may revoke, alter, suspend, or cancel this Agreement before its date of expiration. The Town may invoke this paragraph only if one of the following defaults has occurred and Company has been notified in writing of such default and given appropriate time to cure such default:
- a) Company has failed to comply with any material provisions of this Agreement or has, by act or omission violated any material term or condition of the Agreement, and such failure is not cured within thirty (30) days of written notice from Town;
- b) Company has failed to comply with any lawful rule or regulation validly adopted by the Town Council that is material to compliance with the Agreement, and such failure is not cured within thirty (30) days of written notice from Town;

c) Company has failed to maintain its Equipment and operations, subject to the terms of this Agreement, in the streets and public rights-of-ways to the standard prescribed by the Town for safety, operation, maintenance, and general work in the streets and public rights of ways according to Town of Florence Code of Ordinances, and such failure is not cured within thirty (30) days of written notice from Town.

If the nature of the violation is such that it cannot be fully cured within thirty (30) days due to circumstances not under Company's control, the period of time in which Company must cure the violation shall be extended for such additional time reasonably necessary to complete the cure, provided that: (a) Company has promptly begun to cure; and (b) Company is diligently pursuing its efforts to cure. In the event any of the above violations is only specific to a particular Site Supplement, then Section 19.2 shall apply in lieu of this Section.

- 9.5. <u>Mutual Cancellation</u>. The Parties may mutually agree in writing to the cancellation of this Agreement and the Site Supplements.
- 9.6. <u>Abandonment</u>. If Company abandons the use of a Municipal Facilities location for a period of six (6) or more consecutive months, the Equipment shall be removed at the expense of Company. In the event Company is unable or refuses to remove such Equipment when requested by Town, Town may authorize removal and Company shall be responsible for all costs incurred for such removal.
- 9.7 Supplement Term. Each Site Supplement shall be in effect for a period of ten (10) years commencing on the "Commencement Date" determined in accordance with each Site Supplement, and expiring on the day before the tenth (10th) anniversary of the Commencement Date unless sooner cancelled or terminated as provided in this section (the "Supplement Term"). Subject to early termination or cancellation under Subsections 9.3 and 9.4, and provided that Company is not in material breach of the Site Supplement beyond any applicable notice and cure periods, the Supplement Term will automatically be extended for up to three (3), successive, five (5) year periods, with the first five year extension of the Supplement Term commencing immediately upon the expiration of the initial period of the Supplement Term, and each additional five-year extension of the Supplement Term commencing immediately upon the expiration of the preceding additional period of the Term. All of the provisions of this Agreement shall be in effect during the Supplement Term and any extension of the Supplement Term. Notwithstanding anything herein, after the expiration of this Agreement, its terms and conditions shall survive and govern with respect to any remaining Site Supplement in effect until their expiration or termination.
- 10. Fees and Charges. Company shall be solely responsible for the payment of all fees and charges in connection with Company's performance under this Agreement, including those set forth as follows:
- 10.1. <u>License Fee</u>. Company shall pay to Town, for the administrative costs of processing the application for this Agreement as a telecommunications license, an application fee in the amount of Three Thousand and No/100 Dollars (\$3,000.00) prior to submittal for approval of this Agreement to the Town Council.

- 10.2. Pole Attachment Fee. As of the Commencement Date for each Site Supplement, Company shall pay to Town an annual fee in accordance with the fee schedule set out in Exhibit C for the Municipal Facilities used by Company pursuant to the Site Supplement, for permission to occupy and use space on the Municipal Facilities. The annual fee paid per Municipal Facility location is non-refundable and is payable in advance, provided however, as to the initial annual fee, such annual fee shall be paid within sixty (60) days of the Commencement Date, but shall be prorated based on 365 days to the next anniversary of the Agreement Effective Date if the Commencement Date is not identical to the Agreement Effective Date. The annual fee shall thereafter be paid on or before the annual anniversary of the Agreement Effective Date during the Supplement Term of any Site Supplement.
- a) In the event a particular Site Supplement provides for the installation of (i) the Equipment on a Streetlight pole that is owned by a third party, such as Arizona Public Service Electric Company; and (ii) the remaining Equipment and any associated apparatus on the ground within the ROW, the Pole Attachment Fee due pursuant to Section 10.2 above shall be equal to 50% of the applicable annual Equipment Fee under the Category 1 fee schedule set out in Exhibit C as determined by the dimensions of the equipment to be installed on the ground within the ROW; provided however, if the ground based equipment is 50 cu. ft. or less, the annual fee shall be 50% of the Total WCF Annual Fee.
- (b) Town hereby agrees to provide to Company certain documentation (the "Rental Documentation") evidencing Town's interest in, and right to receive payments under, this Agreement, including without limitation: (i) a complete and fully executed Internal Revenue Service Form W-9, or equivalent, in a form acceptable to Company, for any party to whom rental payments are to be made pursuant to this Agreement; and (ii) other documentation requested by Company in Company's reasonable discretion. From time to time during the Term of this Agreement and within thirty (30) days of a written request from Company, Town agrees to provide updated Rental Documentation in a form reasonably acceptable to Company. Delivery of Rental Documentation to Company shall be a prerequisite for any payments due under this Agreement by Company and notwithstanding anything to the contrary herein, Company shall have no obligation to make any payments until Rental Documentation has been supplied to Company as provided herein.
- 10.3. Encroachment Permit. No payment is collected under this Agreement for any Encroachment Permit issued in connection with the installation of a PWS Facility or Equipment at any Municipal Facility. Encroachment Permit requirements, fees and charges are solely governed by the requirements imposed by the Town of Florence Code of Ordinances. Fees and charges for any such Encroachment Permit usually are collected at the time such a permit is applied for and issued.
- 10.4. <u>Annual Fee Increase</u>. On each year anniversary of the Agreement Effective Date, the Annual Attachment Fee for all existing Site Supplements shall be increased by 2% over the rate previously in effect.

- 10.5. <u>Taxes</u>. Company shall pay all applicable Town, county and state taxes levied, assessed, or imposed by reason of this Agreement or those related to any of Company's PWS Facilities and/or provided services. Such taxes are in addition to any non-tax amounts owed by Company to Town pursuant to this Agreement.
- 10.6. <u>Electric meter</u>. Company shall install or cause to be installed a separate electric meter on a ground mounted pedestal or on Company's pad mounted equipment cabinet for the operation of its Equipment and shall be responsible for paying all charges for any electricity furnished by a utility company furnishing service to the PWS Facility.
- 10.7. Payments Made. All fees and/or additional payments shall be payable to Town at: \_\_\_\_\_\_\_\_; or to such other persons or at such other places as Town may designate in writing. All payments shall be in lawful money of the United States of America.

## 11. Title and Ownership.

- 11.1. <u>Title to the PWS Facility</u>. Title to the PWS Facility, exclusive of the streetlight pole (original or replacement) used for support, but including ground mounted equipment, shall remain with Company and shall constitute Company's personal property or equipment and not fixtures or improvements attached to the land. Company shall remove all of the PWS Facility, including all Equipment attached or ground mounted, at its sole expense within sixty (60) days of the expiration or earlier termination of this Site Supplement, shall repair any damage to the Municipal Facilities or the Town ROW caused by such removal, and shall restore the Municipal Facilities to the condition in which they existed prior to the installation of the PWS Facility and any of its Equipment (whether attached or ground mounted), reasonable wear and tear and loss by casualty or other causes beyond Company's control excepted.
- 11.2. No Ownership in Town Property. Neither this Agreement, nor any license issued herein, nor any Encroachment Permit separately issued for installation of a PWS Facility or any Equipment, regardless of the payment of any fees and charges, shall create or vest in Company any ownership or property rights in any portion or elements of the Municipal Facilities, the underlying real property on which any Town-owned streetlight poles or any Equipment is located, or any portion of the Town ROW. Additionally, Company acknowledges that this Agreement does not constitute or create a leasehold interest or right to the benefit of any Town property or portion thereof. Company accepts the Municipal Facilities identified in any Site Supplement, or any replacement streetlight pole, in its "AS IS" condition, without representation or warranty of any kind by Town, or any Town officer, agent, or employee, and subject to all Laws governing the use of the Town streetlight poles or Town ROW for Company's intended purpose. Nothing contained in this Agreement shall be construed to compel Company to construct, retain, extend, place, or maintain any poles or other facilities for the benefit of Town which are not needed for Company's own service requirements.
- 12. Maintenance and Repair. Company shall take good care of the PWS Facility and the Municipal Facility, keep the PWS Facility and other improvements on the Municipal Facility,

if any, in good repair, and shall maintain and keep the Municipal Facility in good condition in accordance with Town of Florence standards.

- 13. Hazardous Substances. Company agrees that Company, its contractors, subcontractors and agents, will not use, generate, store, produce, transport or dispose any Hazardous Substance on, under, about or within the area of a Municipal Facility or the Town ROW in which it is located in violation of the Arizona Hazardous Waste Management Act, A.R.S. §49-901 et seq., the Resource Conservation and Recovery Act, 42 U.S.C. §6901 et seq., or the Toxic Substances Control Act, 15 U.S.C. §2601 et seq., or any other applicable federal, state, county, or local law or regulation. Company may not use the Town ROW in a manner that would require a permit or approval related to a Hazardous Substance from the Arizona Department of Health Services or any governmental agency other than Town. Except to the extent of the negligence or intentional misconduct of Town, Company will pay, indemnify, defend and hold Town harmless against and to the extent of any loss or liability incurred by reason of any Hazardous Substance produced, disposed of, or used by Company pursuant to this Agreement and must immediately notify Town of any Hazardous Substance at any time discovered or existing upon the Town ROW. Company will ensure that any on-site or off-site storage, treatment, transportation, disposal or other handling of any Hazardous Substance will be performed by persons who are properly trained, authorized, licensed and otherwise permitted to perform those services.
- 14. Surety Bond. At or before the Agreement Effective Date, Company shall file with Town a good and sufficient surety bond in accordance with the requirements of Arizona law. The form and terms of the surety bond and the identity of the surety shall be subject to the reasonable approval of the Florence Town Attorney and the surety shall guaranty the full performance of Company's obligations arising upon expiration, termination or abandonment of this Agreement. Any acceptable surety instrument having an expiration date earlier than the full lease term shall be automatically renewable. Any company issuing such a surety instrument must give Town at least thirty (30) days advance written notice prior to the effective date of cancellation or expiration of such surety instrument. The amount of the surety bond shall be \$15,000.00, which is based upon the estimated cost of removing Company's Equipment from the Municipal Facilities and the storing or disposing thereof.
- 15. Indemnity. To the fullest extent permitted by law, but except to the extent of the negligence or intentional misconduct of Town or its agents, contractors or employees, Company, its successors, assigns and guarantors, shall indemnify, defend, save and hold harmless, Town, and any of its elected or appointed officials, officers, directors, commissioners, board members, agents or employees, from and against any and all allegations, demands, claims, proceedings, suits, actions, damages, including, without limitation, property damage, environmental damages, personal injury and wrongful death claims, losses, expenses (including claim adjusting and handling expenses), penalties and fines (including, but not limited to, attorney fees, court costs, and the cost of appellate proceedings), judgments or obligations, which may be imposed upon or incurred by or asserted against Town by reason of this Agreement or the services performed or permissions granted under it, or related to, to the extent arising from or out of, or resulting from any negligent or intentional actions, acts, errors, mistakes or omissions caused in whole or in part by Company, or any of its contractors or subcontractors, or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, relating to the discharge of

any duties or the exercise of any rights or privileges arising from or incidental to this Agreement, including but not limited to, any injury or damages claimed by any of Company's, contractor's or subcontractor's employees.

#### 16. Insurance Requirements.

- 16.1. <u>Insurance</u>. Company shall procure and maintain insurance in the amounts and form specified in attached Exhibit B.
- 16.2. <u>Certificates</u>. If a Certificate of Insurance or Self-Insurance is submitted as verification of coverage, Town will reasonably rely upon the Certificate as evidence of coverage but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement. If any of the required policies expire during the life of this Agreement, Company must forward renewal or replacement Certificates to Town within ten (10) days after the renewal date containing all the necessary insurance provisions.

#### 17. Transferability.

- 17.1. This Agreement and each license granted herein is personal to Company and for Company's use only. Company shall not lease, sublicense, share with, convey or resell to others any such space or rights granted hereunder. Violation of this subsection will be grounds for termination under Section 19.2.
- 17.2. This Agreement and the related rights and privileges may not be assigned or otherwise transferred without the express written consent of Town done by an ordinance or resolution passed by the Town Council, which consent shall not be unreasonably withheld, conditioned or delayed. Any Agreement which is assigned or otherwise transferred pursuant to this Section shall be equally subject to all the obligations and privileges of this Agreement including any amendments, which will remain in effect, as if the assigned Agreement was the original Agreement. Violation of this subsection will be grounds for termination under Section 19.2.
- 17.3. After assignment, this Agreement, including any amendments, shall be binding on the assignee to the full extent that was binding upon Company.
- 17.4. Any non-permitted transfer or assignment of the right to attach a PWS Facility to a Town-owned streetlight pole shall be void and not merely voidable. Town may, in its sole discretion and in addition to all other lawful remedies available to Town under this Agreement, may collect any fees owed from Company all without prejudicing any other right or remedy of Town under this Agreement. No cure or grace periods shall apply to transfers or assignment prohibited by this Agreement or to the enforcement of any provisions of this Agreement against a transferee or assignee who did not receive Town's consent.
- 17.5 Notwithstanding anything to the contrary in this Section 17, Company shall have the right to assign this Agreement to any parent, subsidiary, or affiliate entity or to any entity

acquiring all or substantially all of the assets of Company, upon written notice to Town, but without the consent or approval of Town.

18. Remedies for Violation of this Agreement. Town may pursue any remedy at law, including but not limited to injunctive relief, civil trespass, and withholding of other Town permits and authorizations until Company fully complies with the terms of this Agreement. Such remedies are cumulative and may be pursued in the alternative.

#### 19. Termination/Revocation.

- 19.1. <u>Termination</u>. Town, in addition to seeking any other remedy available to it, may terminate this Agreement if Company neglects or refuses to comply with any provisions of this Agreement beyond all applicable cure periods and fails within sixty (60) days after a second written notice from Town to correct such neglect, refusal or default; except that where Town finds that the defect in performance is due to intentional misconduct, is a violation of criminal law, or is part of a pattern of violations where the licensee has already had notice and opportunity to cure, the applicable cure period shall be thirty (30) days after written notice from Town.
- 19.2. <u>Revocation</u>. In addition to Subsection 19.1 above, the Site Supplement granted under this Agreement may be revoked, subject to notice and hearing as set forth herein, for the following reasons:
- a) Company fails to comply with the terms and conditions of the Site Supplement or other applicable law and such failure is not cured within thirty (30) days of written notice from Town.
- b) Company fails to make the payments in the amounts and at the times specified in the Agreement for the Site Supplement and such failure is not cured within ten (10) business days of written notice from Town.
- c) Company ceases to be a telecommunications services provider in the Town of Florence.
- d) Company fails to provide current, accurate as built plans and maps showing the location of all equipment and facilities installed or constructed in the Town under the Agreement and such failure is not cured within thirty (30) days of written notice from Town. If the nature of the violation is such that it cannot be fully cured within thirty (30) days due to circumstances not under Company's control the period of time in which Company must cure the violation shall be extended for such additional time reasonably necessary to complete the cure, provided that: (a) Company has promptly begun to cure; and (b) Company is diligently pursuing its efforts to cure, except where the Town finds that the defect in performance is due to intentional misconduct, is a violation of criminal law, or is part of a pattern of violations where the licensee has already had notice and opportunity to cure.
- 19.3. <u>Termination by Mutual Agreement</u>. This Agreement may be cancelled prior to its date of expiration by Company providing Town with ninety (90) days written notice

and only upon making arrangements satisfactory with the Town Engineer to remove all Company's PWS Facilities and related wireless communications equipment from the Town ROW unless the Town Engineer agrees in writing to allow Company to abandon its PWS Facilities and related wireless communications equipment in place. If the Town Engineer agrees to allow Company to abandon its PWS Facilities and related wireless communications equipment in place, the ownership of such facilities and equipment shall be transferred to Town and Company shall cooperate to execute any documents necessary to accomplish such transfer.

- 19.4. <u>Surrender</u>. Within sixty (60) days of the expiration or earlier termination of each Site Supplement (or if all Site Supplements have been terminated as provided herein, within sixty (60 days of the termination, Company shall peaceably and quietly leave, surrender, and yield up to Town all of the Municipal Facilities, and shall repair all damage to the Municipal Facilities caused by or resulting from the removal of any of Company's PWS Facilities or any Equipment from any of the Municipal Facilities, normal wear and tear excepted.
- **20. Notices**. Any notice, request, demand, statement, or consent herein required or permitted to be given by either party to the other hereunder, shall be in writing signed by or on behalf of the party giving the notice and addressed to the other at the address as set forth below:

<u>Company</u>	Gila River Cellular General Partnership, d/b/a Verizon Wireless 180 Washington Valley Road Bedminster, New Jersey 07921
<u>Town</u>	Attention: Network Real Estate  Town of Florence

Each party may by notice in writing change its address for the purpose of this Agreement, which address shall thereafter be used in place of the former address. Each notice, demand, request, or communication which shall be mailed to any of the aforesaid shall be deemed sufficiently given, served, or sent for all purposes hereunder (i) two business days after it shall be mailed by United States registered or certified mail, postage prepaid and return receipt requested, in any post office or branch post office regularly maintained by the United States Postal Service, (ii) upon personal delivery, or (iii) one business day after deposit with any recognized commercial air courier or express service. Any communication made by e-mail or similar method shall not constitute notice pursuant to this Agreement.

#### 21. Miscellaneous.

21.1. <u>Entire Agreement</u>. This Agreement constitutes the entire agreement and understanding between the Parties, and supersedes all negotiations, understandings or agreements. Any amendments to this Agreement must be in writing and executed by both parties.

- 21.2. <u>Severability</u>. If any provision of this Agreement is invalid or unenforceable with respect to any Party, the remainder of this Agreement or the application of such provision to persons other than those as to whom it is held invalid or unenforceable, shall not be affected and each provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.
- 21.3. <u>Governing Law</u>. This Agreement shall be governed by the laws of the State of Arizona without regard to choice of law rules. Any action at law, suit in equity or judicial proceeding for the enforcement of this Agreement shall be instituted only in the courts located within Maricopa County, Arizona.
- 21.4. <u>Exhibits</u>. All Exhibits attached referred to and attached to this Agreement are incorporated herein by reference.
- 21.5. <u>Authority to Execute</u>. Any individual executing this Agreement on behalf of or as representative for a corporation or other person, partnership or entity, represents and warrants that he or she is duly authorized to execute and deliver this Agreement on behalf of such party, and this Agreement is binding upon such party in accordance with its terms.
- 21.6. <u>Cancellation of Agreement</u>. Pursuant to A.R.S. Sec. 38-511, Town may, within three (3) years after its execution, cancel this Agreement if any person significantly involved in initiating, negotiating, securing, drafting or creating this Agreement on behalf of Town is, at any time while this Agreement is in effect, an employee or agent of Company or a consultant to Company with respect to the subject matter of this Agreement.
- 21.7. <u>Modification and Waiver</u>. No supplement, modification or amendment of any provision, term or condition of this Agreement shall be deemed binding or effective unless in writing and signed by the Parties. No waiver of any of the provisions of this Agreement shall be binding unless executed in writing by the Party making the waiver.
- 21.8. <u>No Waiver</u>. Company shall not be excused from complying with any of the terms and conditions of this Agreement by any failure of Town upon any one or more occasions to insist upon or to seek compliance with any such terms or conditions.
- 21.9. <u>Force Majeure</u>. With respect to any provisions of this Agreement, the violation or non-compliance of any term of this Agreement which could result in the imposition of a financial penalty, liquidated damages, forfeiture or other sanction upon Company, such violation or noncompliance shall be excused where such violation or non-compliance is the result of acts of God, war, civil disturbance, strike or other labor unrest, or other events, the occurrence of which was not reasonably foreseeable by Company and is beyond Company's reasonable control.
- 21.10 <u>Applicable Laws</u>. "Laws" means any and all laws, regulations, ordinances, resolutions, judicial decisions, rules, permits and approvals applicable to Company's Use that are in force on the date of this Agreement or as lawfully amended including, without limitation, the Town of Florence Code of Ordinances. Company shall comply with all Laws with respect to

Company's Use. This Agreement does not limit any rights Company may have in accordance with Laws to install its own poles in the right of way or to attach Company's equipment to third-party poles located in the right of way. This Agreement shall in no way limit or waive either Party's present or future rights under Laws. If, after the date of this Agreement, the rights or obligations of either Party are materially preempted or superseded by changes in Laws, the parties agree to amend the Agreement to reflect the change in Laws. Without limiting the foregoing, the parties acknowledge the passing by the Arizona Legislature of House Bill 2365 (the "Bill"). Nothing herein is intended to waive either party's rights under the bill and both parties anticipate a forthcoming amendment to this Agreement in order for this Agreement to be consistent with the Bill.

	COMPANY:
TOWN OF FLORENCE, Arizona  By:	GILA RIVER CELLULAR GENERAL PARTNERSHIP, dba Verizon Wireless
Print Name: Its:	By: Cellco Partnership Its: Managing General Partner
ATTEST:	By: Print Name: Its:
Lisa Garcia, Town Clerk	
APPROVED AS TO FORM:	
Clifford L. Mattice, Town Attorney	

#### **EXHIBIT A**

#### **Site Supplement Form**

Site Supplement No	
This Site Supplement No ("Supplement"), is made this day of, ("Supplement Effective Date"), between the TOWN OF FLORENCE, Arizona, her designated "Licensor" and GILA RIVER CELLULAR GENERAL PARTNERSHIP Verizon Wireless, with its principal offices at c/o Verizon Wireless, 180 Washington Valle Bedminster, New Jersey 07921, hereinafter designated "Licensee":	<b>P</b> , d/b/a
1. Supplement. This is a Site Supplement as referenced in that certain Agreement as of Town Property in Connection with the Operation of a Wireless Network of	

- 2. <u>Project Description and Locations</u>. Licensee shall have the right to use the Municipal Facility for Equipment at the designated areas in the ROW as further described in Exhibit 1 attached hereto (the "Licensed Area").
- 3. <u>Equipment</u>. The Equipment to be installed at the Licensed Area is described in Exhibit 1 attached hereto.
- 4. <u>Term.</u> The term of this Supplement shall be as set forth in Section 9.7 of the Agreement.
- 5. <u>Fees</u>. The initial Annual Attachment Fee for the term of this Supplement shall be \_\_\_\_\_, as determined in accordance with the Agreement, as adjusted by Section 10.4.
- 6. <u>Commencement Date</u>. The first day of the month following the forty fifth (45<sup>th</sup>) day following the Supplement Effective Date.
- 7. Approvals/Fiber. It is understood and agreed that Licensee's ability to use the Licensed Area is contingent upon its obtaining all of the certificates, permits and other approvals (collectively the "Governmental Approvals") that may be required by any Federal, State or Local authorities, as well as a satisfactory fiber and electrical connection which will permit Licensee use of the Licensed Area as set forth above. In the event that (i) any of such applications for such Governmental Approvals should be finally rejected; (ii) any Governmental Approval issued to Licensee is canceled, expires, lapses, or is otherwise withdrawn or terminated by governmental authority; (iii) Licensee determines that such Governmental Approvals may not be obtained in a

timely manner; (iv) Licensee determines that it will be unable to obtain in a satisfactory manner, or maintain any fiber or power connection; or (v) Licensee determines that the Licensed Area is no longer technically compatible for its use, Licensee shall have the right to terminate this Supplement. Notice of Licensee's exercise of its right to terminate shall be given to Licensee in writing by certified mail, return receipt requested, and shall be effective upon the mailing of such notice by Licensee, or upon such later date as designated by Licensee. All rentals paid to said termination date shall be retained by Licensor. Upon such termination, this Supplement shall be of no further force or effect except to the extent of the representations, warranties and indemnities made by each party to the other hereunder. Otherwise, Licensee shall have no further obligations for the payment of Rent to Licensor.

8.	Miscellaneous.		
		[Signature page follows]	

EXECUTED to be effective as of the date shown above.

LICENSOR:	LICENSEE:
TOWN OF FLORENCE, Arizona	GILA RIVER CELLULAR GENERAL PARTNERSHIP, dba Verizon Wireless
By:	By: Cellco Partnership Its: Managing General Partner
ATTEST:	By:
, Clerk APPROVED AS TO FORM:	
Florence Town Attorney	
Exhibits:	

Exhibit 1

#### Exhibit 1

#### **Licensed Area**

#### EXHIBIT B

#### **Minimum Limits of Insurance**

#### 1. General.

- A. Prior to performing work under the Agreement, Company shall furnish to Town a certificate of insurance on a standard insurance industry ACORD form or its equivalent. The insurance coverage required must be issued by an insurance company licensed, authorized or lawfully permitted to transact business in the State of Arizona, possessing a current A.M. Best, Inc. rating of A-VII or better, and coverage shall be reasonably satisfactory to Town.
- B. Company shall, and shall require any of its contractors to obtain and maintain substantially the same coverage as required of Company, procure and maintain, until all of their obligations have been discharged, the insurances set forth below.
- C. The insurance requirements set forth herein in no way limit the indemnity covenants contained in the Agreement.
- D. Town in no way warrants that the insurance limits contained herein or elsewhere in this Agreement are sufficient to protect Company from liabilities that might arise out of the performance of this Agreement by Company, and Company is free to purchase any additional insurance as may be determined necessary.
- E. Failure to demand evidence of full compliance with the insurance requirements in this Agreement or failure to identify any insurance deficiency will not relieve Company from, nor will it be considered a waiver of, its obligation to maintain the required insurance at all times during the performance of the Agreement.
- F. Use of Contractors: If any work is subcontracted in any way, Company shall execute a written agreement with its contractor containing substantially the same Insurance Requirements as Town requires of Company in this Agreement. Company is responsible for executing the agreement with its contractor and obtaining Certificates of Insurance and verifying the insurance requirements.
- 2. **Scope and Limits of Insurance**. Company shall provide coverage with limits of liability not less than those stated below.
- A. <u>Commercial General Liability-Occurrence Form.</u> Company must maintain Commercial General Liability insurance with a limit of \$2,000,000 per occurrence for bodily injury and property damage, and \$4,000,000 general aggregate, including products and completed operations, independent contractor, personal injury and advertising injury.
- B. <u>Automobile Liability Covering All Owned, Hired and Non-Owned Vehicles</u>. Company must maintain Commercial Automobile Liability insurance in the amount of \$1,000,000 combined single limit each accident for bodily injury and property damage covering

all of Company owned, hired, and/or non-owned vehicles assigned to or used in the performance of Company's work, activities, or obligations under the Agreement.

- C. <u>Workers Compensation and Employers Liability Insurance</u>. Company must maintain Workers Compensation insurance in compliance with the statutory requirements of the state of operation and Employer's Liability insurance with a limit of \$1,000,000 for each accident; \$1,000,000 disease for each employee; \$1,000,000 disease-policy limit.
- D. Builders' Risk/Installation Floater. Builders' Risk/Installation Floater Insurance must be maintained until the completion of any constructions activities and final payment has been made, at which time Company will obtain and maintain "All Risk" Property Insurance covering the Company's equipment and personal property located on the premises until Company's property has been removed and no person or entity, other than Town, has an insurable interest in the property required to be covered.
- (1) The Builders' Risk/Installation Floater insurance must include as named insureds, Town, Company, and all tiers of contractors and others with an insurable interest in the Work.
- (2) Company is responsible for payment of all deductibles under the Builders' Risk/Installation Floater insurance policy.

#### 3. Additional Policy Provisions Required.

#### A. Miscellaneous Provisions.

- (1) Company's commercial general liability insurance must contain broad form contractual liability coverage.
- (2) Company's insurance coverage must be primary insurance with respect to Town, its officers, officials, and employees. Any insurance or self-insurance maintained by Town, its officers, officials, and employees shall be in excess of the coverage provided by Company and must not contribute to it.
- (3) Company's insurance must apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) The policies must contain a severability of interest clause and waiver of subrogation against Town, its officers, officials, and employees, for losses arising from work performed by Company for Town.
- (5) Company, its successors and or assigns, are required to maintain Commercial General Liability insurance as specified in this Agreement for a minimum period of one (1) year following completion and acceptance of all work or activities performed or conducted by Company under this Agreement. Company must submit a Certificate of Insurance evidencing

Commercial General Liability insurance during this period evidencing the insurance requirement and including the required Additional Insureds set forth herein.

- (6) If a Certificate of Insurance is submitted as verification of coverage, Town will reasonably rely upon the Certificate of Insurance as evidence of coverage but this acceptance and reliance will not waive or alter in any way the insurance requirements or obligations of this Agreement.
  - (7) Insurance Cancellation during Term of Contract.
- a. If any of the required policies expire during the life of this Agreement, Company must forward renewal or replacement Certificates to Town within ten (10) days after the renewal date containing all the required insurance provisions.
- b. Upon receipt of notice from its insurer(s) Company shall provide the Town with thirty (30) days prior written notice of cancellation. Such notice shall be sent directly to Town in compliance with Section 20 of the Agreement.
- B. <u>Town as Additional Insured</u>. The above-referenced policies shall, excluding workers compensation and employer's liability, include Town, its officers, officials, and employees as an additional insured as their interest may appear under the Agreement with respect to liability arising out of work or activities performed by Company.

#### **EXHIBIT C**

#### **Attachment Fee Schedule**

#### Town of Florence Annual Fees for Wireless Communication Facilities ("WCF") in the ROW (does not include cellular facilities)

Category 1 - WCF with antenna(s) mounted on an **EXISTING** vertical element or pole and any associated ground equipment. Each WCF site will have an Antenna Base Fee of \$3,368 for a WCF site in the ROW, plus a Ground Equipment Fee (if applicable) for cubic feet of group equipment in the ROW, as set forth below:

	Antenna Base Fee	Equipment Fee	Total WCF Annual Fee
A. Total is 1cu. ft. up to 50 cu. ft.	Included	Included	\$3,368
B. Total is 51 cu. ft. up to 200 cu. ft.	\$3,368	\$6,271	\$9,639
C. Total is 201 cu. ft. up to 300 cu. ft.	\$3,368	\$9,390	\$12,758
D. Total is 301 cu. ft. up to 400 cu. ft.	\$3,368	\$12,493	\$15,861
E. Total is 401 cu. ft. or more	\$3,368	\$15,649	\$19,017

Category 2 - WCF with antenna(s) mounted on a vertical element that is stealth or utilizes alternate concealment when existing vertical elements are not available, and any associated ground equipment. Each WCF site will have an Antenna Base Fee of \$3,564 for a WCF site in the ROW, plus a Ground Equipment Fee (if applicable) for cubic feet of ground equipment in the ROW, as set forth below:

	Antenna Base Fee	Equipment Fee	Total WCF Annual Fee
A. Total is 1cu. ft. up to 50 cu. ft.	Included	Included	\$3,564
B. Total is 51 cu. ft. up to 200 cu. ft.	\$3,564	\$6,271	\$9,835
C. Total is 201 cu. ft. up to 300 cu. ft.	\$3,564	\$9,390	\$12,954
D. Total is 301 cu. ft. up to 400 cu. ft.	\$3,564	\$12,493	\$16,057
E. Total is 401 cu. ft. or more	\$3,564	\$15,649	\$19,213

Category 3 - Fees for each WCF with antenna(s) on a new, (non-existing) vertical element or pole that is neither stealth nor concealed in appearance and any associated ground equipment. Each WCF site will have an Antenna Base Fee of \$4,810 for a WCF site in the ROW, plus a Ground Equipment Fee (if applicable) for cubic feet of ground equipment in the ROW, as set forth below:

	Antenna Base Fee	Equipment Fee	Total WCF Annual Fee
A. Total is 1cu. ft. up to 50 cu. ft.	Included	Included	\$4,810
B. Total is 51 cu. ft. up to 200 cu. ft.	\$4,810	\$6,271	\$11,081
C. Total is 201 cu. ft. up to 300 cu. ft.	\$4,810	\$9,390	\$14,200
D. Total is 301 cu. ft. up to 400 cu. ft.	\$4,810	\$12,493	\$17,303
E. Total is 401 cu. ft. or more	\$4,810	\$15,649	\$20,459

Note: This schedule is not all inclusive and other statutory fees may apply.

#### **Notes regarding FEES:**

- 1. **Annual Structure and Base Fee** In cases where the existing vertical element is replaced for structural purposes with a pole designed to support the antennas and cabling, the WCF will be categorized as being installed on an existing vertical element. The Antenna Base Fee includes up to 50 cubic feet of ground equipment and any electrical conductors necessary to operate the WCF site. Company will be obtaining a fiber connection from a third party provider, who will have a separate agreement with the Town to provide fiber in the ROW. As such, the space required for the fiber to connect the WCF to the point of connection is included in the Total WCF Annual Fee. In the event that at some point Company was to provide its own fiber, there may be a fee for fiber that runs outside the footprint, however, such fee would be pursuant to a separate fiber agreement.
- 2. **Ground Equipment Fee** The ground equipment measurement is calculated by the size of a flat, four-sided "box" (parallel sides of equal length) with a top panel that is parallel to the ground so that the box will cover the ground equipment from the top of the equipment to the ground (nonimproved dirt surface), and from side-to-side, including any foundation or pad for the equipment. For situations where there is more than one ground equipment fixture or cabinet (adjacent to each other or within the same use area), the equipment fixtures, cabinets and generators shall be deemed separate ground equipment space and will be measured separately, and with the separate cubic feet then added together. Electrical meters and telecom pedestals are not included in the ground equipment.
- 3. All WCF in the ROW must have a Site Supplement submitted to the Town for each WCF site installed and operated in the ROW.



Community Development Department Administrative Staff Report April 27, 2017

Project:

Anthem School Site Cell Phone Antennas

PZ-17-23, PZ-17-24, PZ-17-25

Prepared By: Reviewed By: Will Randolph, Town Planner Michelle Orton, Senior Planner

#### REQUEST:

The applicant Shaw & Associates on behalf of Verizon Wireless is requesting staff to review and approve through the Design Review requirements, the removal and installation of three (3) new light poles with wireless antenna panels attached and three (3) ground equipment cabinets in the Town's rights of way (ROW). The three locations are:

- South of American Way at the North Anthem Way and American Way intersection, referred to as AZ5\_ANTHEM-SCHOOL\_SC (PZ 17-23).
- North side of the west bound land of Merrill Ranch Parkway near Hunt Highway and Safeway commercial shopping center, referred to as AZ5\_ANTHEM-SCHOOL\_2\_SC (PZ 17-24).
- Adjacent to the south bound lane of Sun City Boulevard, north of Merrill Ranch Parkway, referred to as AZ5\_ANTHEM-SCHOOL\_3\_SC (PZ 17-25).

#### BACKGROUND:

The demand for new technological services has increased rapidly for Anthem at Merrill Ranch (AMR) with building and population expansions. Verizon Wireless customers are prevalent throughout AMR and the demand for data is exceeding the capacity provided by the current infrastructure. Wireless communication facility antenna additions to light poles are an important part of implementing and improving wireless services, known as the fourth generation service. Fourth generation service is equivalent to the speed found in cable internet within homes/offices, and will allow the area to have connection to video, phone calls and data searches on smartphone/device users in the vicinity.

#### STAFF ANALYSIS

(A) Physical appearance. To the extent possible, materials, colors, textures and landscaping shall be designed to blend in with the surrounding setting. A tower shall be finished or painted so as to minimize visual obtrusiveness and shall not be illuminated unless otherwise required by state or federal regulations. Panel antennae and their associated cables and hardware mounted on or against an existing structure shall be painted to match the existing facade or be otherwise camouflaged to reduce their visual impact.

Staff Analysis: The applicant has specified that the proposed light poles will be visually compatible with the AMR design style. They will remove and install the same type of poles and light fixtures currently being used at the site. The cellular antennae panels together with the ground equipment cabinets will be painted to match the existing façade.

(B) Signs and communications tower. No signage shall be allowed on an antenna or communications tower.

Staff Analysis: There will be no signage located on the proposed light poles or screened cabinets.

(C) Distance. A tower must be set back from all nonresidential lot lines a minimum distance equal to the height of the tower and from all residential lot lines a minimum distance equal to the height of the tower plus 20%.

#### Staff Analysis:

- The AZ5\_ANTHEM-SCHOOL\_SC is less than the distance of the tower plus 20% to the nearest residential lot line. This approximate distance is 32 feet.
- The AZ5\_ANTHEM-SCHOOL\_2\_SC is a distance equal in height of the tower near the neighboring nonresidential lot line. This approximate distance is 132 feet.
- The AZ5\_ANTHEM-SCHOOL\_3\_SC SC is less than the equal distance of the tower plus 20% to the nearest residential lot line. This approximate distance is 28 feet.
- (D) New communications towers. No new communications tower shall be located within 1,320 feet of an existing tower unless the existing tower does not meet the structural specifications or technical requirements necessary for additional antenna colocation, or unless a colocation agreement could not be obtained at commercial reasonable terms and conditions, including price. Communications towers used to support athletic field lighting or parking lot lighting, and communications towers which are camouflaged to disguise the presence of commercial antennas shall be exempt from this requirement.

Staff Analysis: Each of the three pole locations will be at least be 1,320 feet in distance from each other. AZ5\_ANTHEM-SCHOOL\_SC will be less than 1,320 feet away from an existing tower within the Anthem at Merrill Ranch Community Park which is acceptable under the Town of Florence design conditions.

(E) Height. In all districts, towers, antennae and all related facilities mounted on buildings, water tanks or other structures other than freestanding or guyed communications towers must not extend more than ten feet above the highest part of the structure.

Staff Analysis: All three sites will have freestanding light poles, this condition is not applicable.

(F) Freestanding or guyed towers. Freestanding or guyed towers may be placed in the following districts subject to the following height limitations, unless express waiver is provided by Town Council at the time of special permit approval.

Staff Analysis: Each freestanding light pole antenna additions will adhere to the Anthem at Merrill Ranch PUD ordinance height limitations and Chapter 150.181 of the Development Code. All three (3) light poles will extend six (6) feet four (4) inches in height with the antennae additions.

(G) All districts. Freestanding or guyed towers height not exceeding ten (10) feet above the maximum height permitted in the specified district.

Staff Analysis: Anthem at Merrill Ranch PUD permits maximum building heights of 30 feet. Each new light pole does not exceed more than ten (10) feet per the design criteria of Chapter 150.183 of the Development Code.

- AZ5\_ANTHEM-SCHOOL\_SC will extend 38 feet in height with the antennae additions.
- AZ5\_ANTHEM-SCHOOL\_2\_SC will extend 39 feet four (4) inches in height with the antennae additions.
- AZ5\_ANTHEM-SCHOOL\_3\_SC will extend 38 feet and four (4) inches in height with the antennae additions.

#### CONCLUSION

Staff finds that the request is in the interest of the general welfare, health and safety of the public and is keeping with the character established for the area. Therefore, staff hereby APPROVES the Design Review application PZ-17-23 DR, PZ-17-24 DR, and PZ-17-25 DR subject to the following conditions:

- 1. Design Review approval shall expire in one year (April 27, 2018) from this approval if a building permit is not issued for the subject construction within said period.
- 2. Light pole/antennae/small cellular tower construction shall comply with all applicable Town codes, including all applicable building, fire and engineering codes.
- 3. Equipment cages, pedestal and screens are to be painted to match community walls. Exterior metal paint: Sherwin Williams B54T154 COMP (FR) 8725 Coach House W16411\*B12611\*R2 - 281 - \*Y3424 - 1 gallon formula.
- 4. Landscape Plants and Irrigation Parts
  - Community Association to be notified if damage occurs to the irrigation system.
  - Contractor responsible to repair any damage to irrigation system and replace damaged plants.
  - Upon completion an inspection to be scheduled to determine if additional plants are needed to screen pedestal and cages.
- 5. A signed and approved lease agreement with the Town of Florence.

By signing below, the applicant accepts this Administrative Design Review report and any applicable conditions of approval. Applicant further acknowledges their right to appeal any findings or conditions within this report to the Planning and Zoning Commission.

Print Name

#### Site Supplement No. 1

This Site Supplement No. 1 ("Supplement"), is made this \_\_day of \_\_\_\_\_\_\_, 2017 ("Supplement Effective Date"), between the TOWN OF FLORENCE, Arizona, hereinafter designated "Licensor" and GILA RIVER CELLULAR GENERAL PARTNERSHIP, d/b/a Verizon Wireless, with its principal offices at c/o Verizon Wireless, 180 Washington Valley Road, Bedminster, New Jersey 07921, hereinafter designated "Licensee":

- 2. <u>Project Description and Locations</u>. Licensee shall have the right to use the Municipal Facility for Equipment at the designated areas in the ROW as further described in Exhibit 1 attached hereto (the "Licensed Area").
- 3. <u>Equipment</u>. The Equipment to be installed at the Licensed Area is described in Exhibit 1 attached hereto.
- 4. <u>Term.</u> The term of this Supplement shall be as set forth in Section 9.7 of the Agreement.
- 5. <u>Fees.</u> The initial Annual Attachment Fee for the term of this Supplement shall be \$3,368, as determined in accordance with the Agreement, as adjusted by Section 10.4.
- 6. <u>Commencement Date</u>. The first day of the month following the forty fifth (45<sup>th</sup>) day following the Supplement Effective Date.
- Approvals/Fiber. It is understood and agreed that Licensee's ability to use the Licensed Area is contingent upon its obtaining all of the certificates, permits and other approvals (collectively the "Governmental Approvals") that may be required by any Federal, State or Local authorities, as well as a satisfactory fiber and electrical connection which will permit Licensee use of the Licensed Area as set forth above. In the event that (i) any of such applications for such Governmental Approvals should be finally rejected; (ii) any Governmental Approval issued to Licensee is canceled, expires, lapses, or is otherwise withdrawn or terminated by governmental authority; (iii) Licensee determines that such Governmental Approvals may not be obtained in a timely manner; (iv) Licensee determines that it will be unable to obtain in a satisfactory manner, or maintain any fiber or power connection; or (v) Licensee determines that the Licensed Area is no longer technically compatible for its use, Licensee shall have the right to terminate this Supplement. Notice of Licensee's exercise of its right to terminate shall be given to Licensee in

writing by certified mail, return receipt requested, and shall be effective upon the mailing of such notice by Licensee, or upon such later date as designated by Licensee. All rentals paid to said termination date shall be retained by Licensor. Upon such termination, this Supplement shall be of no further force or effect except to the extent of the representations, warranties and indemnities made by each party to the other hereunder. Otherwise, Licensee shall have no further obligations for the payment of Rent to Licensor.

#### 8. Miscellaneous. N/A

[Signature page follows]

EXECUTED to be effective as of the date shown above.

LICENSOR:	LICENSEE:
TOWN OF FLORENCE, Arizona	GILA RIVER CELLULAR GENERAL PARTNERSHIP, dba Verizon Wireless
By: Print Name: Its:	By: Cellco Partnership Its: Managing General Partner
ATTEST:	By: Print Name: Gary Bailey Its: Director – Network Field Engineering
, Clerk APPROVED AS TO FORM:	
Florence Town Attorney	
Exhibits: Exhibit 1	

#### Exhibit 1

#### **Licensed Area**

See attached.

verizon<sup>v</sup>

TEMPE, ARIZONA 85293 PHONE: 480.752.7238

FOUNTAIN HILLS, "ARIZONA 85268

FAX: 480.836.1004

ENGINEERING CONSULTANT

**Siino** Design



# AZ5\_ANTHEM-SCHOOL\_SC SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132 APN NO. R.O.W.

Two working days before you dig, CALL FOR THE BLUE STAKE!

PROJECT TEAM

VERIZON WIRELESS

126 WEST GEMINI DRIVE

TEMPE, ARIZONA 85283

RF ENGINEER: SYED NAQVI

MOBILE: (480) 777-4336

SHAW & ASSOCIATES, PLC

CONTACT: STEVE MABRY

MOBILE: (318) 347-1428

MOBILE: (602) 672-4311

MOBILE: (949) 351-5020

MOBILE: (602) 403-8368

CONTACT: TIM ALEXANDER, PE

FAX: (480) 836-1004

SIINO DESIGN

CIVIL ENGINEERING PNP ENGINEERING INC

SMABRY@SHAW-ASSOCIATES.COM

FOUNTAIN HILLS, ARIZONA 85268

CONTACT: YONG-JOONG KANG, PE

16616 EAST PALISADES BLVD, SUITE 102

CONTACT: CHRIS M. SIINO, MBA, MSTL, PMP, MCP

REAL ESTATE: JAMISON TYLER

CONSTRUCTION MANAGER: TERRY SKULA

CLIENT:

REAL ESTATE

CONSULTANT:

A&E DESIGN

MANAGEMENT

PROFESSIONAL:

CONSULTANT:

EE CONSULTANT:

1 (602) 263-1100 or 1 (800) STAKE-IT (782-5348) (OUTSIDE MARICOPA COUNTY)

SHEET

NO.

T-1 | TITLE SHEET

LS-1 | SITE SURVEY

A-3 | ELEVATIONS

GN-1 | GENERAL NOTES

GN-2 | GENERAL NOTES

A-1 OVERALL SITE PLAN

A-2 | ENLARGED SITE PLAN

A-4 | CONSTRUCTION DETAILS

E-4 ONELINE DIAGRAM & PANEL SCHEDULE

E-5 | STREET POLE WIRING DETAILS

E-1 | ELECTRICAL NOTES

E-2 | ELECTRICAL NOTES

G-1 | GROUNDING PLAN

G-2 GROUNDING DETAILS

E-3 | POWER PLAN

# SITE PHOTO

**SHEET INDEX** 

SHEET DESCRIPTION

SITE ACQUISITION/PROPERTY

DRAWING APPROVALS (SIGNATURES)

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION COMMENTS 4 | 11/14/16 | CHANGED AZIMUTH | CMS 3 | 11/09/16 | CHANGED POLE TYPE CMS

# AZ5\_ANTHEM-SCHOOL\_SC

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SEAL:

# **DRIVING DIRECTIONS**

**VICINITY MAP** 

FROM VERIZON OFFICE AT 126 W. GEMINI DR., TEMPE: TAKE I-10 EAST TOWARD TUCSON THEN TAKE EXIT 185 FOR ARIZONA 187 TOWARD COOLIDGE/FLORENCE; TAKE A SHARP LEFT ONTO AZ-387 THEN TURN RIGHT ONTO AZ-87S; CONTINUE ONTO AZ-287 THEN TURN LEFT ONTO N. ATTAWAY RD.; TURN LEFT ONTO N. HUNT HWY; TURN RIGHT ONTO AMERICAN WAY. SITE IS LOCATED AT THE SOUTHWEST CORNER OF THE INTERCEPTION OF AMERICAN WAY & N. ANTHEM WAY.

# **GENERAL NOTES**

THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT AS SET FORTH IN THE CONSTRUCTION DRAWINGS, CONTRACT DOCUMENTS AND THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK UNLESS OTHERWISE DIRECTED.

# SITE LOCATION INFORMATION

SITE NAME: AZ5\_ANTHEM-SCHOOL\_SC SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

APN NUMBER: R.O.W.

APPLICANT:

NORTH

SITE COORDINATES: LATITUDE: 33° 03′ 25.0″ N (NAD 83)

LONGITUDE: 111° 28' 35.5" W (NAD 83) ELEVATION: 1467.9' (AMSL) (NAVD 88)

CURRENT ZONING: R.O.W. - NOT ZONED

VERIZON WIRELESS

126 WEST GEMINI DR. TEMPE, AZ 85283 CONTACT: TERRY SKULA PHONE: (602) 350-1007

TOWN OF FLORENCE PROPERTY OWNER:

OWNER CONTACT: TOWN OF FLORENCE

> PUBLIC WORK — TRAFFIC ENGINEERING DEPARTMENT 425 E. RUGGLES

P.O. BOX 2670 FLORENCE, AZ 82135 (520) 868-7626

CODE COMPLIANCE

ANSI/EIA-222-G STRUCTURAL STEEL STANDARDS FOR STEEL

ANTENNA TOWERS AND SUPPORTING STRUCTURES STANDARD

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE

WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL

GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT

LIGHT POLE OWNER: TOWN OF FLORENCE (TOF)

APS POLE NUMBER: S598279 35 CF3 CABINET VOLUME:

WORK NOT CONFORMING TO THESE CODES.

2011 NATIONAL ELECTRICAL CODE (NEC)

CITY AND/OR COUNTY ORDINANCES

LOCAL BUILDING CODE(S)

2012 INTERNATIONAL BUILDING CODE (IBC)

JURISDICTION: TOWN OF FLORENCE

# PROJECT INFORMATION

JOYNGO, LLC

OCCUPANCY GROUP: U (LIGHT POLE) & S-2 (CABINET) TYPE OF CONSTRUCTION: V-B SIZE OF LEASE AREA: 30 SQ. FT.

# **ACCESSIBILITY DISCLAIMER**

THE PROPOSED PROJECT IS AN UNOCCUPIED TELECOMMUNICATIONS FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2 9 LISTED AS AN EQUIPMENT SPACE.

# PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE REMOVAL AND REPLACEMENT OF AN EXISTING APS LIGHT POLE WITH A APS NEW LIGHT POLE WITH LESSEE ANTENNA ARRAYS.

THIS PROJECT INCLUDES PERMANENT TELEPHONE AND ELECTRICAL CONNECTIONS.

DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

IN ADDITION, INSTALLATION OF (1) NEW EQUIPMENT CABINET WITH SCREEN.

THIS PROJECT DOES NOT INCLUDE WATER OR SEWER.

SHEET TITLE:

TITLE SHEET

SHEET NUMBER: T=1

## **GENERAL NOTES:**

- DRAWINGS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE, THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE PROJECT AS DESCRIBED IN THE DRAWINGS AND OWNER'S PROJECT MANUAL.
- 2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE NEW PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY ERRORS. OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
- 3. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK. UNLESS DIRECTED OTHERWISE.
- 4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 6. ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
- 7. GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED "FOR CONSTRUCTION" AND EACH SUCCESSIVE SHEET BEARS THE ARCHITECT'S SIGNED WET STAMP.
- 8. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
- 9. SEAL ALL PENETRATIONS THROUGH FIRE—RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.
- 10. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT ARFA DURING CONSTRUCTION.
- 11. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 12. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- 13. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- 14. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.
- 15. THE CONTRACTOR SHALL PROVIDE COMPANY WITH. PROPER INSURANCE CERTIFICATES NAMING (COMPANY). AS ADDITIONAL INSURED, AND (COMPANY) PROOF OF LICENSE(S) AND PE & PD INSURANCE.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.
- 17. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. 1-800-332-2344.
- 18. CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO (COMPANY) ALONG WITH REDLINED CONSTRUCTION SET.
- 19. CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO (COMPANY) REPRESENTATIVE UPON COMPLETION.
- 20. FOR COLLOCATION SITES: CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN BID WALK.

- 21. GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
- 22. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY (COMPANY) CONSTRUCTION MANAGER.
- 23. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER AND BUILDING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVE THE WORK GUARANTEED UNDER THE ROOFING CONTRACTOR'S WARRANTY FOR MOISTURE PENETRATION OR AND OTHER FUTURE BREACH OF ROOFING INTEGRITY.
- 24. CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK, AND PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE JOB SITE.
- 25. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
- 26. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION TO SATISFACTION OF VERIZON WIRELESS REPRESENTATIVE.
- 27. CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS DURING CONSTRUCTION. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION. FREE FROM PAINT SPOTS. DUST. SMUDGES OF ANY NATURE AND IN WORKING ORDER UNTIL ACCEPTANCE BY VERIZON WIRELESS AND PROPERTY OWNER.
- 28. IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
- 29. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB -RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS-BUILT DRAWING SET" - HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT. CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.
- 30. GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLE TRAY TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE PERMITTED FOR USE ON VERIZON WIRELESS PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT4S-CP UNDER SERIES-304 (OR EQUAL). PANDUIT PRODUCT DISTRIBUTED BY TRIARC OF TACOMA, WA.
- 31. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING THE FINAL INSPECTION BY VERIZON WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WITH ONE (1) COPY OF ALL RED-LINED DRAWINGS. NOTE ALL OF THE FOLLOWING:

MODIFICATIONS OF ANY SCHEDULE MODIFICATION OF ANY DIAGRAM

SUBSTITUTIONS AND/OR MODEL NUMBERS OF EQUIPMENT

32. VERIFY ALL FINAL EQUIPMENT WITH VERIZON WIRELESS REPRESENTATIVE. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

# STANDARD CIVIL NOTES:

- 1. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE SPECIFICATIONS PROJECT SUMMARY.
- 2. RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- 3. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- 4. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO THE CRUSHED STONE APPLICATION.
- 5. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

- 6. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND SHALL BE CAPPED. PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEERS.
- 7. THE AREAS OF THE CUSTOMER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING, DRIVEWAY OR CRUSHED STONE, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS SPECIFIED IN THE SPECIFICATION LANDSCAPE WORK.

## **CONCRETE NOTES:**

- 1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI-318.
- 2. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE CURRENT BUILDING CODE. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS.

3. TYPE OF CONSTRUCTION	28 DAY STRENGTHS (f'c)	W/C RATIO	MINIMUM CEMENT CONTEN PER CUBIC YARD
A. SLABS ON GRADE TOPPING SLABS CONCRETE PIERS	2,400 PSI	≤.45	5 1/2 SACKS
B. ALL STRUCTURAL CONCRE EXCEPT WALLS	TE 4,000 PSI	≤.45	6 1/2 SACKS
C. CONCRETE WALLS	4,000 PSI	≤.45	6 1/2 SACKS

- 4. CEMENT SHALL BE ASTM C150. PORTLAND CEMENT TYPE II U.N.O.
- 5. THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.
- 6. ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, C618, C989 AND C1017. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE CURRENT BUILDING CODE.
- 7. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=40,000 PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING COMPLYING WITH ASTM A615(S1) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D14 ARE SUBMITTED.
- 8. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH AC1 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0 LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.
- 9. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- 10. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615. GRADE 60. fy=60,000 PSI.
- 11. NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE CONSULTANT.
- 12. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE		3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	(#6 BARS OR LARGER) (#5 BARS OR SMALLER)	2" 1 1/2"
SLABS AND WALLS (INTERIOR FACE)		3/4"

- 13. BARS SHALL BE SUPPORTED ON CHAIRS OR DOBIE BRICKS.
- 14. ANCHOR BOLTS TO CONFORM TO ASTM A307.
- 15. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3,000 PSI MINIMUM).
- 16. ALL EXPANSION ANCHORS TO BE HILTI BRAND. ADHESIVE ANCHORS REQUIRE TESTING TO CONFIRM CAPACITY UNLESS WAIVED BY ENGINEER.

#### STEEL NOTES:

- 1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TEMPE, ARIZONA 85293 PHONE: 480.752.7238

126 WEST GEMINI DRIVE

16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

	DRAV	WN BY:	JNGO	
	CHECKED BY:		CMS	
o".		SCHEDU	ILE OF REVISIONS	
J .	NO	DATE	DESCRIPTION	BY
	6	05/21/17	UPDATED CABINET	CMS
	5	12/02/16	COMMENTS	CMS
	4	11/14/16	CHANGED AZIMUTH	CMS
	3	11/09/16	CHANGED POLE TYPE	CMS

# AZ5 ANTHEM-SCHOOL SC

SITE NAME:

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**GENERAL NOTES** 

SHEET NUMBER: GN-1

# STEEL NOTES:

- 3.1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 3.2. STRUCTURAL STEEL DESIGN. FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3.3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

#### TYPE OF MEMBER

A. PLATES. SHAPES, ANGLES, AND RODS ASTM A36, Fy 36 KSI SPECIAL SHAPES AND PLATES ASTM A572, Fy 50 KSI PIPE COLUMNS ASTM A53, Fv 35 KSI D. STRUCTURAL TUBING ASTM A500, Fy 46 KSI E. ANCHOR BOLTS ASTM A307 F. CONNECTION BOLTS ASTM A325 TWIST-OFF-TYPE

- 3.4. ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-00.
- 3.5. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND AWS STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING E70 XX ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.
- 3.6. COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAGE SHOWN ON THE PLANS. PROVIDE MINIMUM SECTION PROPERTIES INDICATED. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.S. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
- 3.7.BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIA.) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
- 3.8.NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
- 3.9.ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN & CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.
- 3.10. ALL WELDS TO BE 1/4" FILLET UNLESS NOTED OTHERWISE.
- 3.11. TOUCH UP ALL FIELD DRILLING AND WELDING WITH 2 COATS OF GALVACON (ZINC RICH PAINT) OR APPROVED EQUAL.

# **PAINTING:**

- 1. THE CONTRACTOR SHALL PREPARE SURFACES, FURNISH ALL PAINT, MATERIAL, LABOR AND EQUIPMENT REQUIRED FOR THE PAINTING OF ALL SURFACES AS REQUIRED BY THE DRAWINGS AND SPECIFIED HEREIN.
- 2. PAINTS TO BE APPLIED IN ALL WORKMANLIKE MANNER. UPON COMPLETION, REMOVE ALL MATERIALS AND DEBRIS CAUSED BY THIS CONTRACTOR, ALL HARDWARE, FLOORS, GLASS, FRAMES FIXTURES AND THE LIKE SHALL BE THOROUGHLY CLEANED OF PAINT.
- 3. REGULATORY REQUIREMENTS: ALL MATERIALS MUST COMPLY WITH AIR POLLUTION CONTROL REGULATIONS, SUCH AS L.A. COUNTY APCD RULE 1113 AND BAY AREA PCD REG. 3.
- 4. MATERIAL SHALL BE AS INDICATED ON PAINT SCHEDULE BELOW AND DRAWINGS.
- 5. ALL STEEL COLUMNS AND MISC. METALS SHALL BE PRIMED AND PAINTED.
- 6. FIRE PREVENTION: TAKE EVERY PRECAUTION AT THE END OF THE DAY TO REMOVE OILY RAGS AND COMBUSTIBLE MATERIALS FROM THE SITE OR STORE IN METAL CONTAINER WITH TIGHT COVERS.
- 7. EXTERIOR PAINT SYSTEMS (EPS):
- 7.1. FERROUS METALS; DOORS AND FRAMES: (MDF) 1-2 MILS PER COAT FRAZEE PAINT -COLOR TO MATCH EXISTING BUILDING 1ST COAT: 664 RUST STOP 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.2. ALUMINUM OR GALVANIZED STEEL: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR PER PLAN 1ST COAT: 661 METAL PLAN 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.3. PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO MATCH EXISTING BUILDING 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/GINTERIOR PAINT SYSTEMS (IPS):
- 8. INTERIOR PAINT SYSTEMS (IPS):
- 8.1. GYPSUM DRYWALL (NON-EPOXY): RADIO FACILITY (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G
- 8.2. TELEPHONE BACKBOARD: FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: 367 FRAFLO V/C 2ND COAT: FLAT FIRE PAINT #505 BY FLANECRETE (AS SPECIFIED) 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS OVERCOAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS (TINT TO MATCH WALL)
- 8.3. PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: LATEX PRIMER SEALER - 065 ACRY PRIME 2ND COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G

# SIGNS:

- 1. INSTALL EMERGENCY INFORMATION PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR MOST VISIBLE PLACE ON OUTSIDE COMPOUND WALL). PLACARD IS TO CONTAIN SITE NAME, SITE NUMBER, COMPANY NAME, ADDRESS INFORMATION, AND A "800" NUMBER TO DIAL IN CASE OF EMERGENCY. PLACARD IS TO CONSIST OF HIGH CONTRAST LETTERING (WHITE BACK GROUND W/ RED LETTERING) BEHIND VANDAL RESISTANT LEXAN COVER.
- 2. INSTALL ADDRESS PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR FACING STREET OF ASSOCIATED ADDRESS). PLACARD IS TO CONTAIN 12" TALL HIGH CONTRAST LETTERING (WHITE BACK GROUND AND RED LETTERS) BEHIND VANDAL RESISTANT LEXAN COVER.

## **SPECIAL INSPECTIONS:**

- A. SPECIAL INSPECTIONS & SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (FOR SEISMIC DESIGN CATEGORY C) ARE REQUIRED FOR THE FOLLOWING ITEMS ON THIS PROJECT:
- A.1. STRUCTURAL STEEL PER IBC 1704.3 AND 1707.2. APPROVED FABRICATOR CERTIFICATES FROM AISC OR ICC MUST BE PROVIDED TO THE BUILDING OFFICIAL TO WAIVE INSPECTION OF SHOP FABRICATION.
- A.2.REINFORCED CONCRETE AND POST-INSTALLED ANCHORS PER IBC 1704.4 & 1707.7 AND THE ICC-ES REPORT FOR THE PRODUCT(S) USED.

#### **DUTIES & RESPONSIBILITIES OF SPECIAL INSPECTOR:**

- A. SPECIAL INSPECTOR SHALL OBSERVE WORK ASSIGNED TO VERIFY ACCORDANCE WITH APPROVED DESIGN DRAWINGS & SPECIFICATIONS.
- B. CONSTRUCTION MANAGER IN CHARGE OF SPECIAL INSPECTION SHALL PROVIDE INSPECTION REPORTS TO BUILDING OFFICIAL & ENGINEER OF RECORD. DISCREPANCIES SHALL BE BROUGHT TO IMMEDIATE ATTENTION OF CONTRACTOR FOR CORRECTION. IF UNCORRECTED, DISCREPANCIES SHALL BE SUBMITTED TO DESIGN AUTHORITY AND BUILDING OFFICIAL.
- C. UPON COMPLETION OF ASSIGNED WORK, THE ENGINEER SHALL SEAL & SIGN APPROPRIATE FORMS CERTIFYING TO BEST OF KNOWLEDGE THE WORK IS IN CONFORMANCE WITH APPROVED PLANS & SPECIFICATION & APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.
- D. SPECIAL INSPECTIONS ARE TO BE PERFORMED INDEPENDENTLY AND IN ADDITION TO BUILDING OFFICIAL'S SCHEDULED INSPECTIONS.

# **LEGEND:**

Ģ	NEW ANTENNA		
$\angle_{\diamond} \Delta$	EXISTING ANTENNA		GROUT OR PLASTER
$\otimes$	GROUND ROD		(E) BRICK
<del></del>	GROUND BUS BAR		(E) MASONRY
•	MECHANICAL GRND. CONN.		CONCRETE
<b>•</b>	CADWELD		EARTH
$\bigotimes$	GROUND ACCESS WELL	000000000000000000000000000000000000000	GRAVEL
E	ELECTRIC BOX		PLYWOOD
T	TELEPHONE BOX		SAND
$\Rightarrow$	LIGHT POLE		WOOD CONT.
0	FND. MONUMENT		WOOD BLOCKING
<b>\rightarrow</b>	SPOT ELEVATION		STEEL
	FIRE HYDRANT		CENTERLINE
$\triangle$	REVISION		PROPERTY/LEASE LINE
			LEASE LINE
(x)	GRID REFERENCE		GROUND CONDUCTOR
(X - X)	DETAIL REFERENCE	T	TELEPHONE CONDUIT
		——— E———	ELECTRICAL CONDUIT
X	ELEVATION REFERENCE	——— A———	COAXIAL CABLE
		——T/E——	OVERHEAD SERVICE CONDUCTORS
<u> </u>	SECTION REFERENCE	X	CHAIN LINK FENCING

# **DESIGN LOADS:**

FOR POLE ANALYSIS, PLEASE REFER TO POLE STRUCTURAL REPORT BY CEM-TEC CORPORATION.

#### TOWN OF FLORENCE STREET LIGHTING GENERAL NOTES

- 1. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO TOWN OF FLORENCE ORDINANCES AND THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
- 2. THE LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ALL INVOLVED UTILITIES MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE, PER LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SECTION 730-6. FOR CONTACTING ALL UTILITIES FOR EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 3. ALL LIGHTING UNITS SHALL BE INSTALLED WITH THE MAST ARM PERPENDICULAR TO THE LANE OR RAMP ON WHICH THEY ARE LOCATED.
- 4. FOR ELECTRICAL SERVICE, THE CONTRACTOR SHALL COORDINATE WITH ELECTRICAL PROVIDER PER SECTION 107 OF THE SPECIAL PROVISIONS IN THE LATEST ADOT'S TRAFFIC SIGNAL AND ENGINEERING CONSULTANT: LIGHTING STANDARD.
- 5. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS UPON COMPLETION OF THE WORK.
- 6. EXTEND CONDUITS TO NEW PULL BOX LOCATIONS AS SHOWN ON THE PLANS.
- 7. THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS WITH THE LOCAL JURISDICTION ENGINEER, PRIOR TO ANY CONSTRUCTIONS ACTIVITY. 8. TOP OF POLE FOUNDATION SHALL BE THE SAME ELEVATION AS THE TOP OF THE FINISHED
- SIDEWALK RAMP, OR THE ADJACENT FINISHED ROADWAY SURFACE, IN SLOPED AREAS. CONSTRUCT COMPACTED FILL AROUND FOUNDATIONS FOR FULL STRUCTURAL SUPPORT AT
- REMOVE AND SALVAGE EXISTING POLES, MAST ARMS, LUMINAIRES, MOUNTING ASSEMBLIES. THE SALVAGED EQUIPMENT SHALL BE DELIVERED TO THE OWNER.
- 10. ALL EXISTING PULL BOXES AND FOUNDATIONS (NOT BEING USED) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS PER SECTIONS 202-3.04 AND SECTIONS 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND AS DIRECTED BY THE JURISDICTION ENGINEER.
- 11. REMOVE AND DISPOSE OF THE EXISTING CONDUITS AND CONDUCTORS NOT BEING USED, PER SECTION 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE JURISDICTION ENGINEER.

CLIENT:



126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

DESIGN MANAGEMENT PROFESSIONAL



16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION 6 | 05/21/17 | UPDATED CABINET COMMENTS

4 | 11/14/16 | CHANGED AZIMUTH CMS 3 | 11/09/16 | CHANGED POLE TYPE CMS

# AZ5\_ANTHEM-SCHOOL\_SC

SITE NAME:

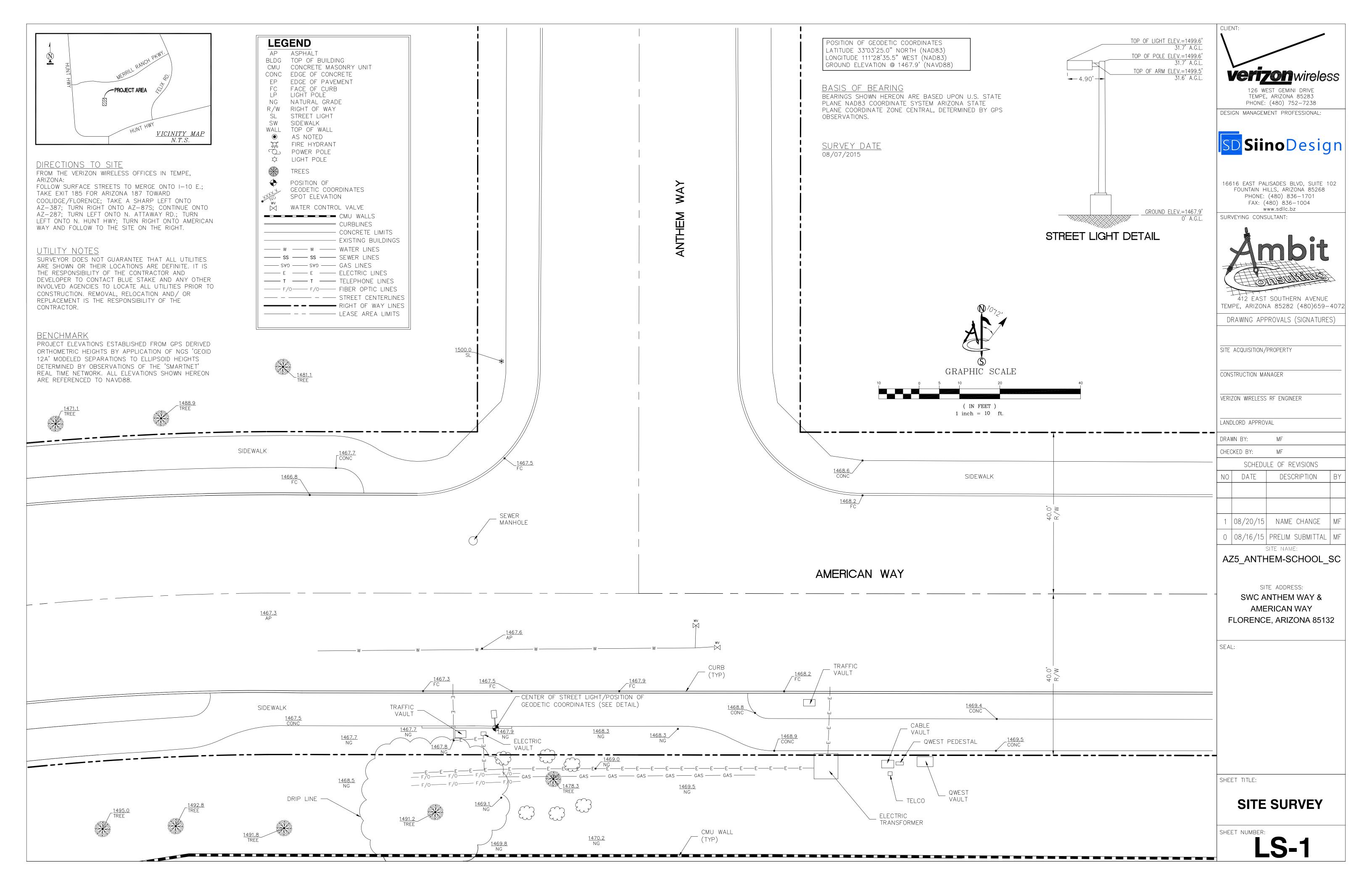
SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

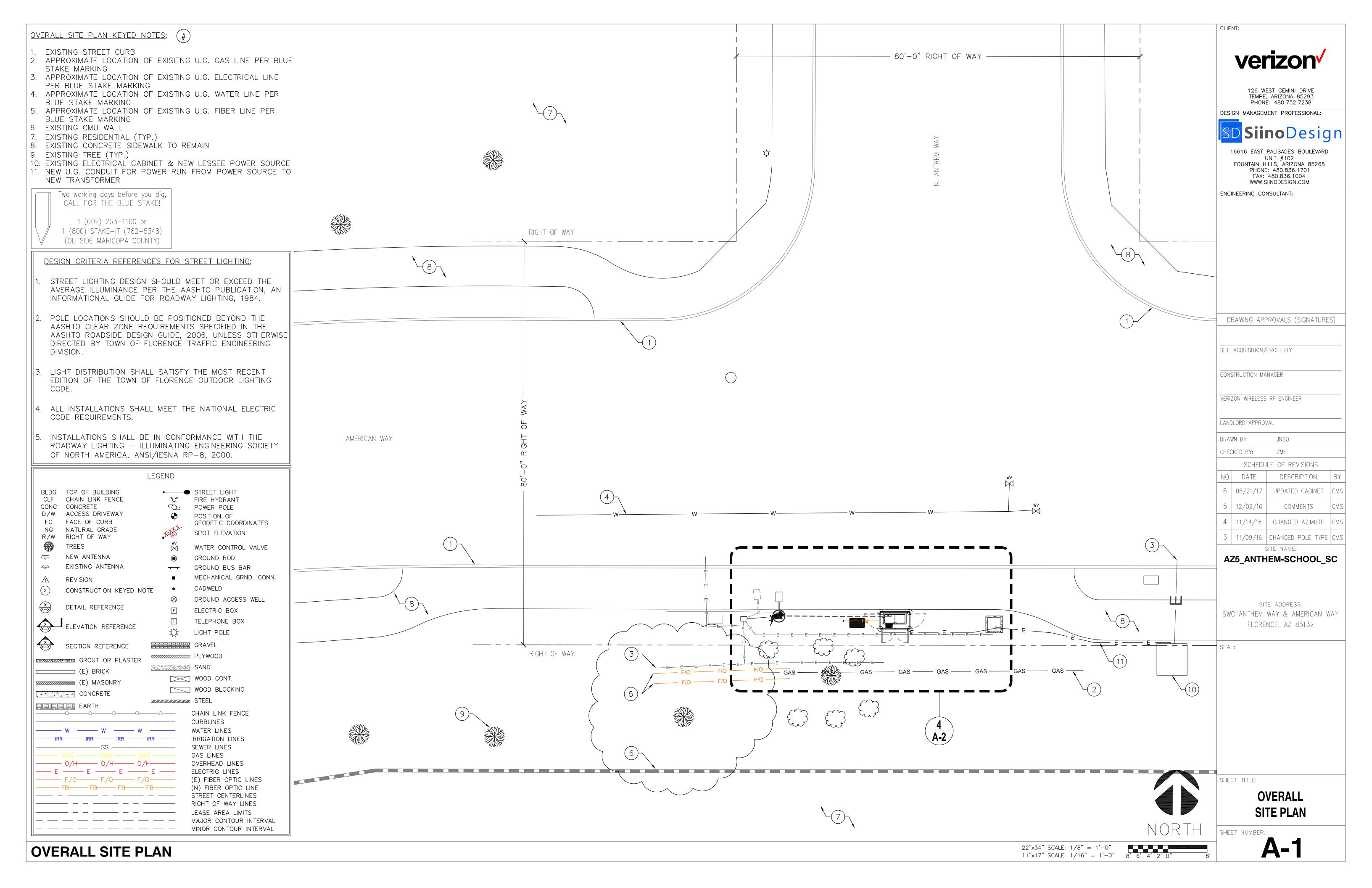
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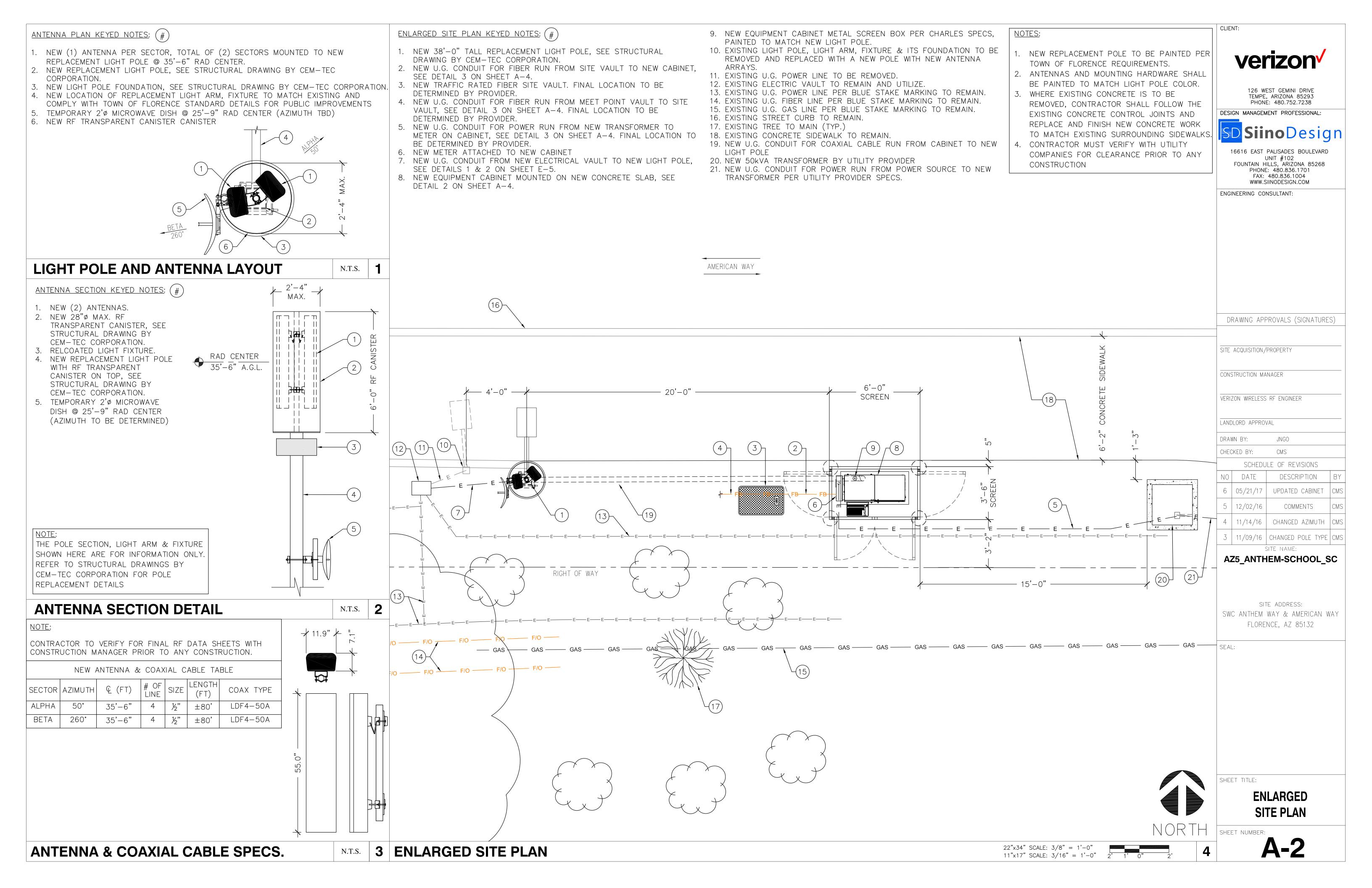
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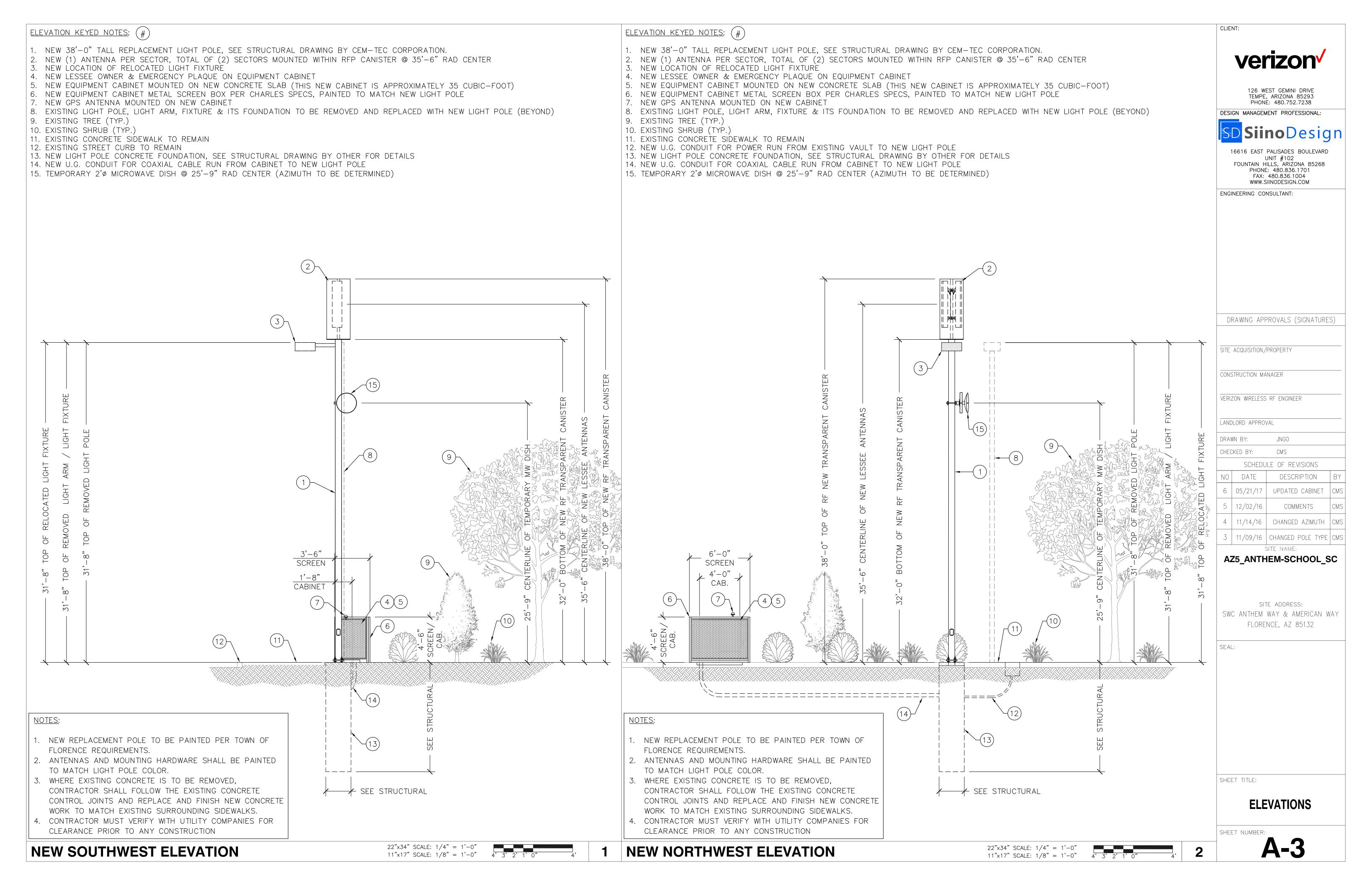
**GENERAL NOTES** 

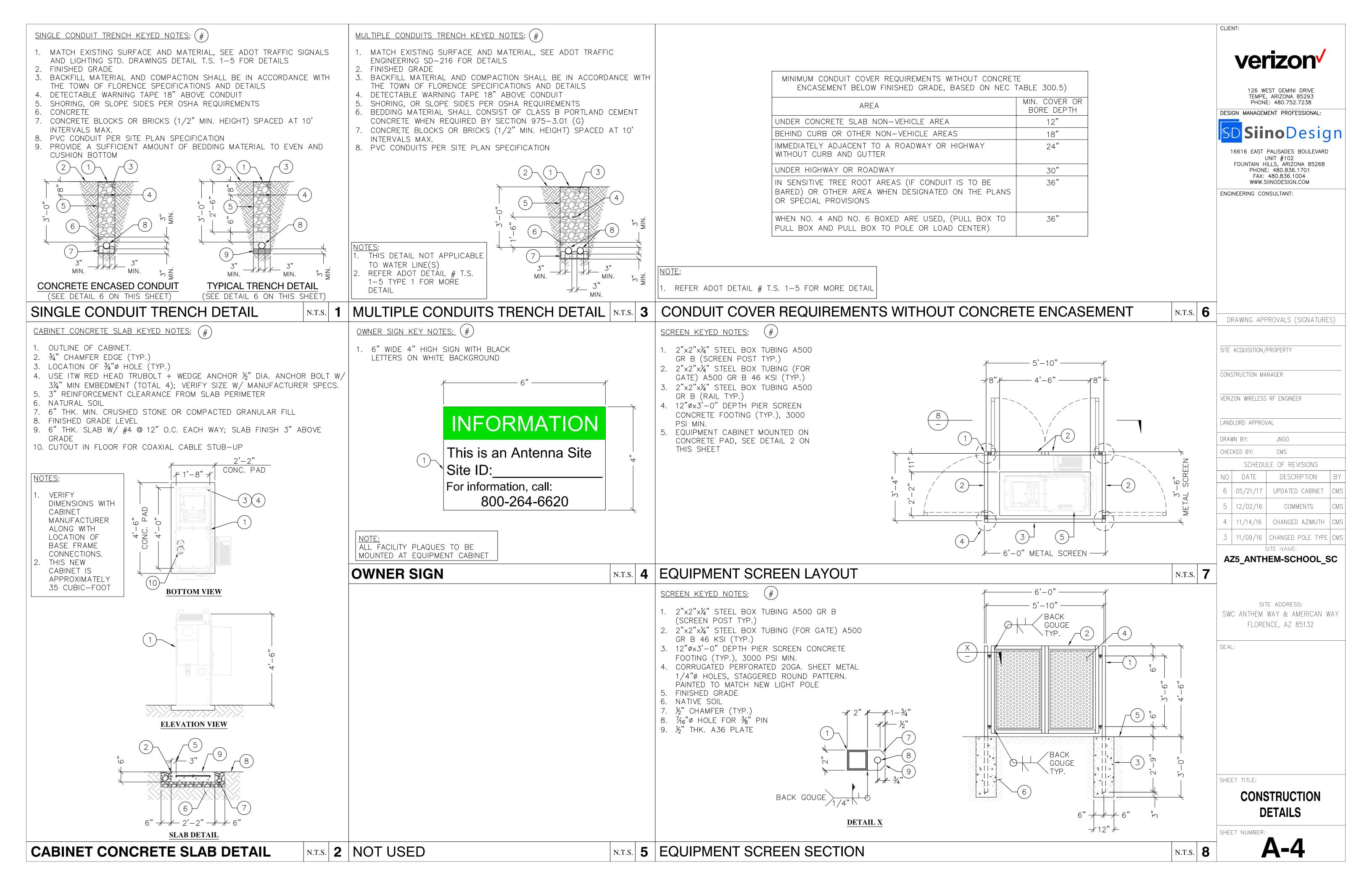
GN-2











#### FLECTRICAL GENERAL REQUIREMENTS

- A. SCOPE OF WORK: ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE INDICATED. FURNISH ALL LABOR, EQUIPMENT, TECHNICAL SUPERVISION, AND INCIDENTAL SERVICES REQUIRED TO COMPLETE, TEST AND LEAVE READY FOR OPERATION THE ELECTRICAL SYSTEMS AS SPECIFIED AND AS INDICATED ON DRAWINGS.
- B. ORDINANCES AND CODES: PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES AND REGULATIONS, THE RULES AND REGULATIONS OF NFPA, NECA, AND UL. UNLESS OTHERWISE INDICATED.
- C. UNLESS OTHERWISE INDICATED, ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, APPROVALS AND FEES FOR ELECTRICAL WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, RULES AND REGULATIONS.
- D. THE DRAWINGS SHOW THE LOCATION AND GENERAL ARRANGEMENT OF EQUIPMENT, ELECTRICAL SYSTEMS AND RELATED ITEMS. THEY SHALL BE FOLLOWED AS CLOSELY AS ELEMENTS OF THE CONSTRUCTION WILL PERMIT. FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS DEPICTED FROM THE PLANS AND SPECIFICATIONS HEREIN, AS NOTED OR IMPLIED, NOT LIMITED TO WHAT IS SHOWN. ALL APPURTENANCES, BASES, PADS, SUPPORTS NOT INDICATED TO MAKE A WORKING SYSTEM MUST BE INCLUDED IN CONTRACTOR'S BID.
- E. IF THERE APPEARS TO BE ANY ITEMS IN CONFLICT WITH THE DRAWINGS, INCONSISTENCIES WITH DESIGN OR INTENT, OR NEED FOR CLARIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLARIFY THESE ITEMS PRIOR TO BID IN WRITING WITH THE ENGINEER. IF THE CONTRACTOR FAILS TO CLARIFY ANY QUESTIONS OR INCONSISTENCY, HE ACCEPTS RESPONSIBILITY TO CORRECT AT HIS COST ANY SUCH ITEM TO MEET INTENT AS DEFINED BY ENGINEER.
- F. EXAMINE THE DRAWINGS OF OTHER TRADES AND VERIFY THE CONDITIONS GOVERNING THE WORK ON THE JOB SITE. ARRANGE WORK ACCORDINGLY, PROVIDING SUCH FITTINGS, CONDUIT, JUNCTION BOXES AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.
- G. COORDINATE ARRANGEMENT, MOUNTING AND SUPPORT OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.
- H. VISIT THE SITE, EXAMINE AND VERIFY THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED BEFORE SUBMITTING PROPOSAL THE SUBMITTING OF A PROPOSAL IMPLIES THAT THE CONTRACTOR HAS VISITED THE SITE AND UNDERSTANDS THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED. NO ADDITIONAL CHARGES WILL BE ALLOWED BECAUSE OF FAILURE TO MAKE THIS EXAMINATION OR TO INCLUDE ALL MATERIALS AND LABOR TO COMPLETE THE WORK.
- BIDS SHALL BE BASED UPON MANUFACTURED EQUIPMENT SPECIFIED VOLUNTARY ALTERNATES MAY BE SUBMITTED FOR CONSIDERATION, WITH LISTED ADDITION OR DEDUCTION TO THE BID.
- J. WARRANTY: CONTRACTOR SHALL WARRANTY THAT THE ELECTRICAL INSTALLATION IS FREE FROM DEFECTS AND AGREES TO REPLACE OR REPAIR, TO THE OWNER'S SATISFACTION, ANY PART OF THIS ELECTRICAL INSTALLATION WHICH BECOMES DEFECTIVE WITHIN A PERIOD OF TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION FOLLOWING FINAL ACCEPTANCE, PROVIDED THAT SUCH FAILURE IS DUE TO DEFECTS IN THE EQUIPMENT, MATERIAL. WORKMANSHIP OR FAILURE TO FOLLOW THE CONTRACT DOCUMENTS.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY SERVICES INCLUDING EQUIPMENT AND INSTALLATION REQUIRED TO MAINTAIN OPERATION AS A RESULT OF ANY EQUIPMENT FAILURE OR DEFECT DURING WARRANTY PERIOD.
- L. FILE WITH THE OWNER ANY AND ALL WARRANTIES FROM THE EQUIPMENT MANUFACTURERS INCLUDING THE OPERATING CONDITIONS AND PERFORMANCE CAPACITIES THEY ARE BASED ON.
- M. IN GENERAL, DEMOLITION WORK IS INDICATED ON THE DRAWINGS. HOWEVER, THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE THE FULL EXTENT AND CHARACTER OF THIS WORK.
- N. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, REMOVED MATERIALS SHALL NOT BE REUSED IN THE WORK. SALVAGED MATERIALS THAT ARE TO BE REUSED SHALL BE STORED SAFE AGAINST DAMAGE AND TURNED OVER TO THE APPROPRIATE TRADE FOR REUSE. SALVAGED MATERIALS OF VALUE THAT ARE NOT TO BE REUSED SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SUCH OWNERSHIP IS WAIVED. ITEMS ON WHICH THE OWNER WAIVES OWNERSHIP SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO SHALL REMOVE AND LEGALLY DISPOSE OF SAME, AWAY FROM THE PREMISES.
- O. CONSULT WITH THE OWNER'S REPRESENTATIVE AS TO THE METHODS OF CARRYING ON THE WORK SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATION ANY MORE THAN ABSOLUTELY NECESSARY. ACCORDINGLY, ALL SERVICE LINES SHALL BE KEPT IN OPERATION AS LONG AS POSSIBLE AND THE SERVICES SHALL ONLY BE INTERRUPTED AT SUCH TIME AS WILL BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.

- P. ALL CUTTING. PATCHING AND REPAIR WORK SHALL BE PERFORMED BY THE CONTRACTOR THROUGH APPROVED, QUALIFIED SUBCONTRACTORS. CONTRACTOR SHALL INCLUDE FULL COST OF SAME IN BID.
- Q. PROVIDE ALL EXCAVATION, TRENCHING, TUNNELING, DEWATERING AND BACKFILLING REQUIRED FOR THE ELECTRICAL WORK. COORDINATE THE WORK WITH OTHER EXCAVATING AND BACKFILLING IN THE SAME
- R. INSPECT THE INSTALLATION OF ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATION AND APPLICABLE CODES.
- S. PROVIDE UL APPROVED FIRE-STOPPING SYSTEM FOR ALL PENETRATIONS PASSING THROUGH FIRE RATED ASSEMBLIES.
- T. COMPLY WITH NECA 1.
- U. PROVIDE COMPLETE OPERATION AND MAINTENANCE INSTRUCTIONAL MANUALS COVERING ALL ELECTRICAL EQUIPMENT HEREIN SPECIFIED, TOGETHER WITH PARTS LISTS.
- V. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER, RECORD DRAWINGS ON ELECTRONIC MEDIA OR BOND WHICH HAVE BEEN NEATLY MARKED TO REPRESENT AS-BUILT CONDITIONS FOR ALL NEW ELECTRICAL WORK.
- W. SUBMIT FOR APPROVAL SHOP DRAWINGS FOR ALL ELECTRICAL SYSTEMS OR EQUIPMENT BUT NOT LIMITED TO THE ITEMS LISTED BELOW:
- 1. PANELBOARDS
- 2. DISCONNECT SWITCHES
- 3. WIRING DEVICES
- 4. LIGHTING FIXTURES
- 5. FUSES
- W. PROVIDE AND INSTALL ARC-FLASH HAZARD LABELS ON EACH ELECTRICAL EQUIPMENT AND ENCLOSURES DEFINED BY NFPA 70E. LABELS SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 70E AND CONTAIN AS A MINIMUM:
- 1. VOLTAGE (PHASE—PHASE)
- 2. FLASH PROTECTION BOUNDARY (INCHES)
- 3. INCIDENT ENERGY LEVEL AT THE WORKING DISTANCE (CA/CM2)
- 4. PERSONNEL PROTECTIVE EQUIPMENT (PPE) CLASS AND DESCRIPTION.
- 5. RESTRICTED APPROACH BOUNDARY (INCHES)
- 6. LIMITED SHOCK APPROACH BOUNDARY (INCHES)
- 7. PROHIBITED SHOCK APPROACH BOUNDARY (INCHES)

#### GROUNDING AND BONDING

- A. EQUIPMENT GROUNDING: COMPLY WITH NFPA 70, ARTICLE 250, FOR TYPES, SIZES, AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY NFPA 70 ARE INDICATED.
- B. PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN EACH RACEWAY.
- C. ALL GROUND/BONDING CONDUCTORS SHALL BE MULTI-CONDUCTOR TYPE (UL LABELED ROPE STRAND BUILDING WIRE CLASS "M") BARE OR INSULATED AS NOTED OR REQUIRED.

#### CONDUCTORS AND CABLES

- A. CONDUCTOR MATERIAL: COPPER COMPLYING WITH NEMA WC 70; STRANDED CONDUCTOR, RATED FOR 600V, 98% CONDUCTIVITY.
- B. CONDUCTOR INSULATION TYPES: TYPE THHN-THWN. SO. COMPLYING WITH NEMA WC 70. CONDUCTOR INSTALLATION WILL BE CONTINUOUSLY COLOR COATED UP TO SIZE 500 KCMIL.
- C. CONCEAL CABLES IN FINISHED WALLS, CEILINGS, AND FLOORS. UNLESS OTHERWISE INDICATED.
- D. USE CONDUCTOR NOT SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS. UNLESS INDICATED OTHERWISE, ALL CIRCUITS SHALL BE 2#12, 1#12G, 3/4°C.
- E. USE CONDUCTOR NOT SMALLER THAN 14 AWG FOR CONTROL CIRCUITS, PROVIDED BY ELECTRICAL CONTRACTOR.
- F. SUPPORT COMMUNICATION CABLES FROM STRUCTURE ABOVE, USING SPRING METAL CLIPS OR PLASTIC CABLE TIES TO SUPPORT CABLES FROM STRUCTURE.
- G. USE "STA-KON" CONNECTORS TO TERMINATE STRANDED CONDUCTORS #10 AWG AND SMALLER TO SCREW TERMINALS.
- H. CONDUCTOR AND INSULATION APPLICATIONS:
- 1. FEEDERS: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY. 2. BRANCH CIRCUITS, INCLUDING IN CRAWLSPACES: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY.
- 3. CORD DROPS AND PORTABLE APPLIANCE CONNECTIONS: TYPE SO, HARD SERVICE CORD
- 4. CLASS I CONTROL CIRCUITS: TYPE THHN -THHWN IN RACEWAY.
- 5. CLASS II CONTROL CIRCUITS: POWER LIMITED CABLE

#### RACEWAYS AND BOXES

- A. SURFACE METAL RACEWAYS: GALVANIZED STEEL WITH SNAP-ON COVERS. FINISH WITH MANUFACTURER'S STANDARD PRIME COATING. WIREMOLD OR EQUAL. SIZE/TYPE AS SHOWN ON DRAWINGS.
- B. MINIMUM RACEWAY SIZE: 3/4-INCH TRADE SIZE.
- C. INSTALL CONDUIT IN ACCORDANCE WITH NECA "NATIONAL ELECTRICAL INSTALLATION STANDARDS".
- D. ROUTE CONDUITS IN FINISHED AREAS WITH EXPOSED CEILINGS AT UNDERSIDE OF STRUCTURAL DECK OR AS HIGH AS POSSIBLE. WHERE STEEL METAL DECK ON STEEL JOIST CONSTRUCTION, ROUTE CONDUITS ABOVE JOISTS. DO NOT SECURE CONDUIT TO BOTTOM OF

#### E. RACEWAY APPLICATIONS:

- 1. OUTDOORS ABOVE GRADE AND WET LOCATIONS: RIGID STEEL OR
- 2. OUTDOORS, BELOW GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS. PROVIDE WITH #16 AWG CU TRACING WIRE WITH 12" SPARE ACCESSIBLE AT EACH END.
- 3. INDOORS. BELOW SLAB ON GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS.
- 4. INDOORS, NOT EXPOSED TO PHYSICAL DAMAGE: EMT
- 5. INDOORS, EXPOSED TO PHYSICAL DAMAGE (EXPOSED, BELOW 10'): RIGID STEEL OR IMC.
- 6. CONNECTIONS TO MOTORS AND TRANSFORMERS: LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)
- E. ALL FITTINGS MUST BE STEEL COMPRESSION TYPE OR STEEL SET SCREW TYPE.
- F. COMPLETED RACEWAY SYSTEMS SHALL BE REAMED AND SWABBED PRIOR TO CONDUCTOR INSTALL.

# WIRING DEVICES

- A. STRAIGHT-BLADE-TYPE RECEPTACLES: COMPLY WITH NEMA WD 1, NEMA WD 6, DSCC W-C-596G, AND UL 498. CONFIGURATION 5-20R DUPLEX RECEPTACLE. HUBBELL HBL 5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- B. GFCI RECEPTACLES: STRAIGHT BLADE, FEED-THROUGH TYPE, GENERAL DUTY GRADE, WITH INTEGRAL NEMA WD 6, CONFIGURATION 5-20R DUPLEX RECEPTACLE: COMPLYING WITH UL 498 AND UL 943. DESIGN UNITS FOR INSTALLATION IN A 2-3/4-INCH- (70-MM-) DEEP OUTLET BOX WITHOUT AN ADAPTER. HUBBELL GF5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- C. WALL SWITCHES: SINGLE AND DOUBLE-POLE SWITCHES: COMPLY WITH DSCC W-C-896F AND UL 20. HUBBELL WIRING DEVICE, KELLEMS 1220 SERIES OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- D. WALL PLATES: PROVIDE STAINLESS STEEL WALL PLATES IN FINISHED
- E. WIRING DEVICE COLOR AS SELECTED BY ARCHITECT UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70.
- F. CONNECT WIRING DEVICE GROUNDING TERMINAL TO OUTLET BOX WITH BONDING JUMPER. USE OF QUICK GROUND STRAP OR SCREW IS NOT ACCEPTABLE.
- G. RECEPTACLES: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED. USE ADHESIVE LABEL WITH BLACK FILLED LETTERING ON FACE OF WALL PLATE, AND DURABLE WIRE MARKERS OR TAGS INSIDE OUTLET BOXES.
- H. CORD AND PLUG SETS: MATCH VOLTAGE AND CURRENT RATINGS AND NUMBER OF CONDUCTORS TO REQUIREMENTS OF EQUIPMENT BEING CONNECTED.
- 1. CORD: RUBBER-INSULATED, STRANDED-COPPER CONDUCTORS, WITH TYPE SOW-A JACKET; WITH GREEN-INSULATED GROUNDING CONDUCTOR AND EQUIPMENT-RATING AMPACITY PLUS A MINIMUM OF 30 PERCENT.
- 2. PLUG: NYLON BODY AND INTEGRAL CABLE-CLAMPING JAWS. MATCH CORD AND RECEPTACLE TYPE FOR CONNECTION.

#### ENCLOSED SWITCHES AND CIRCUIT BREAKERS

- A. FUSIBLE AND NON-FUSIBLE SWITCHES: NEMA KS 1, QUICK MAKE, QUICK-BREAK LOAD INTERRUPTER ENCLOSED KNIFE SWITCH TYPE HD, WITH CLIPS OR BOLT PADS TO ACCOMMODATE SPECIFIED FUSES (IF REQUIRED). EXTERNALLY OPERABLE LOCKABLE HANDLE WITH CAPABILITY TO ACCEPT TWO PADLOCKS, AND INTERLOCKED WITH COVER IN CLOSED POSITION. SQUARE D OR EQUAL.
- B. TOGGLE DISCONNECT SWITCH: HEAVY DUTY, 30A, 600 VOLT, DOUBLE OR THREE POLE AS REQUIRED, SINGLE THROW, MOTOR RATED SWITCH WITHOUT OVERLOAD PROTECTION. PROVIDE NEMA 1 ENCLOSURE AND PADLOCK ATTACHMENT.
- C. MOLDED-CASE CIRCUIT BREAKER: NEMA AB 1, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS. THERMAL-MAGNETIC CIRCUIT BREAKER WITH INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS AND INSTANTANEOUS

MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER.

- D. MOLDED-CASE SWITCHES: MOLDED-CASE CIRCUIT BREAKER WITH FIXED, HIGH-SET INSTANTANEOUS TRIP ONLY, AND SHORT-CIRCUIT WITHSTAND RATING EQUAL TO EQUIVALENT BREAKER FRAME SIZE INTERRUPTING RATING.
- E. COMPLY WITH APPLICABLE PORTIONS OF NECA 1, NEMA PB 1.1, AND NEMA PB 2.1 FOR INSTALLATION OF ENCLOSED SWITCHES AND CIRCUIT BREAKERS.
- F. SET FIELD-ADJUSTABLE SWITCHES AND CIRCUIT-BREAKER TRIP AND TIME DELAY SETTINGS.
- G. LABEL EACH DISCONNECT WITH ENGRAVED METAL OR LAMINATED-PLASTIC NAMEPLATE MOUNTED WITH CORROSION-RESISTANT SCREWS. INDICATE SOURCE AND LOAD SERVED.

#### ENCLOSED CONTROLLERS

- A. ENCLOSURES: FLUSH-OR SURFACE-MOUNTING CABINETS AS INDICATED. NEMA 250, TYPE 1, UNLESS OTHERWISE INDICATED TO COMPLY WITH ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
- B. SELECT HORSEPOWER RATING OF CONTROLLERS TO SUIT MOTOR CONTROLLED.
- C. FOR CONTROL EQUIPMENT AT WALLS, BOLT UNITS TO WALL OR MOUNT ON LIGHTWEIGHT STRUCTURAL-STEEL CHANNELS BOLTED TO WALL. FOR CONTROLLERS NOT AT WALLS. PROVIDE FREESTANDING RACKS.
- D. INSTALL FREESTANDING EQUIPMENT ON CONCRETE BASES.
- E. ENCLOSED CONTROLLER FUSES: INSTALL FUSES IN EACH FUSIBLE SWITCH.
- F. SELECT AND INSTALL HEATER ELEMENTS IN MOTOR STARTERS TO MATCH INSTALLED MOTOR CHARACTERISTICS.
- G. IDENTIFY ENCLOSED CONTROLLER, COMPONENTS, WITH ENGRAVED METAL OR LAMINATED - PLASTIC NAMEPLATE. IDENTIFY SOURCE AND LOAD SERVED.
- H. SET FIELD-ADJUSTABLE SWITCHES AND CIRCUIT-BREAKER TRIP RANGES.
- I. MANUAL CONTROLLER: NEMA ICS 2, GENERAL PURPOSE, CLASS A, WITH "QUICK-MAKE, QUICK-BREAK" TOGGLE OR PUSHBUTTON ACTION, MARKED TO SHOW WHETHER UNIT IS "OFF," "ON," OR "TRIPPED." AND OVERLOAD RELAY.
- J. MAGNETIC CONTROLLER: NEMA ICS 2, CLASS A, FULL VOLTAGE, NONREVERSING, ACROSS THE LINE, UNLESS OTHERWISE INDICATED.
- 1. CONTROL CIRCUIT: 120 V; OBTAINED FROM INTEGRAL CONTROL POWER TRANSFORMER WITH SUFFICIENT CAPACITY TO OPERATE CONNECTED PILOT, INDICATING AND CONTROL DEVICES, PLUS 100 PERCENT SPARE CAPACITY.
- 2. OVERLOAD RELAY: AMBIENT-COMPENSATED TYPE WITH INVERSE-TIME-CURRENT CHARACTERISTIC AND NEMA ICS 2, CLASS 20 TRIPPING CHARACTERISTIC. PROVIDE WITH HEATERS OR SENSORS IN EACH PHASE MATCHED TO NAMEPLATE FULL-LOAD CURRENT OF SPECIFIC MOTOR TO WHICH THEY CONNECT AND WITH APPROPRIATE ADJUSTMENT FOR DUTY CYCLE.
- K. COMBINATION MAGNETIC CONTROLLER: FACTORY-ASSEMBLED COMBINATION CONTROLLER AND DISCONNECT SWITCH.
- 1. FUSIBLE DISCONNECTING MEANS: NEMA KS 1, HEAVY-DUTY, FUSIBLE SWITCH WITH REJECTION-TYPE FUSE CLIPS RATED FOR FUSES. SELECT AND SIZE FUSES TO PROVIDE TYPE 2 PROTECTION ACCORDING TO IEC 947-4-1, AS CERTIFIED BY AN NRTL. L. ACCESSORIES:
- 1. DEVICES SHALL BE FACTORY INSTALLED IN CONTROLLER ENCLOSURE, UNLESS OTHERWISE INDICATED.
- 2. PUSH-BUTTON STATIONS, PILOT LIGHTS: NEMA ICS 2, HEAVY-DUTY TYPE.
- 3. INDICATING LIGHTS: RUN (RED), OFF OR READY (GREEN). 4. AUXILIARY CONTACTS: PROVIDE TWO NORMALLY OPEN (N.O.) AND TWO NORMALLY CLOSED (N.C.) CONTACTS.
- 5. SELECTOR SWITCH: NEMA ISC 2, MOUNTED IN FRONT COVER TO READ "HAND/OFF/AUTO," PROVIDE AUXILIARY CONTACT FOR AUTO POSITION MONITORING.
- 6. CONTROL RELAYS: AUXILIARY AND ADJUSTABLE TIME-DELAY RELAYS.



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**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO DRAWN BY: CHECKED BY: CMS SCHEDULE OF REVISIONS NO DATE DESCRIPTION UPDATED CABINET COMMENTS 4 | 11/14/16 | CHANGED AZIMUTH CMS

#### SITE NAME: AZ5 ANTHEM-SCHOOL SC

3 | 11/09/16 | CHANGED POLE TYPE | CMS

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**ELECTRICAL NOTES** 

SHEET NUMBER:

**E-1** 

#### PANELBOARDS

- A. COORDINATE LAYOUT AND INSTALLATION OF PANELBOARDS AND COMPONENTS WITH OTHER CONSTRUCTION THAT PENETRATES WALLS OR IS SUPPORTED BY THEM, INCLUDING ELECTRICAL AND OTHER TYPES OF EQUIPMENT, RACEWAYS, PIPING, AND ENCUMBRANCES TO WORKSPACE CLEARANCE REQUIREMENTS.
- B. COMPLIANCE WITH REQUIREMENTS PROVIDE PRODUCTS BY GE, SIEMENS OR ENGINEER APPROVED EQUAL.
- C. PHASE AND GROUND BUSES SHALL BE HARD-DRAWN COPPER, 98 PERCENT CONDUCTIVITY.
- D. SHORT-CIRCUIT RATING: FULLY RATED TO INTERRUPT SYMMETRICAL SHORT-CIRCUIT CURRENT AVAILABLE AT TERMINALS.
- E. ALL LUGS AND CONNECTORS SHALL BE RATED FOR 75°C MINIMUM.
- F. INSTALL PANELBOARDS AND ACCESSORIES ACCORDING TO NEMA PB 1.1.
- G. MOUNT TOP OF TRIM 74 INCHES (1880 MM) ABOVE FINISHED FLOOR, UNLESS OTHERWISE INDICATED.
- H. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS FROM RECESSED PANELBOARD INTO ACCESSIBLE CEILING SPACE OR SPACE DESIGNATED TO BE CEILING SPACE IN THE FUTURE. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS INTO RAISED FLOOR SPACE OR BELOW SLAB NOT ON GRADE.
- CREATE A DIRECTORY TO INDICATE INSTALLED CIRCUIT LOADS AFTER BALANCING PANELBOARD LOADS OR CREATED BY RETROFITTING. OBTAIN APPROVAL BEFORE INSTALLING. USE A COMPUTER OR TYPEWRITER TO CREATE DIRECTORY: HANDWRITTEN DIRECTORIES ARE NOT ACCEPTABLE. COORDINATE FINAL DIRECTORY ROOM NAMES AND NUMBERS WITH (OWNER) (FACILITY ENGINEER)
- J. PANELBOARD NAMEPLATES: LABEL EACH PANELBOARD WITH ENGRAVED METAL OR LAMINATED-PLASTIC NAMEPLATE MOUNTED WITH CORROSION-RESISTANT SCREWS. IDENTIFY SOURCE FED FROM.
- K. LOAD BALANCING: AFTER SUBSTANTIAL COMPLETION, BUT NOT MORE THAN 60 DAYS AFTER FINAL ACCEPTANCE, MEASURE LOAD BALANCING AND MAKE CIRCUIT CHANGES.
- . ON COMPLETION OF INSTALLATION, INSPECT INTERIOR AND EXTERIOR OF PANELBOARDS. REMOVE PAINT SPLATTERS AND OTHER SPOTS. VACUUM DIRT AND DEBRIS; DO NOT USE COMPRESSED AIR TO ASSIST IN CLEANING. REPAIR EXPOSED SURFACES TO MATCH ORIGINAL FINISH.
- M. LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARDS 1. BRANCH OVERCURRENT PROTECTIVE DEVICES: BOLT-ON CIRCUIT BREAKERS, REPLACEABLE WITHOUT DISTURBING ADJACENT UNITS.
- N. MOLDED-CASE CIRCUIT BREAKERS: UL 489, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.
- 1. THERMAL-MAGNETIC CIRCUIT BREAKERS: INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS, AND INSTANTANEOUS MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER WITH RESTRICTED ACCESS COVER.
- O. MOLDED-CASE CIRCUIT-BREAKER FEATURES AND ACCESSORIES: 1. LUGS: MECHANICAL STYLE, SUITABLE FOR NUMBER, SIZE, TRIP
- RATINGS, AND CONDUCTOR MATERIALS. 2. APPLICATION LISTING: APPROPRIATE FOR APPLICATION; TYPE SWD FOR SWITCHING FLUORESCENT LIGHTING LOADS: TYPE HACR FOR HEATING, AIR-CONDITIONING, AND REFRIGERATING EQUIPMENT.
- 3. GROUND-FAULT PROTECTION: INTEGRALLY MOUNTED RELAY AND TRIP UNIT WITH ADJUSTABLE PICKUP AND TIME-DELAY SETTINGS, PUSH-TO-TEST FEATURE, AND GROUND-FAULT INDICATOR.
- 4. SHUNT TRIP: 120-V TRIP COIL ENERGIZED FROM SEPARATE CIRCUIT, SET TO TRIP AT 75 PERCENT OF RATED VOLTAGE.
- 5. DO NOT USE TANDEM CIRCUIT BREAKERS. 6. PROVIDE LOCK ON DEVICES FOR CIRCUIT BREAKERS WHEN CALLED OUT ON PANEL SCHEDULES WITH "LOD" DESIGNATION.
- 7. PROVIDE GROUND FAULT INTERRUPT 5MA CIRCUIT BREAKER WHEN CALLED OUT ON PANEL SCHEDULES WITH "GFI" DESIGNATION. 8. PROVIDE SHUNT TRIP BREAKERS WHEN CALLED OUT ON PANEL
- SCHEDULES WITH "STB" DESIGNATION. P. ENCLOSURES: MOUNTING AS NOTED ON PANEL SCHEDULES.
- NEMA PB 1, RATED FOR ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
- a. INDOOR DRY LOCATIONS: NEMA 250, TYPE 1.
- b. OUTDOOR LOCATIONS: NEMA 250, TYPE 3R.
- c. OTHER WET OR DAMP INDOOR LOCATIONS: NEMA 250, TYPE 4. 1. CABINET FRONT: FLUSH OR SURFACE CABINET AS NOTED ON THE DRAWINGS, WITH FRONT WITH CONCEALED TRIM CLAMPS, PIANO TYPE HINGED DEAD FRONT COVER, HINGED DOOR, AND FLUSH LOCK ALL KEYED ALIKE.
- 2. DIRECTORY CARD: WITH TRANSPARENT PROTECTIVE COVER, MOUNTED IN METAL FRAME, INSIDE PANELBOARD DOOR.

A. TRANSIENT VOLTAGE SURGE SUPPRESSION MUST MEET UL 1449 CLASS CM 80,000A PER PHASE, PARALLEL CONNECTION, INTERNAL

DISCONNECT AND FUSING, WIRED WITH (WELDING OR BRAIDED) MULTI-CONDUCTOR WIRING, NO FERROUS CONDUIT, MAX LEAD LENGTHS 10'-0" AND SEPARATE GROUND, AS WELL AS GROUND TO NEUTRAL FOR EQUIPMENT (PANELS, ETC) LIEBERT, UNITED POWER, LEA DYNATEC OR ENGINEER APPROVED EQUAL. PROVIDE WITH THREE MODES OF PROTECTION: PHASE TO PHASE, PHASE TO GROUND. NEUTRAL TO GROUND.

#### <u>FUSES</u>

- A. OBTAIN FUSES FROM A SINGLE MANUFACTURER
- B. COORDINATE FUSE RATINGS WITH UTILIZATION EQUIPMENT NAMEPLATE LIMITATIONS OF MAXIMUM FUSE SIZE.
- C. EXAMINE UTILIZATION EQUIPMENT NAMEPLATES AND INSTALLATION INSTRUCTIONS. INSTALL FUSES OF SIZES AND WITH CHARACTERISTICS APPROPRIATE FOR EACH PIECE OF EQUIPMENT.
- D. INSTALL LABELS INDICATING FUSE REPLACEMENT INFORMATION ON INSIDE DOOR OF EACH FUSED SWITCH.
- E. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY COOPER BUSSMAN, INC. OR EQUAL.
- F. CARTRIDGE FUSES: NEMA FU 1. NONRENEWABLE CARTRIDGE FUSE: CLASS AND CURRENT RATING INDICATED; VOLTAGE RATING CONSISTENT WITH CIRCUIT VOLTAGE.
- 1. SERVICE ENTRANCE: CLASS L, TIME DELAY.
- 2. FEEDERS: CLASS RK5 TIME DELAY.
- 3. MOTOR BRANCH CIRCUITS: CLASS RK1, TIME DELAY. 4. OTHER BRANCH CIRCUITS: CLASS RK1, TIME DELAY.
- G. COMPLY WITH:
- 1. NEMA FU 1 LOW VOLTAGE CARTRIDGE FUSES.
- 2. NFPA 70 NATIONAL ELECTRICAL CODE
- 3. UL 198C HIGH—INTERRUPTING—CAPACITY FUSES, CURRENT-LIMITING TYPES.
- 4. UL 198E CLASS R FUSES.
- 5. UL 512 FUSEHOLDERS

# <u>IGHTING</u>

- A. PROVIDE LIGHTING FIXTURES AS INDICATED ON DRAWINGS.
- B. INSTALL BALLASTS, AND SPECIFIED ACCESSORIES AT FACTORY. INSTALL LAMPS ON PROJECT SITE AFTER FIXTURE INSTALLATION.
- C. FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS. INSTALL LAMPS IN EACH FIXTURE.
- D. SUPPORT LUMINAIRES INDEPENDENT OF CEILING FRAMING. SUPPORT RECESSED GRID LUMINARIES FROM TWO OPPOSITE CORNERS DIRECTLY TO STRUCTURE. WIRE OR ROD SHALL HAVE BREAKING STRENGTH OF THE WEIGHT OF FIXTURE AT A SAFETY FACTOR OF 3.
- E. INSTALL SURFACE MOUNTED LUMINAIRES AND EXIT SIGNS PLUMB AND ADJUST TO ALIGN WITH BUILDING LINES AND WITH EACH OTHER. SECURE TO PROHIBIT MOVEMENT.
- F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A AND UL 486B.
- G. MAKE WIRING CONNECTIONS TO BRANCH CIRCUIT USING BUILDING WIRE WITH INSULATION SUITABLE FOR TEMPERATURE CONDITIONS WITHIN LUMINAIRE.
- H. BOND PRODUCTS AND METAL ACCESSORIES TO BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR.
- I. CONNECT LUMINAIRES TO BRANCH CIRCUIT OUTLET BOXES PROVIDED UNDER RACEWAYS AND BOXES SECTION USING 1/2" FLEXIBLE CONDUIT.
- J. CLEAN ELECTRICAL PARTS TO REMOVE CONDUCTIVE AND DELETERIOUS MATERIALS.
- K. REMOVE DIRT AND DEBRIS FROM ENCLOSURES AND LENSES.
- L. CLEAN FINISHES AND TOUCH UP DAMAGE.
- M. PROVIDE PROGRAM RAPID START ELECTRONIC BALLASTS FOR LINEAR LAMPS: COMPLY WITH NEMA C82.11; SOUND RATING A OR BETTER: TOTAL HARMONIC DISTORTION RATING OF LESS THAN 20%; OPERATING FREQUENCY: 25 KHZ OR HIGHER, AND OPERATE WITHOUT VISIBLE FLICKER; LAMP CURRENT CREST FACTOR LESS THAN 1.7: POWER FACTOR SHALL BE 90% MINIMUM; BALLAST FACTOR SHALL BE .875 TO 1.00.
- N. FLUORESCENT LAMPS: COMPLY WITH FEDERAL TOXIC CHARACTERISTIC LEACHING PROCEDURE TEST, AND YIELD LESS THAN 0.2 MG OF MERCURY PER LITER, WHEN TESTED ACCORDING TO NEMA LL 1. PROVIDE FLUORESCENT LAMPS BY OSRAM SYLVANIA. PHILLIPS OR GENERAL ELECTRIC. TYPE AND COLOR TEMPERATURE AS SCHEDULED.

# <u>ABBR</u>EVIATION A.F.F. AIC ΑН ATS AUX AWG BKR BPS CB CKT DEMO DIM DISC DP DS DWG EC EGB ELEC ΕM

HV

HΖ

**IPGB** 

JB

ΚV

KVA

KWH

LA

ΙP

LDP

LPG

LTV

LVLD

MAX

MCB

MCC

MDP

MGB

MIN

MISC.

MLO

MTD

MTG

NIU

NC

NEC

NIC

NL

NO

NTS

OC

MECH

ΚW

HORSEPOWER

HIGH VOLTAGE

JUNCTION BOX

KILOVOLT

KILOWATT

MAXIMUM

MECHANICAL

MISCELLANEOUS

MAIN LUGS ONLY

NORMALLY CLOSED

NOT IN CONTRACT

NORMALLY OPEN

NOT TO SCALE

NON-FUSIBLE

NIGHT LIGHT

ON CENTER

MINIMUM

MOUNTED

MOUNTING

NEUTRAL

ISOLATED GROUND

ISOLATED GROUND ZONE

KILOVOLT - AMPERES

KILOWATT - HOURS

LIGHTING PANEL

LIGHTNING ARRESTOR

LIGHTING DISTRIBUTION PANEL

LOW-VOLTAGE LOAD DISCONNECT

LIQUEFIED PROPANE GAS

LET-THROUGH VOLTAGE

MAIN CIRCUIT BREAKER

MASTER GROUND BUS

MOTOR CONTROL CENTER

MAIN DISTRIBUTION PANEL

NETWORK INTERFACE UNIT

NATIONAL ELECTRICAL CODE

INTERNAL PERIMETER GROUND BUS CONDUCTOR/HALO

HERTZ

<u>ABBREVIATION</u>	<u>DESCRIPTION</u>	OF CI	OWNER FURNISHED, CONTRACTOR INSTALLED
A	AMPERES	P	POLE
AF		PB	PUSHBUTTON STATION
	AMPERES FRAME (BREAKER RATING)	PH	PHASE
A.F.F.	ABOVE FINISH FLOOR	PXFMR	POTENTIAL TRANSFORMER
AIC	AMPS INTERRUPTING CAPACITY	PDP	POWER DISTRIBUTION PANEL
AL	AUDIENCE LEFT	RECEPT.	RECEPTACLE
AH	AMPERE HOURS	RDP	RECEPTACLE DISTRIBUTION PANEL
AR	AUDIENCE RIGHT	RP	RECEPTACLE PANEL
AT	AMPERES TRIP (BREAKER SETTING)	(R)	RELOCATED
ATS	AUTOMATIC TRANSFER SWITCH	RSC	RIGID STEEL CONDUIT
AUX	AUXILIARY	SCHED	SCHEDULE
AWG	AMERICAN WIRE GAUGE	SD	SERVICE DISCONNECT SWITCH
BKR	BREAKER	SES	SERVICE ENTRANCE SECTION
BPS	BOLTED PRESSURE SWITCH	SN	SOLID NEUTRAL
C	CONDUIT	SGB	SHELTER GROUND BUS / SUB-STATION GROUND BUS
СВ	CIRCUIT BREAKER	SPD	SURGE PROTECTION DEVICE
CKT	CIRCUIT	SW	SWITCH
CT	CURRENT TRANSFORMER	SWBD	SWITCHBOARD
DEMO	DEMOLITION	SWGR	SWITCHGEAR
DIM	DIMENSION	TP	TAMPER PROOF
DISC	DISCONNECT	TB	TERMINAL BOX
DP	DISTRIBUTION PANEL	TELECOM	TELECOMMUNICATIONS
DS	DOWNSTAGE	TTB	TELEPHONE TERMINAL BACKBOARD
DWG	DRAWING	TGB	TOWER GROUND BAR
EC	ELECTRICAL CONTRACTOR	TYP	TYPICAL
EGB	EXTERIOR GROUND BUS		TRANSFORMER
ELEC	ELECTRICAL	XFMR / TR	
EM / EMERG	EMERGENCY	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EME EME	ELECTROMAGNETIC ENERGY	U/G	UNDERGROUND
EMT	ELECTRICAL METALLIC TUBING	UE	UNDERGROUND ELECTRICAL
EO	ELECTRICALLY OPERATED	UT	UNDERGROUND TELCO
EWC	ELECTRIC WATER COOLER	U.O.N.	UNLESS OTHERWISE NOTED
EXIST. / (E)	EXISTING	US	UPSTAGE
	EXPLOSION PROOF	V	VOLTS
FA	FIRE ALARM	VSWR	VOLTAGE STANDING WAVE RATIO
FLA	FULL LOAD AMPS	W	WIRE
FLR	FLOOR	WP	WEATHERPROOF - NEMA 3R
FOH			
	FRONT OF HOUSE		
FU (SDD (FO	FUSE	FLECTRICAL CV	MADOLCLICT
G/GRD/EG	GROUND	ELECTRICAL SY (NOT ALL MA)	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER		
HOA	HAND-OFF-AUTO		TEST WELL/GROUND ROD
HVAC	HEATING, VENTILATION AND AIR CONDITIONING EQUIP.	<u> </u>	GROUND ROD - 5/8" x 10' COPPER CLAD

OFCI

NOT ALL MA		DRA	WN BY:
`	TEST WELL/GROUND ROD	CHE	CKED BY:
<b>Ø</b> •	GROUND ROD - 5/8" x 10' COPPER CLAD		SCHEDU
	MECHANICAL CONNECTION	NO	DATE
G	EXOTHERMIC WELD CONNECTION  GROUNDING WIRE	6	05/21/17
<del>***</del> ***	GROUND BAR	5	12/02/16
<del>-</del>	SURGE SUPPRESSOR GROUND BAR	4	11/14/16
□-' M	FUSED DISCONNECT SWITCH METER AND MAIN BREAKER	3	11/09/16
<b></b>	MANUAL XFR SWITCH AND GEN. RECPT.		
TMB	TELCO BOARD	A	Z5_ANTH
— Е —	ELECTRICAL POWER		
—— FB——	FIBER LINE		

OWNER FURNISHED, CONTRACTOR INSTALLED

# 1-LINE DIAGRAM

•••	CIRCUIT BREAKER, FIXED MOUNTED.
<b>⋘</b> ◆>	CIRCUIT BREAKER, DRAWOUT MOUNTING.
<b>-√-</b>	FUSIBLE SWITCH. SIZE AS INDICATED ON DRAWINGS.
3 €	DISTRIBUTION TRANSFORMER
_	CURRENT TRANSFORMER
M	METERING DEVICE
•	PANELBOARD, MAIN LUG ONLY
~	PANELBOARD, MAIN CIRCUT BREAKER
• 1	TRANSFER SWITCH — MANUAL OR AUTOMATIC

SURFACE MOUNTED PANEL BOARD.

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**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO CMS DULE OF REVISIONS DESCRIPTION UPDATED CABINET COMMENTS

> SITE NAME: HEM-SCHOOL SC

CHANGED AZIMUTH CMS

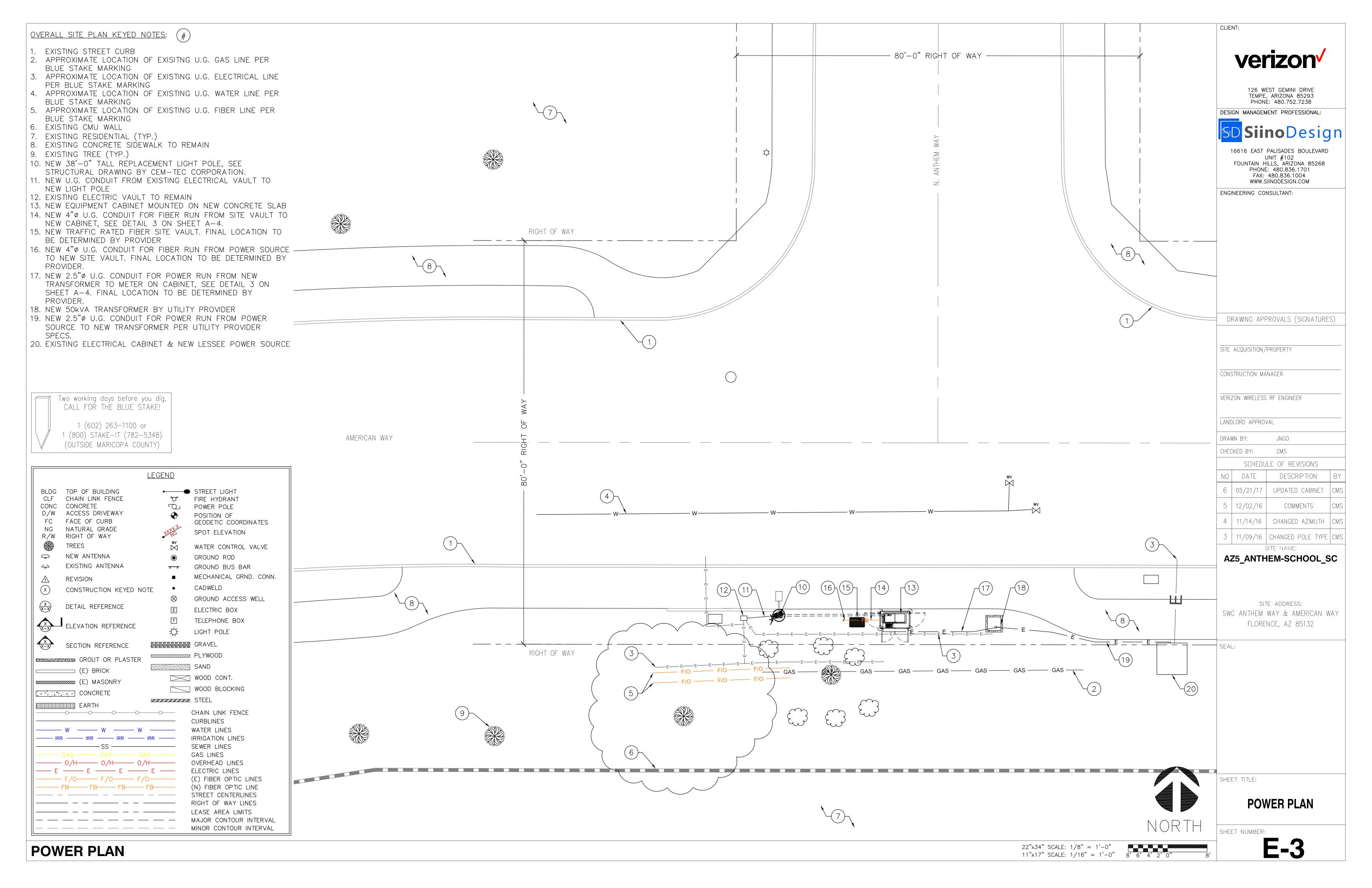
CHANGED POLE TYPE CMS

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SHEET TITLE:

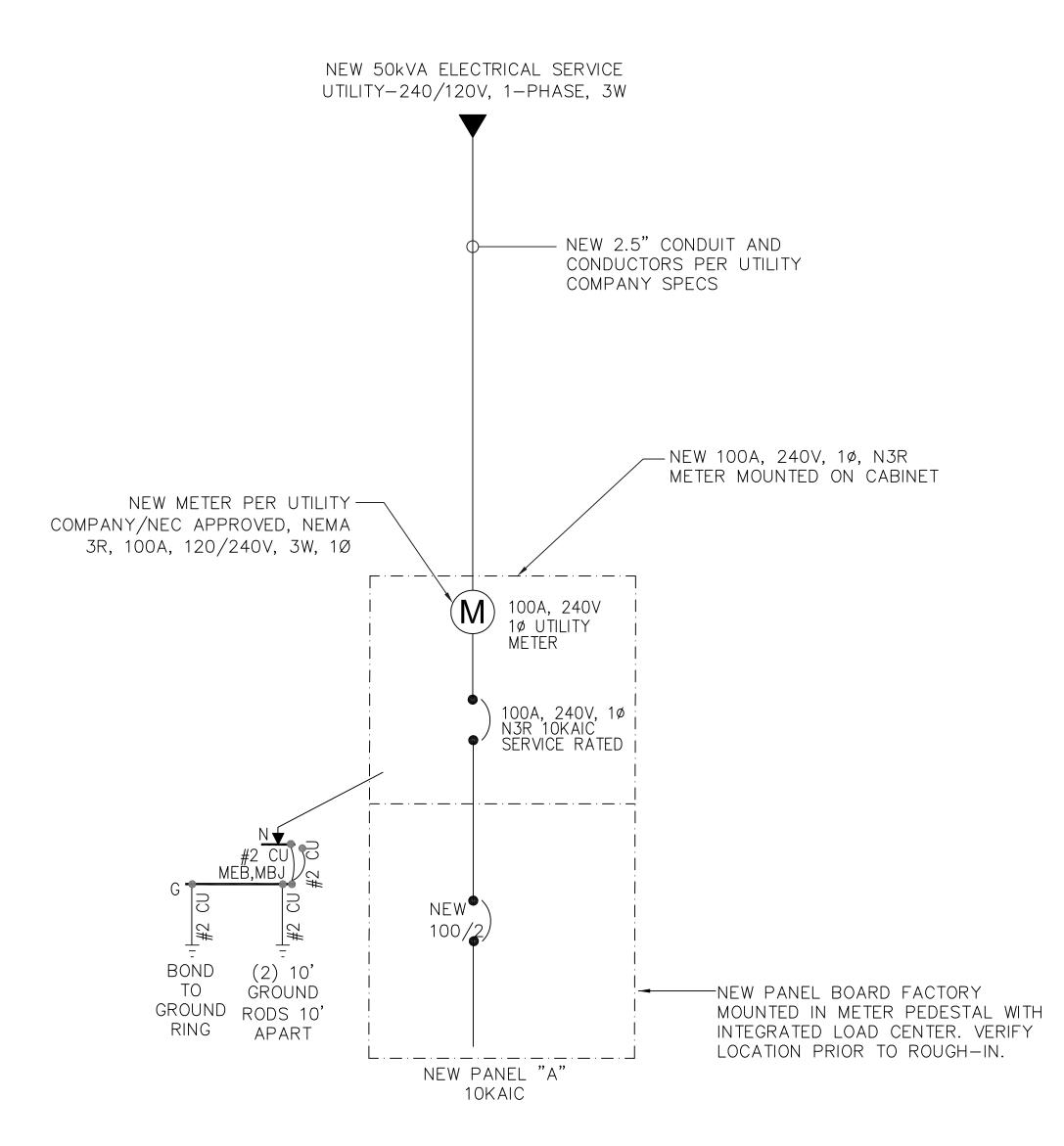
**ELECTRICAL NOTES** 

SHEET NUMBER:

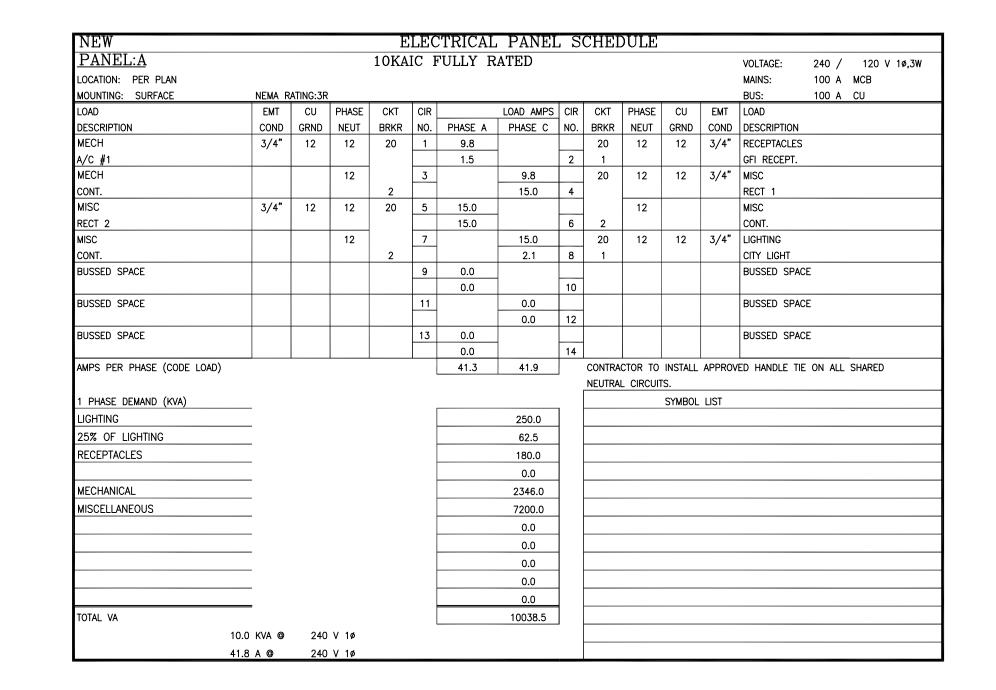


# NOTES:

- PRE-CONSTRUCTION MEETING AND ELECTRICAL EASEMENT REQUIRED.
- 2. #6 COPPER WIRE AND GREATER SHALL BE (COPPER) THWN WIRE OR (COPPER) XHHW.
- PRIOR TO RUNNING CONDUIT ROUTE -CONTRACTOR SHALL CONTACT THE VERIZON PROJECT MANAGER AND VERIFY THE EQUIPMENT CABINET LAYOUT CONFIGURATION AND ROUTE CONDUITS ACCORDINGLY.



**ONE-LINE DIAGRAM** 



# PANEL SCHEDULE

FAULT CALC	ULATIONS
FAULT AVAILABLE AT THE SERVICE: SERVICE VOLTAGE:	22,000 AMPS RMS SYMM PER UTILITY CHART 120/240V, 1PH
Panel A DISTANCE CONDUIT TYPE CONDUCTOR Fault Available L—L:	5 Feet Nonconductive #1 CU. 21,761A

CODE LOAD SUMMARY	
PANEL 'A' @ 240V =	40.0A

Representative:	TBD D
Telephone Company Representative: Telephone #:	
Submit drawings to	O Utility Company representative as require les included in the Electrical Drawings. Pre

Two working days before you dig, CALL FOR THE BLUE STAKE! 1 (602) 263-1100 or 1 (800) STAKE-IT (782-5348) (OUTSIDE MARICOPA COUNTY)

CLIENT:



126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

DESIGN MANAGEMENT PROFESSIONAL:

**Siino**Design

16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

ENGINEERING CONSULTANT:

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY CONSTRUCTION MANAGER VERIZON WIRELESS RF ENGINEER LANDLORD APPROVAL DRAWN BY: JNGO CMS CHECKED BY: SCHEDULE OF REVISIONS DESCRIPTION 6 05/21/17 UPDATED CABINET

AZ5\_ANTHEM-SCHOOL\_SC

4 | 11/14/16 | CHANGED AZIMUTH CMS

3 | 11/09/16 | CHANGED POLE TYPE CMS

COMMENIS

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

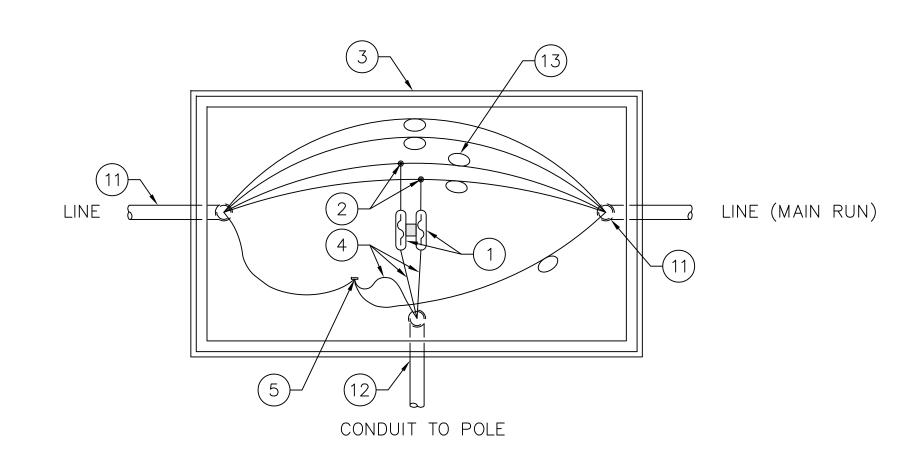
ONELINE DIAGRAM & PANEL SCHEDULE

SHEET NUMBER:

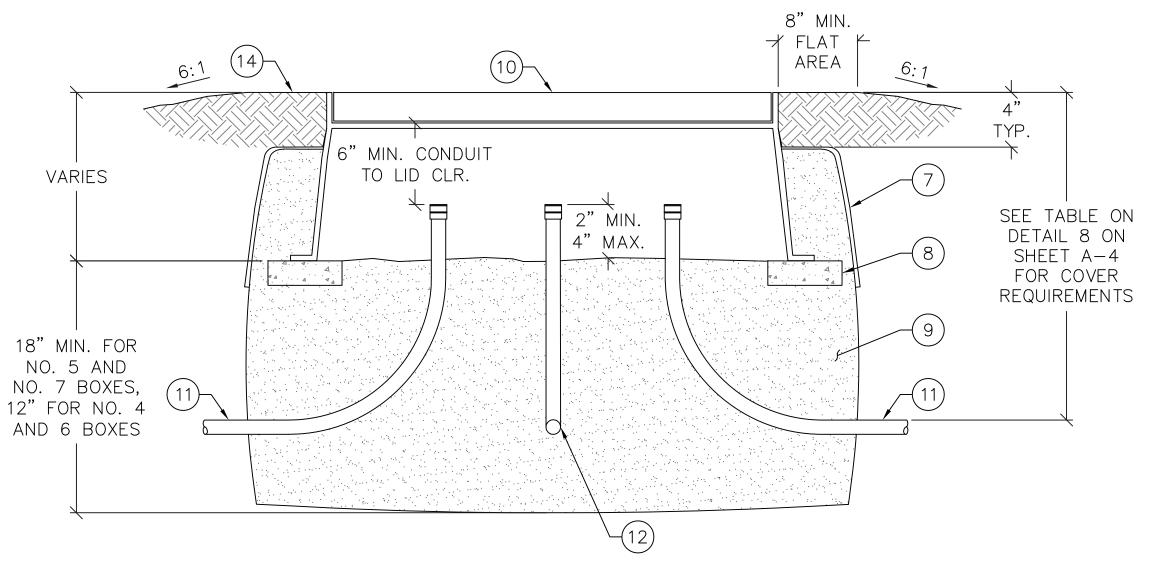
E-4

# TYPICAL PULL BOX KEYED NOTES: (#)

- 1. DUAL IN-LINE FUSE HOLDER WITH APPROVED FUSE: (STREET LIGHT TYPE), SEE DETAIL 2 FOR DETAILS AND REQUIREMENTS
- 2. APPROVED SPLICE (PER ADOT STD. SPEC "MADE" CONNECTION), OR CONNECTION KIT, OR APPROVED UNDERGROUND WIRE CONNECTOR, SEE NOTE 8.
- 3. LD OR HD PULL BOX (COVER REMOVED FOR CLARITY)
- 4. #12 AWG STRANDED XHHW-2 INSULATED CONDUCTORS (OR LARGER SIZE OF NOTED ON PLANS)
- 5. GREEN XHHW-2 INSULATED EQUIPMENT BOND WITH APPROVED COPPER CRIMP CONNECTOR. STEEL LID INSTALLATION SHALL INCLUDE AN ADDITIONAL BOND WIRE CONNECTED TO THE LID.
- 6. CONDUIT END BELL (TYP.)
- 7. 30LB FELT ROOFING PAPER
- 8. CONCRETE BUILDING BLOCK (8" X 1-1/2" X 16")
- 9. CLASSED "A" CONCRETE AGGREGATE DESIGNATED ASHTO SIZE NO. 57. SUMP BOX DRAINAGE. OR EQUIVALENT GRAVEL MATERIAL.
- 10. NON-CONDUCTIVE PULL BOX LID
- 11. MAIN RUN CONDUIT NUMBER AND SIZE VARY BASED ON NEED, STD. SIZES ARE: 2" FOR LIGHTING, 3" FOR SIGNALS
- 12. BOX-TO-POLE CONDUIT, SIZE VARIES BASED ON NEED, STD. SIZES ARE 1" FOR LIGHTING, 2" FOR A POLES AND 3" FOR ALL OTHER SIGNAL POLES.
- 13. SEE NOTE 4 (TYP.)
- 14. FINISHED GRADE TO SLOPE AWAY FROM BOX FOR DRAINAGE PROVIDE COMPACTED BACKFILL AS NECESSARY



# TYPICAL ROADWAY LIGHTING PULL BOX WIRING

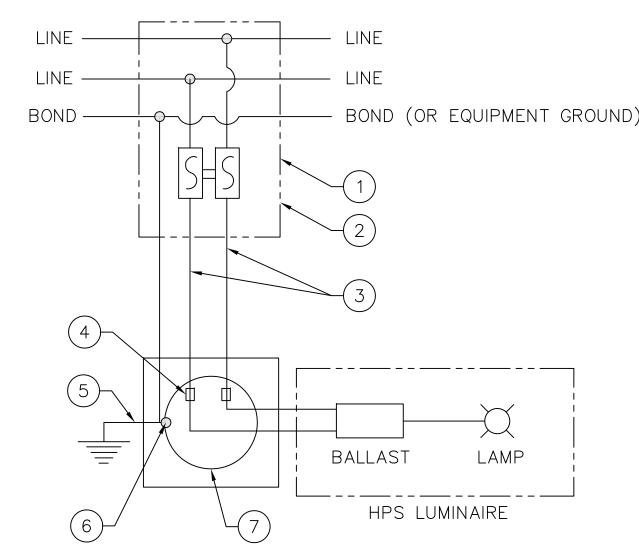


# TYPICAL IN-GROUND PULL BOX INSTALLATION

- BACKFILL WITH EXCAVATED MATERIAL AND COMPACT IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SUBSECTION 203-5 OF THE ADOT STANDARD SPECIFICATIONS.
- WHERE PULL BOXES ARE INSTALLED IN CONCRETE AREAS, THE BOX AND LID SHALL BE FLUSH WITH SIDEWALK SURFACE. SEE ADOT DETAIL T.S. 1-4 SHEET 3 OF 3 FOR DETAILS.
- PULL BOXES IN NON-PAVED AREAS SHALL BE PROVIDED WITH A CONCRETE COLLAR IF SPECIFIED. SEE ADOT DETAIL T.S. 1-4 SHEET 3 OF 3 FOR DETAILS.
- CONDUCTORS SHALL HAVE A MINIMUM OF 24" AND A MAXIMUM OF 36" TOTAL IN BOX SLACK FROM CONDUIT END BELLS.
- CONDUIT ENDS SHALL HAVE A NOMINAL 6" TO 8" CLEARANCE FROM THE BOTTOM OF THE LID TO ALLOW FOR CONNECTORS AND SLACK WIRE. EXTENSIONS OR DEEPER BOXES SHALL BE USED AS NECESSARY TO MAINTAIN THIS CLEARANCE AND TO PROVIDE NEEDED VOLUME FOR CABLES, CONDUCTORS, AND CONNECTIONS
- CONDUIT END BELLS SHALL BE INSTALLED ON ALL CONDUITS PRIOR TO THE INSTALLATION OF CONDUCTORS AND CABLES.
- INSTALLATION REQUIREMENTS FOR NO. 4 AND NO. 6 BOX WILL VARY.
- THE APPROVED SPLICE SHALL BE THIRD PARTY CERTIFIED (UL486 OR EQUAL) FOR DAMP/WET LOCATIONS AND DIRECT BURIAL.
- SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 1-5 FOR CONDUIT REQUIREMENTS.

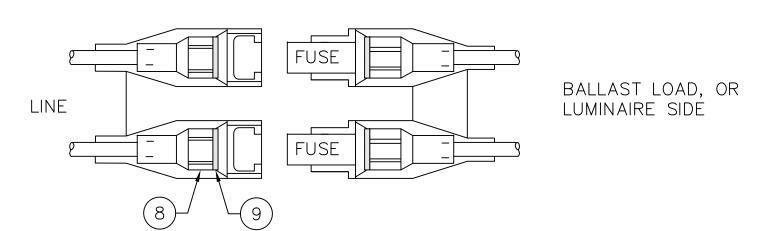
STREET LIGHT POLE WIRING DIAGRAM KEYED NOTES: (#

- 1. PULL OR JUNCTION BOX
- 2. FUSE HOLDER (TYP.)
- 3. LOAD
- 4. ADDITIONAL IN-LINE BREAK-AWAY CONNECTORS IF POLE IS ON A BREAK-AWAY BASE (TYP.)
- 5. GROUND AT POLE FOUNDATION
- 6. POLE OR BASE BONDING LUG
- 7. POLE
- 8. CRIMP-ON CONNECTOR (TYP.)
- 9. SPRING (TYP.)
- 10. THIS SIDE OF THE CONNECTOR SHALL BE CLAMPED SECURE, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5 SERIES FOR MORE DETAILS
- 11. CRIMP CONNECTOR
- 12. THIS SIDE OF THE CONNECTOR SHALL BE LEFT FREE TO PULL OUT, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5 SERIES FOR MORE DETAILS



# WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE

(240 SIDE OF 120/240 SINGLE PHASE) (480 SIDE OF 240/480 SINGLE PHASE)

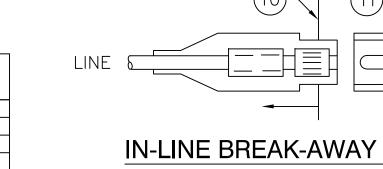


BALLAST LOAD, OR

LUMINAIRE SIDE

# **DOUBLE-POLE BREAKAWAY**

(IN-LINE FUSE HOLDER WITH FUSE)



IN-LINE BREAK-AWAY CONNECTOR

(SEE NOTES, CONFIGURATION MAY VARY FROM WHAT IS SHOWN)

# NOTES CONTINUED

NOMINAL HPS LUMINAIRE WATTAGE

IN-LINE FUSE SIZES:

CLASS CC OR 5AG MIDGET

- 10. THIS DETAIL APPLIES ONLY TO HIGH-PRESSURE SODIUM (HPS) HORIZONTAL, VERTICAL, AND HIGH-MAST MOUNT LUMINAIRES THAT ARE ON STANDARD OR BREAK-AWAY POLES THAT DO NOT HAVE LOWERING DEVICES, UNLESS SPECIFIED OTHERWISE.
- 11. THE UN-FUSED IN-LINE CONNECTORS SHALL BE USED UNSIDE THE BREAK-WAY TRANSFORMER BASE. SEE T.S. 5 SERIES FOR ADDITIONAL REQUIREMENTS.
- 12. FUSED AND UN-FUSED IN-LINE CONNECTORS SHALL BE APPROVED, NON-LOCKING, MADE OF A FLEXIBLE MATERIAL THAT IS SUITABLE FOR ROADWAY LIGHTING APPLICATIONS PER THE CONDITIONS PRESENT.
- 13. CONNECTOR, FUSE HOLDERS, AND FUSES SHALL BE APPROVED.
- 14. THE IN-LINE FUSE SHALL BE SUITABLE AS A SUPPLEMENTARY OVER CURRENT PROTECTION DEVICE. IT SHALL BE A TIME-DELAY FUSE THAT SHALL HAVE A VOLTAGE RATING OF 600VAC. THE INTERRUPTION CURRENT RATING SHALL BE 100KA RMS SYMMETRICAL MINIMUM.
- 15. EACH INDIVIDUAL LUMINAIRE ON A SINGLE POLE SHOULD BE ON SEPARATE FEEDER CIRCUITS. EACH LUMINAIRE SHALL BE INDIVIDUALLY FUSED.
- 16. ADDITIONAL IN-LINE BREAKAWAY CONNECTIONS SHALL NOT BE PROVIDED ON STANDARD BASE POLES (NON-BREAK-AWAY)
- 17. TRAFFIC SIGNAL POLES WITHIN THE CLEAR ZONE ON BREAK-AWAY BASES SHALL BE FUSED IN SIMILAR FASHION.



126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

**Siino**Design

DESIGN MANAGEMENT PROFESSIONAL

16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, "ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO DRAWN BY: CMS CHECKED BY:

SCHEDULE OF REVISIONS DESCRIPTION 6 05/21/17 UPDATED CABINET

COMMENTS 4 | 11/14/16 | CHANGED AZIMUTH | 11/09/16 | CHANGED POLE TYPE | CMS

# AZ5\_ANTHEM-SCHOOL\_SC

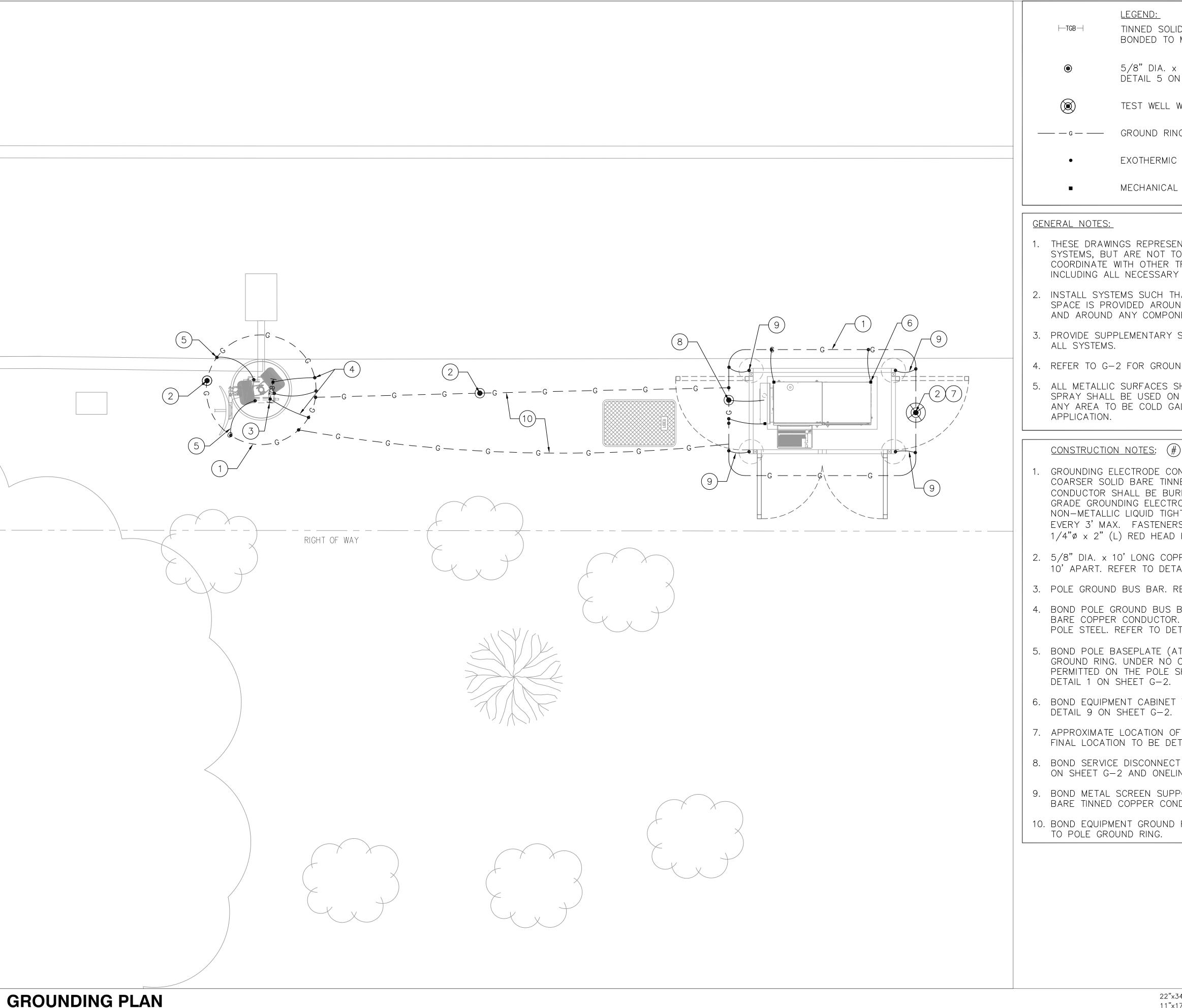
SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

STREET LIGHT POLE **WIRING DETAILS** 

**E-5** 



LEGEND:

TINNED SOLID ALLOY 110 COPPER POLE /ANTENNA BUS BAR BONDED TO MONOPOLE STEEL

5/8" DIA. x 10' COPPER CLAD GROUND ROD. REFER TO DETAIL 5 ON SHEET G-2



TEST WELL WITH GROUND ROD

———— GROUND RING

EXOTHERMIC WELD OR IRREVERSIBLE HIGH-COMPRESSION CRIMP

MECHANICAL CONNECTION

CLIENT:

126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

DESIGN MANAGEMENT PROFESSIONAL: **Siino** Design

16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

ENGINEERING CONSULTANT:

- 1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
- 2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
- 3. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF
- 4. REFER TO G-2 FOR GROUNDING DETAILS.
- 5. ALL METALLIC SURFACES SHALL BE PREPARED PRIOR TO BONDING, COLD GALV. SPRAY SHALL BE USED ON ANY EXOTHERMIC WELD TO PREVENT CORROSION, ANY AREA TO BE COLD GALV. SPRAY SHALL BE TAPED OFF PRIOR TO

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

VERIZON WIRELESS RF ENGINEER

CONSTRUCTION MANAGER

LANDLORD APPROVAL

DRAWN BY:

CHECKED BY:

- GROUNDING ELECTRODE CONDUCTOR SYSTEM (GROUND RING), #2 AWG OR COARSER SOLID BARE TINNED COPPER CONDUCTOR. GROUNDING ELECTRODE CONDUCTOR SHALL BE BURIED 30" BELOW GRADE WHERE APPLICABLE. ABOVE GRADE GROUNDING ELECTRODE CONDUCTOR TO BE ROUTED IN FLEXIBLE NON-METALLIC LIQUID TIGHT CONDUIT & FASTENED TO CONCRETE SURFACE EVERY 3' MAX. FASTENERS SHALL BE FLEXIBLE CONDUIT HALF STRAPS W/ 1/4"ø x 2" (L) RED HEAD HAMMER-SET NAIL DRIVE ANCHOR OR EQUIV.
- 2. 5/8" DIA. x 10' LONG COPPER CLAD GROUND ROD PLACED MINIMUM EVERY 10' APART. REFER TO DETAIL 3 ON SHEET G-2.
- 3. POLE GROUND BUS BAR. REFER TO DETAIL 5 ON SHEET G-2.
- 4. BOND POLE GROUND BUS BAR TO GROUND RING WITH #2 AWG SOLID TINNED BARE COPPER CONDUCTOR. BOND TO POLE GROUND BUS BAR DIRECTLY TO POLE STEEL. REFER TO DETAIL 5 ON SHEET G-2.
- 5. BOND POLE BASEPLATE (AT MANUFACTURER INSTALLED BONDING TAB) TO GROUND RING. UNDER NO CIRCUMSTANCES WILL EXOTHERMIC WELDING BE PERMITTED ON THE POLE SHAFT MEMBER, TYPICAL 3 LOCATIONS. REFER TO DETAIL 1 ON SHEET G-2.
- 6. BOND EQUIPMENT CABINET TO GROUND RING PER MANUFACTURER SPECS, SEE DETAIL 9 ON SHEET G-2.
- 7. APPROXIMATE LOCATION OF NEW TEST WELL, SEE DETAIL 7 ON SHEET G-2. FINAL LOCATION TO BE DETERMINED AT FIELD.
- 8. BOND SERVICE DISCONNECT TO INDEPENDENCE GROUND RODS, SEE DETAIL 3 ON SHEET G-2 AND ONELINE DIAGRAM ON SHEET E-4.
- 9. BOND METAL SCREEN SUPPORT POST TO GROUND RADIAL WITH #2 AWG SOLID BARE TINNED COPPER CONDUCTOR.
- 10. BOND EQUIPMENT GROUND RING WITH #2 AWG SOLID BARE TINNED COPPER TO POLE GROUND RING.

SCHEDULE OF REVISIONS

JNGO

CMS

DESCRIPTION 6 | 05/21/17 | UPDATED CABINET

COMMENTS | 11/14/16 | CHANGED AZIMUTH CMS

3 | 11/09/16 | CHANGED POLE TYPE CMS

#### AZ5\_ANTHEM-SCHOOL\_SC

SITE ADDRESS: SWC ANTHEM WAY & AMERICAN WAY FLORENCE, AZ 85132

NORTH

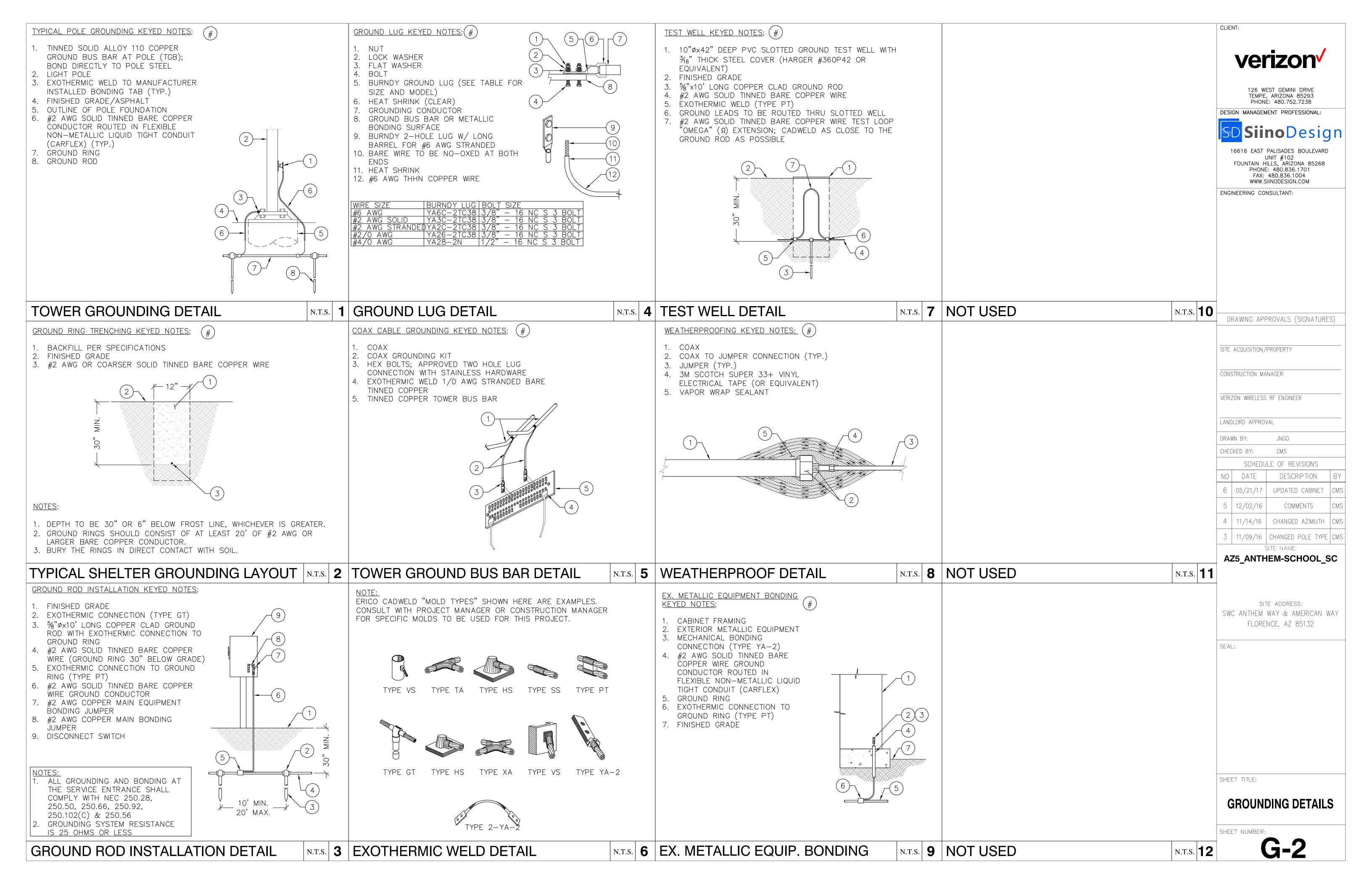
SHEET TITLE:

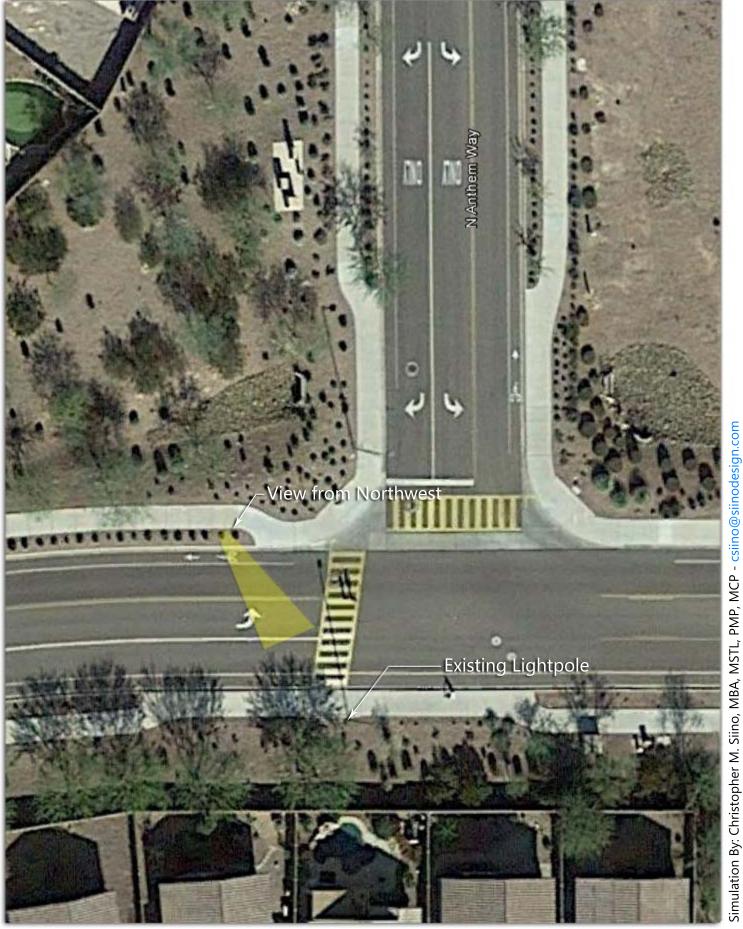
**GROUNDING PLAN** 

SHEET NUMBER:

**G-1** 

22"x34" SCALE: 1/2" = 1'-0" 11"x17" SCALE: 1/4" = 1'-0"







AZ5\_ANTHEM-SCHOOL\_SC

SWC Anthem Way & American Way, Florence, Arizona 85132







AZ5\_ANTHEM-SCHOOL\_SC

SWC Anthem Way & American Way, Florence, Arizona 85132







AZ5\_ANTHEM-SCHOOL\_SC

SWC Anthem Way & American Way, Florence, Arizona 85132



#### Site Supplement No. 2

This Site Supplement No. 2 ("Supplement"), is made this \_\_day of \_\_\_\_\_\_\_, 2017 ("Supplement Effective Date"), between the TOWN OF FLORENCE, Arizona, hereinafter designated "Licensor" and GILA RIVER CELLULAR GENERAL PARTNERSHIP, d/b/a Verizon Wireless, with its principal offices at c/o Verizon Wireless, 180 Washington Valley Road, Bedminster, New Jersey 07921, hereinafter designated "Licensee":

- 2. <u>Project Description and Locations</u>. Licensee shall have the right to use the Municipal Facility for Equipment at the designated areas in the ROW as further described in Exhibit 1 attached hereto (the "Licensed Area").
- 3. <u>Equipment</u>. The Equipment to be installed at the Licensed Area is described in Exhibit 1 attached hereto.
- 4. <u>Term.</u> The term of this Supplement shall be as set forth in Section 9.7 of the Agreement.
- 5. <u>Fees.</u> The initial Annual Attachment Fee for the term of this Supplement shall be \$3,368, as determined in accordance with the Agreement, as adjusted by Section 10.4.
- 6. <u>Commencement Date</u>. The first day of the month following the forty fifth (45<sup>th</sup>) day following the Supplement Effective Date.
- Approvals/Fiber. It is understood and agreed that Licensee's ability to use the Licensed Area is contingent upon its obtaining all of the certificates, permits and other approvals (collectively the "Governmental Approvals") that may be required by any Federal, State or Local authorities, as well as a satisfactory fiber and electrical connection which will permit Licensee use of the Licensed Area as set forth above. In the event that (i) any of such applications for such Governmental Approvals should be finally rejected; (ii) any Governmental Approval issued to Licensee is canceled, expires, lapses, or is otherwise withdrawn or terminated by governmental authority; (iii) Licensee determines that such Governmental Approvals may not be obtained in a timely manner; (iv) Licensee determines that it will be unable to obtain in a satisfactory manner, or maintain any fiber or power connection; or (v) Licensee determines that the Licensed Area is no longer technically compatible for its use, Licensee shall have the right to terminate this Supplement. Notice of Licensee's exercise of its right to terminate shall be given to Licensee in

writing by certified mail, return receipt requested, and shall be effective upon the mailing of such notice by Licensee, or upon such later date as designated by Licensee. All rentals paid to said termination date shall be retained by Licensor. Upon such termination, this Supplement shall be of no further force or effect except to the extent of the representations, warranties and indemnities made by each party to the other hereunder. Otherwise, Licensee shall have no further obligations for the payment of Rent to Licensor.

#### 8. Miscellaneous. N/A

[Signature page follows]

EXECUTED to be effective as of the date shown above.

LICENSOR:	LICENSEE:
TOWN OF FLORENCE, Arizona	GILA RIVER CELLULAR GENERAL PARTNERSHIP, dba Verizon Wireless
By: Print Name: Its:	By: Cellco Partnership Its: Managing General Partner  By:
ATTEST:	Print Name: Gary Bailey Its: Director – Network Field Engineering
, Clerk APPROVED AS TO FORM:	
Florence Town Attorney	
Exhibits:	
Exhibit 1	

#### Exhibit 1

#### **Licensed Area**

See attached.



TEMPE, ARIZONA 85293 PHONE: 480.752.7238

### **Siino** Design

FOUNTAIN HILLS, "ARIZONA 85268 FAX: 480.836.1004

ENGINEERING CONSULTANT

# Verzon<sup>\*</sup>

### AZ5 ANTHEM-SCHOOL 2 SC CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY FLORENCE, AZ 85132 APN NO. R.O.W.

Two working days before you dig, CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or 1 (800) STAKE-IT (782-5348) (OUTSIDE MARICOPA COUNTY)



**SHEET INDEX** 

SHEET DESCRIPTION

NO.

T-1 | TITLE SHEET

LS-1 | SITE SURVEY

A-3 | ELEVATIONS

GN-1 | GENERAL NOTES

GN-2 | GENERAL NOTES

A-1 OVERALL SITE PLAN

A-2 | ENLARGED SITE PLAN

A-4 | CONSTRUCTION DETAILS

E-4 ONELINE DIAGRAM & PANEL SCHEDULE

E-5 | STREET POLE WIRING DETAILS

E-1 | ELECTRICAL NOTES

E-2 | ELECTRICAL NOTES

G-1 | GROUNDING PLAN

G-2 GROUNDING DETAILS

E-3 | POWER PLAN

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION 4 | 05/21/17 | UPDATED CABINET COMMENTS 11/09/16 CHANGED POLE TYPE CMS

#### AZ5\_ANTHEM-SCHOOL\_2\_SC

08/27/15 RF / RE COMMENTS CMS

SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY FLORENCE, AZ 85132

## **VICINITY MAP** SITE NORTH

#### **DRIVING DIRECTIONS**

FROM VERIZON OFFICE AT 126 W. GEMINI DR., TEMPE: TAKE I-10 EAST TOWARD TUCSON THEN TAKE EXIT 185 FOR ARIZONA 187 TOWARD COOLIDGE/FLORENCE; TAKE A SHARP LEFT ONTO AZ-387 THEN TURN RIGHT ONTO AZ-87S; CONTINUE ONTO AZ-287 THEN TURN LEFT ONTO N. ATTAWAY RD.; TURN LEFT ONTO N. HUNT HWY; TURN RIGHT ONTO MERRILL RANCH PKWY; SITE ON THE LEFT.

#### **GENERAL NOTES**

THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT AS SET FORTH IN THE CONSTRUCTION DRAWINGS, CONTRACT DOCUMENTS AND THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK UNLESS OTHERWISE DIRECTED.

#### SITE LOCATION INFORMATION

AZ5 ANTHEM-SCHOOL 2 SC SITE NAME:

> CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY FLORENCE, AZ 85132

APN NUMBER:

SITE ADDRESS:

APPLICANT:

OWNER CONTACT:

SITE COORDINATES: LATITUDE: 33° 03' 39.8" N (NAD 83)

LONGITUDE: 111° 29' 04.0" W (NAD 83)

ELEVATION: 1,473.4' (AMSL) (NAVD 88)

R.O.W. - NOT ZONED CURRENT ZONING:

VERIZON WIRELESS

126 WEST GEMINI DR. TEMPE, AZ 85283 CONTACT: TERRY SKULA

PHONE: (602) 350-1007

TOWN OF FLORENCE

PROPERTY OWNER: TOWN OF FLORENCE

PUBLIC WORK — TRAFFIC ENGINEERING DEPARTMENT

CODE COMPLIANCE

ANSI/EIA-222-G STRUCTURAL STEEL STANDARDS FOR STEEL

ANTENNA TOWERS AND SUPPORTING STRUCTURES STANDARD

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE

WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL

GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT

425 E. RUGGLES P.O. BOX 2670 FLORENCE, AZ 82135

(520) 868-7626 LIGHT POLE OWNER: TOWN OF FLORENCE (TOF)

APS POLE NUMBER: S564127

WORK NOT CONFORMING TO THESE CODES.

2011 NATIONAL ELECTRICAL CODE (NEC)

CITY AND/OR COUNTY ORDINANCES

LOCAL BUILDING CODE(S)

2012 INTERNATIONAL BUILDING CODE (IBC)

JURISDICTION: TOWN OF FLORENCE

44 CF3 CABINET VOLUME:

#### REAL ESTATE: JAMISON TYLER MOBILE: (480) 777-4336 REAL ESTATE SHAW & ASSOCIATES, PLC CONSULTANT: CONTACT: STEVE MABRY MOBILE: (318) 347-1428 SMABRY@SHAW-ASSOCIATES.COM

RF ENGINEER: SYED NAQVI

PROJECT TEAM

VERIZON WIRELESS

126 WEST GEMINI DRIVE

TEMPE, ARIZONA 85283

CONSTRUCTION MANAGER: TERRY SKULA

CLIENT:

CONSULTANT:

A&E DESIGN SIINO DESIGN 16616 EAST PALISADES BLVD, SUITE 102 MANAGEMENT FOUNTAIN HILLS, ARIZONA 85268 PROFESSIONAL: CONTACT: CHRIS M. SIINO, MBA, MSTL, PMP, MCP

> MOBILE: (602) 672-4311 FAX: (480) 836-1004

CIVIL ENGINEERING PNP ENGINEERING INC CONTACT: YONG-JOONG KANG, PE MOBILE: (949) 351-5020

EE CONSULTANT: EE LLC

CONTACT: LOREN PRIEST MOBILE: (303) 748-1189

#### PROJECT INFORMATION

OCCUPANCY GROUP: U (LIGHT POLE) & S-2 (CABINET) TYPE OF CONSTRUCTION: V-B SIZE OF LEASE AREA: 48 SQ. FT.

#### **ACCESSIBILITY DISCLAIMER**

THE PROPOSED PROJECT IS AN UNOCCUPIED TELECOMMUNICATIONS FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2 9 LISTED AS AN EQUIPMENT SPACE.

#### PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE REMOVAL AND REPLACEMENT OF AN EXISTING APS LIGHT POLE WITH A APS NEW LIGHT POLE WITH LESSEE ANTENNA ARRAYS. IN ADDITION, INSTALLATION OF (1) NEW EQUIPMENT CABINET WITH SCREEN.

THIS PROJECT DOES NOT INCLUDE WATER OR SEWER.

THIS PROJECT INCLUDES PERMANENT TELEPHONE AND ELECTRICAL CONNECTIONS.

DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

T=1

#### **GENERAL NOTES:**

- DRAWINGS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE, THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE PROJECT AS DESCRIBED IN THE DRAWINGS AND OWNER'S PROJECT MANUAL.
- 2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE NEW PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
- 3. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
- 4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 6. ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
- 7. GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED "FOR CONSTRUCTION" AND EACH SUCCESSIVE SHEET BEARS THE ARCHITECT'S SIGNED WET STAMP.
- 8. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
- 9. SEAL ALL PENETRATIONS THROUGH FIRE—RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.
- 10. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
- 11. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 12. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- 13. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- 14. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.
- 15. THE CONTRACTOR SHALL PROVIDE COMPANY WITH. PROPER INSURANCE CERTIFICATES NAMING (COMPANY). AS ADDITIONAL INSURED, AND (COMPANY) PROOF OF LICENSE(S) AND PE & PD INSURANCE.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.
- 17. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. 1-800-332-2344.
- 18. CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO (COMPANY) ALONG WITH REDLINED CONSTRUCTION SET.
- 19. CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO (COMPANY) REPRESENTATIVE UPON COMPLETION.
- 20. FOR COLLOCATION SITES: CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN BID WALK.

- 21. GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
- 22. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY (COMPANY) CONSTRUCTION MANAGER.
- 23. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER AND BUILDING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVE THE WORK GUARANTEED UNDER THE ROOFING CONTRACTOR'S WARRANTY FOR MOISTURE PENETRATION OR AND OTHER FUTURE BREACH OF ROOFING INTEGRITY.
- 24. CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK, AND PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE JOB SITE.
- 25. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
- 26. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION TO SATISFACTION OF VERIZON WIRELESS REPRESENTATIVE.
- 27. CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS DURING CONSTRUCTION. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST, SMUDGES OF ANY NATURE AND IN WORKING ORDER UNTIL ACCEPTANCE BY VERIZON WIRELESS AND PROPERTY OWNER.
- 28. IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
- 29. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB -RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS-BUILT DRAWING SET" - HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.
- 30. GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLE TRAY TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE PERMITTED FOR USE ON VERIZON WIRELESS PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT4S-CP UNDER SERIES-304 (OR EQUAL). PANDUIT PRODUCT DISTRIBUTED BY TRIARC OF TACOMA, WA.
- 31. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING THE FINAL INSPECTION BY VERIZON WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WITH ONE (1) COPY OF ALL RED-LINED DRAWINGS. NOTE ALL OF THE FOLLOWING:

MODIFICATIONS OF ANY SCHEDULE MODIFICATION OF ANY DIAGRAM

SUBSTITUTIONS AND/OR MODEL NUMBERS OF EQUIPMENT

32. VERIFY ALL FINAL EQUIPMENT WITH VERIZON WIRELESS REPRESENTATIVE. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

#### **STANDARD CIVIL NOTES:**

- 1. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE SPECIFICATIONS PROJECT SUMMARY.
- 2. RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- 3. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- 4. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO THE CRUSHED STONE APPLICATION.
- 5. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

- 6. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND SHALL BE CAPPED. PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEERS.
- 7. THE AREAS OF THE CUSTOMER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING, DRIVEWAY OR CRUSHED STONE, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS SPECIFIED IN THE SPECIFICATION LANDSCAPE WORK.

#### **CONCRETE NOTES:**

- 1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI-318.
- 2. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE CURRENT BUILDING CODE. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS.

3. TYPE OF CONSTRUCTION	28 DAY STRENGTHS (f'c)	W/C RATIO	MINIMUM CEMENT CONTENT PER CUBIC YARD
A. SLABS ON GRADE TOPPING SLABS CONCRETE PIERS	2,400 PSI	≤.45	5 1/2 SACKS
B. ALL STRUCTURAL CONCRET EXCEPT WALLS	E 4,000 PSI	≤.45	6 1/2 SACKS
C. CONCRETE WALLS	4,000 PSI	≤.45	6 1/2 SACKS

- 4. CEMENT SHALL BE ASTM C150. PORTLAND CEMENT TYPE II U.N.O.
- 5. THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.
- 6. ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, C618, C989 AND C1017. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE CURRENT BUILDING CODE.
- 7. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=40,000 PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING COMPLYING WITH ASTM A615(S1) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D14 ARE SUBMITTED.
- 8. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH AC1 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0''. LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.
- 9. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- 10. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy=60,000 PSI.
- 11. NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE CONSULTANT.
- 12. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE		3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	(#6 BARS OR LARGER) (#5 BARS OR SMALLER)	2" 1 1/2"
SLABS AND WALLS (INTERIOR FACE)		3/4"

- 13. BARS SHALL BE SUPPORTED ON CHAIRS OR DOBIE BRICKS.
- 14. ANCHOR BOLTS TO CONFORM TO ASTM A307.
- 15. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3,000 PSI MINIMUM).
- 16. ALL EXPANSION ANCHORS TO BE HILTI BRAND. ADHESIVE ANCHORS REQUIRE TESTING TO CONFIRM CAPACITY UNLESS WAIVED BY ENGINEER.

#### **STEEL NOTES:**

- 1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TEMPE, ARIZONA 85293 PHONE: 480.752.7238

126 WEST GEMINI DRIVE

16616 EAST PALISADES BOULEVARD UNIT #102 FOUNTAIN HILLS, ARIZONA 85268 PHONE: 480.836.1701 FAX: 480.836.1004 WWW.SIINODESIGN.COM

**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION 4 05/21/17 UPDATED CABINET COMMENTS 2 | 11/09/16 | CHANGED POLE TYPE | CMS

SITE NAME: AZ5 ANTHEM-SCHOOL 2 SC

1 | 08/27/15 | RF / RE COMMENTS | CMS

SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY

FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**GENERAL NOTES** 

SHEET NUMBER: GN-1

#### **STEEL NOTES:**

- 3.1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 3.2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3.3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

#### TYPE OF MEMBER

- ASTM A36, Fy 36 KSI A. PLATES, SHAPES, ANGLES, AND RODS SPECIAL SHAPES AND PLATES ASTM A572, Fy 50 KSI PIPE COLUMNS ASTM A53, Fv 35 KSI D. STRUCTURAL TUBING ASTM A500, Fy 46 KSI E. ANCHOR BOLTS ASTM A307 F. CONNECTION BOLTS ASTM A325 TWIST-OFF-TYPE
- 3.4. ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-00.
- 3.5. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND AWS STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING E70 XX ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.
- 3.6. COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAGE SHOWN ON THE PLANS. PROVIDE MINIMUM SECTION PROPERTIES INDICATED. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.S. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
- 3.7.BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIA.) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
- 3.8.NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
- 3.9.ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN & CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.
- 3.10. ALL WELDS TO BE 1/4" FILLET UNLESS NOTED OTHERWISE.
- 3.11. TOUCH UP ALL FIELD DRILLING AND WELDING WITH 2 COATS OF GALVACON (ZINC RICH PAINT) OR APPROVED EQUAL.

#### **PAINTING:**

- 1. THE CONTRACTOR SHALL PREPARE SURFACES, FURNISH ALL PAINT, MATERIAL, LABOR AND EQUIPMENT REQUIRED FOR THE PAINTING OF ALL SURFACES AS REQUIRED BY THE DRAWINGS AND SPECIFIED HEREIN.
- 2. PAINTS TO BE APPLIED IN ALL WORKMANLIKE MANNER. UPON COMPLETION, REMOVE ALL MATERIALS AND DEBRIS CAUSED BY THIS CONTRACTOR, ALL HARDWARE, FLOORS, GLASS, FRAMES FIXTURES AND THE LIKE SHALL BE THOROUGHLY CLEANED OF PAINT.
- 3. REGULATORY REQUIREMENTS: ALL MATERIALS MUST COMPLY WITH AIR POLLUTION CONTROL REGULATIONS, SUCH AS L.A. COUNTY APCD RULE 1113 AND BAY AREA PCD REG. 3.
- 4. MATERIAL SHALL BE AS INDICATED ON PAINT SCHEDULE BELOW AND DRAWINGS.
- 5. ALL STEEL COLUMNS AND MISC. METALS SHALL BE PRIMED AND PAINTED.
- 6. FIRE PREVENTION: TAKE EVERY PRECAUTION AT THE END OF THE DAY TO REMOVE OILY RAGS AND COMBUSTIBLE MATERIALS FROM THE SITE OR STORE IN METAL CONTAINER WITH TIGHT COVERS.
- 7. EXTERIOR PAINT SYSTEMS (EPS):
- 7.1. FERROUS METALS; DOORS AND FRAMES: (MDF) 1-2 MILS PER COAT FRAZEE PAINT -COLOR TO MATCH EXISTING BUILDING 1ST COAT: 664 RUST STOP 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.2. ALUMINUM OR GALVANIZED STEEL: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR PER PLAN 1ST COAT: 661 METAL PLAN 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.3. PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO MATCH EXISTING BUILDING 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/GINTERIOR PAINT SYSTEMS (IPS):
- 8. INTERIOR PAINT SYSTEMS (IPS):
- 8.1. GYPSUM DRYWALL (NON-EPOXY): RADIO FACILITY (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G
- 8.2. TELEPHONE BACKBOARD: FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: 367 FRAFLO V/C 2ND COAT: FLAT FIRE PAINT #505 BY FLANECRETE (AS SPECIFIED) 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS OVERCOAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS (TINT TO MATCH WALL)
- 8.3. PLASTER. CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: LATEX PRIMER SEALER - 065 ACRY PRIME 2ND COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G

#### SIGNS:

- 1. INSTALL EMERGENCY INFORMATION PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR MOST VISIBLE PLACE ON OUTSIDE COMPOUND WALL). PLACARD IS TO CONTAIN SITE NAME, SITE NUMBER, COMPANY NAME, ADDRESS INFORMATION, AND A "800" NUMBER TO DIAL IN CASE OF EMERGENCY. PLACARD IS TO CONSIST OF HIGH CONTRAST LETTERING (WHITE BACK GROUND W/ RED LETTERING) BEHIND VANDAL RESISTANT LEXAN COVER.
- 2. INSTALL ADDRESS PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR FACING STREET OF ASSOCIATED ADDRESS). PLACARD IS TO CONTAIN 12" TALL HIGH CONTRAST LETTERING (WHITE BACK GROUND AND RED LETTERS) BEHIND VANDAL RESISTANT LEXAN COVER.

#### **SPECIAL INSPECTIONS:**

- A. SPECIAL INSPECTIONS & SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (FOR SEISMIC DESIGN CATEGORY C) ARE REQUIRED FOR THE FOLLOWING ITEMS ON THIS PROJECT:
- A.1. STRUCTURAL STEEL PER IBC 1704.3 AND 1707.2. APPROVED FABRICATOR CERTIFICATES FROM AISC OR ICC MUST BE PROVIDED TO THE BUILDING OFFICIAL TO WAIVE INSPECTION OF SHOP FABRICATION.
- A.2.REINFORCED CONCRETE AND POST-INSTALLED ANCHORS PER IBC 1704.4 & 1707.7 AND THE ICC-ES REPORT FOR THE PRODUCT(S) USED.

#### **DUTIES & RESPONSIBILITIES OF SPECIAL INSPECTOR:**

- A. SPECIAL INSPECTOR SHALL OBSERVE WORK ASSIGNED TO VERIFY ACCORDANCE WITH APPROVED DESIGN DRAWINGS & SPECIFICATIONS.
- B. CONSTRUCTION MANAGER IN CHARGE OF SPECIAL INSPECTION SHALL PROVIDE INSPECTION REPORTS TO BUILDING OFFICIAL & ENGINEER OF RECORD. DISCREPANCIES SHALL BE BROUGHT TO IMMEDIATE ATTENTION OF CONTRACTOR FOR CORRECTION. IF UNCORRECTED, DISCREPANCIES SHALL BE SUBMITTED TO DESIGN AUTHORITY AND BUILDING OFFICIAL.
- C. UPON COMPLETION OF ASSIGNED WORK, THE ENGINEER SHALL SEAL & SIGN APPROPRIATE FORMS CERTIFYING TO BEST OF KNOWLEDGE THE WORK IS IN CONFORMANCE WITH APPROVED PLANS & SPECIFICATION & APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.
- D. SPECIAL INSPECTIONS ARE TO BE PERFORMED INDEPENDENTLY AND IN ADDITION TO BUILDING OFFICIAL'S SCHEDULED INSPECTIONS.

#### **LEGEND:**

Ģ	NEW ANTENNA		
$\angle_{\diamond} \Delta$	EXISTING ANTENNA		GROUT OR PLASTER
$\otimes$	GROUND ROD		(E) BRICK
<del></del>	GROUND BUS BAR		(E) MASONRY
•	MECHANICAL GRND. CONN.		CONCRETE
	CADWELD		EARTH
$\bigotimes$	GROUND ACCESS WELL	000000000000000000000000000000000000000	
Ε	ELECTRIC BOX		PLYWOOD
T	TELEPHONE BOX		SAND
$\Rightarrow$	LIGHT POLE		WOOD CONT.
0	FND. MONUMENT		WOOD BLOCKING
<b>♦</b>	SPOT ELEVATION		STEEL
	FIRE HYDRANT		CENTERLINE
$\triangle$	REVISION		PROPERTY/LEASE LINE
			LEASE LINE
(x)	GRID REFERENCE		GROUND CONDUCTOR
(X-X)	DETAIL REFERENCE	T	TELEPHONE CONDUIT
		E	ELECTRICAL CONDUIT
X	ELEVATION REFERENCE	——— A———	COAXIAL CABLE
	l	——T/E——	OVERHEAD SERVICE CONDUCTORS
X-X	SECTION REFERENCE	X	CHAIN LINK FENCING

#### **DESIGN LOADS:**

FOR POLE ANALYSIS, PLEASE REFER TO POLE STRUCTURAL REPORT BY CEM-TEC CORPORATION.

#### TOWN OF FLORENCE STREET LIGHTING GENERAL NOTES

- 1. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO TOWN OF FLORENCE ORDINANCES AND THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
- 2. THE LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ALL INVOLVED UTILITIES MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE, PER LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SECTION 730-6, FOR CONTACTING ALL UTILITIES FOR EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 3. ALL LIGHTING UNITS SHALL BE INSTALLED WITH THE MAST ARM PERPENDICULAR TO THE LANE OR RAMP ON WHICH THEY ARE LOCATED.
- 4. FOR ELECTRICAL SERVICE, THE CONTRACTOR SHALL COORDINATE WITH ELECTRICAL PROVIDER PER SECTION 107 OF THE SPECIAL PROVISIONS IN THE LATEST ADOT'S TRAFFIC SIGNAL AND ENGINEERING CONSULTANT:
- 5. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS UPON COMPLETION OF THE WORK.
- 6. EXTEND CONDUITS TO NEW PULL BOX LOCATIONS AS SHOWN ON THE PLANS.
- 7. THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS WITH THE LOCAL JURISDICTION ENGINEER. PRIOR TO ANY CONSTRUCTIONS ACTIVITY. 8. TOP OF POLE FOUNDATION SHALL BE THE SAME ELEVATION AS THE TOP OF THE FINISHED
- SIDEWALK RAMP, OR THE ADJACENT FINISHED ROADWAY SURFACE, IN SLOPED AREAS. CONSTRUCT COMPACTED FILL AROUND FOUNDATIONS FOR FULL STRUCTURAL SUPPORT AT
- REMOVE AND SALVAGE EXISTING POLES, MAST ARMS, LUMINAIRES, MOUNTING ASSEMBLIES. THE SALVAGED EQUIPMENT SHALL BE DELIVERED TO THE OWNER.
- 10. ALL EXISTING PULL BOXES AND FOUNDATIONS (NOT BEING USED) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS PER SECTIONS 202-3.04 AND SECTIONS 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND AS DIRECTED BY THE JURISDICTION ENGINEER.
- 11. REMOVE AND DISPOSE OF THE EXISTING CONDUITS AND CONDUCTORS NOT BEING USED, PER SECTION 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE JURISDICTION ENGINEER.

CLIENT:



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DESIGN MANAGEMENT PROFESSIONAL

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DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO CHECKED BY: CMS

SCHEDULE OF REVISIONS DESCRIPTION 4 | 05/21/17 | UPDATED CABINET COMMENTS 2 | 11/09/16 | CHANGED POLE TYPE | CMS 

#### AZ5\_ANTHEM-SCHOOL\_2\_SC

SITE NAME:

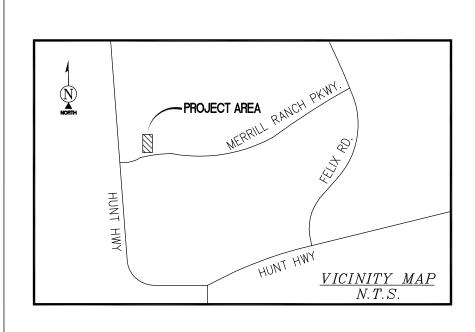
SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**GENERAL NOTES** 

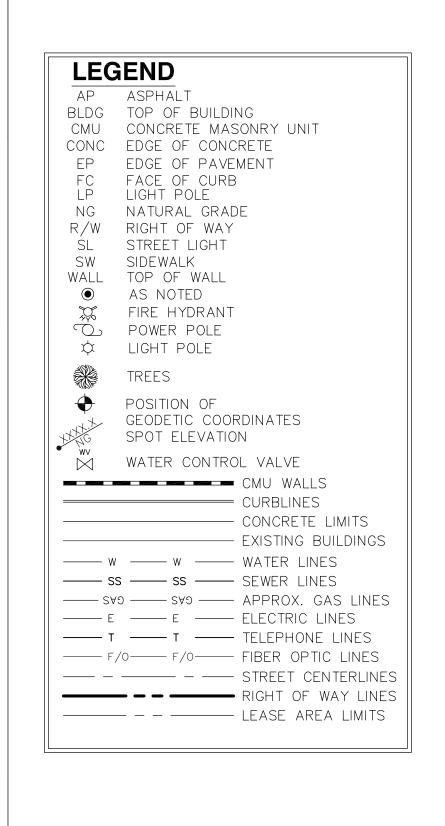
GN-2

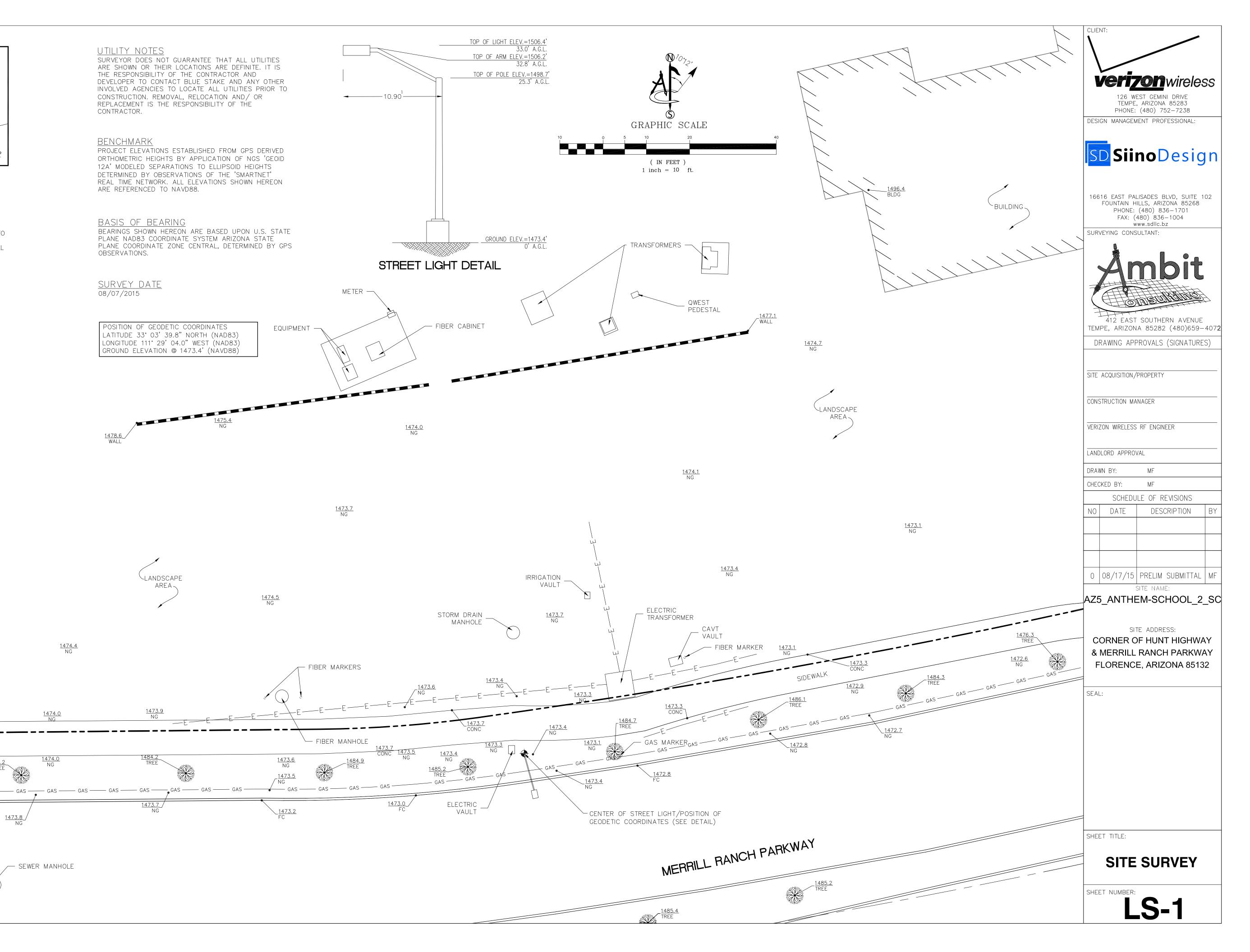


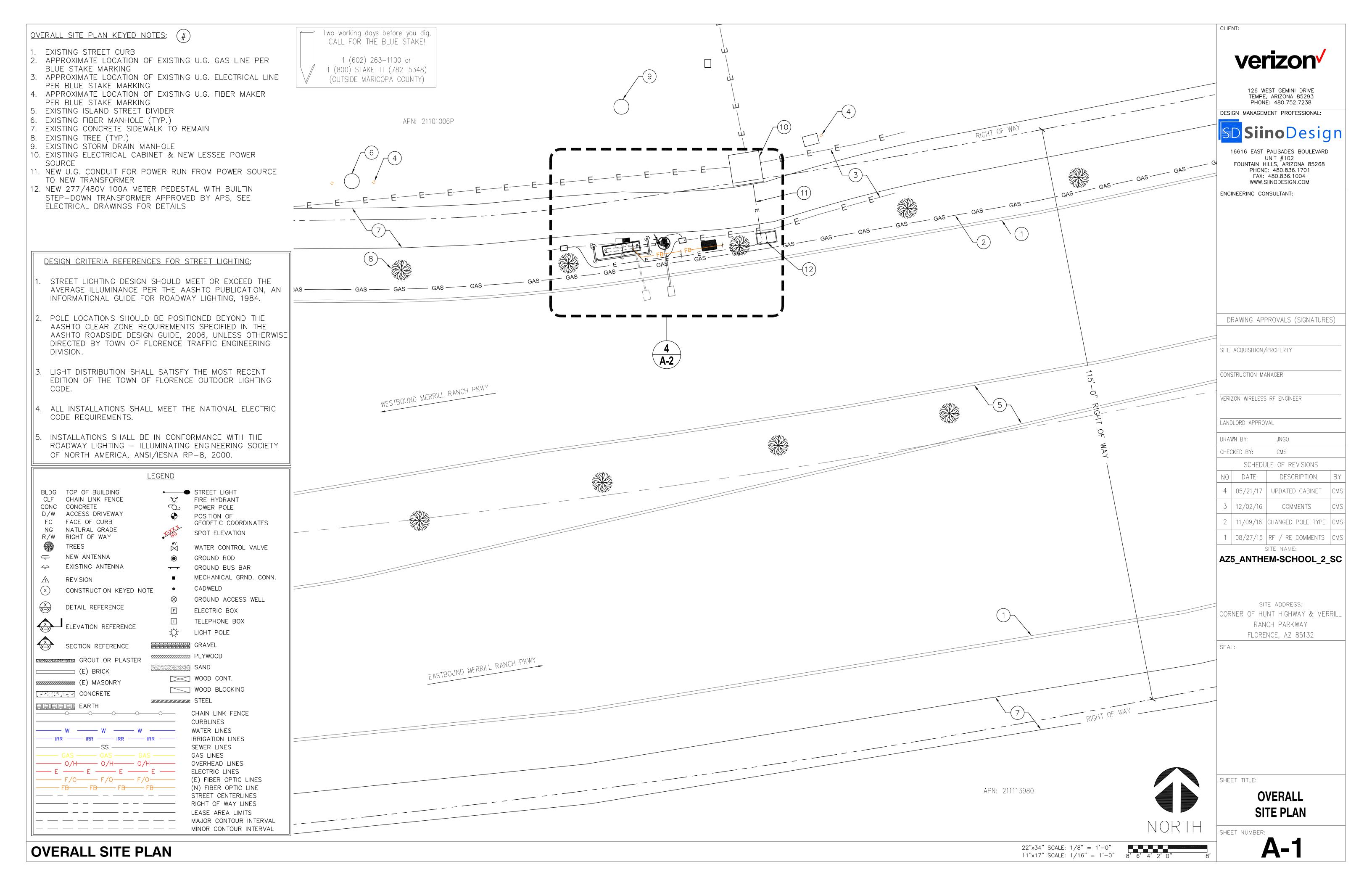
DIRECTIONS TO SITE

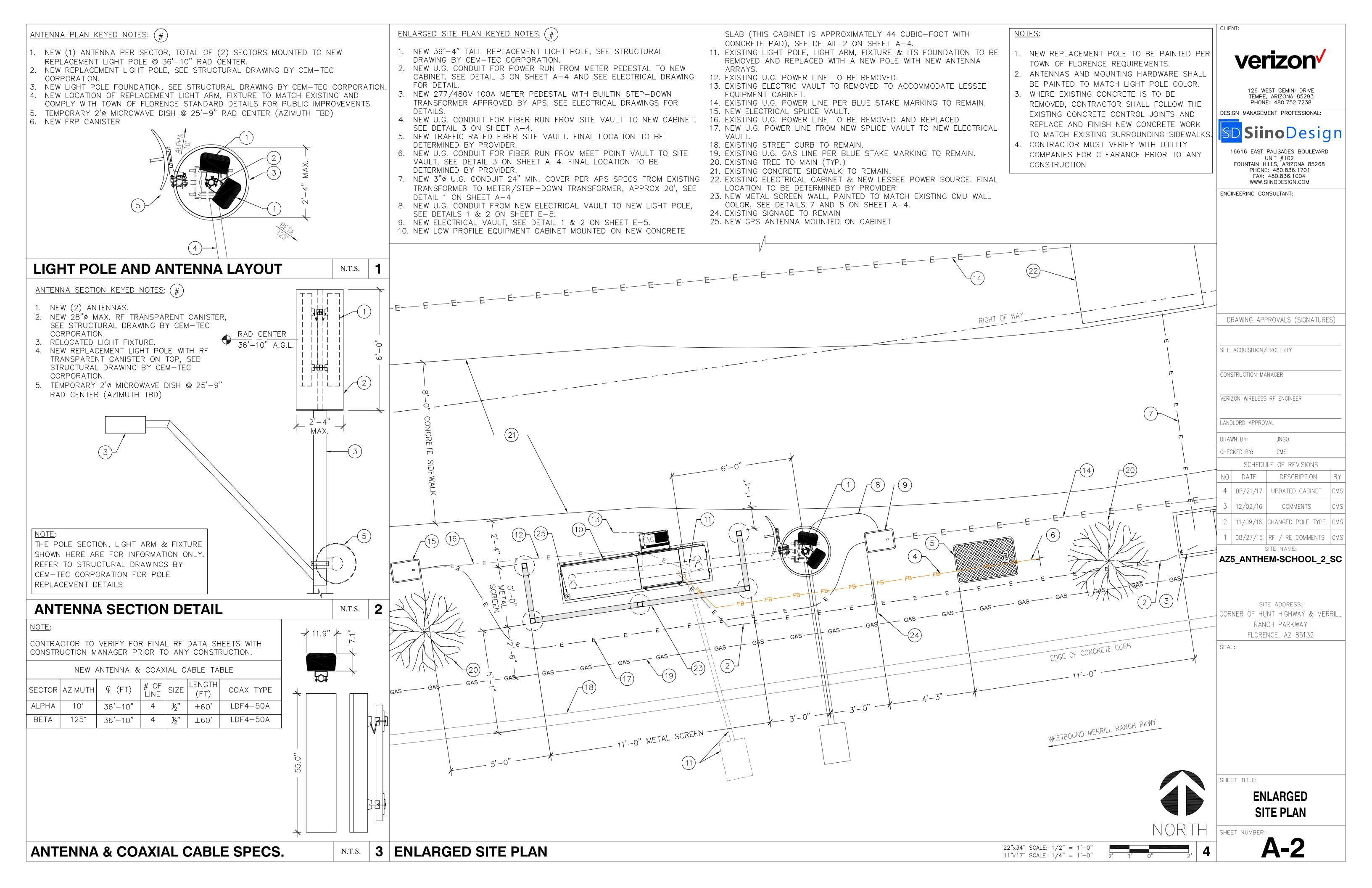
FROM THE VERIZON WIRELESS OFFICES IN TEMPE,
ARIZONA:
FOLLOW SURFACE STREETS TO MERGE ONTO I-10 E.;
TAKE EXIT 185 FOR ARIZONA 187 TOWARD
COOLIDGE/FLORENCE; TAKE A SHARP LEFT ONTO
AZ-387; TURN RIGHT ONTO AZ-87S; CONTINUE ONTO
AZ-287; TURN LEFT ONTO N. ATTAWAY RD.; TURN
LEFT ONTO N. HUNT HWY; TURN RIGHT ONTO MERRILL

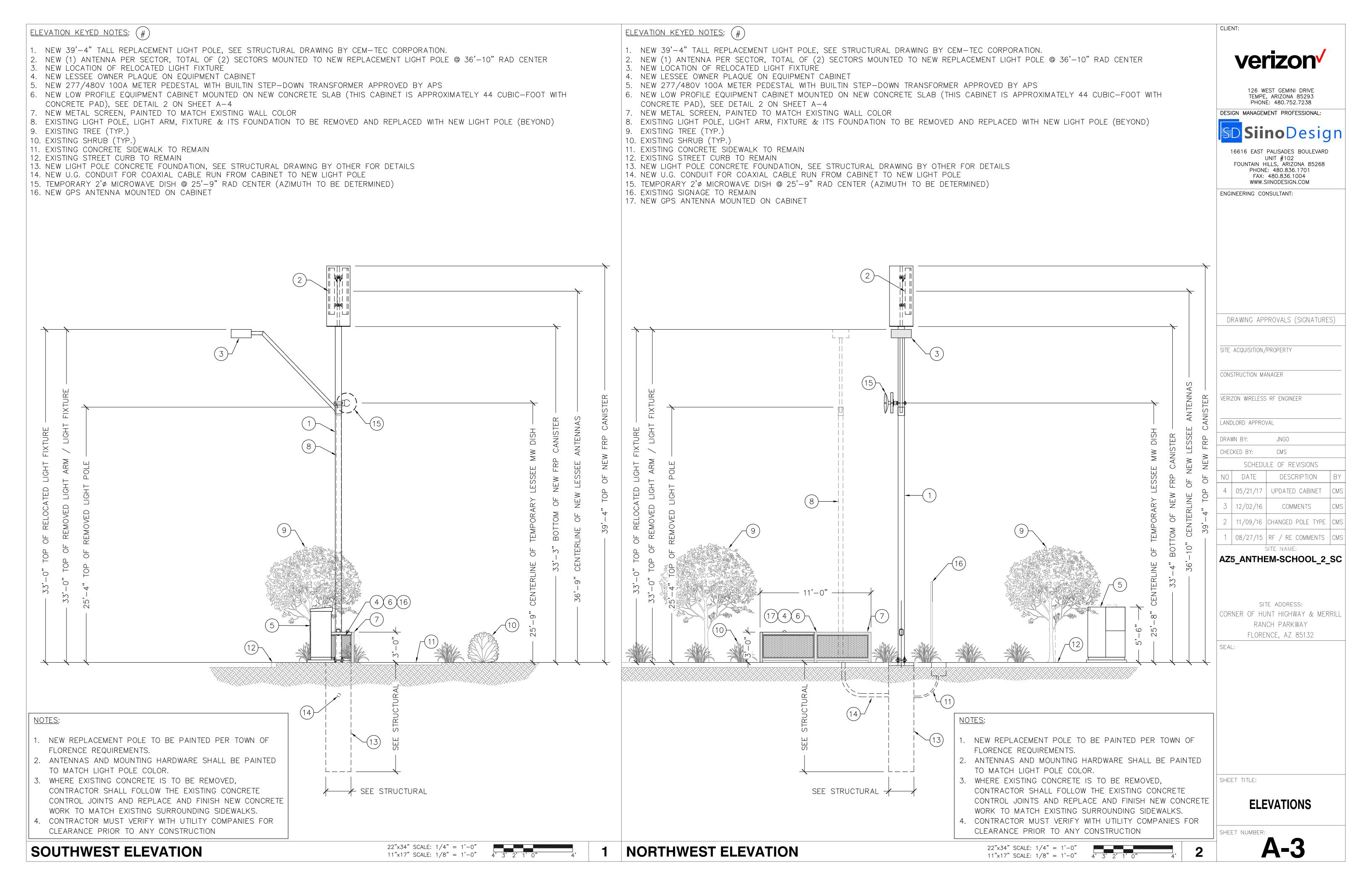
RANCH PKWY & FOLLOW TO THE SITE ON THE LEFT.

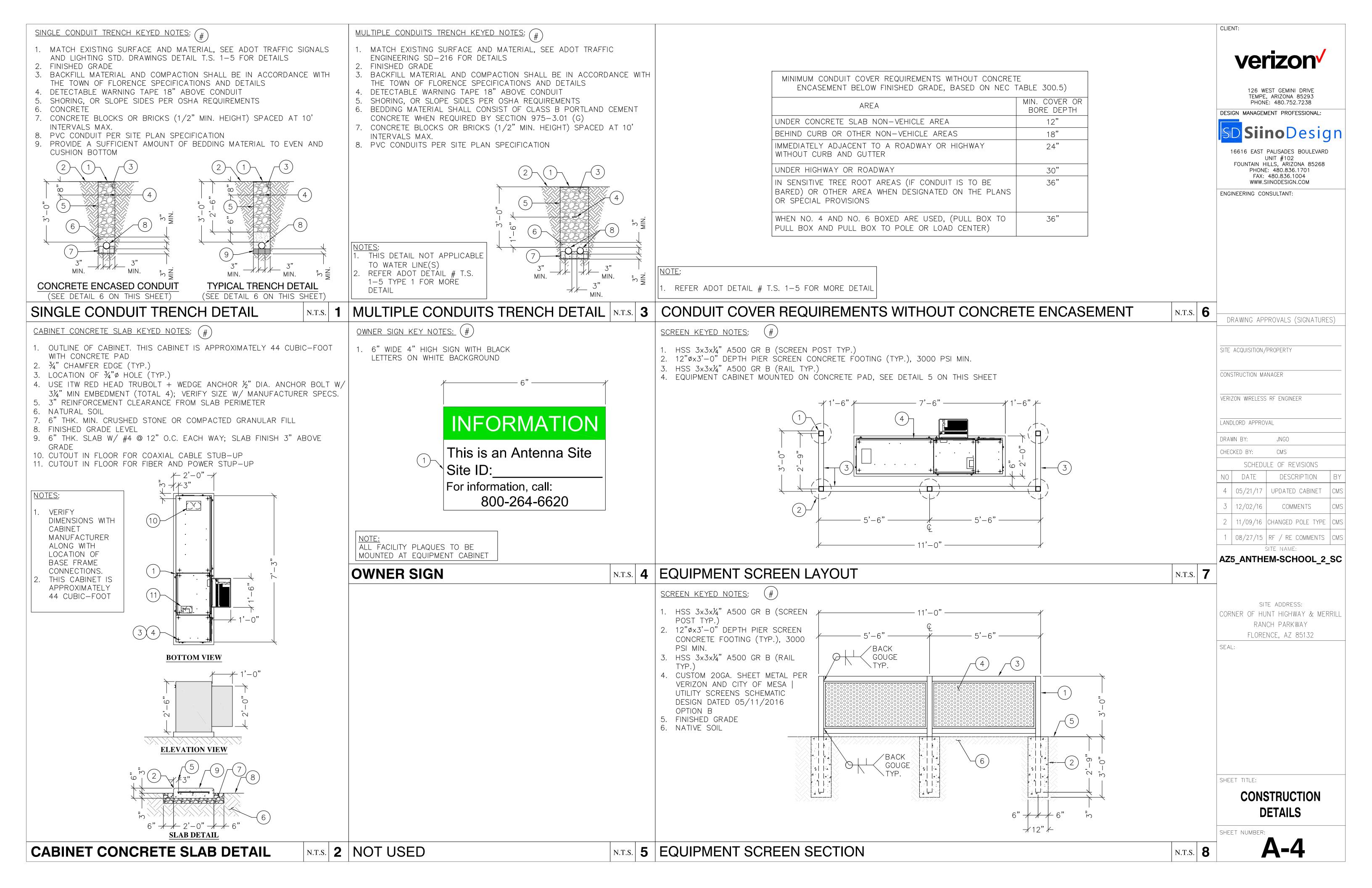












#### FLECTRICAL GENERAL REQUIREMENTS

- A. SCOPE OF WORK: ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE INDICATED. FURNISH ALL LABOR, EQUIPMENT, TECHNICAL SUPERVISION, AND INCIDENTAL SERVICES REQUIRED TO COMPLETE, TEST AND LEAVE READY FOR OPERATION THE ELECTRICAL SYSTEMS AS SPECIFIED AND AS INDICATED ON DRAWINGS.
- B. ORDINANCES AND CODES: PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES AND REGULATIONS, THE RULES AND REGULATIONS OF NFPA, NECA, AND UL. UNLESS OTHERWISE INDICATED.
- C. UNLESS OTHERWISE INDICATED, ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, APPROVALS AND FEES FOR ELECTRICAL WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, RULES AND REGULATIONS.
- D. THE DRAWINGS SHOW THE LOCATION AND GENERAL ARRANGEMENT OF EQUIPMENT, ELECTRICAL SYSTEMS AND RELATED ITEMS. THEY SHALL BE FOLLOWED AS CLOSELY AS ELEMENTS OF THE CONSTRUCTION WILL PERMIT. FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS DEPICTED FROM THE PLANS AND SPECIFICATIONS HEREIN, AS NOTED OR IMPLIED, NOT LIMITED TO WHAT IS SHOWN. ALL APPURTENANCES, BASES, PADS, SUPPORTS NOT INDICATED TO MAKE A WORKING SYSTEM MUST BE INCLUDED IN CONTRACTOR'S BID.
- E. IF THERE APPEARS TO BE ANY ITEMS IN CONFLICT WITH THE DRAWINGS, INCONSISTENCIES WITH DESIGN OR INTENT, OR NEED FOR CLARIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLARIFY THESE ITEMS PRIOR TO BID IN WRITING WITH THE ENGINEER. IF THE CONTRACTOR FAILS TO CLARIFY ANY QUESTIONS OR INCONSISTENCY, HE ACCEPTS RESPONSIBILITY TO CORRECT AT HIS COST ANY SUCH ITEM TO MEET INTENT AS DEFINED BY ENGINEER.
- F. EXAMINE THE DRAWINGS OF OTHER TRADES AND VERIFY THE CONDITIONS GOVERNING THE WORK ON THE JOB SITE. ARRANGE WORK ACCORDINGLY, PROVIDING SUCH FITTINGS, CONDUIT, JUNCTION BOXES AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.
- G. COORDINATE ARRANGEMENT, MOUNTING AND SUPPORT OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.
- H. VISIT THE SITE, EXAMINE AND VERIFY THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED BEFORE SUBMITTING PROPOSAL THE SUBMITTING OF A PROPOSAL IMPLIES THAT THE CONTRACTOR HAS VISITED THE SITE AND UNDERSTANDS THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED. NO ADDITIONAL CHARGES WILL BE ALLOWED BECAUSE OF FAILURE TO MAKE THIS EXAMINATION OR TO INCLUDE ALL MATERIALS AND LABOR TO COMPLETE THE WORK.
- BIDS SHALL BE BASED UPON MANUFACTURED EQUIPMENT SPECIFIED VOLUNTARY ALTERNATES MAY BE SUBMITTED FOR CONSIDERATION, WITH LISTED ADDITION OR DEDUCTION TO THE BID.
- J. WARRANTY: CONTRACTOR SHALL WARRANTY THAT THE ELECTRICAL INSTALLATION IS FREE FROM DEFECTS AND AGREES TO REPLACE OR REPAIR, TO THE OWNER'S SATISFACTION, ANY PART OF THIS ELECTRICAL INSTALLATION WHICH BECOMES DEFECTIVE WITHIN A PERIOD OF TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION FOLLOWING FINAL ACCEPTANCE, PROVIDED THAT SUCH FAILURE IS DUE TO DEFECTS IN THE EQUIPMENT, MATERIAL, WORKMANSHIP OR FAILURE TO FOLLOW THE CONTRACT DOCUMENTS.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY SERVICES INCLUDING EQUIPMENT AND INSTALLATION REQUIRED TO MAINTAIN OPERATION AS A RESULT OF ANY EQUIPMENT FAILURE OR DEFECT DURING WARRANTY PERIOD.
- L. FILE WITH THE OWNER ANY AND ALL WARRANTIES FROM THE EQUIPMENT MANUFACTURERS INCLUDING THE OPERATING CONDITIONS AND PERFORMANCE CAPACITIES THEY ARE BASED ON.
- M. IN GENERAL, DEMOLITION WORK IS INDICATED ON THE DRAWINGS. HOWEVER, THE CONTRACTOR SHALL VISIT THE JOB SITE TO DETERMINE THE FULL EXTENT AND CHARACTER OF THIS WORK.
- N. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, REMOVED MATERIALS SHALL NOT BE REUSED IN THE WORK. SALVAGED MATERIALS THAT ARE TO BE REUSED SHALL BE STORED SAFE AGAINST DAMAGE AND TURNED OVER TO THE APPROPRIATE TRADE FOR REUSE. SALVAGED MATERIALS OF VALUE THAT ARE NOT TO BE REUSED SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SUCH OWNERSHIP IS WAIVED. ITEMS ON WHICH THE OWNER WAIVES OWNERSHIP SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO SHALL REMOVE AND LEGALLY DISPOSE OF SAME, AWAY FROM THE PREMISES.
- O. CONSULT WITH THE OWNER'S REPRESENTATIVE AS TO THE METHODS OF CARRYING ON THE WORK SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATION ANY MORE THAN ABSOLUTELY NECESSARY. ACCORDINGLY, ALL SERVICE LINES SHALL BE KEPT IN OPERATION AS LONG AS POSSIBLE AND THE SERVICES SHALL ONLY BE INTERRUPTED AT SUCH TIME AS WILL BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.

- P. ALL CUTTING. PATCHING AND REPAIR WORK SHALL BE PERFORMED BY THE CONTRACTOR THROUGH APPROVED, QUALIFIED SUBCONTRACTORS. CONTRACTOR SHALL INCLUDE FULL COST OF SAME IN BID.
- Q. PROVIDE ALL EXCAVATION, TRENCHING, TUNNELING, DEWATERING AND BACKFILLING REQUIRED FOR THE ELECTRICAL WORK. COORDINATE THE WORK WITH OTHER EXCAVATING AND BACKFILLING IN THE SAME
- R. INSPECT THE INSTALLATION OF ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATION AND APPLICABLE CODES.
- S. PROVIDE UL APPROVED FIRE-STOPPING SYSTEM FOR ALL PENETRATIONS PASSING THROUGH FIRE RATED ASSEMBLIES.
- T. COMPLY WITH NECA 1.
- U. PROVIDE COMPLETE OPERATION AND MAINTENANCE INSTRUCTIONAL MANUALS COVERING ALL ELECTRICAL EQUIPMENT HEREIN SPECIFIED, TOGETHER WITH PARTS LISTS.
- V. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER, RECORD DRAWINGS ON ELECTRONIC MEDIA OR BOND WHICH HAVE BEEN NEATLY MARKED TO REPRESENT AS-BUILT CONDITIONS FOR ALL NEW ELECTRICAL WORK.
- W. SUBMIT FOR APPROVAL SHOP DRAWINGS FOR ALL ELECTRICAL SYSTEMS OR EQUIPMENT BUT NOT LIMITED TO THE ITEMS LISTED BELOW:
- 1. PANELBOARDS
- 2. DISCONNECT SWITCHES
- 3. WIRING DEVICES
- 4. LIGHTING FIXTURES
- 5. FUSES
- W. PROVIDE AND INSTALL ARC-FLASH HAZARD LABELS ON EACH ELECTRICAL EQUIPMENT AND ENCLOSURES DEFINED BY NFPA 70E. LABELS SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 70E AND CONTAIN AS A MINIMUM:
- 1. VOLTAGE (PHASE—PHASE)
- 2. FLASH PROTECTION BOUNDARY (INCHES)
- 3. INCIDENT ENERGY LEVEL AT THE WORKING DISTANCE (CA/CM2)
- 4. PERSONNEL PROTECTIVE EQUIPMENT (PPE) CLASS AND DESCRIPTION.
- 5. RESTRICTED APPROACH BOUNDARY (INCHES)
- 6. LIMITED SHOCK APPROACH BOUNDARY (INCHES)
- 7. PROHIBITED SHOCK APPROACH BOUNDARY (INCHES)

#### GROUNDING AND BONDING

- A. EQUIPMENT GROUNDING: COMPLY WITH NFPA 70, ARTICLE 250, FOR TYPES, SIZES, AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY NFPA 70 ARE INDICATED.
- B. PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN EACH RACEWAY.
- C. ALL GROUND/BONDING CONDUCTORS SHALL BE MULTI-CONDUCTOR TYPE (UL LABELED ROPE STRAND BUILDING WIRE CLASS "M") BARE OR INSULATED AS NOTED OR REQUIRED.

#### CONDUCTORS AND CABLES

- A. CONDUCTOR MATERIAL: COPPER COMPLYING WITH NEMA WC 70; STRANDED CONDUCTOR, RATED FOR 600V, 98% CONDUCTIVITY.
- B. CONDUCTOR INSULATION TYPES: TYPE THHN-THWN. SO. COMPLYING WITH NEMA WC 70. CONDUCTOR INSTALLATION WILL BE CONTINUOUSLY COLOR COATED UP TO SIZE 500 KCMIL.
- C. CONCEAL CABLES IN FINISHED WALLS, CEILINGS, AND FLOORS. UNLESS OTHERWISE INDICATED.
- D. USE CONDUCTOR NOT SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS. UNLESS INDICATED OTHERWISE, ALL CIRCUITS SHALL BE 2#12, 1#12G, 3/4°C.
- E. USE CONDUCTOR NOT SMALLER THAN 14 AWG FOR CONTROL CIRCUITS, PROVIDED BY ELECTRICAL CONTRACTOR.
- F. SUPPORT COMMUNICATION CABLES FROM STRUCTURE ABOVE, USING SPRING METAL CLIPS OR PLASTIC CABLE TIES TO SUPPORT CABLES FROM STRUCTURE.
- G. USE "STA-KON" CONNECTORS TO TERMINATE STRANDED CONDUCTORS #10 AWG AND SMALLER TO SCREW TERMINALS.
- H. CONDUCTOR AND INSULATION APPLICATIONS:
- 1. FEEDERS: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY. 2. BRANCH CIRCUITS, INCLUDING IN CRAWLSPACES: TYPE THHN-THWN, SINGLE CONDUCTORS IN RACEWAY.
- 3. CORD DROPS AND PORTABLE APPLIANCE CONNECTIONS: TYPE SO, HARD SERVICE CORD
- 4. CLASS I CONTROL CIRCUITS: TYPE THHN -THHWN IN RACEWAY.
- 5. CLASS II CONTROL CIRCUITS: POWER LIMITED CABLE

#### RACEWAYS AND BOXES

- A. SURFACE METAL RACEWAYS: GALVANIZED STEEL WITH SNAP-ON COVERS. FINISH WITH MANUFACTURER'S STANDARD PRIME COATING. WIREMOLD OR EQUAL. SIZE/TYPE AS SHOWN ON DRAWINGS.
- B. MINIMUM RACEWAY SIZE: 3/4-INCH TRADE SIZE.
- C. INSTALL CONDUIT IN ACCORDANCE WITH NECA "NATIONAL ELECTRICAL INSTALLATION STANDARDS".
- D. ROUTE CONDUITS IN FINISHED AREAS WITH EXPOSED CEILINGS AT UNDERSIDE OF STRUCTURAL DECK OR AS HIGH AS POSSIBLE. WHERE STEEL METAL DECK ON STEEL JOIST CONSTRUCTION, ROUTE CONDUITS ABOVE JOISTS. DO NOT SECURE CONDUIT TO BOTTOM OF

#### E. RACEWAY APPLICATIONS:

- 1. OUTDOORS ABOVE GRADE AND WET LOCATIONS: RIGID STEEL OR
- 2. OUTDOORS, BELOW GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS. PROVIDE WITH #16 AWG CU TRACING WIRE WITH 12" SPARE ACCESSIBLE AT EACH END.
- 3. INDOORS. BELOW SLAB ON GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS.
- 4. INDOORS, NOT EXPOSED TO PHYSICAL DAMAGE: EMT
- 5. INDOORS, EXPOSED TO PHYSICAL DAMAGE (EXPOSED, BELOW 10'): RIGID STEEL OR IMC.
- 6. CONNECTIONS TO MOTORS AND TRANSFORMERS: LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)
- E. ALL FITTINGS MUST BE STEEL COMPRESSION TYPE OR STEEL SET SCREW TYPE.
- F. COMPLETED RACEWAY SYSTEMS SHALL BE REAMED AND SWABBED PRIOR TO CONDUCTOR INSTALL.

#### WIRING DEVICES

- A. STRAIGHT-BLADE-TYPE RECEPTACLES: COMPLY WITH NEMA WD 1, NEMA WD 6, DSCC W-C-596G, AND UL 498. CONFIGURATION 5-20R DUPLEX RECEPTACLE. HUBBELL HBL 5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- B. GFCI RECEPTACLES: STRAIGHT BLADE, FEED-THROUGH TYPE, GENERAL DUTY GRADE, WITH INTEGRAL NEMA WD 6, CONFIGURATION 5-20R DUPLEX RECEPTACLE: COMPLYING WITH UL 498 AND UL 943. DESIGN UNITS FOR INSTALLATION IN A 2-3/4-INCH- (70-MM-) DEEP OUTLET BOX WITHOUT AN ADAPTER. HUBBELL GF5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- C. WALL SWITCHES: SINGLE AND DOUBLE-POLE SWITCHES: COMPLY WITH DSCC W-C-896F AND UL 20. HUBBELL WIRING DEVICE, KELLEMS 1220 SERIES OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- D. WALL PLATES: PROVIDE STAINLESS STEEL WALL PLATES IN FINISHED
- E. WIRING DEVICE COLOR AS SELECTED BY ARCHITECT UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70.
- F. CONNECT WIRING DEVICE GROUNDING TERMINAL TO OUTLET BOX WITH BONDING JUMPER. USE OF QUICK GROUND STRAP OR SCREW IS NOT ACCEPTABLE.
- G. RECEPTACLES: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED. USE ADHESIVE LABEL WITH BLACK FILLED LETTERING ON FACE OF WALL PLATE, AND DURABLE WIRE MARKERS OR TAGS INSIDE OUTLET BOXES.
- H. CORD AND PLUG SETS: MATCH VOLTAGE AND CURRENT RATINGS AND NUMBER OF CONDUCTORS TO REQUIREMENTS OF EQUIPMENT BEING CONNECTED.
- 1. CORD: RUBBER-INSULATED, STRANDED-COPPER CONDUCTORS, WITH TYPE SOW-A JACKET; WITH GREEN-INSULATED GROUNDING CONDUCTOR AND EQUIPMENT-RATING AMPACITY PLUS A MINIMUM OF 30 PERCENT.
- 2. PLUG: NYLON BODY AND INTEGRAL CABLE-CLAMPING JAWS. MATCH CORD AND RECEPTACLE TYPE FOR CONNECTION.

#### ENCLOSED SWITCHES AND CIRCUIT BREAKERS

- A. FUSIBLE AND NON-FUSIBLE SWITCHES: NEMA KS 1, QUICK MAKE, QUICK-BREAK LOAD INTERRUPTER ENCLOSED KNIFE SWITCH TYPE HD, WITH CLIPS OR BOLT PADS TO ACCOMMODATE SPECIFIED FUSES (IF REQUIRED). EXTERNALLY OPERABLE LOCKABLE HANDLE WITH CAPABILITY TO ACCEPT TWO PADLOCKS, AND INTERLOCKED WITH COVER IN CLOSED POSITION. SQUARE D OR EQUAL.
- B. TOGGLE DISCONNECT SWITCH: HEAVY DUTY, 30A, 600 VOLT, DOUBLE OR THREE POLE AS REQUIRED, SINGLE THROW, MOTOR RATED SWITCH WITHOUT OVERLOAD PROTECTION. PROVIDE NEMA 1 ENCLOSURE AND PADLOCK ATTACHMENT.
- C. MOLDED-CASE CIRCUIT BREAKER: NEMA AB 1, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS. THERMAL-MAGNETIC CIRCUIT BREAKER WITH INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS AND INSTANTANEOUS

MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER.

- D. MOLDED-CASE SWITCHES: MOLDED-CASE CIRCUIT BREAKER WITH FIXED, HIGH-SET INSTANTANEOUS TRIP ONLY, AND SHORT-CIRCUIT WITHSTAND RATING EQUAL TO EQUIVALENT BREAKER FRAME SIZE INTERRUPTING RATING.
- E. COMPLY WITH APPLICABLE PORTIONS OF NECA 1, NEMA PB 1.1, AND NEMA PB 2.1 FOR INSTALLATION OF ENCLOSED SWITCHES AND CIRCUIT BREAKERS.
- F. SET FIELD-ADJUSTABLE SWITCHES AND CIRCUIT-BREAKER TRIP AND TIME DELAY SETTINGS.
- G. LABEL EACH DISCONNECT WITH ENGRAVED METAL OR LAMINATED-PLASTIC NAMEPLATE MOUNTED WITH CORROSION-RESISTANT SCREWS. INDICATE SOURCE AND LOAD SERVED.

#### ENCLOSED CONTROLLERS

- A. ENCLOSURES: FLUSH-OR SURFACE-MOUNTING CABINETS AS INDICATED. NEMA 250, TYPE 1, UNLESS OTHERWISE INDICATED TO COMPLY WITH ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
- B. SELECT HORSEPOWER RATING OF CONTROLLERS TO SUIT MOTOR CONTROLLED.
- C. FOR CONTROL EQUIPMENT AT WALLS, BOLT UNITS TO WALL OR MOUNT ON LIGHTWEIGHT STRUCTURAL-STEEL CHANNELS BOLTED TO WALL. FOR CONTROLLERS NOT AT WALLS. PROVIDE FREESTANDING RACKS.
- D. INSTALL FREESTANDING EQUIPMENT ON CONCRETE BASES.
- E. ENCLOSED CONTROLLER FUSES: INSTALL FUSES IN EACH FUSIBLE SWITCH.
- F. SELECT AND INSTALL HEATER ELEMENTS IN MOTOR STARTERS TO MATCH INSTALLED MOTOR CHARACTERISTICS.
- G. IDENTIFY ENCLOSED CONTROLLER, COMPONENTS, WITH ENGRAVED METAL OR LAMINATED - PLASTIC NAMEPLATE. IDENTIFY SOURCE AND LOAD SERVED.
- H. SET FIELD-ADJUSTABLE SWITCHES AND CIRCUIT-BREAKER TRIP RANGES.
- I. MANUAL CONTROLLER: NEMA ICS 2, GENERAL PURPOSE, CLASS A, WITH "QUICK-MAKE, QUICK-BREAK" TOGGLE OR PUSHBUTTON ACTION, MARKED TO SHOW WHETHER UNIT IS "OFF," "ON," OR "TRIPPED." AND OVERLOAD RELAY.
- J. MAGNETIC CONTROLLER: NEMA ICS 2, CLASS A, FULL VOLTAGE, NONREVERSING, ACROSS THE LINE, UNLESS OTHERWISE INDICATED.
- 1. CONTROL CIRCUIT: 120 V; OBTAINED FROM INTEGRAL CONTROL POWER TRANSFORMER WITH SUFFICIENT CAPACITY TO OPERATE CONNECTED PILOT, INDICATING AND CONTROL DEVICES, PLUS 100 PERCENT SPARE CAPACITY.
- 2. OVERLOAD RELAY: AMBIENT-COMPENSATED TYPE WITH INVERSE-TIME-CURRENT CHARACTERISTIC AND NEMA ICS 2, CLASS 20 TRIPPING CHARACTERISTIC. PROVIDE WITH HEATERS OR SENSORS IN EACH PHASE MATCHED TO NAMEPLATE FULL-LOAD CURRENT OF SPECIFIC MOTOR TO WHICH THEY CONNECT AND WITH APPROPRIATE ADJUSTMENT FOR DUTY CYCLE.
- K. COMBINATION MAGNETIC CONTROLLER: FACTORY-ASSEMBLED COMBINATION CONTROLLER AND DISCONNECT SWITCH.
- 1. FUSIBLE DISCONNECTING MEANS: NEMA KS 1, HEAVY-DUTY, FUSIBLE SWITCH WITH REJECTION-TYPE FUSE CLIPS RATED FOR FUSES. SELECT AND SIZE FUSES TO PROVIDE TYPE 2 PROTECTION ACCORDING TO IEC 947-4-1. AS CERTIFIED BY AN NRTL. L. ACCESSORIES:
- 1. DEVICES SHALL BE FACTORY INSTALLED IN CONTROLLER ENCLOSURE, UNLESS OTHERWISE INDICATED.
- 2. PUSH-BUTTON STATIONS, PILOT LIGHTS: NEMA ICS 2, HEAVY-DUTY TYPE.

3. INDICATING LIGHTS: RUN (RED), OFF OR READY (GREEN).

- 4. AUXILIARY CONTACTS: PROVIDE TWO NORMALLY OPEN (N.O.) AND TWO NORMALLY CLOSED (N.C.) CONTACTS. 5. SELECTOR SWITCH: NEMA ISC 2, MOUNTED IN FRONT COVER TO
- READ "HAND/OFF/AUTO," PROVIDE AUXILIARY CONTACT FOR AUTO POSITION MONITORING.
- 6. CONTROL RELAYS: AUXILIARY AND ADJUSTABLE TIME-DELAY RELAYS.



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**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO DRAWN BY: CHECKED BY: CMS SCHEDULE OF REVISIONS NO DATE DESCRIPTION 4 05/21/17 UPDATED CABINET COMMENTS 2 | 11/09/16 | CHANGED POLE TYPE | CMS

> SITE NAME: AZ5 ANTHEM-SCHOOL 2 SC

| 08/27/15 RF / RE COMMENTS CMS

SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY

FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**ELECTRICAL NOTES** 

SHEET NUMBER:

**E-1** 

#### PANELBOARDS

- A. COORDINATE LAYOUT AND INSTALLATION OF PANELBOARDS AND COMPONENTS WITH OTHER CONSTRUCTION THAT PENETRATES WALLS OR IS SUPPORTED BY THEM, INCLUDING ELECTRICAL AND OTHER TYPES OF EQUIPMENT, RACEWAYS, PIPING, AND ENCUMBRANCES TO WORKSPACE CLEARANCE REQUIREMENTS.
- B. COMPLIANCE WITH REQUIREMENTS PROVIDE PRODUCTS BY GE, SIEMENS OR ENGINEER APPROVED EQUAL.
- C. PHASE AND GROUND BUSES SHALL BE HARD-DRAWN COPPER, 98 PERCENT CONDUCTIVITY.
- D. SHORT-CIRCUIT RATING: FULLY RATED TO INTERRUPT SYMMETRICAL SHORT-CIRCUIT CURRENT AVAILABLE AT TERMINALS.
- E. ALL LUGS AND CONNECTORS SHALL BE RATED FOR 75°C MINIMUM.
- F. INSTALL PANELBOARDS AND ACCESSORIES ACCORDING TO NEMA PB 1.1.
- G. MOUNT TOP OF TRIM 74 INCHES (1880 MM) ABOVE FINISHED FLOOR, UNIESS OTHERWISE INDICATED.
- H. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS FROM RECESSED PANELBOARD INTO ACCESSIBLE CEILING SPACE OR SPACE DESIGNATED TO BE CEILING SPACE IN THE FUTURE. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS INTO RAISED FLOOR SPACE OR BELOW SLAB NOT ON GRADE.
- CREATE A DIRECTORY TO INDICATE INSTALLED CIRCUIT LOADS AFTER BALANCING PANELBOARD LOADS OR CREATED BY RETROFITTING. OBTAIN APPROVAL BEFORE INSTALLING. USE A COMPUTER OR TYPEWRITER TO CREATE DIRECTORY; HANDWRITTEN DIRECTORIES ARE NOT ACCEPTABLE. COORDINATE FINAL DIRECTORY ROOM NAMES AND NUMBERS WITH (OWNER) (FACILITY ENGINEER)
- J. PANELBOARD NAMEPLATES: LABEL EACH PANELBOARD WITH ENGRAVED METAL OR LAMINATED-PLASTIC NAMEPLATE MOUNTED WITH CORROSION-RESISTANT SCREWS. IDENTIFY SOURCE FED FROM.
- K. LOAD BALANCING: AFTER SUBSTANTIAL COMPLETION, BUT NOT MORE THAN 60 DAYS AFTER FINAL ACCEPTANCE, MEASURE LOAD BALANCING AND MAKE CIRCUIT CHANGES.
- . ON COMPLETION OF INSTALLATION, INSPECT INTERIOR AND EXTERIOR OF PANELBOARDS. REMOVE PAINT SPLATTERS AND OTHER SPOTS. VACUUM DIRT AND DEBRIS; DO NOT USE COMPRESSED AIR TO ASSIST IN CLEANING. REPAIR EXPOSED SURFACES TO MATCH ORIGINAL FINISH.
- M. LIGHTING AND APPLIANCE BRANCH-CIRCUIT PANELBOARDS 1. BRANCH OVERCURRENT PROTECTIVE DEVICES: BOLT-ON CIRCUIT BREAKERS, REPLACEABLE WITHOUT DISTURBING ADJACENT UNITS.
- N. MOLDED-CASE CIRCUIT BREAKERS: UL 489, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.
- 1. THERMAL-MAGNETIC CIRCUIT BREAKERS: INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS, AND INSTANTANEOUS MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER WITH RESTRICTED ACCESS COVER.
- O. MOLDED-CASE CIRCUIT-BREAKER FEATURES AND ACCESSORIES: 1. LUGS: MECHANICAL STYLE, SUITABLE FOR NUMBER, SIZE, TRIP RATINGS, AND CONDUCTOR MATERIALS.
- 2. APPLICATION LISTING: APPROPRIATE FOR APPLICATION; TYPE SWD FOR SWITCHING FLUORESCENT LIGHTING LOADS: TYPE HACR FOR HEATING, AIR-CONDITIONING, AND REFRIGERATING EQUIPMENT.
- 3. GROUND-FAULT PROTECTION: INTEGRALLY MOUNTED RELAY AND TRIP UNIT WITH ADJUSTABLE PICKUP AND TIME-DELAY SETTINGS. PUSH-TO-TEST FEATURE, AND GROUND-FAULT INDICATOR.
- 4. SHUNT TRIP: 120-V TRIP COIL ENERGIZED FROM SEPARATE CIRCUIT, SET TO TRIP AT 75 PERCENT OF RATED VOLTAGE.
- 5. DO NOT USE TANDEM CIRCUIT BREAKERS. 6. PROVIDE LOCK ON DEVICES FOR CIRCUIT BREAKERS WHEN CALLED
- OUT ON PANEL SCHEDULES WITH "LOD" DESIGNATION. 7. PROVIDE GROUND FAULT INTERRUPT 5MA CIRCUIT BREAKER WHEN CALLED OUT ON PANEL SCHEDULES WITH "GFI" DESIGNATION.
- 8. PROVIDE SHUNT TRIP BREAKERS WHEN CALLED OUT ON PANEL SCHEDULES WITH "STB" DESIGNATION.
- P. ENCLOSURES: MOUNTING AS NOTED ON PANEL SCHEDULES. NEMA PB 1, RATED FOR ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
  - a. INDOOR DRY LOCATIONS: NEMA 250, TYPE 1.
- b. OUTDOOR LOCATIONS: NEMA 250, TYPE 3R. c. OTHER WET OR DAMP INDOOR LOCATIONS: NEMA 250, TYPE 4.
- 1. CABINET FRONT: FLUSH OR SURFACE CABINET AS NOTED ON THE DRAWINGS, WITH FRONT WITH CONCEALED TRIM CLAMPS, PIANO TYPE HINGED DEAD FRONT COVER, HINGED DOOR, AND FLUSH LOCK ALL KEYED ALIKE.
- 2. DIRECTORY CARD: WITH TRANSPARENT PROTECTIVE COVER, MOUNTED IN METAL FRAME, INSIDE PANELBOARD DOOR.

A. TRANSIENT VOLTAGE SURGE SUPPRESSION MUST MEET UL 1449 CLASS CM 80,000A PER PHASE, PARALLEL CONNECTION, INTERNAL

DISCONNECT AND FUSING, WIRED WITH (WELDING OR BRAIDED) MULTI-CONDUCTOR WIRING, NO FERROUS CONDUIT, MAX LEAD LENGTHS 10'-0" AND SEPARATE GROUND, AS WELL AS GROUND TO NEUTRAL FOR EQUIPMENT (PANELS, ETC) LIEBERT, UNITED POWER, LEA DYNATEC OR ENGINEER APPROVED EQUAL. PROVIDE WITH THREE MODES OF PROTECTION: PHASE TO PHASE, PHASE TO GROUND, NEUTRAL TO GROUND.

#### <u>FUSES</u>

- A. OBTAIN FUSES FROM A SINGLE MANUFACTURER
- B. COORDINATE FUSE RATINGS WITH UTILIZATION EQUIPMENT NAMEPLATE LIMITATIONS OF MAXIMUM FUSE SIZE.
- C. EXAMINE UTILIZATION EQUIPMENT NAMEPLATES AND INSTALLATION INSTRUCTIONS. INSTALL FUSES OF SIZES AND WITH CHARACTERISTICS APPROPRIATE FOR EACH PIECE OF EQUIPMENT.
- D. INSTALL LABELS INDICATING FUSE REPLACEMENT INFORMATION ON INSIDE DOOR OF EACH FUSED SWITCH.
- E. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY COOPER BUSSMAN, INC. OR EQUAL.
- F. CARTRIDGE FUSES: NEMA FU 1. NONRENEWABLE CARTRIDGE FUSE: CLASS AND CURRENT RATING INDICATED; VOLTAGE RATING CONSISTENT WITH CIRCUIT VOLTAGE.
- 1. SERVICE ENTRANCE: CLASS L, TIME DELAY.
- 2. FEEDERS: CLASS RK5 TIME DELAY.
- 3. MOTOR BRANCH CIRCUITS: CLASS RK1, TIME DELAY. 4. OTHER BRANCH CIRCUITS: CLASS RK1, TIME DELAY.
- G. COMPLY WITH: 1. NEMA FU 1 - LOW VOLTAGE CARTRIDGE FUSES.
- 2. NFPA 70 NATIONAL ELECTRICAL CODE
- 3. UL 198C HIGH—INTERRUPTING—CAPACITY FUSES, CURRENT-LIMITING TYPES.
- 4. UL 198E CLASS R FUSES.
- 5. UL 512 FUSEHOLDERS

#### <u>IGHTING</u>

- A. PROVIDE LIGHTING FIXTURES AS INDICATED ON DRAWINGS.
- B. INSTALL BALLASTS, AND SPECIFIED ACCESSORIES AT FACTORY. INSTALL LAMPS ON PROJECT SITE AFTER FIXTURE INSTALLATION.
- C. FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS. INSTALL LAMPS IN EACH FIXTURE.
- D. SUPPORT LUMINAIRES INDEPENDENT OF CEILING FRAMING. SUPPORT RECESSED GRID LUMINARIES FROM TWO OPPOSITE CORNERS DIRECTLY TO STRUCTURE. WIRE OR ROD SHALL HAVE BREAKING STRENGTH OF THE WEIGHT OF FIXTURE AT A SAFETY FACTOR OF 3.
- E. INSTALL SURFACE MOUNTED LUMINAIRES AND EXIT SIGNS PLUMB AND ADJUST TO ALIGN WITH BUILDING LINES AND WITH EACH OTHER. SECURE TO PROHIBIT MOVEMENT.
- F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A AND UL 486B.
- G. MAKE WIRING CONNECTIONS TO BRANCH CIRCUIT USING BUILDING WIRE WITH INSULATION SUITABLE FOR TEMPERATURE CONDITIONS WITHIN LUMINAIRE.
- H. BOND PRODUCTS AND METAL ACCESSORIES TO BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR.
- I. CONNECT LUMINAIRES TO BRANCH CIRCUIT OUTLET BOXES PROVIDED UNDER RACEWAYS AND BOXES SECTION USING 1/2" FLEXIBLE CONDUIT.
- J. CLEAN ELECTRICAL PARTS TO REMOVE CONDUCTIVE AND DELETERIOUS MATERIALS.
- K. REMOVE DIRT AND DEBRIS FROM ENCLOSURES AND LENSES.
- L. CLEAN FINISHES AND TOUCH UP DAMAGE.
- M. PROVIDE PROGRAM RAPID START ELECTRONIC BALLASTS FOR LINEAR LAMPS: COMPLY WITH NEMA C82.11; SOUND RATING A OR BETTER: TOTAL HARMONIC DISTORTION RATING OF LESS THAN 20%; OPERATING FREQUENCY: 25 KHZ OR HIGHER, AND OPERATE WITHOUT VISIBLE FLICKER; LAMP CURRENT CREST FACTOR LESS THAN 1.7: POWER FACTOR SHALL BE 90% MINIMUM; BALLAST FACTOR SHALL BE .875 TO 1.00.
- N. FLUORESCENT LAMPS: COMPLY WITH FEDERAL TOXIC CHARACTERISTIC LEACHING PROCEDURE TEST, AND YIELD LESS THAN 0.2 MG OF MERCURY PER LITER, WHEN TESTED ACCORDING TO NEMA LL 1. PROVIDE FLUORESCENT LAMPS BY OSRAM SYLVANIA. PHILLIPS OR GENERAL ELECTRIC. TYPE AND COLOR TEMPERATURE AS SCHEDULED.

#### ABBREVIATION DESCRIPTION A.F.F. AIC ΑН AUX AWG BKR BPS CB CKT DEMO DIM DISC DP DWG EC EGB ELEC EM / [ EME EMT ΕO EWC

EXIST

ΧP

FLA

FLR

FOH

FU

G/GRD,

GFCI

HOA

HVAC

HP

HV

HΖ

**IPGB** 

JB

ΚV

KVA

KWH

LA

LP

LDP

LPG

LTV

LVLD

MAX

MCB

MCC

MDP

MGB

MIN

MISC.

MLO

MTD

MTG

NIU

NC

NEC

NIC

NL

NO

NTS

OC

MECH

ΚW

HIGH VOLTAGE

JUNCTION BOX

KILOVOLT

KILOWATT

MAXIMUM

MECHANICAL

MISCELLANEOUS

MAIN LUGS ONLY

NORMALLY CLOSED

NOT IN CONTRACT

NORMALLY OPEN

NOT TO SCALE

NON-FUSIBLE

NIGHT LIGHT

ON CENTER

MINIMUM

MOUNTED

MOUNTING

NEUTRAL

ISOLATED GROUND

ISOLATED GROUND ZONE

KILOVOLT - AMPERES

KILOWATT - HOURS

LIGHTING PANEL

LIGHTNING ARRESTOR

LIGHTING DISTRIBUTION PANEL

LOW-VOLTAGE LOAD DISCONNECT

LIQUEFIED PROPANE GAS

LET-THROUGH VOLTAGE

MAIN CIRCUIT BREAKER

MASTER GROUND BUS

MOTOR CONTROL CENTER

MAIN DISTRIBUTION PANEL

NETWORK INTERFACE UNIT

NATIONAL ELECTRICAL CODE

INTERNAL PERIMETER GROUND BUS CONDUCTOR/HALO

HERTZ

<u>.E VIA HUN</u>	<u>DESCRIPTION</u>	l P	POLE
	AMPERES	PB	PUSHBUTTON STATION
	AMPERES FRAME (BREAKER RATING)	PH	PHASE
	ABOVE FINISH FLOOR	PXFMR	POTENTIAL TRANSFORMER
	AMPS INTERRUPTING CAPACITY	PDP	POWER DISTRIBUTION PANEL
	AUDIENCE LEFT	RECEPT.	RECEPTACLE
	AMPERE HOURS	RDP	RECEPTACLE DISTRIBUTION PANEL
	AUDIENCE RIGHT	RP	RECEPTACLE PANEL
	AMPERES TRIP (BREAKER SETTING)	(R)	RELOCATED
	AUTOMATIC TRANSFER SWITCH	RSC	RIGID STEEL CONDUIT
	AUXILIARY	SCHED	SCHEDULE
	AMERICAN WIRE GAUGE	SD	SERVICE DISCONNECT SWITCH
	BREAKER	SES	SERVICE ENTRANCE SECTION
	BOLTED PRESSURE SWITCH	SN	SOLID NEUTRAL
	CONDUIT	SGB	SHELTER GROUND BUS / SUB-STATION GROUND BUS
	CIRCUIT BREAKER	SPD	SURGE PROTECTION DEVICE
	CIRCUIT	SW	SWITCH
	CURRENT TRANSFORMER	SWBD	SWITCHBOARD
	DEMOLITION	SWGR	SWITCHGEAR
	DIMENSION	TP	TAMPER PROOF
	DISCONNECT	TB	TERMINAL BOX
	DISTRIBUTION PANEL	TELECOM	TELECOMMUNICATIONS
	DOWNSTAGE	TTB	TELEPHONE TERMINAL BACKBOARD
	DRAWING	TGB	TOWER GROUND BAR
	ELECTRICAL CONTRACTOR	TYP	TYPICAL
	EXTERIOR GROUND BUS	XFMR / TR	TRANSFORMER
	ELECTRICAL	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EMERG	EMERGENCY	U/G	UNDERGROUND
	ELECTROMAGNETIC ENERGY	UE	UNDERGROUND ELECTRICAL
	ELECTRICAL METALLIC TUBING	UT	UNDERGROUND TELCO
	ELECTRICALLY OPERATED	U.O.N.	UNLESS OTHERWISE NOTED
	ELECTRIC WATER COOLER	US	UPSTAGE
/ (E)	EXISTING	V	VOLTS
	EXPLOSION PROOF	VSWR	VOLTAGE STANDING WAVE RATIO
	FIRE ALARM	l w	WIRE
	FULL LOAD AMPS	WP	WEATHERPROOF - NEMA 3R
	FLOOR		
	FRONT OF HOUSE		
	FUSE		
D/EG	GROUND	ELECTRICAL SY	
	GROUND FAULT CIRCUIT INTERRUPTER	(NOT ALL MA	Y BE USED)
	HAND-OFF-AUTO	$\boxtimes$	TEST WELL/GROUND ROD
	HEATING, VENTILATION AND AIR CONDITIONING EQUIP.		GROUND ROD $-$ 5/8" $\times$ 10' COPPER CLAD
	HORSEPOWER		MECHANICAL CONNECTION

OFCI

NOT ALL MATE	3E USED)	$\overline{}$
Ø	TEST WELL/GROUND ROD	C
<b>Ø</b>	GROUND ROD - 5/8" x 10' COPPER CLAD	
	MECHANICAL CONNECTION	
•	EXOTHERMIC WELD CONNECTION	 
G	GROUNDING WIRE	<u> </u>
<del>*************************************</del>	GROUND BAR	
<del></del>	SURGE SUPPRESSOR GROUND BAR	 
D	FUSED DISCONNECT SWITCH	
M	METER AND MAIN BREAKER	
<b>∑</b> ]≆	MANUAL XFR SWITCH AND GEN. RECPT.	 
TMB	TELCO BOARD	F
— E —	ELECTRICAL POWER	
—— FB——	FIBER LINE	
	SURFACE MOUNTED PANEL BOARD.	
		l

OWNER FURNISHED, CONTRACTOR INSTALLED

#### 1-LINE DIAGRAM

	CIRCUIT BREAKER, FIXED MOUNTED.
<b>⋘</b> ◆>>	CIRCUIT BREAKER, DRAWOUT MOUNTING.
<b>-</b> \sqrt-	FUSIBLE SWITCH. SIZE AS INDICATED ON DRAWINGS.
3 €	DISTRIBUTION TRANSFORMER
_	CURRENT TRANSFORMER
M	METERING DEVICE
•——	PANELBOARD, MAIN LUG ONLY
~	PANELBOARD, MAIN CIRCUT BREAKER
• /	TRANSFER SWITCH — MANUAL OR AUTOMATIC



CLIENT:

126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

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**ENGINEERING CONSULTANT:** 

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION

4 | 05/21/17 | UPDATED CABINET COMMENTS 2 | 11/09/16 | CHANGED POLE TYPE | CMS 1 | 08/27/15 | RF / RE COMMENTS | CMS

AZ5 ANTHEM-SCHOOL 2 SC

SITE NAME:

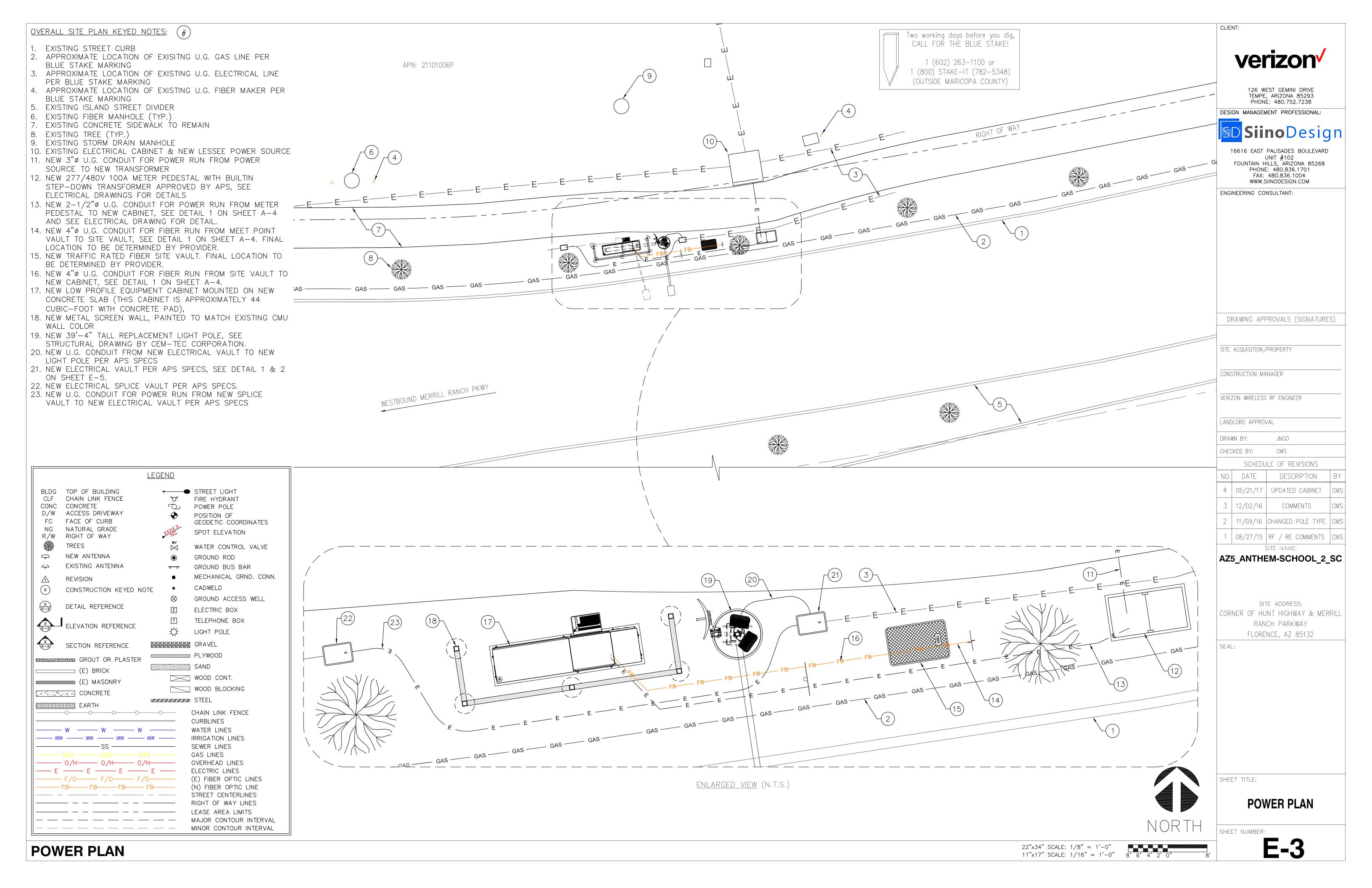
SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

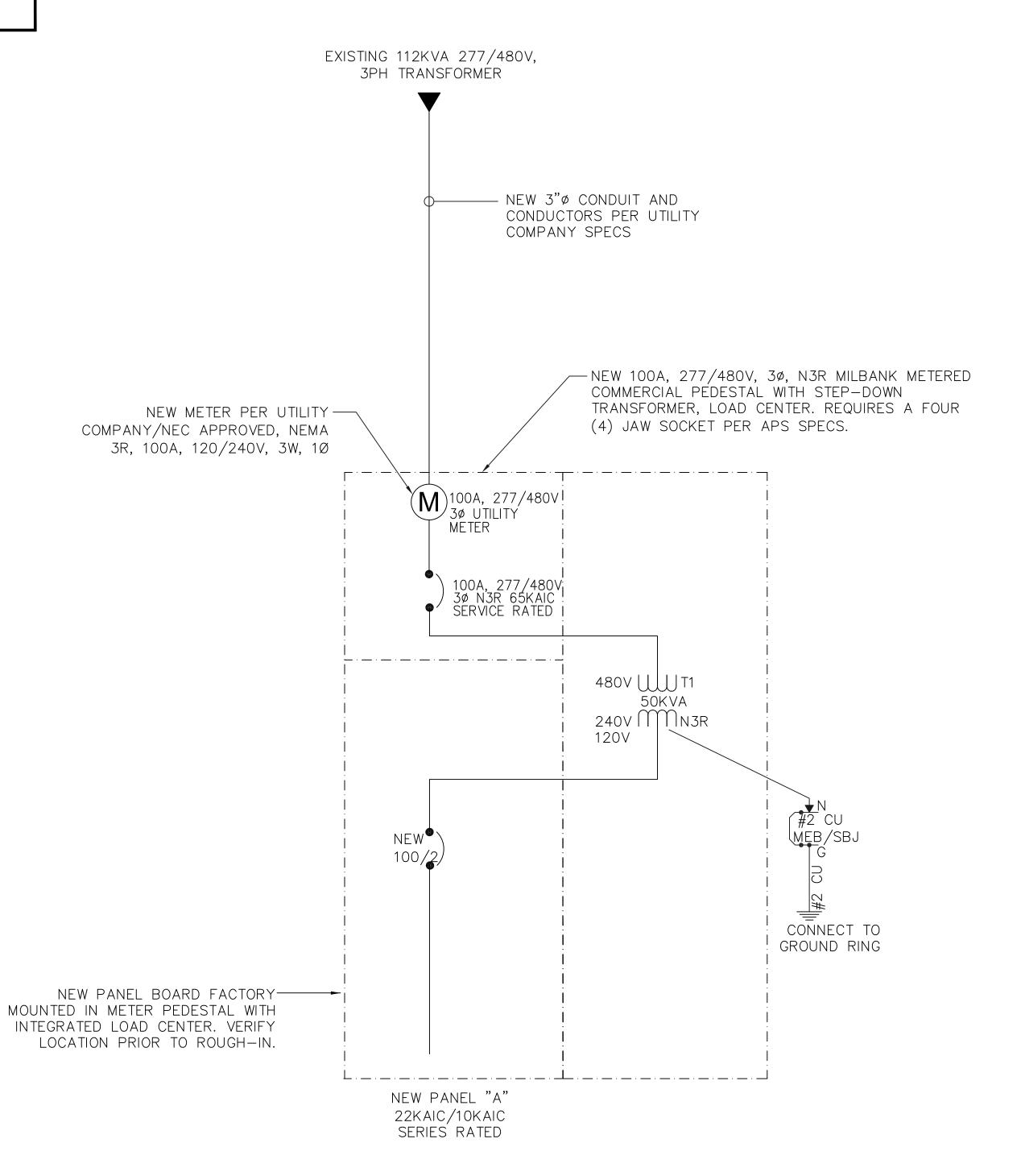
**ELECTRICAL NOTES** 

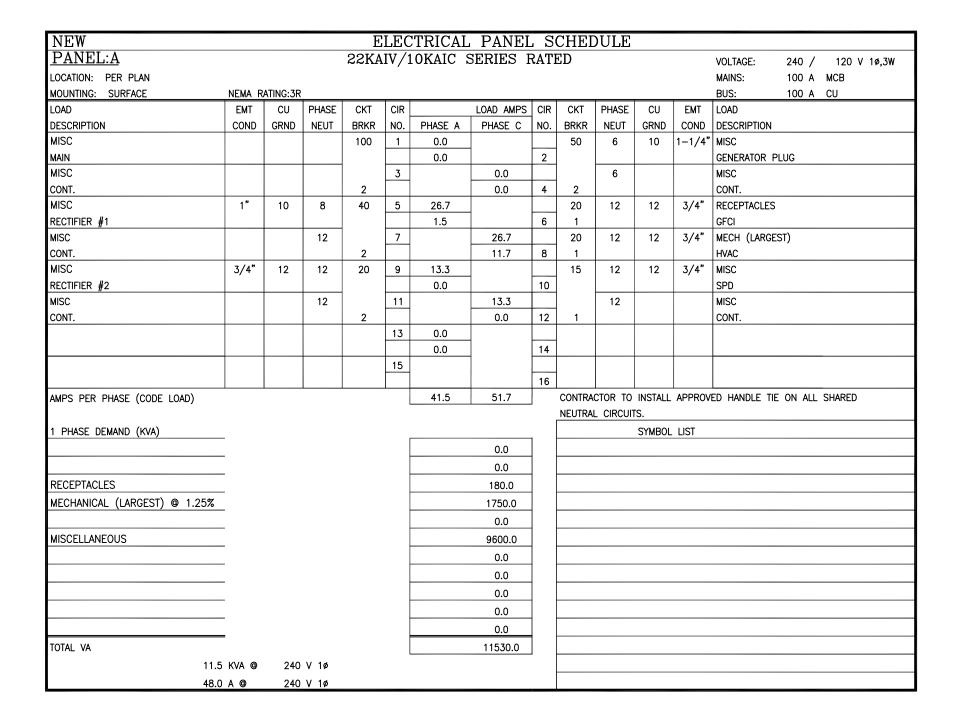
SHEET NUMBER:



#### NOTES:

- 1. PRE-CONSTRUCTION MEETING AND ELECTRICAL EASEMENT REQUIRED.
- 2. #6 COPPER WIRE AND GREATER SHALL BE (COPPER) THWN WIRE OR (COPPER) XHHW.
- 3. PRIOR TO RUNNING CONDUIT ROUTE —
  CONTRACTOR SHALL CONTACT THE VERIZON
  PROJECT MANAGER AND VERIFY THE
  EQUIPMENT CABINET LAYOUT CONFIGURATION
  AND ROUTE CONDUITS ACCORDINGLY.





#### PANEL SCHEDULE

# FAULT CALCULATIONS FAULT AVAILABLE AT THE SERVICE: 22,000 AMPS RMS SYMM PER UTILITY CHART 120/240V, 1PH Panel A DISTANCE CONDUIT TYPE CONDUCTOR FAULT CALCULATIONS 22,000 AMPS RMS SYMM PER UTILITY CHART 120/240V, 1PH Per utility chart 120/240V, 1PH Ponel A DISTANCE CONDUCTOR 5 Feet Nonconductive #1 CU.

CODE LOAD SUMMARY PANEL 'A' @ 240V = 40.0A

Fault Available L—L:

21,761A

Representative: Telephone #:	CLAUDIO RIOS (623) 975-5808
Telephone Comp Representative:	TBD
Telephone #: _	IRD

Two working days before you dig, CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or
1 (800) STAKE-IT (782-5348)
(OUTSIDE MARICOPA COUNTY)

CLIENT:



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VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

COLIEDINE OF DEVICIONS

SCHEDULE OF REVISIONS

NO DATE DESCRIPTION BY

4 05/21/17 UPDATED CABINET CMS

2 11/09/16 CHANGED POLE TYPE CMS

1 08/27/15 RF / RE COMMENTS CMS

AZ5\_ANTHEM-SCHOOL\_2\_SC

SITE ADDRESS:

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RANCH PARKWAY

FLORENCE, AZ 85132

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SHEET TITLE:

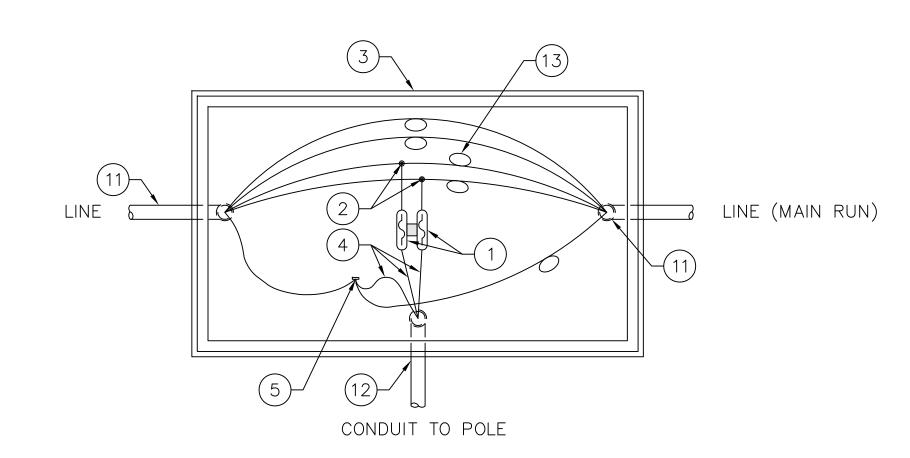
ONELINE DIAGRAM & PANEL SCHEDULE

SHEET NUMBER:

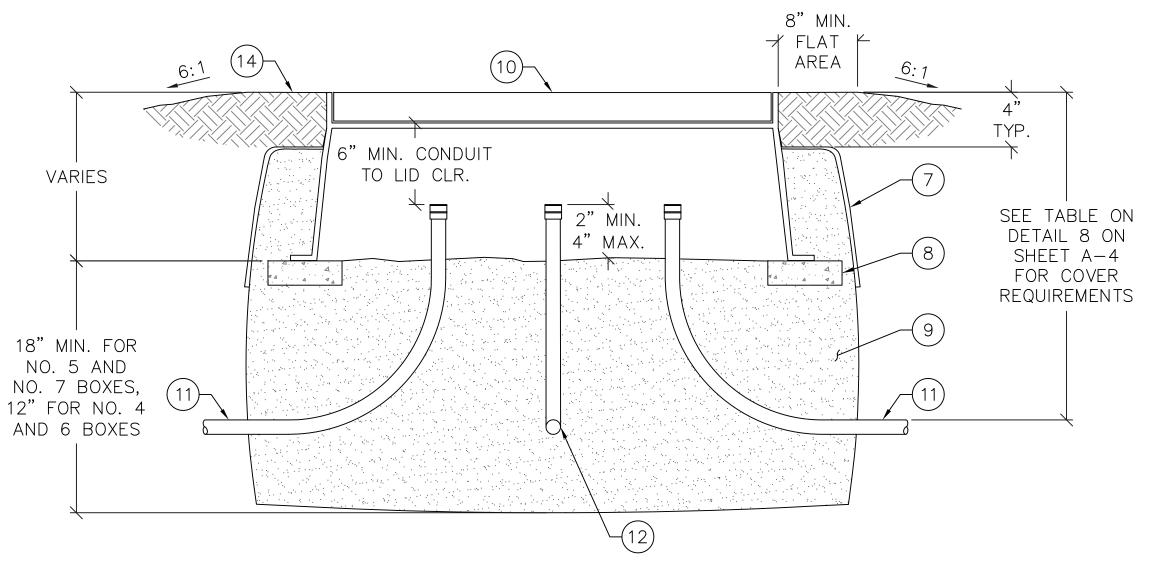
**E-4** 

#### TYPICAL PULL BOX KEYED NOTES: (#)

- 1. DUAL IN-LINE FUSE HOLDER WITH APPROVED FUSE: (STREET LIGHT TYPE), SEE DETAIL 2 FOR DETAILS AND REQUIREMENTS
- 2. APPROVED SPLICE (PER ADOT STD. SPEC "MADE" CONNECTION), OR CONNECTION KIT, OR APPROVED UNDERGROUND WIRE CONNECTOR, SEE NOTE 8.
- 3. LD OR HD PULL BOX (COVER REMOVED FOR CLARITY)
- 4. #12 AWG STRANDED XHHW-2 INSULATED CONDUCTORS (OR LARGER SIZE OF NOTED ON PLANS)
- 5. GREEN XHHW-2 INSULATED EQUIPMENT BOND WITH APPROVED COPPER CRIMP CONNECTOR. STEEL LID INSTALLATION SHALL INCLUDE AN ADDITIONAL BOND WIRE CONNECTED TO THE LID.
- 6. CONDUIT END BELL (TYP.)
- 7. 30LB FELT ROOFING PAPER
- 8. CONCRETE BUILDING BLOCK (8"  $\times$  1-1/2"  $\times$  16")
- 9. CLASSED "A" CONCRETE AGGREGATE DESIGNATED ASHTO SIZE NO. 57, SUMP BOX DRAINAGE, OR EQUIVALENT GRAVEL MATERIAL.
- 10. NON-CONDUCTIVE PULL BOX LID
- 11. MAIN RUN CONDUIT NUMBER AND SIZE VARY BASED ON NEED, STD. SIZES ARE: 2" FOR LIGHTING, 3" FOR SIGNALS
- 12. BOX-TO-POLE CONDUIT, SIZE VARIES BASED ON NEED, STD. SIZES ARE 1" FOR LIGHTING, 2" FOR A POLES AND 3" FOR ALL OTHER SIGNAL POLES.
- 13. SEE NOTE 4 (TYP.)
- 14. FINISHED GRADE TO SLOPE AWAY FROM BOX FOR DRAINAGE PROVIDE COMPACTED BACKFILL AS NECESSARY



#### TYPICAL ROADWAY LIGHTING PULL BOX WIRING

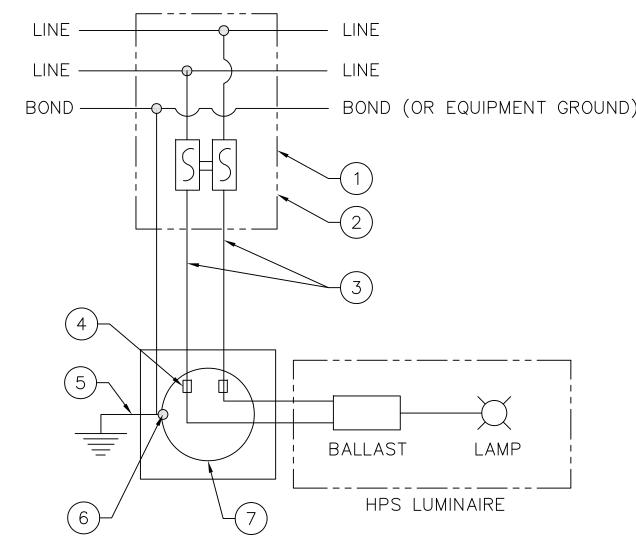


#### TYPICAL IN-GROUND PULL BOX INSTALLATION

- BACKFILL WITH EXCAVATED MATERIAL AND COMPACT IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SUBSECTION 203-5 OF THE ADOT STANDARD SPECIFICATIONS.
- WHERE PULL BOXES ARE INSTALLED IN CONCRETE AREAS, THE BOX AND LID SHALL BE FLUSH WITH SIDEWALK SURFACE. SEE ADOT DETAIL T.S. 1-4 SHEET 3 OF 3 FOR DETAILS.
- PULL BOXES IN NON-PAVED AREAS SHALL BE PROVIDED WITH A CONCRETE COLLAR IF SPECIFIED. SEE ADOT DETAIL T.S. 1-4 SHEET 3 OF 3 FOR DETAILS.
- CONDUCTORS SHALL HAVE A MINIMUM OF 24" AND A MAXIMUM OF 36" TOTAL IN BOX SLACK FROM CONDUIT END BELLS.
- CONDUIT ENDS SHALL HAVE A NOMINAL 6" TO 8" CLEARANCE FROM THE BOTTOM OF THE LID TO ALLOW FOR CONNECTORS AND SLACK WIRE. EXTENSIONS OR DEEPER BOXES SHALL BE USED AS NECESSARY TO MAINTAIN THIS CLEARANCE AND TO PROVIDE NEEDED VOLUME FOR CABLES, CONDUCTORS, AND CONNECTIONS
- CONDUIT END BELLS SHALL BE INSTALLED ON ALL CONDUITS PRIOR TO THE INSTALLATION OF CONDUCTORS AND CABLES.
- INSTALLATION REQUIREMENTS FOR NO. 4 AND NO. 6 BOX WILL VARY.
- THE APPROVED SPLICE SHALL BE THIRD PARTY CERTIFIED (UL486 OR EQUAL) FOR DAMP/WET LOCATIONS AND DIRECT BURIAL.
- SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 1-5 FOR CONDUIT REQUIREMENTS.

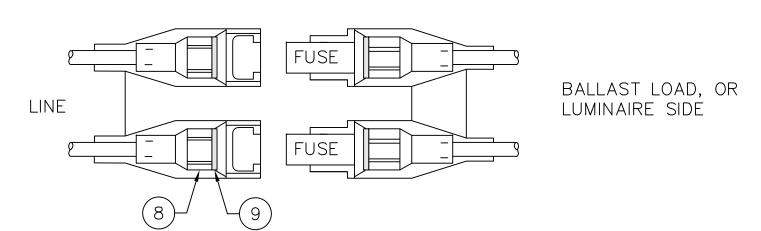
STREET LIGHT POLE WIRING DIAGRAM KEYED NOTES: (#

- 1. PULL OR JUNCTION BOX
- 2. FUSE HOLDER (TYP.)
- 3. LOAD
- 4. ADDITIONAL IN-LINE BREAK-AWAY CONNECTORS IF POLE IS ON A BREAK-AWAY BASE (TYP.)
- 5. GROUND AT POLE FOUNDATION
- 6. POLE OR BASE BONDING LUG
- 7. POLE
- 8. CRIMP—ON CONNECTOR (TYP.)
- 9. SPRING (TYP.)
- 10. THIS SIDE OF THE CONNECTOR SHALL BE CLAMPED SECURE, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5 SERIES FOR MORE DETAILS
- 11. CRIMP CONNECTOR
- 12. THIS SIDE OF THE CONNECTOR SHALL BE LEFT FREE TO PULL OUT, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5 SERIES FOR MORE DETAILS



#### WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE

(240 SIDE OF 120/240 SINGLE PHASE) (480 SIDE OF 240/480 SINGLE PHASE)

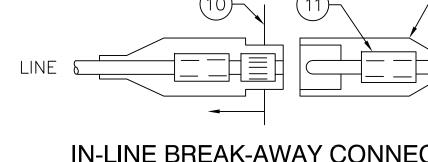


BALLAST LOAD, OR

LUMINAIRE SIDE

#### **DOUBLE-POLE BREAKAWAY**

(IN-LINE FUSE HOLDER WITH FUSE)



#### IN-LINE BREAK-AWAY CONNECTOR

(SEE NOTES, CONFIGURATION MAY VARY FROM WHAT IS SHOWN)

#### NOTES CONTINUED

NOMINAL HPS LUMINAIRE WATTAGE

IN-LINE FUSE SIZES:

CLASS CC OR 5AG MIDGET

- 10. THIS DETAIL APPLIES ONLY TO HIGH-PRESSURE SODIUM (HPS) HORIZONTAL, VERTICAL, AND HIGH-MAST MOUNT LUMINAIRES THAT ARE ON STANDARD OR BREAK-AWAY POLES THAT DO NOT HAVE LOWERING DEVICES, UNLESS SPECIFIED OTHERWISE.
- 11. THE UN-FUSED IN-LINE CONNECTORS SHALL BE USED UNSIDE THE BREAK-WAY TRANSFORMER BASE. SEE T.S. 5 SERIES FOR ADDITIONAL REQUIREMENTS.
- 12. FUSED AND UN-FUSED IN-LINE CONNECTORS SHALL BE APPROVED, NON-LOCKING, MADE OF A FLEXIBLE MATERIAL THAT IS SUITABLE FOR ROADWAY LIGHTING APPLICATIONS PER THE CONDITIONS PRESENT.
- 13. CONNECTOR, FUSE HOLDERS, AND FUSES SHALL BE APPROVED.
- 14. THE IN-LINE FUSE SHALL BE SUITABLE AS A SUPPLEMENTARY OVER CURRENT PROTECTION DEVICE. IT SHALL BE A TIME-DELAY FUSE THAT SHALL HAVE A VOLTAGE RATING OF 600VAC. THE INTERRUPTION CURRENT RATING SHALL BE 100KA RMS SYMMETRICAL MINIMUM.
- 15. EACH INDIVIDUAL LUMINAIRE ON A SINGLE POLE SHOULD BE ON SEPARATE FEEDER CIRCUITS. EACH LUMINAIRE SHALL BE INDIVIDUALLY FUSED.
- 16. ADDITIONAL IN-LINE BREAKAWAY CONNECTIONS SHALL NOT BE PROVIDED ON STANDARD BASE POLES (NON-BREAK-AWAY)
- 17. TRAFFIC SIGNAL POLES WITHIN THE CLEAR ZONE ON BREAK-AWAY BASES SHALL BE FUSED IN SIMILAR FASHION.

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**Siino**Desian

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LANDLORD APPROVAL

JNGO DRAWN BY: CMS CHECKED BY:

SCHEDULE OF REVISIONS DESCRIPTION 4 05/21/17 UPDATED CABINET

COMMENTS 2 | 11/09/16 | CHANGED POLE TYPE | CMS | 08/27/15 | RF / RE COMMENTS | CM

AZ5\_ANTHEM-SCHOOL\_2\_SC

SITE ADDRESS: CORNER OF HUNT HIGHWAY & MERRILL RANCH PARKWAY

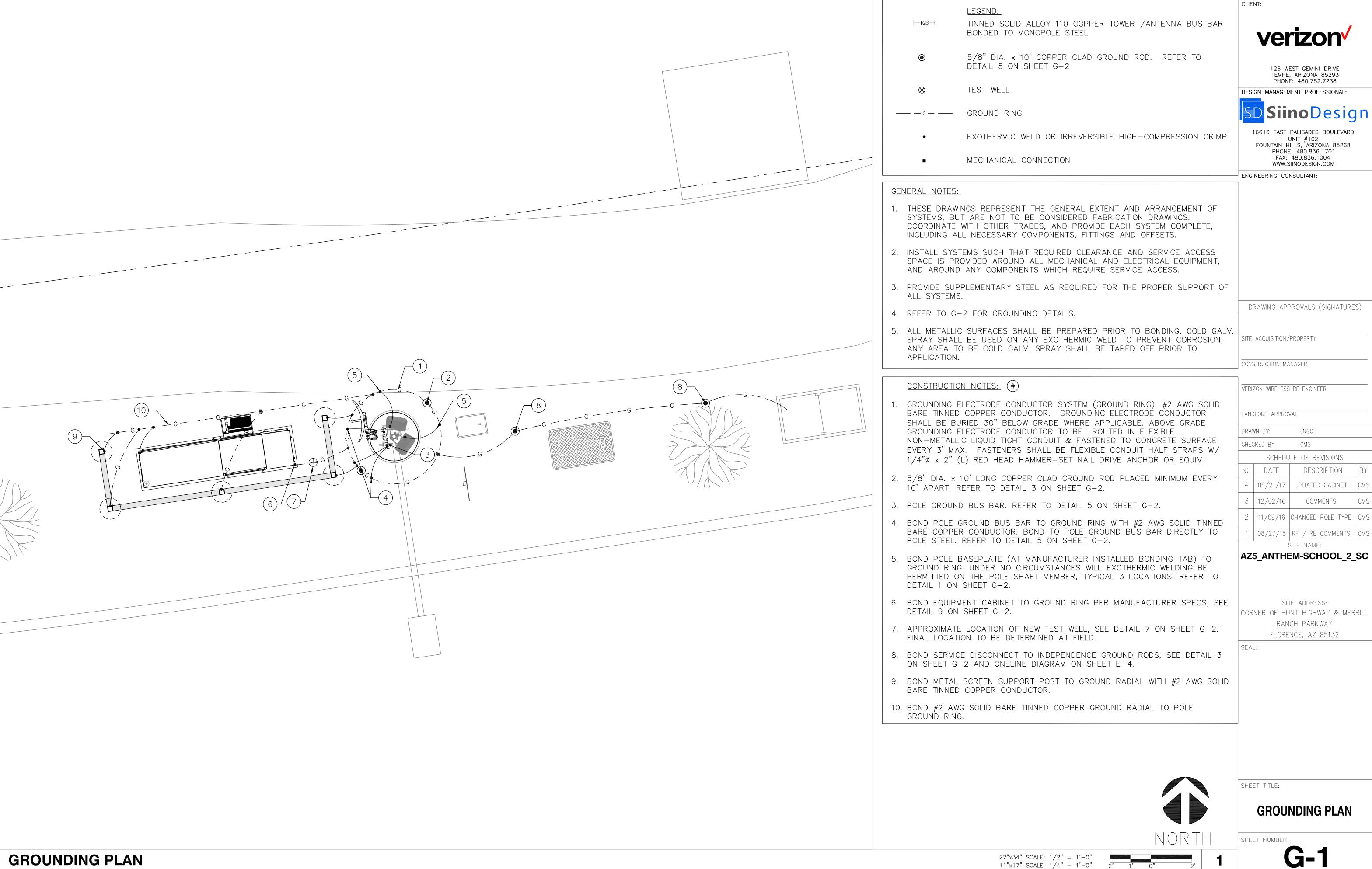
FLORENCE, AZ 85132

SHEET TITLE:

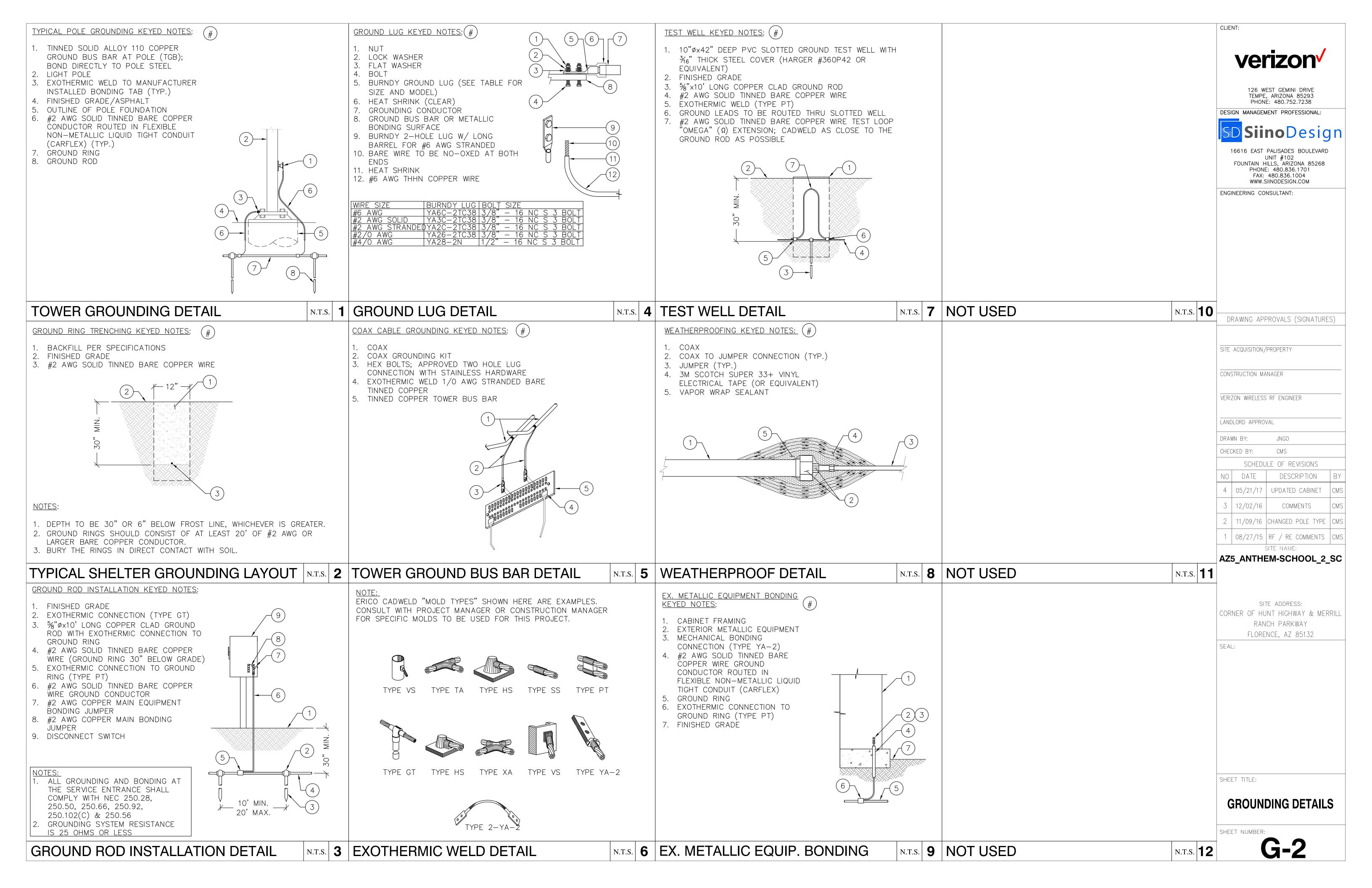
STREET LIGHT POLE **WIRING DETAILS** 

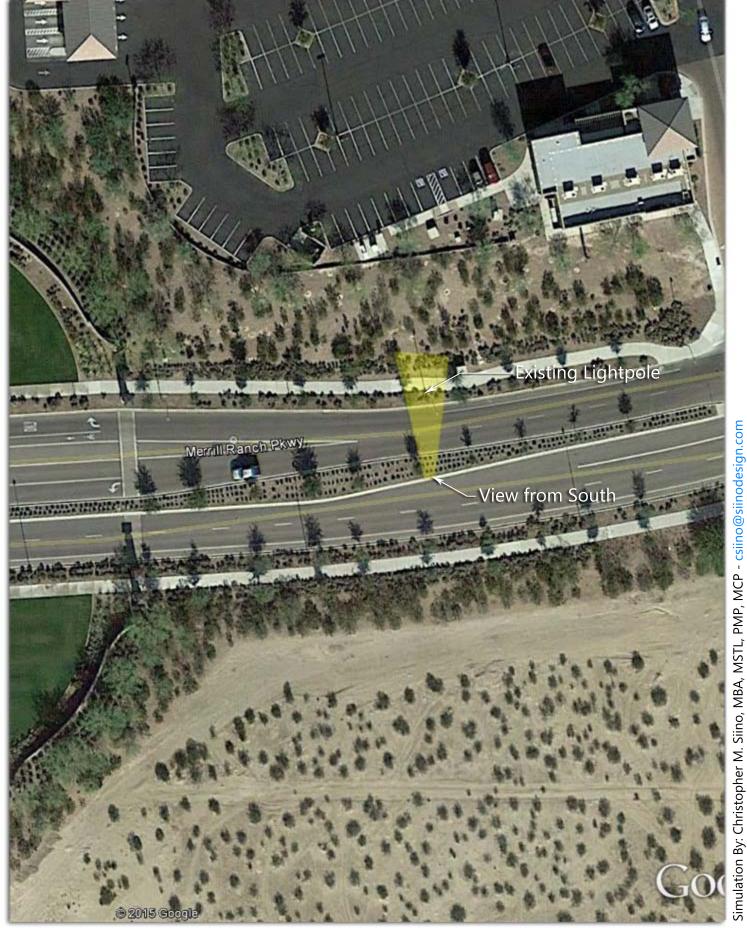
**E-5** 

PULL BOX DETAILS



**G-1** 





AZ5\_ANTHEM-SCHOOL\_2\_SC

veri on wireless





AZ5\_ANTHEM-SCHOOL\_2\_SC

verizonwireless





AZ5\_ANTHEM-SCHOOL\_2\_SC

Corner of Hunt Hwy & Merril Ranch Pkwy, Florence, Arizona 85132

verizonwireless

#### Site Supplement No. 3

This Site Supplement No. 3 ("Supplement"), is made this \_\_day of \_\_\_\_\_\_\_, 2017 ("Supplement Effective Date"), between the TOWN OF FLORENCE, Arizona, hereinafter designated "Licensor" and GILA RIVER CELLULAR GENERAL PARTNERSHIP, d/b/a Verizon Wireless, with its principal offices at c/o Verizon Wireless, 180 Washington Valley Road, Bedminster, New Jersey 07921, hereinafter designated "Licensee":

- 2. <u>Project Description and Locations</u>. Licensee shall have the right to use the Municipal Facility for Equipment at the designated areas in the ROW as further described in Exhibit 1 attached hereto (the "Licensed Area").
- 3. <u>Equipment</u>. The Equipment to be installed at the Licensed Area is described in Exhibit 1 attached hereto.
- 4. <u>Term.</u> The term of this Supplement shall be as set forth in Section 9.7 of the Agreement.
- 5. <u>Fees.</u> The initial Annual Attachment Fee for the term of this Supplement shall be \$3,368, as determined in accordance with the Agreement, as adjusted by Section 10.4.
- 6. <u>Commencement Date</u>. The first day of the month following the forty fifth (45<sup>th</sup>) day following the Supplement Effective Date.
- Approvals/Fiber. It is understood and agreed that Licensee's ability to use the Licensed Area is contingent upon its obtaining all of the certificates, permits and other approvals (collectively the "Governmental Approvals") that may be required by any Federal, State or Local authorities, as well as a satisfactory fiber and electrical connection which will permit Licensee use of the Licensed Area as set forth above. In the event that (i) any of such applications for such Governmental Approvals should be finally rejected; (ii) any Governmental Approval issued to Licensee is canceled, expires, lapses, or is otherwise withdrawn or terminated by governmental authority; (iii) Licensee determines that such Governmental Approvals may not be obtained in a timely manner; (iv) Licensee determines that it will be unable to obtain in a satisfactory manner, or maintain any fiber or power connection; or (v) Licensee determines that the Licensed Area is no longer technically compatible for its use, Licensee shall have the right to terminate this Supplement. Notice of Licensee's exercise of its right to terminate shall be given to Licensee in

writing by certified mail, return receipt requested, and shall be effective upon the mailing of such notice by Licensee, or upon such later date as designated by Licensee. All rentals paid to said termination date shall be retained by Licensor. Upon such termination, this Supplement shall be of no further force or effect except to the extent of the representations, warranties and indemnities made by each party to the other hereunder. Otherwise, Licensee shall have no further obligations for the payment of Rent to Licensor.

#### 8. <u>Miscellaneous</u>. N/A

[Signature page follows]

EXECUTED to be effective as of the date shown above.

LICENSOR:	LICENSEE:
TOWN OF FLORENCE, Arizona	GILA RIVER CELLULAR GENERAL PARTNERSHIP, dba Verizon Wireless
By: Print Name: Its:	By: Cellco Partnership Its: Managing General Partner  By:
ATTEST:	Print Name: Gary Bailey Its: Director – Network Field Engineering
, Clerk APPROVED AS TO FORM:	
Florence Town Attorney	
Exhibits:	
Exhibit 1	

#### Exhibit 1

#### **Licensed Area**

See attached.



TEMPE, ARIZONA 85293 PHONE: 480.752.7238

**Siino** Design

FOUNTAIN HILLS, "ARIZONA 85268 FAX: 480.836.1004

ENGINEERING CONSULTANT

# Verzon<sup>\*</sup>

AZ5 ANTHEM-SCHOOL 3 SC N. OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132 APN NO. R.O.W.

Two working days before you dig, CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or 1 (800) STAKE-IT (782-5348) (OUTSIDE MARICOPA COUNTY)

SHEET

NO.

T-1 | TITLE SHEET

LS-1 | SITE SURVEY

A-3 | ELEVATIONS

GN-1 | GENERAL NOTES

GN-2 | GENERAL NOTES

A-1 OVERALL SITE PLAN

A-2 | ENLARGED SITE PLAN

A-4 | CONSTRUCTION DETAILS

E-4 ONELINE DIAGRAM & PANEL SCHEDULE

E-5 | STREET POLE WIRING DETAILS

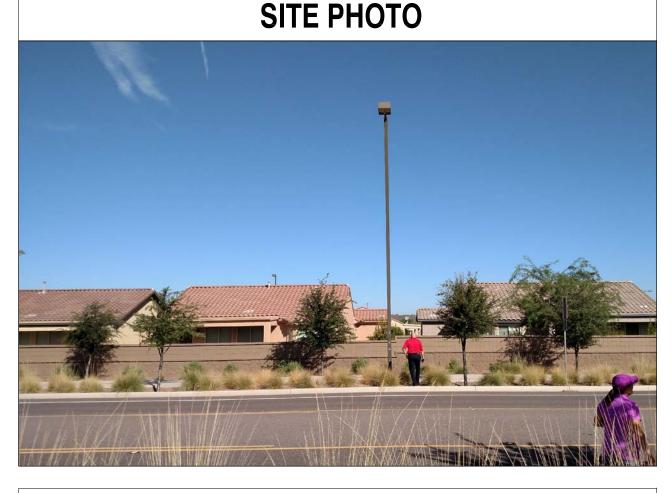
E-1 | ELECTRICAL NOTES

E-2 | ELECTRICAL NOTES

G-1 | GROUNDING PLAN

G-2 GROUNDING DETAILS

E-3 | POWER PLAN



**SHEET INDEX** 

SHEET DESCRIPTION

### DRAWING APPROVALS (SIGNATURES) SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

JNGO CHECKED BY: CMS SCHEDULE OF REVISIONS DESCRIPTION 4 | 05/21/17 | UPDATED CABINET COMMENTS 11/10/16 CHANGED POLE TYPE CMS

#### AZ5\_ANTHEM-SCHOOL\_3\_SC

08/26/15 RE COMMENTS

SITE ADDRESS: N. OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132

SEAL:

## **VICINITY MAP** SITE \* NORTH

#### **DRIVING DIRECTIONS**

FROM VERIZON OFFICE AT 126 W. GEMINI DR., TEMPE: TAKE I-10 EAST TOWARD TUCSON THEN TAKE EXIT 185 FOR ARIZONA 187 TOWARD COOLIDGE/FLORENCE; TAKE A SHARP LEFT ONTO AZ-387 THEN TURN RIGHT ONTO AZ-87S; CONTINUE ONTO AZ-287 THEN TURN LEFT ONTO N. ATTAWAY RD.; TURN LEFT ONTO N. HUNT HWY; TURN RIGHT ONTO MERRILL RANCH PKWY; TURN LEFT ONTO N. SUN CITY BLVD & FOLLOW TO THE SITE ON THE LEFT.

#### **GENERAL NOTES**

THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT AS SET FORTH IN THE CONSTRUCTION DRAWINGS, CONTRACT DOCUMENTS AND THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK UNLESS OTHERWISE DIRECTED.

#### SITE LOCATION INFORMATION

SITE NAME: AZ5\_ANTHEM-SCHOOL\_3\_SC N. OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132

APN NUMBER: R.O.W.

APPLICANT:

OWNER CONTACT:

CABINET VOLUME:

LATITUDE: 33° 04′ 10.3″ N (NAD 83)

LONGITUDE: 111° 28' 03.7" W (NAD 83) ELEVATION: 1,492.3' (AMSL) (NAVD 88)

CURRENT ZONING: R.O.W. - NOT ZONED

> VERIZON WIRELESS 126 WEST GEMINI DR. TEMPE, AZ 85283

CONTACT: TERRY SKULA PHONE: (602) 350-1007

PROPERTY OWNER: TOWN OF FLORENCE

44 CF3

JURISDICTION: TOWN OF FLORENCE

PUBLIC WORK - TRAFFIC ENGINEERING DEPARTMENT

425 E. RUGGLES P.O. BOX 2670 FLORENCE, AZ 82135 (520) 868-7626

CODE COMPLIANCE

ANSI/EIA-222-G STRUCTURAL STEEL STANDARDS FOR STEEL

ANTENNA TOWERS AND SUPPORTING STRUCTURES STANDARD

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE

WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL

GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT

TOWN OF FLORENCE

LIGHT POLE OWNER: APS POLE NUMBER: S 598334

WORK NOT CONFORMING TO THESE CODES.

2011 NATIONAL ELECTRICAL CODE (NEC)

CITY AND/OR COUNTY ORDINANCES

LOCAL BUILDING CODE(S)

2012 INTERNATIONAL BUILDING CODE (IBC)

CLIENT: VERIZON WIRELESS 126 WEST GEMINI DRIVE TEMPE, ARIZONA 85283

CONSTRUCTION MANAGER: TERRY SKULA

RF ENGINEER: SYED NAQVI REAL ESTATE: JAMISON TYLER

PROJECT TEAM

MOBILE: (480) 777-4336 REAL ESTATE SHAW & ASSOCIATES, PLC CONSULTANT: CONTACT: STEVE MABRY MOBILE: (318) 347-1428

A&E DESIGN SIINO DESIGN

CONSULTANT:

16616 EAST PALISADES BLVD, SUITE 102 MANAGEMENT FOUNTAIN HILLS, ARIZONA 85268 PROFESSIONAL: CONTACT: CHRIS M. SIINO, MBA, MSTL, PMP, MCP

SMABRY@SHAW-ASSOCIATES.COM

FAX: (480) 836-1004 CIVIL ENGINEERING PNP ENGINEERING INC CONTACT: YONG-JOONG KANG, PE

MOBILE: (949) 351-5020 EE CONSULTANT: EE LLC

MOBILE: (602) 672-4311

OCCUPANCY GROUP: TYPE OF CONSTRUCTION: V-B SIZE OF LEASE AREA: 48 SQ. FT.

#### **ACCESSIBILITY DISCLAIMER**

THE PROPOSED PROJECT IS AN UNOCCUPIED TELECOMMUNICATIONS FACILITY AND IS NOT TO BE ACCESSED BY THE GENERAL PUBLIC. THIS FACILITY IS EXEMPT FROM DISABLED ACCESS REQUIREMENTS PER IBC 1103.2 9 LISTED AS AN EQUIPMENT SPACE.

APS LIGHT POLE WITH A APS NEW LIGHT POLE WITH LESSEE ANTENNA ARRAYS. IN ADDITION, INSTALLATION OF (1) NEW EQUIPMENT CABINET WITH SCREEN.

THIS PROJECT DOES NOT INCLUDE WATER OR SEWER.

THIS PROJECT INCLUDES PERMANENT TELEPHONE AND ELECTRICAL CONNECTIONS.

DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL

#### PROJECT DESCRIPTION

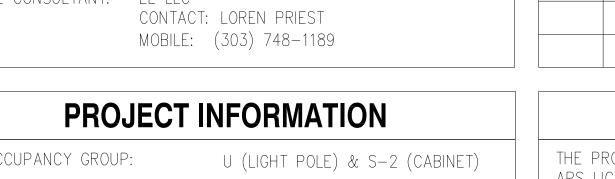
THE PROJECT CONSISTS OF THE REMOVAL AND REPLACEMENT OF AN EXISTING

APPLICABLE CODES AND ORDINANCES.

SHEET TITLE:

TITLE SHEET

SHEET NUMBER: T=1



#### **GENERAL NOTES:**

- 1. DRAWINGS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE, THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE PROJECT AS DESCRIBED IN THE DRAWINGS AND OWNER'S PROJECT MANUAL.
- 2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE NEW PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
- 3. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
- 4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- 5. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 6. ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
- 7. GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED "FOR CONSTRUCTION" AND EACH SUCCESSIVE SHEET BEARS THE ARCHITECT'S SIGNED WET STAMP.
- 8. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
- 9. SEAL ALL PENETRATIONS THROUGH FIRE—RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.
- 10. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
- 11. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 12. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- 13. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- 14. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.
- 15. THE CONTRACTOR SHALL PROVIDE COMPANY WITH. PROPER INSURANCE CERTIFICATES NAMING (COMPANY). AS ADDITIONAL INSURED, AND (COMPANY) PROOF OF LICENSE(S) AND PE & PD INSURANCE.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.
- 17. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE—CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. 1—800—332—2344.
- 18. CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO (COMPANY) ALONG WITH REDLINED CONSTRUCTION SET.
- 19. CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING)
  THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO (COMPANY)
  REPRESENTATIVE UPON COMPLETION.
- 20. FOR COLLOCATION SITES: CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN BID WALK.

- 21. GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
- 22. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY (COMPANY) CONSTRUCTION MANAGER.
- 23. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER AND BUILDING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVE THE WORK GUARANTEED UNDER THE ROOFING CONTRACTOR'S WARRANTY FOR MOISTURE PENETRATION OR AND OTHER FUTURE BREACH OF ROOFING INTEGRITY.
- 24. CONTRACTOR SHALL SUPERVISE AND DIRECT ALL WORK, AND PROVIDE CONTINUOUS SUPERVISION WHILE ANY SUBCONTRACTORS OR WORKMEN ARE ON THE JOB SITE.
- 25. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
- 26. CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING CONSTRUCTION TO SATISFACTION OF VERIZON WIRELESS REPRESENTATIVE.
- 27. CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS DURING CONSTRUCTION. LEAVE PREMISES IN A VACUUM AND BROOM CLEAN CONDITION, FREE FROM PAINT SPOTS, DUST, SMUDGES OF ANY NATURE AND IN WORKING ORDER UNTIL ACCEPTANCE BY VERIZON WIRELESS AND PROPERTY OWNER.
- 28. IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
- 29. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS—BUILT DRAWING SET" HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X—RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.
- 30. GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLE TRAY TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE PERMITTED FOR USE ON VERIZON WIRELESS PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT4S-CP UNDER SERIES-304 (OR EQUAL). PANDUIT PRODUCT DISTRIBUTED BY TRIARC OF TACOMA, WA.
- 31. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING THE FINAL INSPECTION BY VERIZON WIRELESS, THE CONTRACTOR SHALL PROVIDE VERIZON WIRELESS WITH ONE (1) COPY OF ALL RED-LINED DRAWINGS. NOTE ALL OF THE FOLLOWING:

MODIFICATIONS OF ANY SCHEDULE
MODIFICATION OF ANY DIAGRAM
SUBSTITUTIONS AND OR MODEL NUMBERS OF FOURTHER

SUBSTITUTIONS AND/OR MODEL NUMBERS OF EQUIPMENT

32. VERIFY ALL FINAL EQUIPMENT WITH VERIZON WIRELESS REPRESENTATIVE. ALL TELEPHONE/RADIO EQUIPMENT LAYOUT, SPECIFICATIONS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON WIRELESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

#### **STANDARD CIVIL NOTES:**

- 1. ALL SITE WORK SHALL BE AS INDICATED ON THE DRAWINGS AND STIPULATED IN THE SPECIFICATIONS PROJECT SUMMARY.
- 2. RUBBISH, STUMPS, DEBRIS, STICKS, STONES AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY.
- 3. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUND. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
- 4. THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNIFORM GRADE PRIOR TO THE CRUSHED STONE APPLICATION.
- 5. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

- 6. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND SHALL BE CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF THE ENGINEERS.
- 7. THE AREAS OF THE CUSTOMER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE BUILDING, DRIVEWAY OR CRUSHED STONE, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED, AND COVERED WITH MULCH AS SPECIFIED IN THE SPECIFICATION LANDSCAPE WORK.

#### **CONCRETE NOTES:**

- 1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI-318.
- 2. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE CURRENT BUILDING CODE. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS.

3. TYPE OF CONSTRUCTION	28 DAY STRENGTHS (f'c)	W/C RATIO	MINIMUM CEMENT CONTEN PER CUBIC YARD
A. SLABS ON GRADE TOPPING SLABS CONCRETE PIERS	2,400 PSI	≤.45	5 1/2 SACKS
B. ALL STRUCTURAL CONCRE EXCEPT WALLS	TE 4,000 PSI	≤.45	6 1/2 SACKS
C. CONCRETE WALLS	4,000 PSI	≤.45	6 1/2 SACKS

- 4. CEMENT SHALL BE ASTM C150, PORTLAND CEMENT TYPE II U.N.O.
- 5. THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.
- 6. ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR—ENTRAINED WITH AN AIR—ENTRAINING AGENT CONFORMING TO ASTM C260, C494, C618, C989 AND C1017. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE CURRENT BUILDING CODE.
- 7. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=40,000 PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING COMPLYING WITH ASTM A615(S1) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D14 ARE SUBMITTED.
- 8. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH AC1 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.
- 9. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- 10. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy=60,000 PSI.
- 11. NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE CONSULTANT.
- 12. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE		3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER	(#6 BARS OR LARGER) (#5 BARS OR SMALLER)	2" 1 1/2
SLABS AND WALLS (INTERIOR FACE)		3/4"

- 13. BARS SHALL BE SUPPORTED ON CHAIRS OR DOBIE BRICKS.
- 14. ANCHOR BOLTS TO CONFORM TO ASTM A307.
- 15. NON-SHRINK GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3,000 PSI MINIMUM).
- 16. ALL EXPANSION ANCHORS TO BE HILTI BRAND. ADHESIVE ANCHORS REQUIRE TESTING TO CONFIRM CAPACITY UNLESS WAIVED BY ENGINEER.

#### STEEL NOTES:

- 1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

verizon v

verizon

126 WEST GEMINI DRIVE

TEMPE, ARIZONA 85293 PHONE: 480.752.7238

DESIGN MANAGEMENT PROFESSIONAL:

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UNIT #102
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ENGINEERING CONSULTANT:

DRAWING APPROVALS (SIGNATURES)

\_\_\_\_\_\_SITE\_ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

CHECKED BY: CMS

SCHEDULE OF REVISIONS

NO DATE DESCRIPTION BY

4 05/21/17 UPDATED CABINET CMS

3 12/02/16 COMMENTS CMS

SITE NAME:

AZ5\_ANTHEM-SCHOOL\_3\_SC

1 08/26/15 RE COMMENTS

2 | 11/10/16 | CHANGED POLE TYPE | CMS

SITE ADDRESS:

N. OF ANTHEM WAY ON SUN CITY BLVD.

FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**GENERAL NOTES** 

SHEET NUMBER:

#### STEEL NOTES:

- 3.1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
- 3.2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON THE A.I.S.C. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODE, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
- 3.3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

#### TYPE OF MEMBER

A. PLATES. SHAPES, ANGLES, AND RODS ASTM A36, Fy 36 KSI SPECIAL SHAPES AND PLATES ASTM A572, Fy 50 KSI PIPE COLUMNS ASTM A53, Fv 35 KSI D. STRUCTURAL TUBING ASTM A500, Fy 46 KSI E. ANCHOR BOLTS ASTM A307 F. CONNECTION BOLTS ASTM A325 TWIST-OFF-TYPE

- 3.4. ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-00.
- 3.5. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.C. AND AWS STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING E70 XX ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.
- 3.6. COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE, AND GAGE SHOWN ON THE PLANS. PROVIDE MINIMUM SECTION PROPERTIES INDICATED. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.S. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
- 3.7.BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIA.) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
- 3.8.NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
- 3.9.ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN & CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.
- 3.10. ALL WELDS TO BE 1/4" FILLET UNLESS NOTED OTHERWISE.
- 3.11. TOUCH UP ALL FIELD DRILLING AND WELDING WITH 2 COATS OF GALVACON (ZINC RICH PAINT) OR APPROVED EQUAL.

#### **PAINTING:**

- 1. THE CONTRACTOR SHALL PREPARE SURFACES, FURNISH ALL PAINT, MATERIAL, LABOR AND EQUIPMENT REQUIRED FOR THE PAINTING OF ALL SURFACES AS REQUIRED BY THE DRAWINGS AND SPECIFIED HEREIN.
- 2. PAINTS TO BE APPLIED IN ALL WORKMANLIKE MANNER. UPON COMPLETION, REMOVE ALL MATERIALS AND DEBRIS CAUSED BY THIS CONTRACTOR, ALL HARDWARE, FLOORS, GLASS, FRAMES FIXTURES AND THE LIKE SHALL BE THOROUGHLY CLEANED OF PAINT.
- 3. REGULATORY REQUIREMENTS: ALL MATERIALS MUST COMPLY WITH AIR POLLUTION CONTROL REGULATIONS, SUCH AS L.A. COUNTY APCD RULE 1113 AND BAY AREA PCD REG. 3.
- 4. MATERIAL SHALL BE AS INDICATED ON PAINT SCHEDULE BELOW AND DRAWINGS.
- 5. ALL STEEL COLUMNS AND MISC. METALS SHALL BE PRIMED AND PAINTED.
- 6. FIRE PREVENTION: TAKE EVERY PRECAUTION AT THE END OF THE DAY TO REMOVE OILY RAGS AND COMBUSTIBLE MATERIALS FROM THE SITE OR STORE IN METAL CONTAINER WITH TIGHT COVERS.
- 7. EXTERIOR PAINT SYSTEMS (EPS):
- 7.1. FERROUS METALS; DOORS AND FRAMES: (MDF) 1-2 MILS PER COAT FRAZEE PAINT -COLOR TO MATCH EXISTING BUILDING 1ST COAT: 664 RUST STOP 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.2. ALUMINUM OR GALVANIZED STEEL: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR PER PLAN 1ST COAT: 661 METAL PLAN 2ND COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS.
- 7.3. PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO MATCH EXISTING BUILDING 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/GINTERIOR PAINT SYSTEMS (IPS):
- 8. INTERIOR PAINT SYSTEMS (IPS):
- 8.1. GYPSUM DRYWALL (NON-EPOXY): RADIO FACILITY (MDF) 1-2 MILS PER COAT FRAZEE PAINT - COLOR TO BE WHITE 1ST COAT: 061 AQUA SEAL 2ND COAT: 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G
- 8.2. TELEPHONE BACKBOARD: FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: 367 FRAFLO V/C 2ND COAT: FLAT FIRE PAINT #505 BY FLANECRETE (AS SPECIFIED) 3RD COAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS OVERCOAT: 124 MIRROGLIDE S/G ACRYLIC SEMI-GLOSS (TINT TO MATCH WALL)
- 8.3. PLASTER, CONCRETE, MASONRY: (MDF) 1-2 MILS PER COAT FRAZEE PAINT COLOR TO BE WHITE 1ST COAT: LATEX PRIMER SEALER - 065 ACRY PRIME 2ND COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G 3RD COAT: SEMI-GLOSS - 124 MIRROGLIDE S/G

#### SIGNS:

- 1. INSTALL EMERGENCY INFORMATION PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR MOST VISIBLE PLACE ON OUTSIDE COMPOUND WALL). PLACARD IS TO CONTAIN SITE NAME, SITE NUMBER, COMPANY NAME, ADDRESS INFORMATION, AND A "800" NUMBER TO DIAL IN CASE OF EMERGENCY. PLACARD IS TO CONSIST OF HIGH CONTRAST LETTERING (WHITE BACK GROUND W/ RED LETTERING) BEHIND VANDAL RESISTANT LEXAN COVER.
- 2. INSTALL ADDRESS PLACARD NEAR ENTRANCE GATE OF EQUIPMENT AREA (OR FACING STREET OF ASSOCIATED ADDRESS). PLACARD IS TO CONTAIN 12" TALL HIGH CONTRAST LETTERING (WHITE BACK GROUND AND RED LETTERS) BEHIND VANDAL RESISTANT LEXAN COVER.

#### **SPECIAL INSPECTIONS:**

- A. SPECIAL INSPECTIONS & SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (FOR SEISMIC DESIGN CATEGORY C) ARE REQUIRED FOR THE FOLLOWING ITEMS ON THIS PROJECT:
- A.1. STRUCTURAL STEEL PER IBC 1704.3 AND 1707.2. APPROVED FABRICATOR CERTIFICATES FROM AISC OR ICC MUST BE PROVIDED TO THE BUILDING OFFICIAL TO WAIVE INSPECTION OF SHOP FABRICATION.
- A.2.REINFORCED CONCRETE AND POST-INSTALLED ANCHORS PER IBC 1704.4 & 1707.7 AND THE ICC-ES REPORT FOR THE PRODUCT(S) USED.

#### **DUTIES & RESPONSIBILITIES OF SPECIAL INSPECTOR:**

- A. SPECIAL INSPECTOR SHALL OBSERVE WORK ASSIGNED TO VERIFY ACCORDANCE WITH APPROVED DESIGN DRAWINGS & SPECIFICATIONS.
- B. CONSTRUCTION MANAGER IN CHARGE OF SPECIAL INSPECTION SHALL PROVIDE INSPECTION REPORTS TO BUILDING OFFICIAL & ENGINEER OF RECORD. DISCREPANCIES SHALL BE BROUGHT TO IMMEDIATE ATTENTION OF CONTRACTOR FOR CORRECTION. IF UNCORRECTED, DISCREPANCIES SHALL BE SUBMITTED TO DESIGN AUTHORITY AND BUILDING OFFICIAL.
- C. UPON COMPLETION OF ASSIGNED WORK, THE ENGINEER SHALL SEAL & SIGN APPROPRIATE FORMS CERTIFYING TO BEST OF KNOWLEDGE THE WORK IS IN CONFORMANCE WITH APPROVED PLANS & SPECIFICATION & APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.
- D. SPECIAL INSPECTIONS ARE TO BE PERFORMED INDEPENDENTLY AND IN ADDITION TO BUILDING OFFICIAL'S SCHEDULED INSPECTIONS.

#### **LEGEND:**

Ģ	NEW ANTENNA		
$\angle_{\diamond} \Delta$	EXISTING ANTENNA		GROUT OR PLASTER
$\otimes$	GROUND ROD		(E) BRICK
<del></del>	GROUND BUS BAR		(E) MASONRY
•	MECHANICAL GRND. CONN.		CONCRETE
	CADWELD		EARTH
$\bigotimes$	GROUND ACCESS WELL	000000000000000000000000000000000000000	GRAVEL
Ε	ELECTRIC BOX	<i>(((((((((((((((((((((((((((((((((((((</i>	PLYWOOD
T	TELEPHONE BOX		SAND
$\Rightarrow$	LIGHT POLE		WOOD CONT.
0	FND. MONUMENT		WOOD BLOCKING
<b>\( \rightarrow \)</b>	SPOT ELEVATION		STEEL
	FIRE HYDRANT		CENTERLINE
1	REVISION		PROPERTY/LEASE LINE
			LEASE LINE
(x)	GRID REFERENCE		GROUND CONDUCTOR
(X-X)	DETAIL REFERENCE	T	TELEPHONE CONDUIT
		E	ELECTRICAL CONDUIT
X	ELEVATION REFERENCE	A	COAXIAL CABLE
		——T/E——	OVERHEAD SERVICE CONDUCTORS
X-X	SECTION REFERENCE	X	CHAIN LINK FENCING

#### **DESIGN LOADS:**

FOR POLE ANALYSIS, PLEASE REFER TO POLE STRUCTURAL REPORT BY CEM-TEC CORPORATION.

#### TOWN OF FLORENCE STREET LIGHTING GENERAL NOTES

- 1. ALL MATERIAL AND INSTALLATION SHALL CONFORM TO TOWN OF FLORENCE ORDINANCES AND THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.
- 2. THE LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ALL INVOLVED UTILITIES MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE, PER LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SECTION 730-6. FOR CONTACTING ALL UTILITIES FOR EXACT LOCATIONS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 3. ALL LIGHTING UNITS SHALL BE INSTALLED WITH THE MAST ARM PERPENDICULAR TO THE LANE OR RAMP ON WHICH THEY ARE LOCATED.
- 4. FOR ELECTRICAL SERVICE, THE CONTRACTOR SHALL COORDINATE WITH ELECTRICAL PROVIDER PER SECTION 107 OF THE SPECIAL PROVISIONS IN THE LATEST ADOT'S TRAFFIC SIGNAL AND ENGINEERING CONSULTANT: LIGHTING STANDARD.
- 5. ALL PULL BOXES SHALL BE LEFT IN A CLEAN CONDITION, FREE OF DIRT AND DEBRIS UPON COMPLETION OF THE WORK.
- 6. EXTEND CONDUITS TO NEW PULL BOX LOCATIONS AS SHOWN ON THE PLANS.
- 7. THE CONTRACTOR SHALL FIELD VERIFY ALL POLE LOCATIONS WITH THE LOCAL JURISDICTION ENGINEER, PRIOR TO ANY CONSTRUCTIONS ACTIVITY. 8. TOP OF POLE FOUNDATION SHALL BE THE SAME ELEVATION AS THE TOP OF THE FINISHED
- SIDEWALK RAMP, OR THE ADJACENT FINISHED ROADWAY SURFACE, IN SLOPED AREAS. CONSTRUCT COMPACTED FILL AROUND FOUNDATIONS FOR FULL STRUCTURAL SUPPORT AT
- REMOVE AND SALVAGE EXISTING POLES, MAST ARMS, LUMINAIRES, MOUNTING ASSEMBLIES. THE SALVAGED EQUIPMENT SHALL BE DELIVERED TO THE OWNER.
- 10. ALL EXISTING PULL BOXES AND FOUNDATIONS (NOT BEING USED) SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AS PER SECTIONS 202-3.04 AND SECTIONS 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS AND AS DIRECTED BY THE JURISDICTION ENGINEER.
- 11. REMOVE AND DISPOSE OF THE EXISTING CONDUITS AND CONDUCTORS NOT BEING USED, PER SECTION 737-3.03 OF THE LATEST ADOT'S TRAFFIC SIGNAL AND LIGHTING STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE JURISDICTION ENGINEER.

CLIENT:



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**Siino** Design

DESIGN MANAGEMENT PROFESSIONAL

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DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY:

SCHEDULE OF REVISIONS DESCRIPTION 4 05/21/17 UPDATED CABINET

CMS

COMMENTS 2 | 11/10/16 | CHANGED POLE TYPE | CMS 

#### AZ5\_ANTHEM-SCHOOL\_3\_SC

SITE NAME:

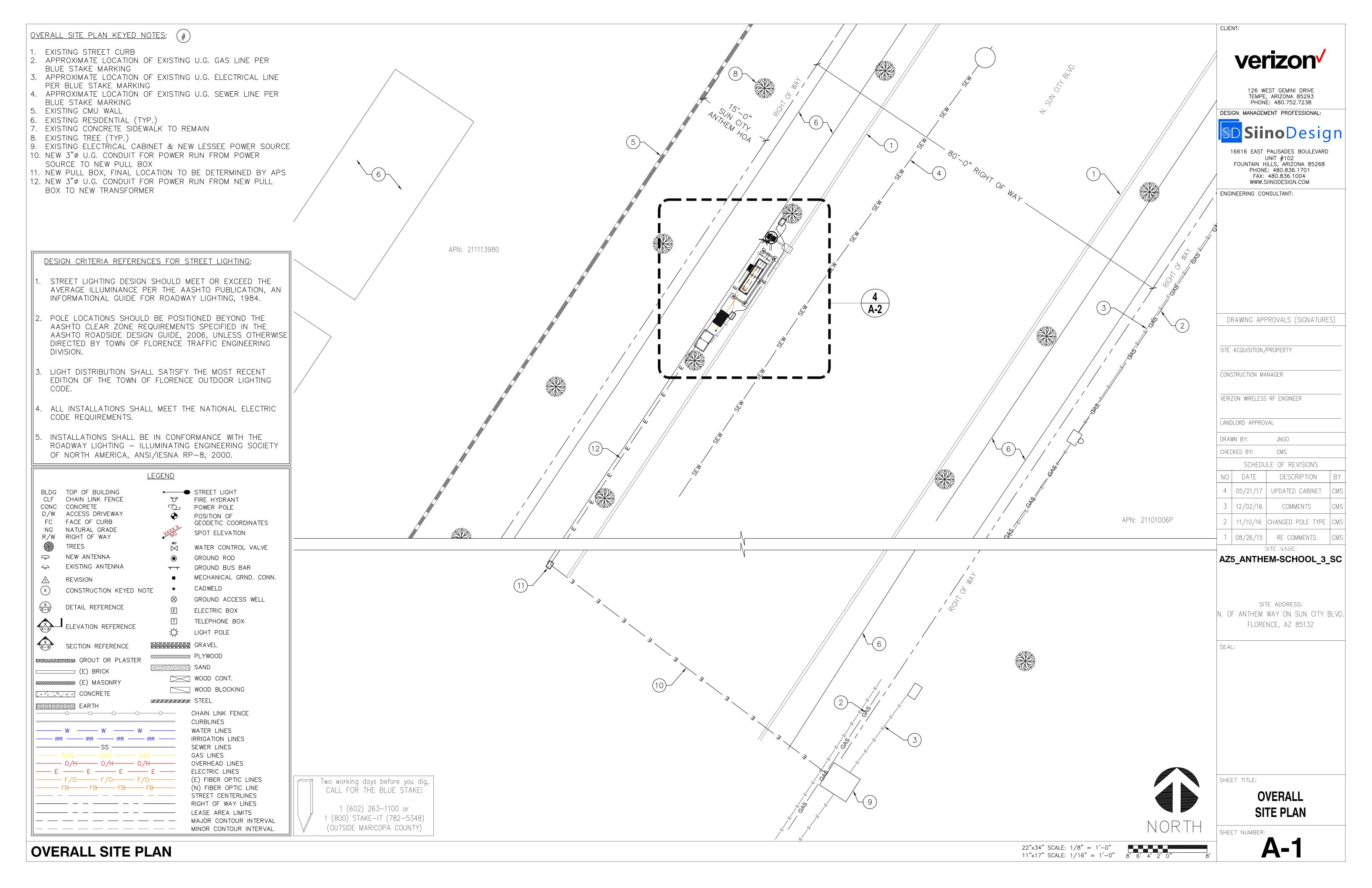
SITE ADDRESS: N. OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132

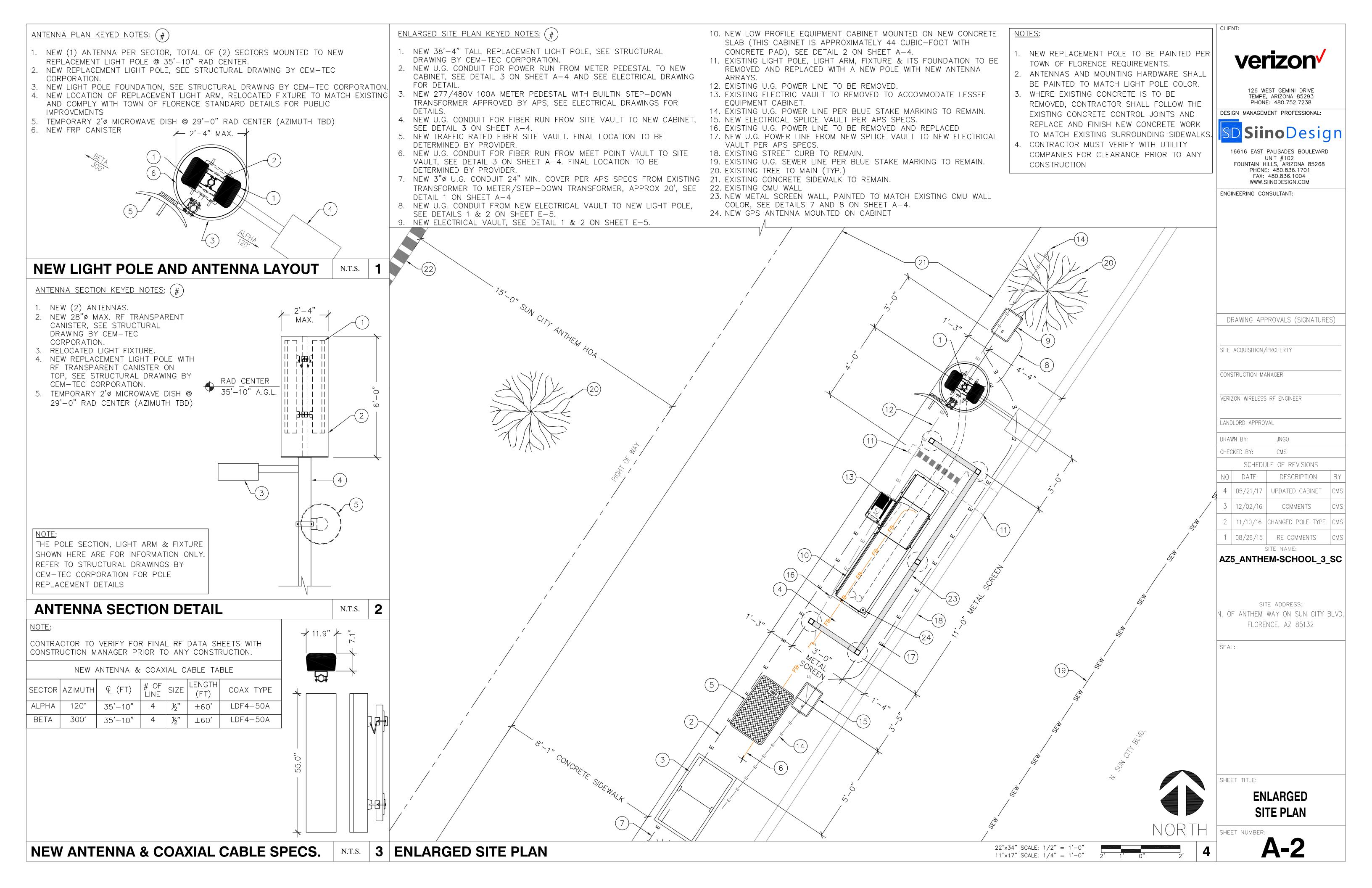
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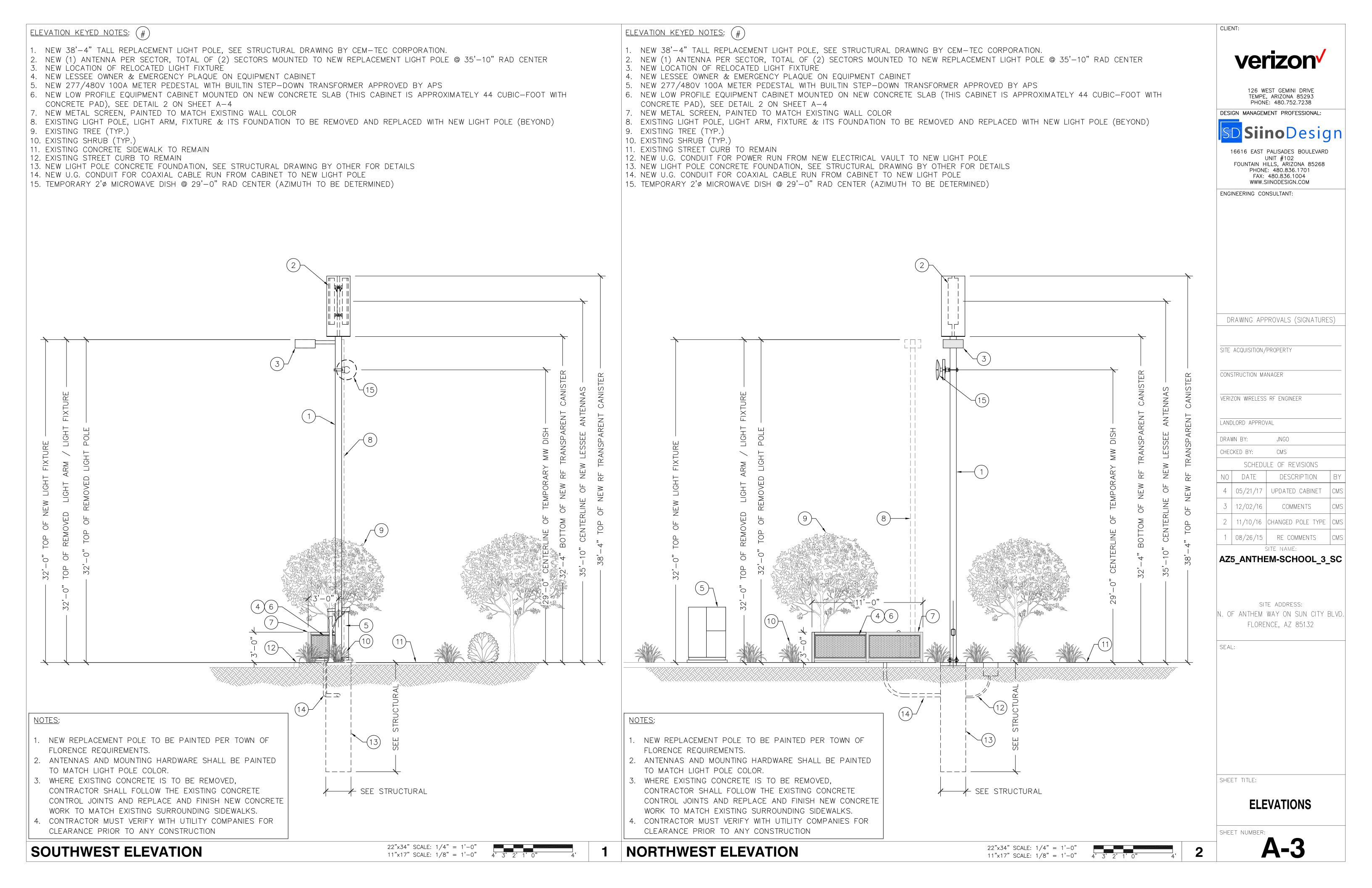
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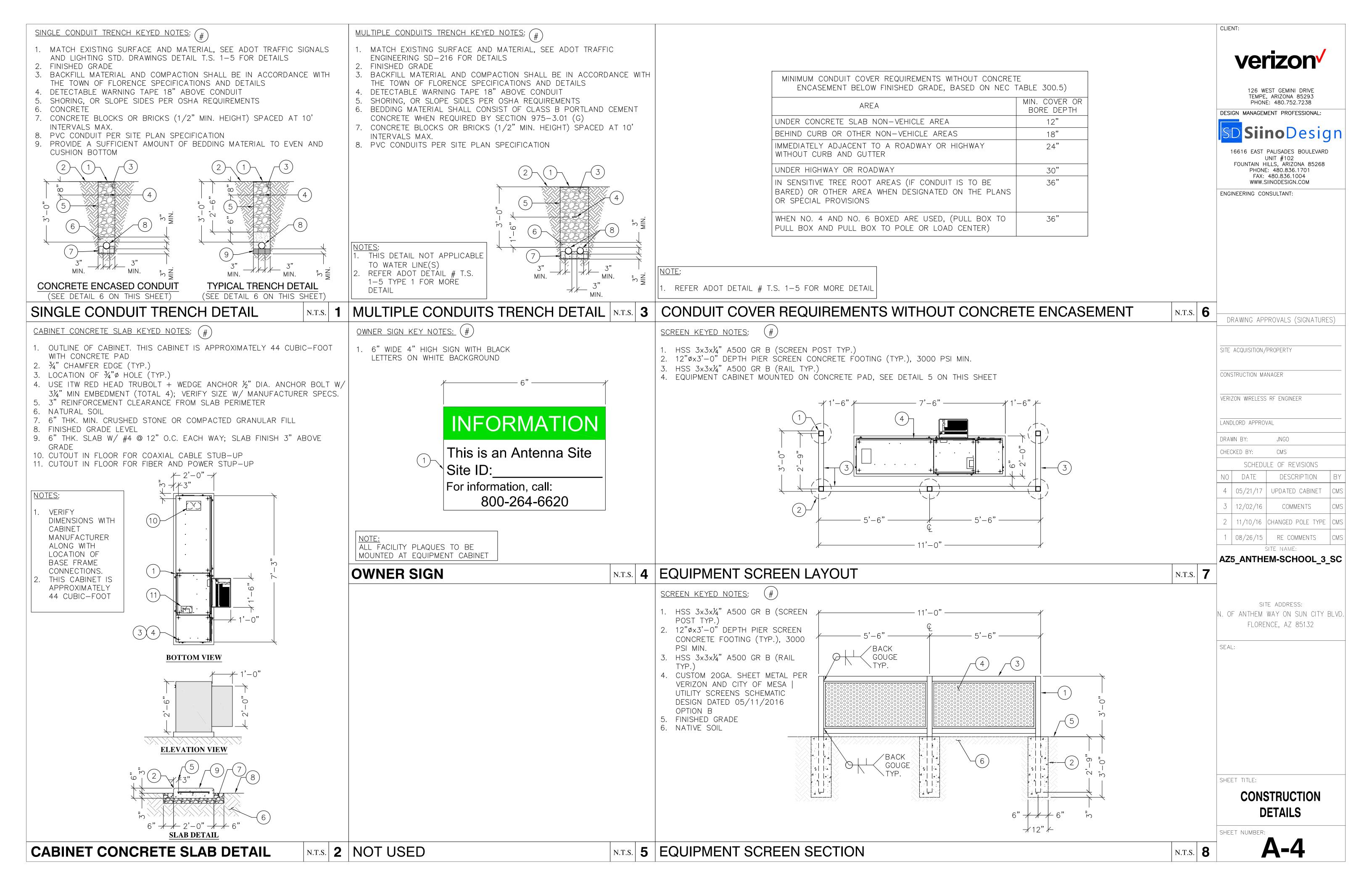
**GENERAL NOTES** 

GN-2









#### ELECTRICAL GENERAL REQUIREMENTS

- A. SCOPE OF WORK: ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE INDICATED. FURNISH ALL LABOR, EQUIPMENT, TECHNICAL SUPERVISION, AND INCIDENTAL SERVICES REQUIRED TO COMPLETE, TEST AND LEAVE READY FOR OPERATION THE ELECTRICAL SYSTEMS AS SPECIFIED AND AS INDICATED ON DRAWINGS.
- B. ORDINANCES AND CODES: PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL ORDINANCES AND REGULATIONS, THE RULES AND REGULATIONS OF NFPA, NECA, AND UL. UNLESS OTHERWISE INDICATED.
- C. UNLESS OTHERWISE INDICATED, ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, APPROVALS AND FEES FOR ELECTRICAL WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, RULES AND REGULATIONS.
- D. THE DRAWINGS SHOW THE LOCATION AND GENERAL ARRANGEMENT OF EQUIPMENT, ELECTRICAL SYSTEMS AND RELATED ITEMS. THEY SHALL BE FOLLOWED AS CLOSELY AS ELEMENTS OF THE CONSTRUCTION WILL PERMIT. FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS DEPICTED FROM THE PLANS AND SPECIFICATIONS HEREIN, AS NOTED OR IMPLIED, NOT LIMITED TO WHAT IS SHOWN. ALL APPURTENANCES, BASES, PADS, SUPPORTS NOT INDICATED TO MAKE A WORKING SYSTEM MUST BE INCLUDED IN CONTRACTOR'S BID.
- E. IF THERE APPEARS TO BE ANY ITEMS IN CONFLICT WITH THE DRAWINGS, INCONSISTENCIES WITH DESIGN OR INTENT, OR NEED FOR CLARIFICATIONS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLARIFY THESE ITEMS PRIOR TO BID IN WRITING WITH THE ENGINEER. IF THE CONTRACTOR FAILS TO CLARIFY ANY QUESTIONS OR INCONSISTENCY, HE ACCEPTS RESPONSIBILITY TO CORRECT AT HIS COST ANY SUCH ITEM TO MEET INTENT AS DEFINED BY ENGINEER.
- F. EXAMINE THE DRAWINGS OF OTHER TRADES AND VERIFY THE CONDITIONS GOVERNING THE WORK ON THE JOB SITE. ARRANGE WORK ACCORDINGLY, PROVIDING SUCH FITTINGS, CONDUIT, JUNCTION BOXES AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.
- G. COORDINATE ARRANGEMENT, MOUNTING AND SUPPORT OF ELECTRICAL EQUIPMENT WITH OTHER TRADES.
- H. VISIT THE SITE, EXAMINE AND VERIFY THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED BEFORE SUBMITTING PROPOSAL. THE SUBMITTING OF A PROPOSAL IMPLIES THAT THE CONTRACTOR HAS VISITED THE SITE AND UNDERSTANDS THE CONDITIONS UNDER WHICH THE WORK MUST BE CONDUCTED. NO ADDITIONAL CHARGES WILL BE ALLOWED BECAUSE OF FAILURE TO MAKE THIS EXAMINATION OR TO INCLUDE ALL MATERIALS AND LABOR TO COMPLETE THE WORK.
- I. BIDS SHALL BE BASED UPON MANUFACTURED EQUIPMENT SPECIFIED VOLUNTARY ALTERNATES MAY BE SUBMITTED FOR CONSIDERATION, WITH LISTED ADDITION OR DEDUCTION TO THE BID.
- J. WARRANTY: CONTRACTOR SHALL WARRANTY THAT THE ELECTRICAL INSTALLATION IS FREE FROM DEFECTS AND AGREES TO REPLACE OR REPAIR, TO THE OWNER'S SATISFACTION, ANY PART OF THIS ELECTRICAL INSTALLATION WHICH BECOMES DEFECTIVE WITHIN A PERIOD OF TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION FOLLOWING FINAL ACCEPTANCE, PROVIDED THAT SUCH FAILURE IS DUE TO DEFECTS IN THE EQUIPMENT, MATERIAL, WORKMANSHIP OR FAILURE TO FOLLOW THE CONTRACT DOCUMENTS.
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY SERVICES INCLUDING EQUIPMENT AND INSTALLATION REQUIRED TO MAINTAIN OPERATION AS A RESULT OF ANY EQUIPMENT FAILURE OR DEFECT DURING WARRANTY PERIOD.
- L. FILE WITH THE OWNER ANY AND ALL WARRANTIES FROM THE EQUIPMENT MANUFACTURERS INCLUDING THE OPERATING CONDITIONS AND PERFORMANCE CAPACITIES THEY ARE BASED ON.
- M. IN GENERAL, DEMOLITION WORK IS INDICATED ON THE DRAWINGS.
  HOWEVER, THE CONTRACTOR SHALL VISIT THE JOB SITE TO
  DETERMINE THE FULL EXTENT AND CHARACTER OF THIS WORK.
- N. UNLESS SPECIFICALLY NOTED TO THE CONTRARY, REMOVED MATERIALS SHALL NOT BE REUSED IN THE WORK. SALVAGED MATERIALS THAT ARE TO BE REUSED SHALL BE STORED SAFE AGAINST DAMAGE AND TURNED OVER TO THE APPROPRIATE TRADE FOR REUSE. SALVAGED MATERIALS OF VALUE THAT ARE NOT TO BE REUSED SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SUCH OWNERSHIP IS WAIVED. ITEMS ON WHICH THE OWNER WAIVES OWNERSHIP SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO SHALL REMOVE AND LEGALLY DISPOSE OF SAME, AWAY FROM THE PREMISES.
- O. CONSULT WITH THE OWNER'S REPRESENTATIVE AS TO THE METHODS OF CARRYING ON THE WORK SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATION ANY MORE THAN ABSOLUTELY NECESSARY. ACCORDINGLY, ALL SERVICE LINES SHALL BE KEPT IN OPERATION AS LONG AS POSSIBLE AND THE SERVICES SHALL ONLY BE INTERRUPTED AT SUCH TIME AS WILL BE DESIGNATED BY THE OWNER'S REPRESENTATIVE.

- P. ALL CUTTING, PATCHING AND REPAIR WORK SHALL BE PERFORMED BY THE CONTRACTOR THROUGH APPROVED, QUALIFIED SUBCONTRACTORS. CONTRACTOR SHALL INCLUDE FULL COST OF SAME IN BID.
- Q. PROVIDE ALL EXCAVATION, TRENCHING, TUNNELING, DEWATERING AND BACKFILLING REQUIRED FOR THE ELECTRICAL WORK. COORDINATE THE WORK WITH OTHER EXCAVATING AND BACKFILLING IN THE SAME
- R. INSPECT THE INSTALLATION OF ALL EQUIPMENT PER THE MANUFACTURER'S RECOMMENDATION AND APPLICABLE CODES.
- S. PROVIDE UL APPROVED FIRE—STOPPING SYSTEM FOR ALL PENETRATIONS PASSING THROUGH FIRE RATED ASSEMBLIES.
- T. COMPLY WITH NECA 1.
- U. PROVIDE COMPLETE OPERATION AND MAINTENANCE INSTRUCTIONAL MANUALS COVERING ALL ELECTRICAL EQUIPMENT HEREIN SPECIFIED, TOGETHER WITH PARTS LISTS.
- V. CONTRACTOR SHALL SUBMIT TO THE ARCHITECT/ENGINEER, RECORD DRAWINGS ON ELECTRONIC MEDIA OR BOND WHICH HAVE BEEN NEATLY MARKED TO REPRESENT AS-BUILT CONDITIONS FOR ALL NEW ELECTRICAL WORK.
- W. SUBMIT FOR APPROVAL SHOP DRAWINGS FOR ALL ELECTRICAL SYSTEMS OR EQUIPMENT BUT NOT LIMITED TO THE ITEMS LISTED BELOW:
- 1. PANELBOARDS
- 2. DISCONNECT SWITCHES
- 3. WIRING DEVICES
- 4. LIGHTING FIXTURES
- 5. FUSES
- W. PROVIDE AND INSTALL ARC-FLASH HAZARD LABELS ON EACH ELECTRICAL EQUIPMENT AND ENCLOSURES DEFINED BY NFPA 70E. LABELS SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 70E AND CONTAIN AS A MINIMUM:
- 1. VOLTAGE (PHASE-PHASE)
- 2. FLASH PROTECTION BOUNDARY (INCHES)
- 3. INCIDENT ENERGY LEVEL AT THE WORKING DISTANCE (CA/CM2)
- 4. PERSONNEL PROTECTIVE EQUIPMENT (PPE) CLASS AND DESCRIPTION.
- 5. RESTRICTED APPROACH BOUNDARY (INCHES)
- 6. LIMITED SHOCK APPROACH BOUNDARY (INCHES)
- 7. PROHIBITED SHOCK APPROACH BOUNDARY (INCHES)

#### GROUNDING AND BONDING

- A. EQUIPMENT GROUNDING: COMPLY WITH NFPA 70, ARTICLE 250, FOR TYPES, SIZES, AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS SPECIFIC TYPES, LARGER SIZES, OR MORE CONDUCTORS THAN REQUIRED BY NFPA 70 ARE INDICATED.
- B. PROVIDE EQUIPMENT GROUNDING CONDUCTORS IN EACH RACEWAY.
- C. ALL GROUND/BONDING CONDUCTORS SHALL BE MULTI-CONDUCTOR TYPE (UL LABELED ROPE STRAND BUILDING WIRE CLASS "M") BARE OR INSULATED AS NOTED OR REQUIRED.

#### CONDUCTORS AND CABLES

- A. CONDUCTOR MATERIAL: COPPER COMPLYING WITH NEMA WC 70; STRANDED CONDUCTOR, RATED FOR 600V, 98% CONDUCTIVITY.
- B. CONDUCTOR INSULATION TYPES: TYPE THHN—THWN, SO, COMPLYING WITH NEMA WC 70. CONDUCTOR INSTALLATION WILL BE CONTINUOUSLY COLOR COATED UP TO SIZE 500 KCMIL.
- C. CONCEAL CABLES IN FINISHED WALLS, CEILINGS, AND FLOORS, UNLESS OTHERWISE INDICATED.
- D. USE CONDUCTOR NOT SMALLER THAN 12 AWG FOR POWER AND LIGHTING CIRCUITS. UNLESS INDICATED OTHERWISE, ALL CIRCUITS SHALL BE 2#12, 1#12G, 3/4"C.
- E. USE CONDUCTOR NOT SMALLER THAN 14 AWG FOR CONTROL CIRCUITS, PROVIDED BY ELECTRICAL CONTRACTOR.
- F. SUPPORT COMMUNICATION CABLES FROM STRUCTURE ABOVE, USING SPRING METAL CLIPS OR PLASTIC CABLE TIES TO SUPPORT CABLES FROM STRUCTURE.
- G. USE "STA-KON" CONNECTORS TO TERMINATE STRANDED CONDUCTORS #10 AWG AND SMALLER TO SCREW TERMINALS.
- H. CONDUCTOR AND INSULATION APPLICATIONS:
- 1. FEEDERS: TYPE THHN—THWN, SINGLE CONDUCTORS IN RACEWAY.
  2. BRANCH CIRCUITS, INCLUDING IN CRAWLSPACES: TYPE THHN—THWN, SINGLE CONDUCTORS IN RACEWAY.
- 3. CORD DROPS AND PORTABLE APPLIANCE CONNECTIONS: TYPE SO, HARD SERVICE CORD
- 4. CLASS I CONTROL CIRCUITS: TYPE THHN —THHWN IN RACEWAY.
  5. CLASS II CONTROL CIRCUITS: POWER LIMITED CABLE

- RACEWAYS AND BOXES
- A. SURFACE METAL RACEWAYS: GALVANIZED STEEL WITH SNAP-ON COVERS. FINISH WITH MANUFACTURER'S STANDARD PRIME COATING. WIREMOLD OR EQUAL. SIZE/TYPE AS SHOWN ON DRAWINGS.
- B. MINIMUM RACEWAY SIZE: 3/4-INCH TRADE SIZE.
- C. INSTALL CONDUIT IN ACCORDANCE WITH NECA "NATIONAL ELECTRICAL INSTALLATION STANDARDS".
- D. ROUTE CONDUITS IN FINISHED AREAS WITH EXPOSED CEILINGS AT UNDERSIDE OF STRUCTURAL DECK OR AS HIGH AS POSSIBLE. WHERE STEEL METAL DECK ON STEEL JOIST CONSTRUCTION, ROUTE CONDUITS ABOVE JOISTS. DO NOT SECURE CONDUIT TO BOTTOM OF JOISTS
- E. RACEWAY APPLICATIONS:
- 1. OUTDOORS ABOVE GRADE AND WET LOCATIONS: RIGID STEEL OR
- 2. OUTDOORS, BELOW GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS. PROVIDE WITH #16 AWG CU TRACING WIRE WITH 12" SPARE ACCESSIBLE AT EACH END.
- 3. INDOORS, BELOW SLAB ON GRADE: SCHEDULE 80 PVC WITH RIGID STEEL SWEEPS.
- 4. INDOORS, NOT EXPOSED TO PHYSICAL DAMAGE: EMT
- 5. INDOORS, EXPOSED TO PHYSICAL DAMAGE (EXPOSED, BELOW 10'): RIGID STEEL OR IMC.
- 6. CONNECTIONS TO MOTORS AND TRANSFORMERS: LIQUID TIGHT FLEXIBLE METAL CONDUIT (LFMC)
- E. ALL FITTINGS MUST BE STEEL COMPRESSION TYPE OR STEEL SET SCREW TYPE.
- F. COMPLETED RACEWAY SYSTEMS SHALL BE REAMED AND SWABBED PRIOR TO CONDUCTOR INSTALL.

#### WIRING DEVICES

- A. STRAIGHT-BLADE-TYPE RECEPTACLES: COMPLY WITH NEMA WD 1, NEMA WD 6, DSCC W-C-596G, AND UL 498. CONFIGURATION 5-20R DUPLEX RECEPTACLE. HUBBELL HBL 5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- B. GFCI RECEPTACLES: STRAIGHT BLADE, FEED-THROUGH TYPE, GENERAL DUTY GRADE, WITH INTEGRAL NEMA WD 6, CONFIGURATION 5-20R DUPLEX RECEPTACLE; COMPLYING WITH UL 498 AND UL 943. DESIGN UNITS FOR INSTALLATION IN A 2-3/4-INCH- (70-MM-) DEEP OUTLET BOX WITHOUT AN ADAPTER. HUBBELL GF5352 OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- C. WALL SWITCHES: SINGLE AND DOUBLE-POLE SWITCHES: COMPLY WITH DSCC W-C-896F AND UL 20. HUBBELL WIRING DEVICE, KELLEMS 1220 SERIES OR EQUAL BY PASS & SEYMOUR OR LEVITON.
- D. WALL PLATES: PROVIDE STAINLESS STEEL WALL PLATES IN FINISHED AREAS
- E. WIRING DEVICE COLOR AS SELECTED BY ARCHITECT UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70.
- F. CONNECT WIRING DEVICE GROUNDING TERMINAL TO OUTLET BOX WITH BONDING JUMPER. USE OF QUICK GROUND STRAP OR SCREW IS NOT ACCEPTABLE.
- G. RECEPTACLES: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED. USE ADHESIVE LABEL WITH BLACK FILLED LETTERING ON FACE OF WALL PLATE, AND DURABLE WIRE MARKERS OR TAGS INSIDE OUTLET BOXES.
- H. CORD AND PLUG SETS: MATCH VOLTAGE AND CURRENT RATINGS AND NUMBER OF CONDUCTORS TO REQUIREMENTS OF EQUIPMENT BEING CONNECTED.
- 1. CORD: RUBBER-INSULATED, STRANDED-COPPER CONDUCTORS, WITH TYPE SOW-A JACKET; WITH GREEN-INSULATED GROUNDING CONDUCTOR AND EQUIPMENT-RATING AMPACITY PLUS A MINIMUM OF 30 PERCENT.
- 2. PLUG: NYLON BODY AND INTEGRAL CABLE—CLAMPING JAWS. MATCH CORD AND RECEPTACLE TYPE FOR CONNECTION.

#### ENCLOSED SWITCHES AND CIRCUIT BREAKERS

- A. FUSIBLE AND NON-FUSIBLE SWITCHES: NEMA KS 1, QUICK MAKE, QUICK-BREAK LOAD INTERRUPTER ENCLOSED KNIFE SWITCH TYPE HD, WITH CLIPS OR BOLT PADS TO ACCOMMODATE SPECIFIED FUSES (IF REQUIRED), EXTERNALLY OPERABLE LOCKABLE HANDLE WITH CAPABILITY TO ACCEPT TWO PADLOCKS, AND INTERLOCKED WITH COVER IN CLOSED POSITION. SQUARE D OR EQUAL.
- B. TOGGLE DISCONNECT SWITCH: HEAVY DUTY, 30A, 600 VOLT, DOUBLE OR THREE POLE AS REQUIRED, SINGLE THROW, MOTOR RATED SWITCH WITHOUT OVERLOAD PROTECTION. PROVIDE NEMA 1 ENCLOSURE AND PADLOCK ATTACHMENT.
- C. MOLDED—CASE CIRCUIT BREAKER: NEMA AB 1, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.

  THERMAL—MAGNETIC CIRCUIT BREAKER WITH INVERSE TIME—CURRENT ELEMENT FOR LOW—LEVEL OVERLOADS AND INSTANTANEOUS

MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT—BREAKER FRAME SIZES 250 A AND LARGER.

- D. MOLDED-CASE SWITCHES: MOLDED-CASE CIRCUIT BREAKER WITH FIXED, HIGH-SET INSTANTANEOUS TRIP ONLY, AND SHORT-CIRCUIT WITHSTAND RATING EQUAL TO EQUIVALENT BREAKER FRAME SIZE INTERRUPTING RATING.
- E. COMPLY WITH APPLICABLE PORTIONS OF NECA 1, NEMA PB 1.1, AND NEMA PB 2.1 FOR INSTALLATION OF ENCLOSED SWITCHES AND CIRCUIT BREAKERS.
- F. SET FIELD-ADJUSTABLE SWITCHES AND CIRCUIT-BREAKER TRIP AND TIME DELAY SETTINGS.
- G. LABEL EACH DISCONNECT WITH ENGRAVED METAL OR LAMINATED—PLASTIC NAMEPLATE MOUNTED WITH CORROSION—RESISTANT SCREWS. INDICATE SOURCE AND LOAD SERVED.

#### ENCLOSED CONTROLLERS

- A. ENCLOSURES: FLUSH-OR SURFACE-MOUNTING CABINETS AS INDICATED. NEMA 250, TYPE 1, UNLESS OTHERWISE INDICATED TO COMPLY WITH ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
- B. SELECT HORSEPOWER RATING OF CONTROLLERS TO SUIT MOTOR CONTROLLED.
- C. FOR CONTROL EQUIPMENT AT WALLS, BOLT UNITS TO WALL OR MOUNT ON LIGHTWEIGHT STRUCTURAL—STEEL CHANNELS BOLTED TO WALL. FOR CONTROLLERS NOT AT WALLS, PROVIDE FREESTANDING RACKS.
- D. INSTALL FREESTANDING EQUIPMENT ON CONCRETE BASES.
- E. ENCLOSED CONTROLLER FUSES: INSTALL FUSES IN EACH FUSIBLE SWITCH.
- F. SELECT AND INSTALL HEATER ELEMENTS IN MOTOR STARTERS TO MATCH INSTALLED MOTOR CHARACTERISTICS.
- G. IDENTIFY ENCLOSED CONTROLLER, COMPONENTS, WITH ENGRAVED METAL OR LAMINATED PLASTIC NAMEPLATE. IDENTIFY SOURCE AND LOAD SERVED.
- H. SET FIELD—ADJUSTABLE SWITCHES AND CIRCUIT—BREAKER TRIP RANGES.
- I. MANUAL CONTROLLER: NEMA ICS 2, GENERAL PURPOSE, CLASS A, WITH "QUICK—MAKE, QUICK—BREAK" TOGGLE OR PUSHBUTTON ACTION, MARKED TO SHOW WHETHER UNIT IS "OFF," "ON," OR "TRIPPED." AND OVERLOAD RELAY.
- J. MAGNETIC CONTROLLER: NEMA ICS 2, CLASS A, FULL VOLTAGE, NONREVERSING, ACROSS THE LINE, UNLESS OTHERWISE INDICATED.
- 1. CONTROL CIRCUIT: 120 V; OBTAINED FROM INTEGRAL CONTROL POWER TRANSFORMER WITH SUFFICIENT CAPACITY TO OPERATE CONNECTED PILOT, INDICATING AND CONTROL DEVICES, PLUS 100 PERCENT SPARE CAPACITY.
- 2. OVERLOAD RELAY: AMBIENT—COMPENSATED TYPE WITH INVERSE—TIME—CURRENT CHARACTERISTIC AND NEMA ICS 2, CLASS 20 TRIPPING CHARACTERISTIC. PROVIDE WITH HEATERS OR SENSORS IN EACH PHASE MATCHED TO NAMEPLATE FULL—LOAD CURRENT OF SPECIFIC MOTOR TO WHICH THEY CONNECT AND WITH APPROPRIATE ADJUSTMENT FOR DUTY CYCLE.
- K. COMBINATION MAGNETIC CONTROLLER: FACTORY—ASSEMBLED COMBINATION CONTROLLER AND DISCONNECT SWITCH.
- 1. FUSIBLE DISCONNECTING MEANS: NEMA KS 1, HEAVY—DUTY, FUSIBLE SWITCH WITH REJECTION—TYPE FUSE CLIPS RATED FOR FUSES. SELECT AND SIZE FUSES TO PROVIDE TYPE 2 PROTECTION ACCORDING TO IEC 947—4—1, AS CERTIFIED BY AN NRTL. L. ACCESSORIES:
- 1. DEVICES SHALL BE FACTORY INSTALLED IN CONTROLLER ENCLOSURE, UNLESS OTHERWISE INDICATED.
- 2. PUSH-BUTTON STATIONS, PILOT LIGHTS: NEMA ICS 2, HEAVY-DUTY TYPE.
- INDICATING LIGHTS: RUN (RED), OFF OR READY (GREEN).
   AUXILIARY CONTACTS: PROVIDE TWO NORMALLY OPEN (N.O.) AND TWO NORMALLY CLOSED (N.C.) CONTACTS.
- 5. SELECTOR SWITCH: NEMA ISC 2, MOUNTED IN FRONT COVER TO READ "HAND/OFF/AUTO," PROVIDE AUXILIARY CONTACT FOR AUTO POSITION MONITORING.
- 6. CONTROL RELAYS: AUXILIARY AND ADJUSTABLE TIME—DELAY RELAYS.

CLIENT:



126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238

DESIGN MANAGEMENT PROFESSIONAL:

SD **Siino** Design

16616 EAST PALISADES BOULEVARD
UNIT #102
FOUNTAIN HILLS, ARIZONA 85268
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ENGINEERING CONSULTANT:

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

VERIZON WIRELESS RF ENGINEER

CONSTRUCTION MANAGER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

SCHEDULE OF REVISIONS

NO DATE DESCRIPTION BY

4 05/21/17 UPDATED CABINET CMS

3 12/02/16 COMMENTS CMS

2 11/10/16 CHANGED POLE TYPE CMS

SITE NAME:
AZ5 ANTHEM-SCHOOL 3 SC

08/26/15 RE COMMENTS

SITE ADDRESS:

N. OF ANTHEM WAY ON SUN CITY BLVD.

FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**ELECTRICAL NOTES** 

SHEET NUMBER:

#### PANELBOARDS

- A. COORDINATE LAYOUT AND INSTALLATION OF PANELBOARDS AND COMPONENTS WITH OTHER CONSTRUCTION THAT PENETRATES WALLS OR IS SUPPORTED BY THEM, INCLUDING ELECTRICAL AND OTHER TYPES OF EQUIPMENT, RACEWAYS, PIPING, AND ENCUMBRANCES TO WORKSPACE CLEARANCE REQUIREMENTS.
- B. COMPLIANCE WITH REQUIREMENTS PROVIDE PRODUCTS BY GE, SIEMENS OR ENGINEER APPROVED EQUAL.
- C. PHASE AND GROUND BUSES SHALL BE HARD-DRAWN COPPER, 98 PERCENT CONDUCTIVITY.
- D. SHORT-CIRCUIT RATING: FULLY RATED TO INTERRUPT SYMMETRICAL SHORT-CIRCUIT CURRENT AVAILABLE AT TERMINALS.
- E. ALL LUGS AND CONNECTORS SHALL BE RATED FOR 75°C MINIMUM.
- F. INSTALL PANELBOARDS AND ACCESSORIES ACCORDING TO NEMA PB 1.1.
- G. MOUNT TOP OF TRIM 74 INCHES (1880 MM) ABOVE FINISHED FLOOR, UNLESS OTHERWISE INDICATED.
- H. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS FROM RECESSED PANELBOARD INTO ACCESSIBLE CEILING SPACE OR SPACE DESIGNATED TO BE CEILING SPACE IN THE FUTURE. STUB FOUR 1-INCH (27-GRC) EMPTY CONDUITS INTO RAISED FLOOR SPACE OR BELOW SLAB NOT ON GRADE.
- I. CREATE A DIRECTORY TO INDICATE INSTALLED CIRCUIT LOADS AFTER BALANCING PANELBOARD LOADS OR CREATED BY RETROFITTING. OBTAIN APPROVAL BEFORE INSTALLING. USE A COMPUTER OR TYPEWRITER TO CREATE DIRECTORY; HANDWRITTEN DIRECTORIES ARE NOT ACCEPTABLE. COORDINATE FINAL DIRECTORY ROOM NAMES AND NUMBERS WITH (OWNER) (FACILITY ENGINEER).
- J. PANELBOARD NAMEPLATES: LABEL EACH PANELBOARD WITH ENGRAVED METAL OR LAMINATED—PLASTIC NAMEPLATE MOUNTED WITH CORROSION—RESISTANT SCREWS. IDENTIFY SOURCE FED FROM.
- K. LOAD BALANCING: AFTER SUBSTANTIAL COMPLETION, BUT NOT MORE THAN 60 DAYS AFTER FINAL ACCEPTANCE, MEASURE LOAD BALANCING AND MAKE CIRCUIT CHANGES.
- L. ON COMPLETION OF INSTALLATION, INSPECT INTERIOR AND EXTERIOR OF PANELBOARDS. REMOVE PAINT SPLATTERS AND OTHER SPOTS. VACUUM DIRT AND DEBRIS; DO NOT USE COMPRESSED AIR TO ASSIST IN CLEANING. REPAIR EXPOSED SURFACES TO MATCH ORIGINAL FINISH.
- M. LIGHTING AND APPLIANCE BRANCH—CIRCUIT PANELBOARDS

  1. BRANCH OVERCURRENT PROTECTIVE DEVICES: BOLT—ON CIRCUIT BREAKERS, REPLACEABLE WITHOUT DISTURBING ADJACENT UNITS.
- N. MOLDED-CASE CIRCUIT BREAKERS: UL 489, WITH INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.
- 1. THERMAL-MAGNETIC CIRCUIT BREAKERS: INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS, AND INSTANTANEOUS MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER WITH RESTRICTED ACCESS COVER.
- O. MOLDED-CASE CIRCUIT-BREAKER FEATURES AND ACCESSORIES:

  1. LUGS: MECHANICAL STYLE, SUITABLE FOR NUMBER, SIZE, TRIP
- RATINGS, AND CONDUCTOR MATERIALS.

  2. APPLICATION LISTING: APPROPRIATE FOR APPLICATION; TYPE SWD FOR SWITCHING FLUORESCENT LIGHTING LOADS; TYPE HACR FOR HEATING, AIR—CONDITIONING, AND REFRIGERATING EQUIPMENT.
- 3. GROUND-FAULT PROTECTION: INTEGRALLY MOUNTED RELAY AND TRIP UNIT WITH ADJUSTABLE PICKUP AND TIME-DELAY SETTINGS, PUSH-TO-TEST FEATURE, AND GROUND-FAULT INDICATOR.
- 4. SHUNT TRIP: 120-V TRIP COIL ENERGIZED FROM SEPARATE CIRCUIT, SET TO TRIP AT 75 PERCENT OF RATED VOLTAGE.
- 5. DO NOT USE TANDEM CIRCUIT BREAKERS.
  6. PROVIDE LOCK ON DEVICES FOR CIRCUIT BREAKERS WHEN CALLED
- OUT ON PANEL SCHEDULES WITH "LOD" DESIGNATION.

  7. PROVIDE GROUND FAULT INTERRUPT 5MA CIRCUIT BREAKER WHEN CALLED OUT ON PANEL SCHEDULES WITH "GFI" DESIGNATION.
- 8. PROVIDE SHUNT TRIP BREAKERS WHEN CALLED OUT ON PANEL SCHEDULES WITH "STB" DESIGNATION.
- P. ENCLOSURES: MOUNTING AS NOTED ON PANEL SCHEDULES.

  NEMA PB 1, RATED FOR ENVIRONMENTAL CONDITIONS AT INSTALLED LOCATION.
- a. INDOOR DRY LOCATIONS: NEMA 250, TYPE 1.
- b. OUTDOOR LOCATIONS: NEMA 250, TYPE 3R.
- c. OTHER WET OR DAMP INDOOR LOCATIONS: NEMA 250, TYPE 4.
   1. CABINET FRONT: FLUSH OR SURFACE CABINET AS NOTED ON THE DRAWINGS, WITH FRONT WITH CONCEALED TRIM CLAMPS, PIANO TYPE HINGED DEAD FRONT COVER, HINGED DOOR, AND FLUSH LOCK ALL KEYED ALIKE.
- 2. DIRECTORY CARD: WITH TRANSPARENT PROTECTIVE COVER, MOUNTED IN METAL FRAME, INSIDE PANELBOARD DOOR.

#### TVSS

A. TRANSIENT VOLTAGE SURGE SUPPRESSION MUST MEET UL 1449 CLASS CM 80,000A PER PHASE, PARALLEL CONNECTION, INTERNAL DISCONNECT AND FUSING, WIRED WITH (WELDING OR BRAIDED)
MULTI-CONDUCTOR WIRING, NO FERROUS CONDUIT, MAX LEAD
LENGTHS 10'-0" AND SEPARATE GROUND, AS WELL AS GROUND TO
NEUTRAL FOR EQUIPMENT (PANELS, ETC) LIEBERT, UNITED POWER,
LEA DYNATEC OR ENGINEER APPROVED EQUAL. PROVIDE WITH THREE
MODES OF PROTECTION: PHASE TO PHASE, PHASE TO GROUND,
NEUTRAL TO GROUND.

#### <u>FUSES</u>

- A. OBTAIN FUSES FROM A SINGLE MANUFACTURER
- B. COORDINATE FUSE RATINGS WITH UTILIZATION EQUIPMENT NAMEPLATE LIMITATIONS OF MAXIMUM FUSE SIZE.
- C. EXAMINE UTILIZATION EQUIPMENT NAMEPLATES AND INSTALLATION INSTRUCTIONS. INSTALL FUSES OF SIZES AND WITH CHARACTERISTICS APPROPRIATE FOR EACH PIECE OF EQUIPMENT.
- D. INSTALL LABELS INDICATING FUSE REPLACEMENT INFORMATION ON INSIDE DOOR OF EACH FUSED SWITCH.
- E. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY COOPER BUSSMAN, INC. OR EQUAL.
- F. CARTRIDGE FUSES: NEMA FU 1, NONRENEWABLE CARTRIDGE FUSE; CLASS AND CURRENT RATING INDICATED; VOLTAGE RATING CONSISTENT WITH CIRCUIT VOLTAGE.
- 1. SERVICE ENTRANCE: CLASS L, TIME DELAY.
- FEEDERS: CLASS RK5 TIME DELAY.
   MOTOR BRANCH CIRCUITS: CLASS RK1, TIME DELAY.
- 4. OTHER BRANCH CIRCUITS: CLASS RKI, TIME DELAY.
- G. COMPLY WITH:
- 1. NEMA FU 1 LOW VOLTAGE CARTRIDGE FUSES.
- 2. NFPA 70 NATIONAL ELECTRICAL CODE.
  3. UL 198C HIGH—INTERRUPTING—CAPACITY FUSES,
- CURRENT-LIMITING TYPES.
- 4. UL 198E CLASS R FUSES. 5. UL 512 — FUSEHOLDERS

#### <u>LIGHTING</u>

- A. PROVIDE LIGHTING FIXTURES AS INDICATED ON DRAWINGS.
- B. INSTALL BALLASTS, AND SPECIFIED ACCESSORIES AT FACTORY. INSTALL LAMPS ON PROJECT SITE AFTER FIXTURE INSTALLATION.
- C. FIXTURES: SET LEVEL, PLUMB, AND SQUARE WITH CEILINGS AND WALLS. INSTALL LAMPS IN EACH FIXTURE.
- D. SUPPORT LUMINAIRES INDEPENDENT OF CEILING FRAMING. SUPPORT RECESSED GRID LUMINARIES FROM TWO OPPOSITE CORNERS DIRECTLY TO STRUCTURE. WIRE OR ROD SHALL HAVE BREAKING STRENGTH OF THE WEIGHT OF FIXTURE AT A SAFETY FACTOR OF 3.
- E. INSTALL SURFACE MOUNTED LUMINAIRES AND EXIT SIGNS PLUMB AND ADJUST TO ALIGN WITH BUILDING LINES AND WITH EACH OTHER. SECURE TO PROHIBIT MOVEMENT.
- F. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS ACCORDING TO MANUFACTURER'S PUBLISHED TORQUE—TIGHTENING VALUES. IF MANUFACTURER'S TORQUE VALUES ARE NOT INDICATED, USE THOSE SPECIFIED IN UL 486A AND UL 486B.
- G. MAKE WIRING CONNECTIONS TO BRANCH CIRCUIT USING BUILDING WIRE WITH INSULATION SUITABLE FOR TEMPERATURE CONDITIONS WITHIN LUMINAIRE.
- H. BOND PRODUCTS AND METAL ACCESSORIES TO BRANCH CIRCUIT EQUIPMENT GROUNDING CONDUCTOR.
- I. CONNECT LUMINAIRES TO BRANCH CIRCUIT OUTLET BOXES PROVIDED UNDER RACEWAYS AND BOXES SECTION USING 1/2" FLEXIBLE CONDUIT.
- J. CLEAN ELECTRICAL PARTS TO REMOVE CONDUCTIVE AND DELETERIOUS MATERIALS.
- K. REMOVE DIRT AND DEBRIS FROM ENCLOSURES AND LENSES.
- L. CLEAN FINISHES AND TOUCH UP DAMAGE.
- M. PROVIDE PROGRAM RAPID START ELECTRONIC BALLASTS FOR LINEAR LAMPS: COMPLY WITH NEMA C82.11; SOUND RATING A OR BETTER; TOTAL HARMONIC DISTORTION RATING OF LESS THAN 20%; OPERATING FREQUENCY: 25 KHZ OR HIGHER, AND OPERATE WITHOUT VISIBLE FLICKER; LAMP CURRENT CREST FACTOR LESS THAN 1.7; POWER FACTOR SHALL BE 90% MINIMUM; BALLAST FACTOR SHALL BE .875 TO 1.00.
- N. FLUORESCENT LAMPS: COMPLY WITH FEDERAL TOXIC CHARACTERISTIC LEACHING PROCEDURE TEST, AND YIELD LESS THAN 0.2 MG OF MERCURY PER LITER, WHEN TESTED ACCORDING TO NEMA LL 1. PROVIDE FLUORESCENT LAMPS BY OSRAM SYLVANIA, PHILLIPS OR GENERAL ELECTRIC. TYPE AND COLOR TEMPERATURE AS SCHEDULED.

#### ABBREVIATION DESCRIPTION AMPERES ΑF AMPERES FRAME (BREAKER RATING) A.F.F. ABOVE FINISH FLOOR AIC AMPS INTERRUPTING CAPACITY AUDIENCE LEFT ΑН AMPERE HOURS AR AUDIENCE RIGHT ΑТ AMPERES TRIP (BREAKER SETTING) ATS AUTOMATIC TRANSFER SWITCH AUX AUXILIARY AWG AMERICAN WIRE GAUGE BKR BREAKER BPS BOLTED PRESSURE SWITCH CONDUIT

CB CIRCUIT BREAKER
CKT CIRCUIT
CT CURRENT TRANSFORMER
DEMO DEMOLITION
DIM DIMENSION
DISC DISCONNECT
DP DISTRIBUTION PANEL
DS DOWNSTAGE

DWG DRAWING

EC ELECTRICAL CONTRACTOR

EGB EXTERIOR GROUND BUS

ELEC ELECTRICAL

EM / EMERG EMERGENCY

EME ELECTROMAGNETIC ENERGY

EMT ELECTRICAL METALLIC TUBING

EO ELECTRICALLY OPERATED

EWC ELECTRIC WATER COOLER

EXIST. / (E) EXISTING

XP EXPLOSION PROOF

FA FIRE ALARM

FLA FULL LOAD AMPS

FLR FLOOR

FOH FRONT OF HOUSE

FU FUSE

G/GRD/FG GROUND

G/GRD/EG GROUND

GFCI GROUND FAULT CIRCUIT INTERRUPTER

HOA HAND-OFF-AUTO
HVAC HEATING, VENTILATION AND AIR CONDITIONING EQUIP.
HP HORSEPOWER

HV HIGH VOLTAGE
HZ HERTZ
IG ISOLATED GROUND
IGZ ISOLATED GROUND ZONE

IPGB INTERNAL PERIMETER GROUND BUS CONDUCTOR/HALO
JB JUNCTION BOX

KV KILOVOLT

KVA KILOVOLT — AMPERES

KW KILOWATT

KWH KILOWATT — HOURS

LA LIGHTNING ARRESTOR

LP LIGHTING PANEL

LP LIGHTING PANEL

LDP LIGHTING DISTRIBUTION PANEL

LPG LIQUEFIED PROPANE GAS

LTV LET—THROUGH VOLTAGE

LVLD LOW-VOLTAGE LOAD DISCONNECT
MAX MAXIMUM
MCB MAIN CIRCUIT BREAKER
MCC MOTOR CONTROL CENTER

MCC MOTOR CONTROL CENTER

MDP MAIN DISTRIBUTION PANEL

MECH MECHANICAL

MGB MASTER GROUND BUS

MIN MINIMUM
MISC. MISCELLANEOUS
MLO MAIN LUGS ONLY
MTD MOUNTED
MTG MOUNTING

NIU NETWORK INTERFACE UNIT
N NEUTRAL
NC NORMALLY CLOSED
NEC NATIONAL ELECTRICAL CODE

ON CENTER

NF NON-FUSIBLE
NIC NOT IN CONTRACT
NL NIGHT LIGHT
NO NORMALLY OPEN
NTS NOT TO SCALE

OC

OFCI OWNER FURNISHED, CONTRACTOR INSTALLED

P POLE
PB PUSHBUTTON STATION

PH PHASE

PXFMR POTENTIAL TRANSFORMER

PDP POWER DISTRIBUTION PANEL

RECEPT. RECEPTACLE DISTRIBUTION PANEL

RP RECEPTACLE DISTRIBUTION
RP RECEPTACLE PANEL
(R) RELOCATED

RSC RIGID STEEL CONDUIT

SCHED SCHEDULE

SERVICE DISCONNECT SWIT

SD SERVICE DISCONNECT SWITCH
SES SERVICE ENTRANCE SECTION

SN SOLID NEUTRAL

SGB SHELTER GROUND BUS / SUB-STATION GROUND BUS

SPD SURGE PROTECTION DEVICE
SW SWITCH

SWBD SWITCHBOARD
SWGR SWITCHGEAR
TP TAMPER PROOF
TB TERMINAL BOX
TELECOM TELECOMMUNICATIONS

TTB TELECOMMONICATIONS

TELEPHONE TERMINAL BACKBOARD

TGB TOWER GROUND BAR
TYP TYPICAL
XFMR / TR TRANSFORMER

TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR

U/G UNDERGROUND
UE UNDERGROUND ELECTRICAL
UT UNDERGROUND TELCO

U.O.N. UNLESS OTHERWISE NOTED
US UPSTAGE

V VOLTS
VSWR VOLTAGE STANDING WAVE RATIO
W WIRE

WP WEATHERPROOF - NEMA 3R

## ELECTRICAL SYMBOLS LIST (NOT ALL MAY BE USED)

TEST WELL/GROUND ROD
GROUND ROD - 5/8" x 10' COPPER CLAD
MECHANICAL CONNECTION
EXOTHERMIC WELD CONNECTION

GROUNDING WIRE

GROUND BAR
SURGE SUPPRESSOR GROUND BAR

METER AND MAIN BREAKER

MANUAL XFR SWITCH AND GEN. RECPT.

FUSED DISCONNECT SWITCH

TELCO BOARD

ELECTRICAL POWER

FIBER LINE

SURFACE MOUNTED PANEL BOARD.

#### 1-LINE DIAGRAM

CIRCUIT BREAKER, FIXED MOUNTED.

CIRCUIT BREAKER, DRAWOUT MOUNTING.

FUSIBLE SWITCH. SIZE AS INDICATED ON DRAWINGS.

FUSIBLE SWITCH. SIZE AS INC

BE

DISTRIBUTION TRANSFORMER

CURRENT TRANSFORMER

METERING DEVICE
PANELBOARD, MAIN LUG ONLY
PANELBOARD MAIN CIRCUIT BREA

PANELBOARD, MAIN CIRCUT BREAKER
 TRANSFER SWITCH — MANUAL OR AUTOMATIC

verizon v

CLIENT:

126 WEST GEMINI DRIVE TEMPE, ARIZONA 85293 PHONE: 480.752.7238 DESIGN MANAGEMENT PROFESSIONAL:

**SD Siino**Design

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WWW.SIINODESIGN.COM

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SITE ACQUISITION/PROPERTY

VERIZON WIRELESS RF ENGINEER

CONSTRUCTION MANAGER

LANDLORD APPROVAL

DRAWN BY: JNGO
CHECKED BY: CMS

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3 12/02/16 COMMENTS CMS
2 11/10/16 CHANGED POLE TYPE CMS

1 08/26/15 | RE COMMENTS

AZ5\_ANTHEM-SCHOOL\_3\_SC

site address: N. OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132

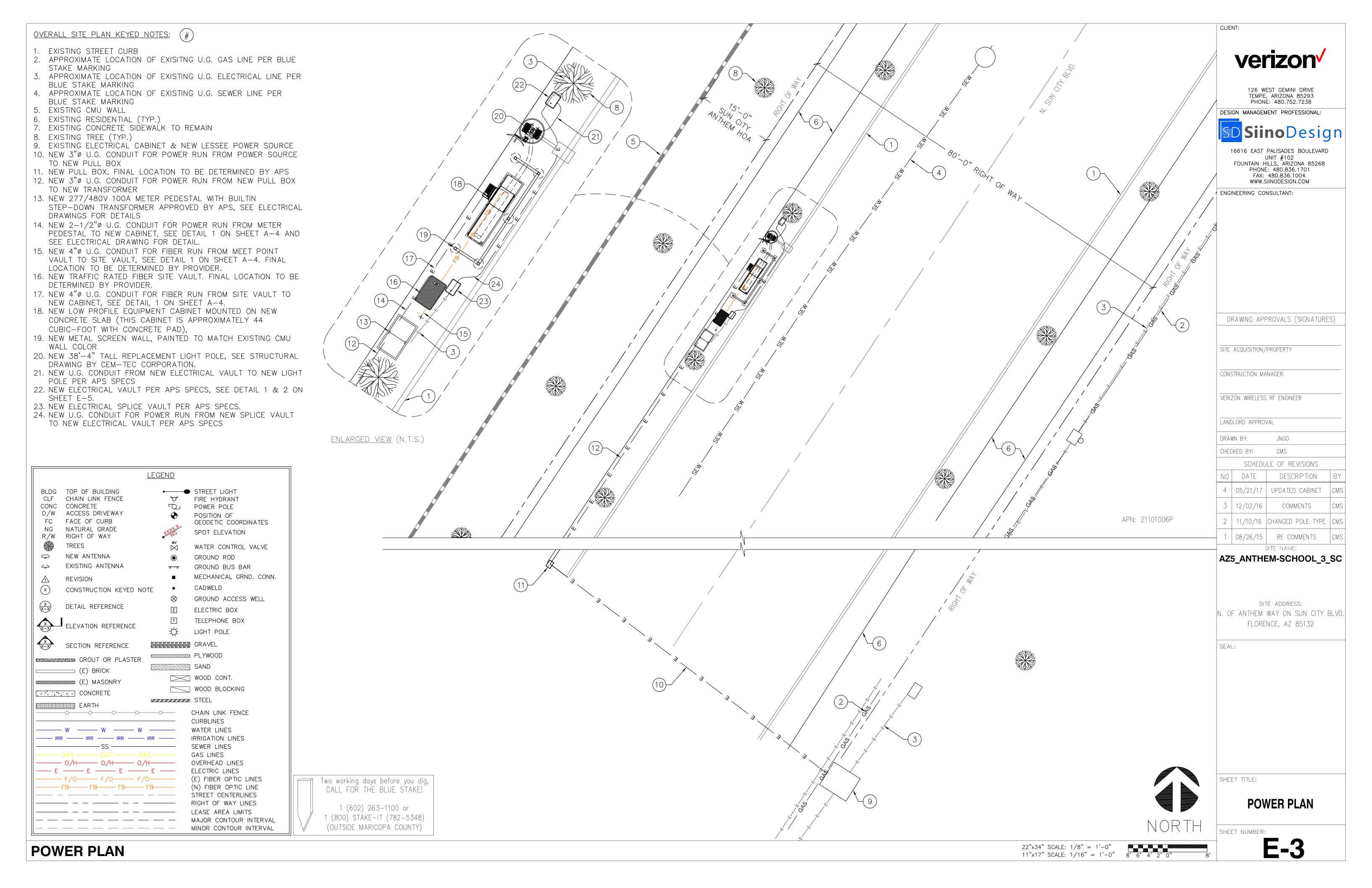
SEAL:

SHEET TITLE:

**ELECTRICAL NOTES** 

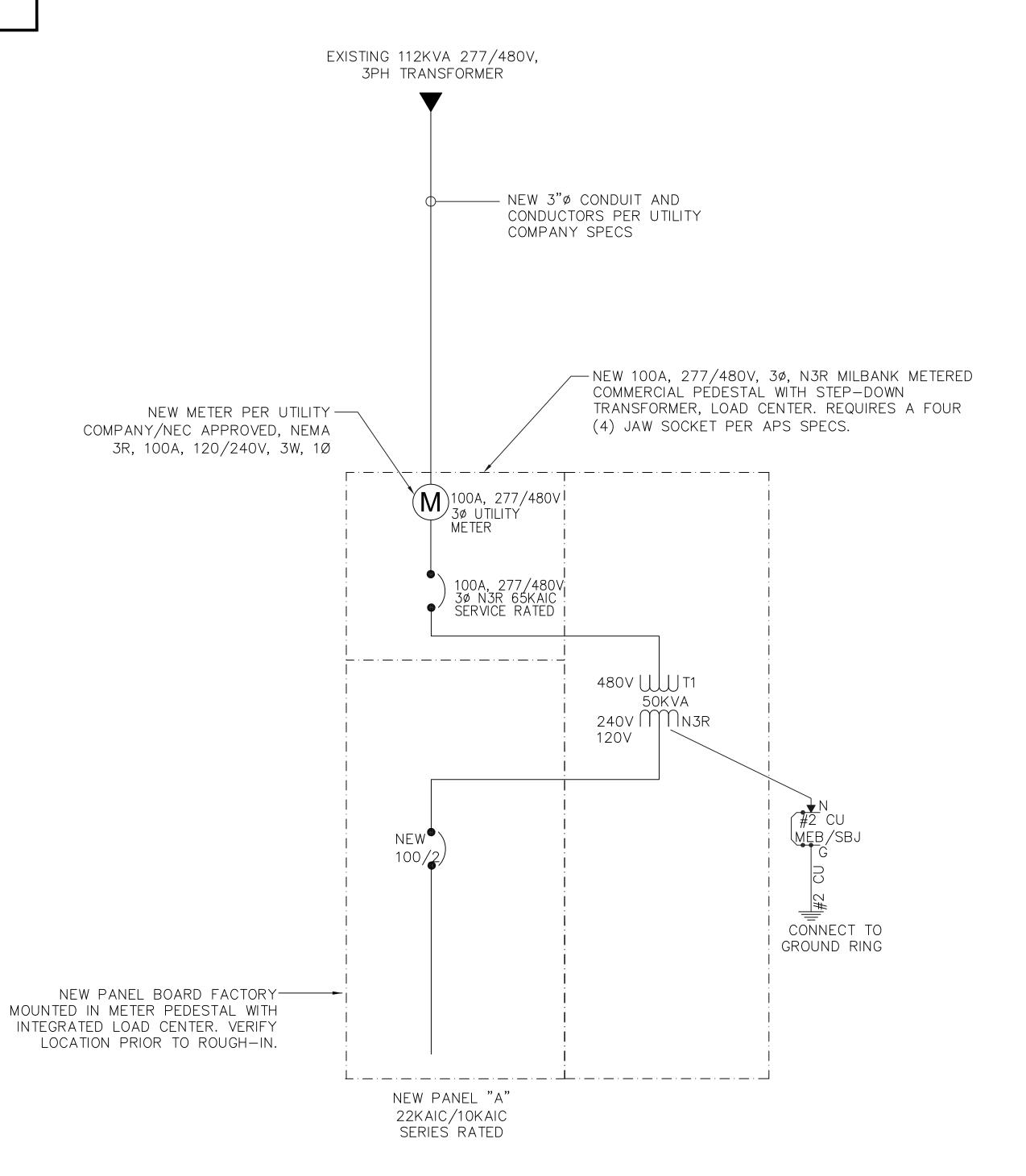
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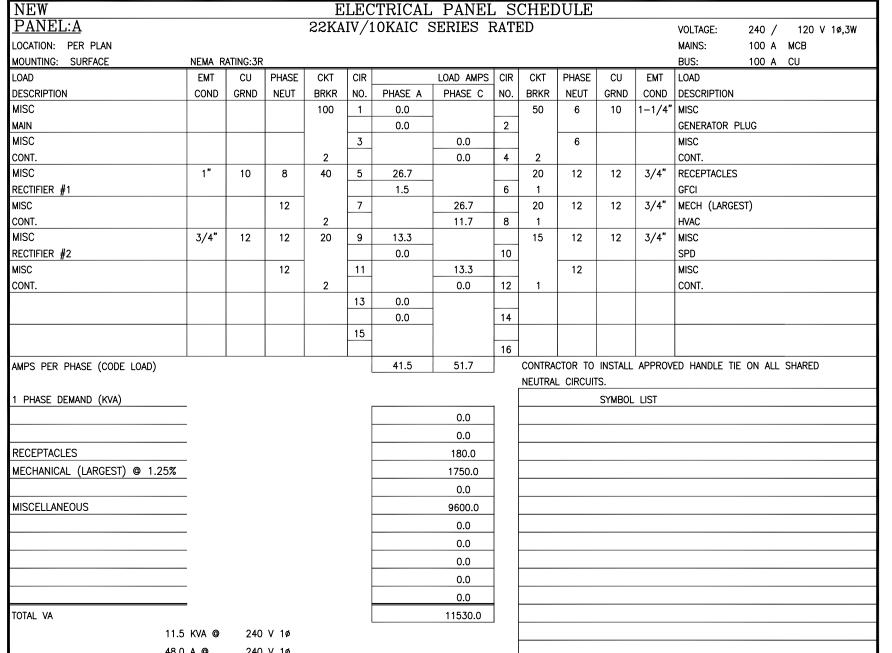
**E-2** 



#### NOTES:

- 1. PRE-CONSTRUCTION MEETING AND ELECTRICAL EASEMENT REQUIRED.
- 2. #6 COPPER WIRE AND GREATER SHALL BE (COPPER) THWN WIRE OR (COPPER) XHHW.
- 3. PRIOR TO RUNNING CONDUIT ROUTE —
  CONTRACTOR SHALL CONTACT THE VERIZON
  PROJECT MANAGER AND VERIFY THE
  EQUIPMENT CABINET LAYOUT CONFIGURATION
  AND ROUTE CONDUITS ACCORDINGLY.





## PANEL SCHEDULE

# FAULT CALCULATIONS FAULT AVAILABLE AT THE SERVICE: 22,000 AMPS RMS SYMM PER UTILITY CHART 120/240V, 1PH Panel A DISTANCE CONDUIT TYPE CONDUCTOR Fault Available L-L: 21,761A

CODE LOAD SUMMARY	
PANEL 'A' @ 240V =	40.0A

Telephone #:	e: <u>CLAUDIO RIOS</u> (623) 975–5808
Telephone Co	mpany: <u>TBD</u>
Representative Telephone #:	
releptione #.	
Submit drawi	ngs to Utility Company representative as requir al Notes included in the Electrical Drawings. Pr

Two working days before you dig,
CALL FOR THE BLUE STAKE!

1 (602) 263-1100 or
1 (800) STAKE-IT (782-5348)
(OUTSIDE MARICOPA COUNTY)

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CONSTRUCTION MANA	GER
VERIZON WIRELESS RF	ENGINEER
LANDLORD APPROVAL	
DRAWN BY:	JNGO

CHECKED BY: CMS

SCHEDULE OF REVISIONS

NO DATE DESCRIPTION B

NO DATE DESCRIPTION BY

4 05/21/17 UPDATED CABINET CMS

3 12/02/16 COMMENTS CMS

2 11/10/16 CHANGED POLE TYPE CMS

1 08/26/15 RE COMMENTS CMS

## AZ5\_ANTHEM-SCHOOL\_3\_SC

SITE ADDRESS:

N. OF ANTHEM WAY ON SUN CITY BLVD.

FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

ONELINE DIAGRAM & PANEL SCHEDULE

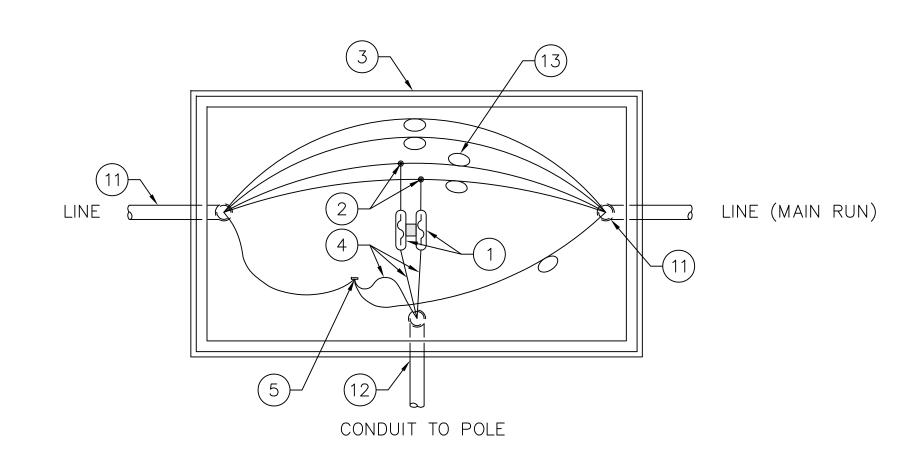
SHEET NUMBER:

E-4

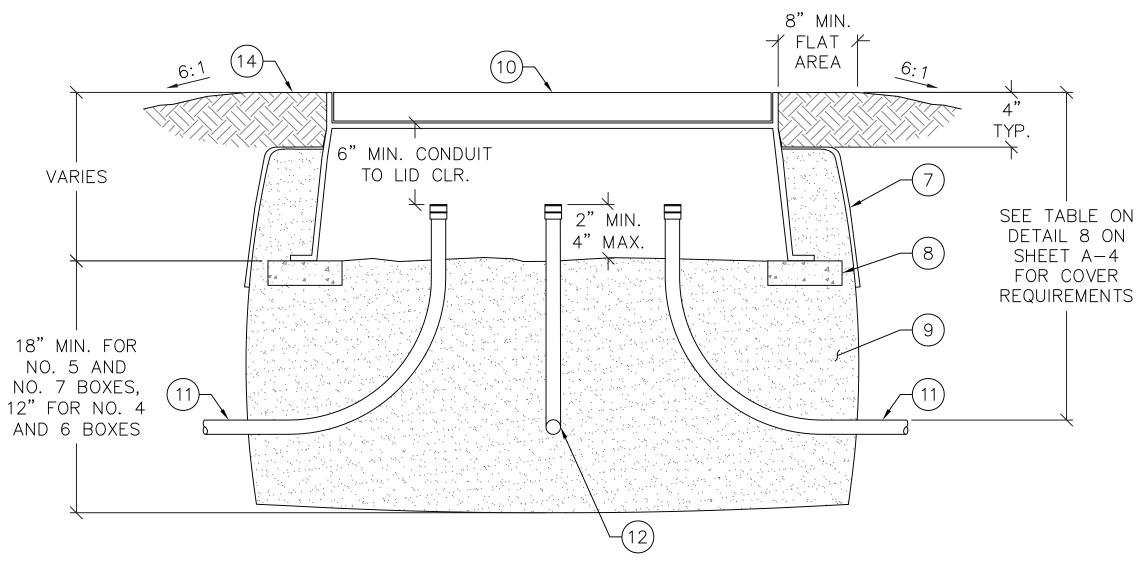
**ONE-LINE DIAGRAM** 

#### TYPICAL PULL BOX KEYED NOTES: (#)

- 1. DUAL IN-LINE FUSE HOLDER WITH APPROVED FUSE: (STREET LIGHT TYPE), SEE DETAIL 2 FOR DETAILS AND REQUIREMENTS
- 2. APPROVED SPLICE (PER ADOT STD. SPEC "MADE" CONNECTION), OR CONNECTION KIT, OR APPROVED UNDERGROUND WIRE CONNECTOR, SEE NOTE 8.
- 3. LD OR HD PULL BOX (COVER REMOVED FOR CLARITY)
- 4. #12 AWG STRANDED XHHW-2 INSULATED CONDUCTORS (OR LARGER SIZE OF NOTED ON PLANS)
- 5. GREEN XHHW-2 INSULATED EQUIPMENT BOND WITH APPROVED COPPER CRIMP CONNECTOR. STEEL LID INSTALLATION SHALL INCLUDE AN ADDITIONAL BOND WIRE CONNECTED TO THE LID.
- 6. CONDUIT END BELL (TYP.)
- 7. 30LB FELT ROOFING PAPER
- 8. CONCRETE BUILDING BLOCK (8" X 1-1/2" X 16")
- 9. CLASSED "A" CONCRETE AGGREGATE DESIGNATED ASHTO SIZE NO. 57. SUMP BOX DRAINAGE. OR EQUIVALENT GRAVEL MATERIAL.
- 10. NON-CONDUCTIVE PULL BOX LID
- 11. MAIN RUN CONDUIT NUMBER AND SIZE VARY BASED ON NEED, STD. SIZES ARE: 2" FOR LIGHTING, 3" FOR SIGNALS
- 12. BOX-TO-POLE CONDUIT, SIZE VARIES BASED ON NEED, STD. SIZES ARE 1" FOR LIGHTING, 2" FOR A POLES AND 3" FOR ALL OTHER SIGNAL POLES.
- 13. SEE NOTE 4 (TYP.)
- 14. FINISHED GRADE TO SLOPE AWAY FROM BOX FOR DRAINAGE PROVIDE COMPACTED BACKFILL AS NECESSARY



#### TYPICAL ROADWAY LIGHTING PULL BOX WIRING



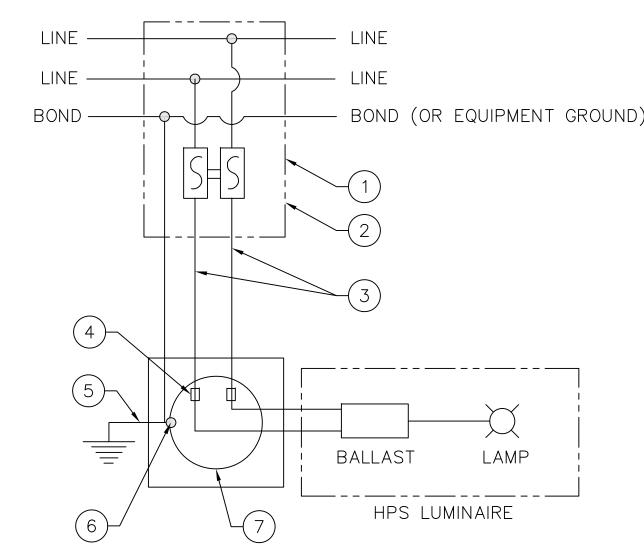
#### TYPICAL IN-GROUND PULL BOX INSTALLATION

#### NOTES:

- 1. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF SUBSECTION 203-5 OF THE ADOT STANDARD SPECIFICATIONS.
- 2. WHERE PULL BOXES ARE INSTALLED IN CONCRETE AREAS, THE BOX AND LID SHALL BE FLUSH WITH SIDEWALK SURFACE. SEE ADOT DETAIL T.S. 1—4 SHEET 3 OF 3 FOR DETAILS.
- 3. PULL BOXES IN NON-PAVED AREAS SHALL BE PROVIDED WITH A CONCRETE COLLAR IF SPECIFIED. SEE ADOT DETAIL T.S. 1-4 SHEET 3 OF 3 FOR DETAILS.
- 4. CONDUCTORS SHALL HAVE A MINIMUM OF 24" AND A MAXIMUM OF 36" TOTAL IN BOX SLACK FROM CONDUIT END BELLS.
- 5. CONDUIT ENDS SHALL HAVE A NOMINAL 6" TO 8" CLEARANCE FROM THE BOTTOM OF THE LID TO ALLOW FOR CONNECTORS AND SLACK WIRE. EXTENSIONS OR DEEPER BOXES SHALL BE USED AS NECESSARY TO MAINTAIN THIS CLEARANCE AND TO PROVIDE NEEDED VOLUME FOR CABLES, CONDUCTORS, AND CONNECTIONS.
- 6. CONDUIT END BELLS SHALL BE INSTALLED ON ALL CONDUITS PRIOR TO THE INSTALLATION OF CONDUCTORS AND CABLES.
- 7. INSTALLATION REQUIREMENTS FOR NO. 4 AND NO. 6 BOX WILL VARY.
- 8. THE APPROVED SPLICE SHALL BE THIRD PARTY CERTIFIED (UL486 OR EQUAL) FOR DAMP/WET LOCATIONS AND DIRECT BURIAL.
- 3. THE APPROVED SPLICE SHALL BE THIRD PARTY CERTIFIED (OL480 OR EQUAL) FOR DAMP, WET LOCATIONS. 9. SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 1—5 FOR CONDUIT REQUIREMENTS.

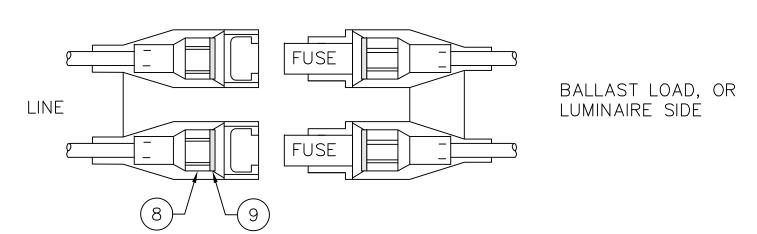
STREET LIGHT POLE WIRING DIAGRAM KEYED NOTES: (#)

- 1. PULL OR JUNCTION BOX
- 2. FUSE HOLDER (TYP.)
- 3. LOAD
- 4. ADDITIONAL IN-LINE BREAK-AWAY CONNECTORS IF POLE IS ON A BREAK-AWAY BASE (TYP.)
- 5. GROUND AT POLE FOUNDATION
- 6. POLE OR BASE BONDING LUG
- 7. POLE
- 8. CRIMP-ON CONNECTOR (TYP.)
- 9. SPRING (TYP.)
- 10. THIS SIDE OF THE CONNECTOR SHALL BE CLAMPED SECURE, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5 SERIES FOR MORE DETAILS
- 11. CRIMP CONNECTOR
- 12. THIS SIDE OF THE CONNECTOR SHALL BE LEFT FREE TO PULL OUT, SEE ADOT TRAFFIC SIGNALS AND LIGHTING STD. DRAWINGS DETAIL T.S. 5
  SERIES FOR MORE DETAILS



#### WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE

(240 SIDE OF 120/240 SINGLE PHASE) (480 SIDE OF 240/480 SINGLE PHASE)

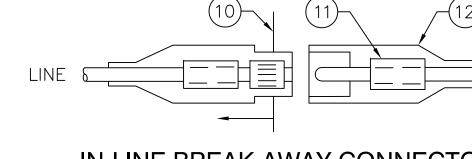


BALLAST LOAD, OR

LUMINAIRE SIDE

#### **DOUBLE-POLE BREAKAWAY**

(IN-LINE FUSE HOLDER WITH FUSE)



#### IN-LINE BREAK-AWAY CONNECTOR

(SEE NOTES, CONFIGURATION MAY VARY FROM WHAT IS SHOWN)

#### NOTES CONTINUED:

NOMINAL HPS LUMINAIRE WATTAGE

IN-LINE FUSE SIZES:

CLASS CC OR 5AG MIDGET

- 10. THIS DETAIL APPLIES ONLY TO HIGH—PRESSURE SODIUM (HPS) HORIZONTAL, VERTICAL, AND HIGH—MAST MOUNT LUMINAIRES THAT ARE ON STANDARD OR BREAK—AWAY POLES THAT DO NOT HAVE LOWERING DEVICES, UNLESS SPECIFIED OTHERWISE.
- 11. THE UN-FUSED IN-LINE CONNECTORS SHALL BE USED UNSIDE THE BREAK-WAY TRANSFORMER BASE. SEE T.S. 5 SERIES FOR ADDITIONAL REQUIREMENTS.
- 12. FUSED AND UN-FUSED IN-LINE CONNECTORS SHALL BE APPROVED, NON-LOCKING, MADE OF A FLEXIBLE MATERIAL THAT IS SUITABLE FOR ROADWAY LIGHTING APPLICATIONS PER THE CONDITIONS PRESENT.
- 13. CONNECTOR, FUSE HOLDERS, AND FUSES SHALL BE APPROVED.
- 14. THE IN-LINE FUSE SHALL BE SUITABLE AS A SUPPLEMENTARY OVER CURRENT PROTECTION DEVICE. IT SHALL BE A TIME-DELAY FUSE THAT SHALL HAVE A VOLTAGE RATING OF 600VAC. THE INTERRUPTION CURRENT RATING SHALL BE 100KA RMS SYMMETRICAL MINIMUM.
- 15. EACH INDIVIDUAL LUMINAIRE ON A SINGLE POLE SHOULD BE ON SEPARATE FEEDER CIRCUITS. EACH LUMINAIRE SHALL BE INDIVIDUALLY FUSED.
- 16. ADDITIONAL IN-LINE BREAKAWAY CONNECTIONS SHALL NOT BE PROVIDED ON STANDARD BASE POLES (NON-BREAK-AWAY)
- 17. TRAFFIC SIGNAL POLES WITHIN THE CLEAR ZONE ON BREAK-AWAY BASES SHALL BE FUSED IN SIMILAR FASHION.

OLILIVI.



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ENGINEERING CONSULTANT:

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

SCHEDULE OF REVISIONS

NO DATE DESCRIPTION

4 05/21/17 UPDATED CABINET CMS
3 12/02/16 COMMENTS CMS
2 11/10/16 CHANGED POLE TYPE CMS

#### AZ5\_ANTHEM-SCHOOL\_3\_SC

08/26/15 RE COMMENTS

SITE ADDRESS:

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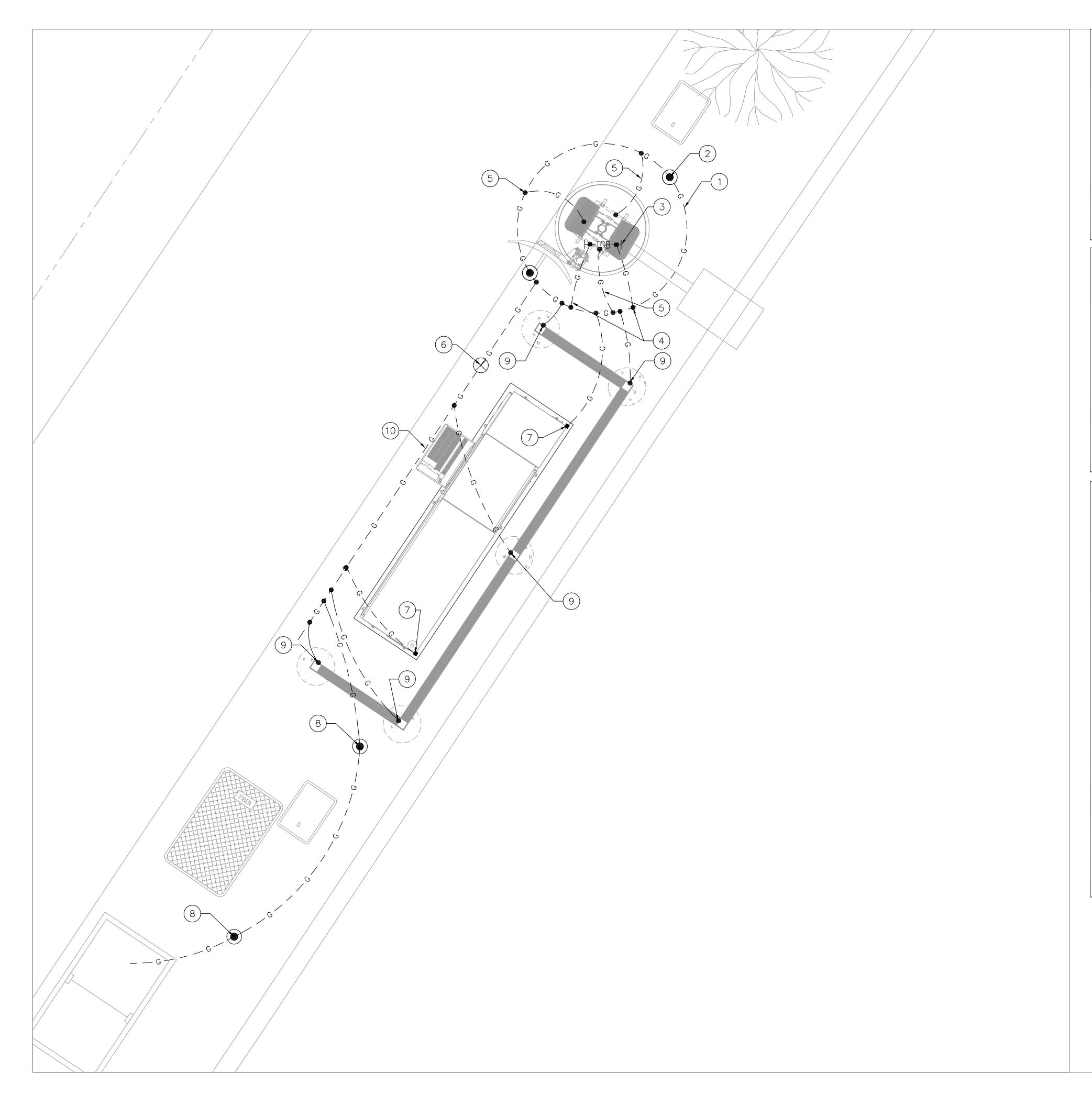
SEAL:

SHEET TITLE:

STREET LIGHT POLE WIRING DETAILS

SHEET NUME

**E-5** 



LEGEND:

TINNED SOLID ALLOY 110 COPPER POLE /ANTENNA BUS BAR BONDED TO MONOPOLE STEEL

5/8" DIA. x 10' COPPER CLAD GROUND ROD. REFER TO DETAIL 5 ON SHEET G-2

TEST WELL

———— GROUND RING

EXOTHERMIC WELD OR IRREVERSIBLE HIGH-COMPRESSION CRIMP

MECHANICAL CONNECTION



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DESIGN MANAGEMENT PROFESSIONAL:

## **Siino** Design

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ENGINEERING CONSULTANT:

#### GENERAL NOTES:

- 1. THESE DRAWINGS REPRESENT THE GENERAL EXTENT AND ARRANGEMENT OF SYSTEMS, BUT ARE NOT TO BE CONSIDERED FABRICATION DRAWINGS. COORDINATE WITH OTHER TRADES, AND PROVIDE EACH SYSTEM COMPLETE, INCLUDING ALL NECESSARY COMPONENTS, FITTINGS AND OFFSETS.
- 2. INSTALL SYSTEMS SUCH THAT REQUIRED CLEARANCE AND SERVICE ACCESS SPACE IS PROVIDED AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT, AND AROUND ANY COMPONENTS WHICH REQUIRE SERVICE ACCESS.
- 3. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL SYSTEMS.
- 4. REFER TO G-2 FOR GROUNDING DETAILS.
- 5. ALL METALLIC SURFACES SHALL BE PREPARED PRIOR TO BONDING, COLD GALV. SPRAY SHALL BE USED ON ANY EXOTHERMIC WELD TO PREVENT CORROSION, ANY AREA TO BE COLD GALV. SPRAY SHALL BE TAPED OFF PRIOR TO APPLICATION.

DRAWING APPROVALS (SIGNATURES)

SITE ACQUISITION/PROPERTY

CONSTRUCTION MANAGER

#### CONSTRUCTION NOTES: (#)

- 1. GROUNDING ELECTRODE CONDUCTOR SYSTEM (GROUND RING), #2 AWG SOLID BARE TINNED COPPER CONDUCTOR. GROUNDING ELECTRODÉ CONDUCTOR SHALL BE BURIED 30" BELOW GRADE WHERE APPLICABLE. ABOVE GRADE GROUNDING ELECTRODE CONDUCTOR TO BE ROUTED IN FLEXIBLE NON-METALLIC LIQUID TIGHT CONDUIT & FASTENED TO CONCRETE SURFACE EVERY 3' MAX. FASTENERS SHALL BE FLEXIBLE CONDUIT HALF STRAPS W/ 1/4"ø x 2" (L) RED HEAD HAMMER-SET NAIL DRIVE ANCHOR OR EQUIV.
- 2. 5/8" DIA. x 10' LONG COPPER CLAD GROUND ROD PLACED MINIMUM EVERY 10' APART. REFER TO DETAIL 3 ON SHEET G-2.
- 3. POLE GROUND BUS BAR. REFER TO DETAIL 5 ON SHEET G-2.
- 4. BOND POLE GROUND BUS BAR TO GROUND RING WITH #2 AWG SOLID TINNED BARE COPPER CONDUCTOR. BOND TO POLE GROUND BUS BAR DIRECTLY TO POLE STEEL. REFER TO DETAIL 5 ON SHEET G-2.
- 5. BOND POLE BASEPLATE (AT MANUFACTURER INSTALLED BONDING TAB) TO GROUND RING. UNDER NO CIRCUMSTANCES WILL EXOTHERMIC WELDING BE PERMITTED ON THE POLE SHAFT MEMBER, TYPICAL 3 LOCATIONS. REFER TO DETAIL 1 ON SHEET G-2.
- 6. BOND EQUIPMENT CABINET TO GROUND RING PER MANUFACTURER SPECS, SEE DETAIL 9 ON SHEET G-2.
- 7. APPROXIMATE LOCATION OF NEW TEST WELL, SEE DETAIL 7 ON SHEET G-2. FINAL LOCATION TO BE DETERMINED AT FIELD.
- 8. BOND SERVICE DISCONNECT TO INDEPENDENCE GROUND RODS, SEE DETAIL 3 ON SHEET G-2 AND ONELINE DIAGRAM ON SHEET E-4.
- 9. BOND METAL SCREEN SUPPORT POST TO GROUND RADIAL WITH #2 AWG SOLID BARE TINNED COPPER CONDUCTOR.
- 10. BOND #2 AWG SOLID BARE TINNED COPPER GROUND RADIAL TO POLE GROUND RING.

VERIZON WIRELESS RF ENGINEER

LANDLORD APPROVAL

DRAWN BY: JNGO

CHECKED BY: CMS

SCHEDULE OF REVISIONS DESCRIPTION 4 | 05/21/17 | UPDATED CABINET

3 | 12/02/16 | COMMENTS 2 | 11/10/16 | CHANGED POLE TYPE | CMS

1 08/26/15 RE COMMENTS SITE NAME:

## AZ5\_ANTHEM-SCHOOL\_3\_SC

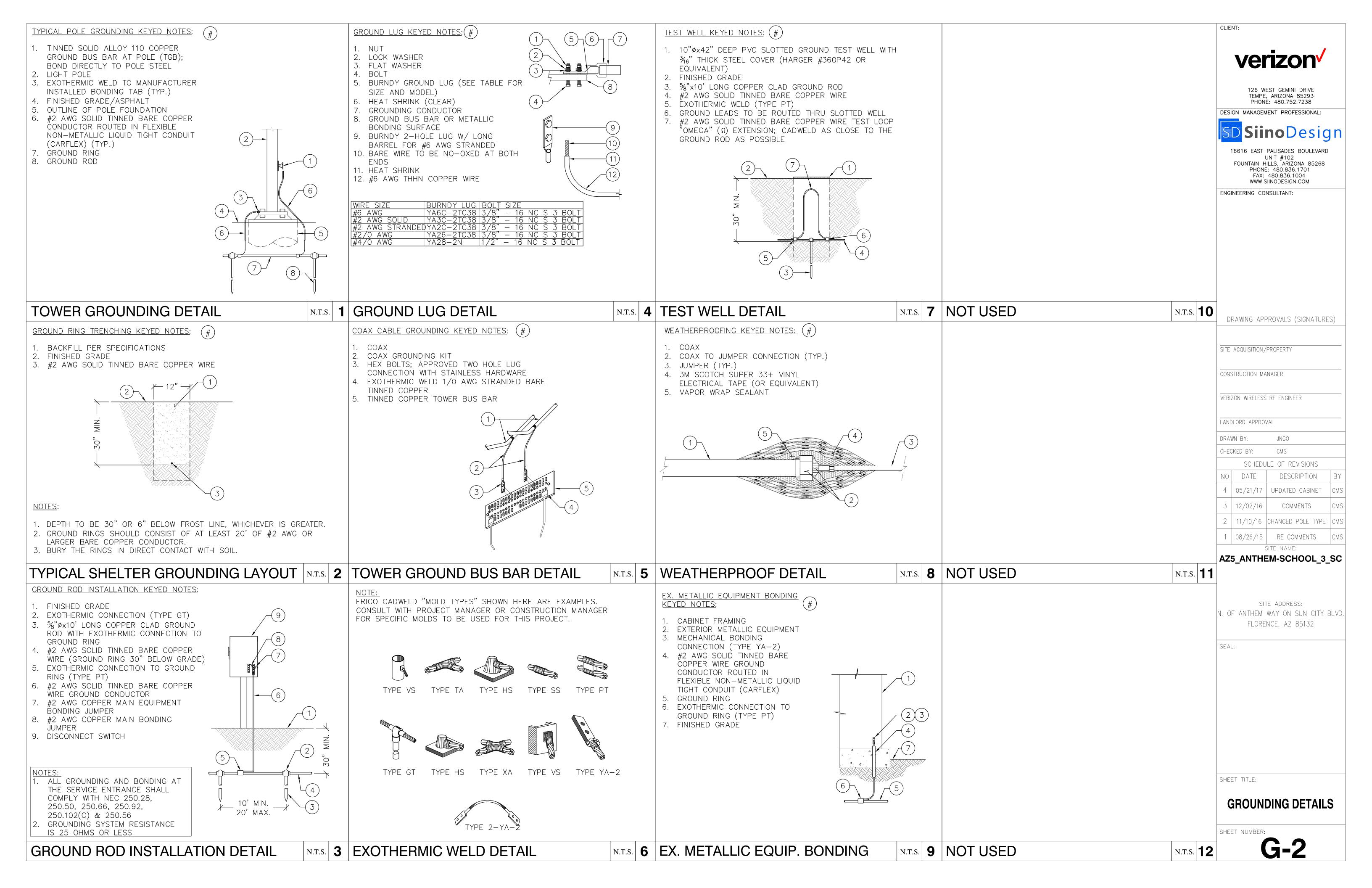
SITE ADDRESS: . OF ANTHEM WAY ON SUN CITY BLVD. FLORENCE, AZ 85132

SEAL:

SHEET TITLE:

**GROUNDING PLAN** 

SHEET NUMBER: **G-1** 



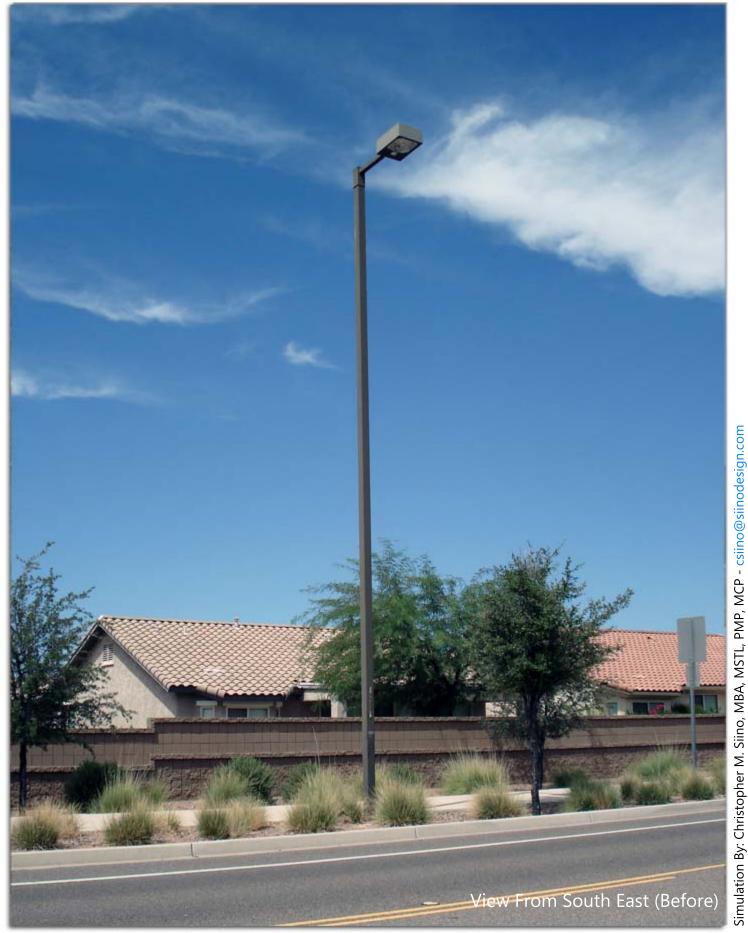




AZ5\_ANTHEM-SCHOOL\_3\_SC

North of Anthem Way on Sun City Blvd. Florence, Arizona 85132







AZ5\_ANTHEM-SCHOOL\_3\_SC

North of Anthem Way on Sun City Blvd. Florence, Arizona 85132







AZ5\_ANTHEM-SCHOOL\_3\_SC

North of Anthem Way on Sun City Blvd. Florence, Arizona 85132





## TOWN OF FLORENCE COUNCIL ACTION FORM

<u>AGENDA</u>	ľ	T	Έ	M
12a				

HOLINGED BAS	OCCITCIL ACTION TOKIM	124.	
MEETING DATE: Augu	ust 7, 2017	□ Action     □ Information Only	
<b>DEPARTMENT</b> : Admi	☐ Public Hearing ☐ Resolution		
STAFF PRESENTER:	Brent Billingsley, Town Manager	☐ Ordinance ☐ Regulatory	
	n entering into a Development Agreement LC, dba Innovation Pavilion	☐ 1 <sup>st</sup> Reading ☐ 2 <sup>nd</sup> Reading ☐ Other	
STRATEGIC PLAN REFERENCE: ☐ Community Vitality ☐ Economic Prosperity ☐ Leadership and Governance ☐ Partnership and Relationships ☐ Transportation and Infrastructure ☐ Statutory ☐ None			

#### **RECOMMENDED MOTION/ACTION:**

A motion directing staff to commence Development Agreement (DA) negotiations with Startup Pavilion, LLC, dba Innovation Pavilion, and other associated parties, that may enter into a DA with the Town of Florence for the proposed development of an innovation campus.

#### **BACKGROUND/DISCUSSION**:

Innovation Pavilion (IP) offers services that enhance a community's live, work, play environment by engaging niche entrepreneurial communities, developing municipal and corporate innovation projects, and increasing the available technical workforce through education. IP has innovation campuses in Centennial, CO; Parker, CO; and Olathe, KS. They seek to expand the number of campuses in communities located close to major metropolitan areas. IP is exploring the potential of establishing an innovation campus in Florence. The initial steps in establishing an innovation campus are to conduct a feasibility study with stakeholders, conduct an innovation audit with the Town, and hold community events during the first year.

Strong partnerships with cities and corporations are a key component of an innovation campus. Core services provided by IP include entrepreneurial programming, city innovation, corporate innovation, and education services. The services provided at each campus are tailored to the needs of the local community. The physical components of an innovation campus can include incubator/co-working space, corporate suites, makerspace, event center, retail, and housing.

IP submitted a Development Agreement Application to build a 200,000-square foot facility on Town-owned land north of the Florence Library and Community Center. The

Subject: Direction on DA with Startup Pavilion, LLC dba Innovation Pavilion Page 1 of 2

Meeting Date: August 7, 2017

facilities may include all or some of the physical components listed above depending on the outcome of the feasibility study. The parcel of land is in the Territory Square Zoning District.

#### A VOTE OF NO WOULD MEAN:

A No vote would mean staff would not commence negotiations with IP on a DA.

#### **A VOTE OF YES WOULD MEAN:**

A Yes vote would mean staff would commence negotiations with IP on a DA.

#### **FINANCIAL IMPACT:**

There is no financial impact with DA negotiations other than staff time.

#### **ATTACHMENTS:**

Development Agreement Application Project Site Plan

Subject: Direction on DA with Startup Pavilion, LLC dba Innovation Pavilion Meeting Date: August 7, 2017



We bring economic growth to suburban cities by creating LIVE, WORK, PLAY campuses layered with innovation services.

#### The idea

Innovation Pavilion is the product of over five years of global incubator/accelerator research by founder Vic Ahmed, a serial entrepreneur, angel investor and startup visionary. Innovation Pavilion borrows best practices from around the country to create an innovation campus model based on national best practices.

#### **Future**

Innovation Pavilion will launch 20 additional locations over the coming years in cities across America. Each building will replicate the existing model that calls for critical mass to create productive collisions. Members of this critical mass include entrepreneurs, startups, mentors, executives-in-transition, high growth companies, corporations, entrepreneurial and tech organizations, and economic development, and academic and government organizations.

#### **Ecosystem**

Innovative business ideas emerge in a dynamic setting that not only nourishes individual growth but allows for economic sustainability. To start a business and then survive in the larger economic environment depends on the immediate ecosystem in which ideas are formed. Innovation Pavilion is one of those ecosystems where driven entrepreneurs in technology, design, and business are in constant confluence with each other.

#### Collaboration partners

Collaboration is the key to a more efficient way to traverse the path from idea to success. The ability to convene organizations and individuals who can better guide an entrepreneur through the many hurdles that one faces can be a key difference. Innovation Pavilion, through its partner organizations, executive mentors and member companies, provides an excellent space for entrepreneurs to collaborate on their journey.

Collaboration is the key to a more efficient way to traverse the path from idea to success.









## Elements of Innovation Pavilion Campus Force Multiplier for Innovation



The Innovation Pavilion Campus model includes 8 physical elements that are critical to attracting the critical mass of like-minded people to ensure vibrancy in LIVE, WORK, PLAY innovation spaces.

#### Incubator/ Co-working Space

A physical place to convene the innovation community including students, entrepreneurs, corporations and investors.

#### **Corporate Suites**

Larger spaces for high-growth companies, and corporations to base in an innovation ecosystem with access to best-inclass programs to fill their innovation and talent pipeline.

#### **21st Century Library**

The "new" version of a City/ County Library for the model for publicly funded Libraries for providing best-in-class programmatic elements to leverage the new infrastructure provided by the Library.

#### Makerspace - Idea Zone

A series of labs and programming to learn to build products, robots and drones using 3D printers, laser engravers and other 'maker' equipment.

#### **Event Center**

A place to convene the community is essential to build a community allowing for social, professional and intellectual development programs.

#### **STEM School**

Science, Technology, Entrepreneurship and Mastery emphasizing project and problem learning, life and leadership skills, technical and entrepreneurial training, experiential learning and a lifelong path of education without "college debt".

#### Millennial Retail

Retail that appeals to millennial-minded thinkers; restaurants, bars, boutique retail and entertainment.

#### Millennial Housing

Modern, functional, high tech 300-400 sq ft housing units with large common and entertainment areas.



#### **Innovation Pavilion Programing**

#### **Entrepreneurial Programing**

#### **ENTREPRENEURIAL EVENTS**

Gathering the community is core to the Innovation Pavilion model, our ecosystem is not just the companies in the building. Our events bring together thought leaders, entrepreneurs, and the community to discuss topics ranging from education to security. Events include:

- Social events
- Social impact activities
- Thought leadership events
- Networking events

#### **CORPORATE CAMPUS**

The new model of corporate workspace is a multi-tenanted, Google-type campus that creates a space for open innovation and collaboration. Campus corporate anchors would be non-competing, high-growth companies interested in developing their technical workforce through a colocated STEM school. These corporations are looking to partner with innovation or emerging companies that fill a gap in their product or service offering.

#### **ACCESS TO FUNDING**

Access to funding is critical to the success of any enterprise. Innovation Pavilion offers structured programs to connect entrepreneurs with angel investors or venture capital (VC) firms with diverse funding sources. These programs include:

- Connect Now: provides guaranteed introductions to the right investors
- Keiretsu Forum: is the largest Angel Network in the United States
- Crowdfunding assistance programs
- Corporate pilot funding programs

#### **ADVISORY NETWORK**

Guidance from senior corporate executives and experienced entrepreneurs can help startup companies avoid pitfalls and better define their target product and service. Innovation Pavilion's Advisory Network coaches, guides, and mentors help companies by:

- Acting as a sounding board for ideas
- Clarifying and validating business plans
- Crafting and refining VC presentations
- Creating business models
- Prioritizing market opportunities and defining go-to market plans
- Connecting startups to Innovation Pavilion's network for business development

#### PREFERRED SERVICE PROVIDER NETWORK

Innovation Pavilion helps startups build their companies from ideas to funding. Many of them need assistance in different areas—marketing, finance, legal, and other professional services and products. As we work with startup companies, we identify services and products they need and refer them to our network of Preferred service providers.

#### MARKETING & PROMOTION FOR ENTREPRENEURS & INNOVATORS

Highlighting successes and developing message strategy for beginning companies is crucial to success for startup companies. Innovation Pavilion promotes the companies in our ecosystem to our network, multiplying their reach and ability to communicate.



#### **City Innovation Programing**

#### MILLENNIAL-FOCUSED REDEVELOPMENT

Innovation Pavilion's development plan works with city leadership to help create a LIVE, WORK, PLAY environment targeted at engaging and retaining millennials. Plan, Innovation Pavilion will start by analyzing the economic data, finding areas for improvement and increasing economic output. Next, Innovation Pavilion will work together with the city to identify measurable benchmarks and targets for economic improvement of neighborhoods. Finally, Innovation Pavilion will develop a detailed plan outlining additional revenue opportunities and using franchise concepts to improve the local economy.

#### **SMART CITY ANALYSIS**

The City Innovation Analysis begins with the roundtable and then works with each city department to inventory current practices, industry trends, and identify solutions to help increase each department's efficiency. The analysis includes:

- •City roundtable
- Department questionnaire
- Analysis by city Innovation team and partners
- Suggested SMART city projects
- Opportunity to develop a city innovation pilot program

#### **SMART CITY PROJECTS**

A SMART city creates an economy built on efficient use of technology. When Innovation Pavilion works with your city, we identify the largest problems you are trying to solve. We bring together our partners and project management team to implement SMART city projects. Areas of expertise include:

- Gigabit city
- Transportation & Mobility
- City-centric apps

#### **Corpoate Innovation Programing**

#### **CORPORATE PILOTS**

Corporate pilots are designed to help corporations solve core innovation challenges through lean startup methodologies, design thinking and agile processes. The pilot will be led by a team of corporate members serving as mentors and advisors, multiple cross-industry professionals and university and high school apprentices. The pilot topic will be discussed and agreed among the corporations involved, Innovation Pavilion and the industry professional identified to implement the pilot.

#### **ACCELERATOR 2.0**

Accelerator 2.0 is especially designed for emerging secondary stage companies that have a prototype and/or product and at least one customer. Our accelerator model is delivered in monthly sprints over the course of four months emphasizing four topics hypercritical to entrepreneurs looking to launch, scale and grow their businesses.

- Access to investors: investor preparedness assessment, investor matching, equity and reward based crowdfunding mentoring, supply chain financing and community loan resources.
- Key customer acquisition: market validation assessments, business plan assessments, pitch coaching, brand refinement and product launch planning.
- Supply chain infrastructure and financing: Access to contract manufacturers, inventory management, prototyping and testing, and financing against purchase orders.
  - Business plan optimization: lean startup methodology, design thinking and agile processes to redefine the business.



#### **Transformation of Education Programing**

#### STEM SCHOOL K-12

Innovation Pavilion is replicating the best practice model of STEM School and Academy in Highlands Ranch, Colorado (the fastest growing charter school in Colorado) to colocate on our innovation campuses to develop the modern day workforce. STEM School is a comprehensive K-12 public school (either charter or public) focusing on science, technology, entrepreneurship and math. Our curriculum is unique in many ways:

- Classes are project and problem based
- •Students lead their own education curriculum
- Hands-on, experiential learning
- All curriculum is tailored to industry relevant skills with cross-subject collaboration
- Life and leadership are part of everyday learning

#### HIGHER ED SKILLS TRAINING OFFERING

There is a gap between college majors and the technical skills required for high-paying jobs. The aim of the program is to provide exposure to entrepreneurship and technical training directly relevant to modern industry needs and, consequently, create a healthy pathway to jobs. In a span of six months, the students will go through the following training:

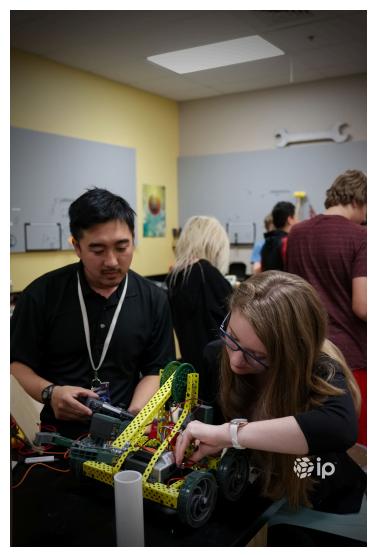
- Technical entrepreneurial skills based in lean/agile/design thinking projects
- Project and problem-based learning
- Apprenticeship/experiential learning
- Life and leadership skills are part of everyday learning

#### MAKER SPACE PROGRAMMING

Maker spaces provide access to the learning labs not only to students, but adults, people with disabilities, seniors, and young children as well. The spaces are modeled after the Idea Zone in the Museum of Science and Industry which includes hands-on experiences with a 3D printer, laser engraver, media studio, fabrication lab, simulation center and sciences lab—a full technological playground!

#### **ENTREPRENEURSHIP BOOTCAMPS**

Students can become a part of a startup or start their own company as part of the educational experience. Experts in the field become mentors who guide students through the process of creating and running their own business. This model provides hands-on entrepreneurship programs that promote financial responsibility, leadership and teamwork, while imparting skills that include ideation, validation, and go-to-market strategies.







Innovation Pavilion has a proven track record of delivering sustainable solutions for economic and entrepreneurial needs through real estate and innovation services. The company, born after five years of extensive research in the field, has been running an 80,000 sq ft. innovation campus successfully since 2012.

Based in Centennial, CO, IP founded one of the first coworking spaces in the Denver Metro and has transformed the economic landscape of the area by creating a hub for innovation. Our broadranging agenda spans creating niche entrepreneurial communities, curating city and corporate innovation, and workforce development through transformation of education.

#### BY THE NUMBERS

7000+ Members of IP Community
75 Companies on site
243 Companies as members
35 Companies accepted into accelerators
5 Companies with \$15M+ in funding
46 Companies achieved pilot and partner projects
500 Events a year
7 Niche communities built
150 Different programs launched and tested
20 Active angels in Keiretsu Forum angel group
50+ Corporations engaged
98% Occupancy





IP Centennial Campus Location

When Innovation Pavilion started in Denver South, the Denver South Economic Department and local chambers were doing little to help entrepreneurs and startups. When IP opened, this changed in a dramatic way and entrepreneurship was fostered in the community.





IP partnered with the Town of Parker, CO in 2015 to bring more job opportunities to Parker and help home-based businesses establish storefronts and expand employee bases. Parker, a bedroom community, was looking to draw in millennials and corporations.

Innovation Pavilion is working with economic development and city leadership to develop a campus that brings together coworking, corporate suites, retail, millennial housing, and STEM education.



IP Parker Campus Rendering

#### BY THE NUMBERS

400 Members of Parker IP Community
17 IoT sensors installed to gamify O'Brien Park
30 IoT, thought leader, and mentor events held
450+ Attendees at our annual Innovation Awards
2 Niche communities built

2 Companies launched products with help of IP mentoring

The chances of us getting a business with 100 employees... they're hard to find. But legitimately, could we get 20 businesses with five employees? Absolutely. That's what this concept brings to us.

-Michael Waid, Town of Parker Mayor



#### **KEY**

1. Lot 1- Millennial Housing, Ground Floor Retail

3.2 Acres 28,000 sq ft

2. Lot 2- Office, Ground Floor Retail

2.8 Acres 77,175 sq ft

3. Lot 3- Existing PACE Event Center

4. Lot 4-Office, Ground Floor Retail

3.4 Acres 77,175 sq ft

5. Across Lot 2- Existing 21c Library



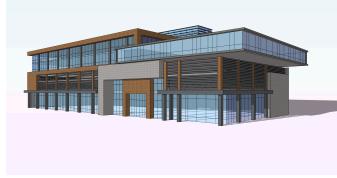


IP partnered with the City of Olathe, KS in 2015 to develop an entrepreneurial ecosystem in the community and spark downtown reinvestment and development. Innovation Pavilion's goal in this redevelopment is not just to deliver a new 21st century library, new office, retail and residential development, but also to transform downtown Olathe to a thriving, modern and innovative locale.

Innovation Pavilion will create a physically connected environment between the new Olathe Public Library, Johnson County Courthouse, Olathe CityHall and new mixed use office/retail space where it is easy to walk from one building to another where driving and parking are not impediments to the natural flow of pedestrian traffic (as displayed by the site plan).

#### BY THE NUMBERS

1,000+ members of the Olathe IP Community
15 IoT sensors installed to gamify Black Bob Park
16 IoT and thought leader events held
3 Niche communities built
20+ Corporations engaged



IP Olathe Campus Rendering

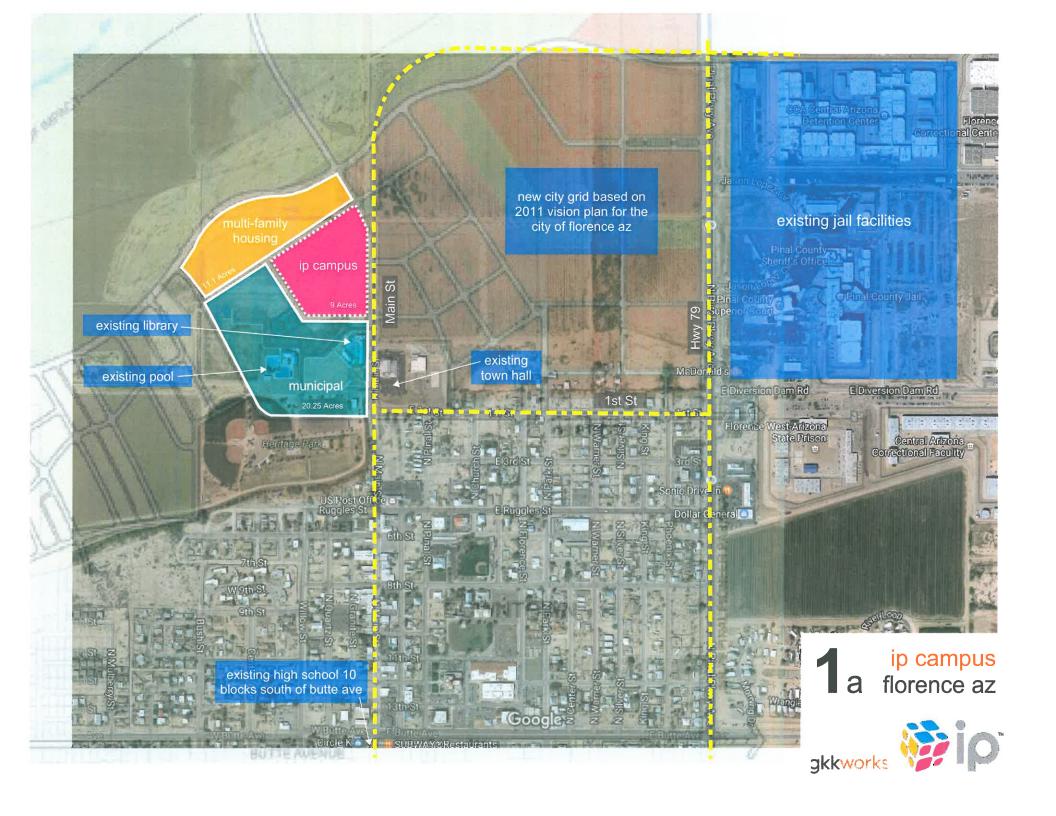
We're excited about Innovation Pavilion in Olathe! We believe the relationships, partnerships, and collaborative efforts they build will build companies and jobs in our community.

-Michael Wilkes, City Manager of Olathe



#### **KEY**

- Property 1- 21c Library, Event Center, Ground Floor Retail & Structured Parking 2.93 Acres
- 2. Property 2- Office, Ground Floor Retail & Structured Parking
  1.04 Acres
- 3. Property 3- Retail, Grocery Store, Millennial Housing & Structured Parking 1.93 Acres
- 4. Property 4- Millennial Housing Size TBD
- Across from Property 3- Existing School w/ IP STEM Programing







## TOWN OF FLORENCE

TOWN OF FLORENCE ARIZONA  PARKEE  INA.	COUNCIL ACTION FORM	12b.	
MEETING DATE: Au	gust 7, 2017		
<b>DEPARTMENT:</b> Dev	☐ Information Only ☐ Public Hearing ☐ Resolution		
STAFF PRESENTER	: Christopher A. Salas,	Ordinance	
Development Services	s Director/Town Engineer	☐ Regulatory ☐ 1 <sup>st</sup> Reading	
<b>SUBJECT:</b> Cactus A mix asphalt repairs to	Asphalt Cooperative Contract for hot various roads.	☐ 2 <sup>nd</sup> Reading ☐ Other	
	nance	☑ Economic Property ☑Transportation and	

#### RECOMMENDED MOTION/ACTION:

Authorization to contract with Cactus Asphalt, a division of Cactus Transport, Inc., through a Pinal County Cooperative Contract, to perform hot mix asphalt repairs to various roads, in an amount not to exceed \$311,504.00.

#### **BACKGROUND/DISCUSSION:**

Pinal County has an existing contract with Cactus Asphalt. The Town of Florence has the opportunity to piggyback on Pinal County's publicly bid contract with Cactus Asphalt and do work on some of our existing roads at a cost less than what would normally cost the Town to do the same work. The cost savings is due to Pinal County's existing contract.

The work performed by Cactus Asphalt, if the Town Council approves this item, is to permanently make asphalt repairs with hot mix asphalt. The repairs are necessary to facilitate next year's pavement preservation program.

The work also includes asphalt patchwork where the edges of certain roads are in need of repair.

#### A VOTE OF NO WOULD MEAN:

A vote of 'No' would mean that there is no obligation on the Town's part to make repairs, maintain or erect signs on the road. Without these responsibilities, the road would quickly deteriorate.

#### A VOTE OF YES WOULD MEAN:

Subject: Cactus Asphalt Contract Meeting Date: August 7, 2017

Page 1 of 2

Approval of the action will positively influence social and economic impacts and effects of new subdivisions within Florence. The proposed acceptance of this development may change the lives of current and future residents by measurement of the potential socio-economic impacts such as:

- Change in demographics
- Resulting retail / service and housing benefits
- Change in employment and income levels
- Changes in quality of life in the community
- Satisfying current housing needs
- Specifically, meeting the needs of the groups considered

#### **FINANCIAL IMPACT**:

The cost to perform hot mix asphalt repairs to the various roads is \$270,872.50, plus a 15% contingency, for a total not to exceed amount of \$311,504.00.

#### **ATTACHMENTS**:

- Cooperative Cover Contract
- Exhibit A: Fee Proposal/hourly rates for services provided
- Pinal County Contract
- EC15-008 Renewal Contract for Fiscal Year 2017-2018 Cactus Transport

Subject: Cactus Asphalt Contract Meeting Date: August 7, 2017

Page 2 of 2

## TOWN OF FLORENCE, ARIZONA CONTRACT FOR COOPERATIVE USE OF PINAL COUNTY JOB ORDER CONTRACT WITH CACTUS ASPHALT, A DIVISION OF CACTUS TRANSPORT, INC. CONTRACT NO. EC15-008-1 FOR PAVEMENT PRESERVATION AND REPAIR SERVICES ON TOWN STREETS

THIS CONTRACT (the "Contract") is made and entered into effective as of the 7th day of August, 2017 ("Effective Date"), by and between the Town of Florence, Arizona (the "Town"), and **Cactus Transport, Inc.** (the "Contractor") and together with the Contract Documents referred to and incorporated herein, is the "resultant contract" contemplated in the Pinal County solicitation Request for Statement of Qualifications 152119 and Job Order Contract with Cactus Asphalt, a division of Cactus Transport, Inc. for Pavement Preservation and Repairs services, **Contract No. EC15-0008-1 dated July 6, 2016** (and renewed on the same terms through July 5, 2018). The Town and the Contractor are sometimes referred to in this Contract collectively as the "Parties" and each individually as a "Party".

- 1. SCOPE OF WORK: The Contractor shall provide the Town all necessary labor, material, transportation services and equipment to perform Pavement Preservation and Repairs on Town streets per contract specifications described in the attached scope of materials and services set forth in Exhibit "1" (the "Services"). The Contractor shall provide the Services in accordance with the schedule attached in Exhibit "1", and the Contract Documents, including all exhibits to the Master Contract including but not limited to any Standard Terms and Conditions, Special Terms and Conditions, Specifications and Plans. Contractor agrees, at its own cost and expense, to do all of the work and furnish all of the equipment, personnel and materials necessary to provide in a good and substantial manner, and to the satisfaction of the Town, the Services.
- 2. PRIORITY OF DOCUMENTS. It is further expressly agreed by and between the Parties that should there be any conflict between the terms of this Contract, the Master Contract, or the Contractor's Proposal, then this Contract and the provisions of the Contract Documents shall control and nothing herein shall be considered as an acceptance of the terms of the said Proposal conflicting herewith or with the Master Contract, unless expressly stated herein.
- 3. INCORPORATION: For and in consideration of this Contract and other good and valuable consideration, the Contractor agrees that the master cooperative solicitation/contract (the Pinal County Job Order Contract between Pinal County and Cactus Asphalt, a division of Cactus Transport, Inc. for Pavement Preservation and Repairs, Contract No. EC15-008-1 dated July 6, 2016 and renewed on the same terms through July 5, 2018) is in full force and effect, and all terms and conditions of the Master Contract are incorporated by reference into this Contract, creating an agreement identical in terms between the Town and Contractor. In the Master Contract, the terms: "County", "Pinal County", "Pinal" shall be deemed to

be and refer to the Town of Florence; the terms: "Pinal County Department of Public Works/Director", "Agent", "Project Manager", "Transportation Director" shall be deemed to be and refer to the Florence Development Services Director/Town Engineer, Town of Florence, 425 E. Ruggles Street, Florence, AZ 85132; and the terms: "Bidder", "Contractor", "JOC firm", "JOC Contractor", "firm" and "Offeror", shall be deemed to be and refer to the Contractor under this Contract.

- 4. **CONTRACT DOCUMENTS**: This Contract consists of the following contract documents, which by reference are incorporated herein:
  - A. This signed Contract.
  - B. The solicitation documents, including Request for Statement of Qualifications 152119 for the Pinal County Job Order Contract between Pinal County and Cactus Asphalt, a division of Cactus Transport, Inc. for Pavement Preservation and Repairs, Contract No. EC15-008-1 dated July 6, 2016 (and renewed on the same terms through July 5, 2018), and including, but not limited to: Invitation for Bid, Instructions to Bidders, Fee Schedules; Notices; Checklists; Requirements for Proposers; Standard Terms and Conditions; Special Terms and Conditions; Scope of Work; Work Schedule; Certificates of Compliance; Plans, Specifications, Addenda, Warranties for Work; Work Forms; Attachments; Price Sheets; Questionnaires; Response Forms; Special Provisions and Specifications; Technical Provisions and Specifications; Schedules; Cooperative Authorizations; Exhibits, Material, Equipment, Services Pricing, Exhibit A General Scope of Work and its Special Provisions, Exhibit B Unit Price List (the "Contract Documents" or "Master Contract").
- CONTRACT PRICING: Contract pricing shall be consistent with the Contract Documents and Contractor's Proposal and is listed in Exhibit "1" (Price Sheet), and shall not exceed \$ 270,872.50.
- TERM OF CONTRACT: The term of this Contract shall be from the Effective Date through satisfactory completion of the Services or delivery of Goods and acceptance of the Services and/or Goods by the Town. Time is of the essence to the terms of this Contract.

#### 7. COMPLIANCE WITH FEDERAL AND STATE LAWS.

- A. The Contractor understands and acknowledges the applicability to it of the American with Disabilities Act, the Immigration Reform and Control Act of 1986 and the Drug Free Workplace Act of 1989.
- B. Under the provisions of A. R. S. § 41-4401, Contractor hereby warrants to the Town that the Contractor and each of its subcontractors will comply with, and are contractually obligated to comply with, all Federal Immigration laws and

- regulations that relate to their employees and A. R. S. § 23-214 (A) (hereinafter "Contractor Immigration Warranty").
- C. A breach of the Contractor Immigration Warranty shall constitute a material breach of this Contract and shall subject the Contractor to penalties up to and including termination of this Contract at the sole discretion of the Town.
- D. The Town retains the legal right to inspect the papers of any Contractor or Subcontractor's employee who works on this Contract to ensure that the Contractor or Subcontractor is complying with the Contractor Immigration Warranty. Contractor agrees to assist the Town in regard to any such inspections.
- E. The Town may, at is sole discretion, conduct random verification of the employment records of the Contractor and any subcontractors to ensure compliance with Contractor's Immigration Warranty. Contractor agrees to assist the Town in regard to any random verification performed.
- F. Neither the Contractor nor any subcontractor shall be deemed to have materially breached the Contractor Immigration Warranty if the Contractor or subcontractor establishes that it has complied with the employment verification provisions prescribed by section 274A and 274B of the Federal Immigration and Nationality Act and the E-Verify requirements prescribed by A. R. S. § 23-214, Subsection A.
- G. The provisions of this Section must be included in any contract the Contractor enters into with any and all of its subcontractors who provide Services under this Contract or any subcontract. "Services" are defined as furnishing labor, time or effort in the State of Arizona by a contractor or subcontractor. Services include construction or maintenance of any structure, building or transportation facility or improvement to real property.
- 8. **METHOD OF PAYMENT**. Method of payment shall be set forth in **Exhibit "1"**. If payment is to be made monthly, Contractor shall prepare monthly invoices and progress reports which clearly indicate the progress to date and the amount of compensation due by virtue of that progress. All invoices shall be for Services completed or Goods accepted by the Town.
- 9. TERMINATION. Town, at any time and for any reason and without cause, may terminate, suspend or abandon any portion, or all, of this Contract at Town's convenience without penalty or recourse. Contractor shall receive payment for Services or Goods satisfactorily completed and accepted by Town, as determined by Town in its reasonable discretion, based on the Goods and/or Services requirements and schedule for payment

- 10. **INDEPENDENT CONTRACTOR**. It is understood that Contractor shall be an independent contractor with respect to Services and/or Goods provided under this Contract, and shall not be deemed to be a partner, employee, joint venture, agent, or to have any other legal relationship with Town.
- 11. Notices. Any notice to be given under this Contract shall be in writing, shall be deemed to have been given when personally served or when mailed by certified or registered mail, addressed as follows: Town: Town of Florence, Town Clerk, 775 N. Main Street, P O Box 2670, Florence, AZ 85132; and Contractor: Cactus Transport Inc. Attn: Bryan Glazer, 8211 W. Sherman St. Tolleson, AZ 85353.
- 12. **INDEMNIFICATION**. To the fullest extent permitted by law, the Contractor, its successors, assigns and guarantors, shall pay, defend, indemnify and hold harmless the Town of Florence, its Mayor and Council members, its agents, officers, officials, representatives and employees, from and against all demands, claims proceedings, suits, damages, losses and expenses (including but not limited to attorney's fees, court costs, and the costs of appellate proceedings), and all claim adjustment and handling expenses, relating to, arising out of, or alleged to have resulted from the acts, errors, mistakes, omissions, Goods or Services of the Contractor, its agents, employees or any tier of Contractor's subcontractors related to the Goods or Services in the performance of this Contract. Contractor's duty to defend, hold harmless and indemnify Town of Florence, its Mayor and Council members, its agents, officers, officials, representatives and employees shall arise in connection with any claim, damage, loss or expense that is attributable to bodily injury, sickness, disease, death, or injury to, impairment, or destruction of property including loss of use of resulting therefrom, caused by Contractor's acts, errors, mistakes, omissions, Goods, Services in the performance of this Contract including any employee of the Contractor, any tier of Contractor's subcontractors or any other person for whose acts, errors, mistakes, omissions, Goods, Services the Contractor may be legally liable.
- 13. WARRANTY. Contractor warrants that the Goods and Services will conform to the requirements of this Contract. Additionally, Contractor warrants that all Services will be performed in a good, workman-like and professional manner. The Town's acceptance of Goods or Services provided by Contractor shall not relieve Contractor from its obligations under this warranty. If any Goods or Services are of a substandard or unsatisfactory manner as determined by the Town, Contractor, at no additional charge to the Town, will provide Goods or redo such Services until they are in accordance with this Contract and to the Town's reasonable satisfaction. Unless otherwise agreed, Contractor, warrants that Goods will be new, unused, of most current manufacture and not discontinued, will be free of defects in materials and workmanship, will be provided in accordance with manufacturer's standard warranty for at least one (1) year, unless otherwise specified, and will perform in accordance with manufacturer's published specifications.

- 14. **PURCHASING POLICY**. The Town of Florence Town Code and Purchasing Policy govern this procurement and are incorporated as part of this Contract by this reference.
- 15. **GOVERNING LAW**. This Contract shall be deemed to be made under, shall be construed in accordance with, and shall be governed by the laws of the State of Arizona, without reference to choice of law or conflicts of laws principles thereof. The exclusive forum selected for any proceeding or suit in law or equity arising from or incident to this Contract shall be Pinal County, Arizona.
- 16. **PROHIBITED BOYCOTT**. Pursuant to A.R.S. § 35-393.01, the Contractor, by execution of this Contract, certifies that it is not currently engaged in, and agrees for the duration of this Contract to not engage in, a boycott of Israel.

IN WITNESS WHEREOF, the Parties have executed this Contract effective as of the Effective Date set forth above.

TOWN OF FLORENCE, A municipal corporation

By: Tara Walter, Mayor	Date:
Tara Walter, Mayor	
ATTEST:	
Lisa Garcia, Town Clerk	
Approved as to Form	
Cliff Mattice, Town Attorney	
CONTRACTOR	
By:	
Date:	-
Its:	



To: **TOWN OF FLORENCE** Contact: Christopher Salas Address: PO BOX 2670, 444 NORTH WARNER Phone: 520-868-7621 FLORENCE, AZ 85232 Fax: 520-868-7637 **Project Name:** City Of Florence Fall 2017/2018 FAST **Bid Number: Project Location:** Various Streets In Florence AZ, Florence, AZ Bid Date: 7/7/2017

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price	
Chip Seal			-			
4)	Chip Seal Binder: Polymer Modified Asphalt Rubber (PG-16, 16% Tire Rubber, 3% SBS Polymer) <300 TN	64 179.00	TON	\$684.00	\$122,436.00	
4R	Chip Seal Binder - Haul & Apply Services	179.00	TON	\$109.00	\$19,511.00	
4V	Chip Seal Aggregate - HV Pre-Coated	1,000.00	TON	\$101.00	\$101,000.00	
4AA	Traffic Control-Chip Seal (Based On Binder Ton)	179.00	TON	\$53.00	\$9,487.00	
4AA	Traffic Control-Chip Seal (Based On Binder Ton): DEDUCT FOR FLORENCE (50%)	-89.50	TON	\$53.00	(\$4,743.50)	
	` ,	Total Price for above Chip Seal Items:			\$247,690.50	
Fog Seal				******		
3	Asphalt Emulsion Fog Seal SS 1:1 Or CSS 1:1 <100 TN	37.00	TON	\$171.00	\$6,327.00	
3]	Fog Seal Binder - Haul & Apply Services	37.00	TON	\$250.00	\$9,250.00	
3K	Traffic Control-FOG Sealing	37.00	TON	\$140.00	\$5,180.00	
3K	Traffic Control-FOG Sealing: DEDUCT FOR FLORENCE (50%)	-18.50	TON	\$140.00	(\$2,590.00)	
	· ·	Total Price	for above	Fog Seal Items:	\$18,167.00	
Striping & S	Signs			<del></del>		
403	15 MIL (4") White Traffic Paint Stripe	4,595,00	ᄕ	\$0.20	\$919.00	
404	15 MIL (4") Yellow Traffic Paint Stripe	7,980.00	LF	\$0.20	\$1,596.00	
700	Traffic Control (Not For Items No. 1-5): Striping Traffic Control	1.00		\$2,500.00	\$2,500.00	
		Total Price for above Striping & Signs Items:				
				Total Bid Price:	\$5,015.00 \$270,872.50	

#### Notes:

- \* Standard Terms and Conditions to follow.
- \* All scheduling contingent upon mutual agreement of Owner and Cactus Asphalt.
- \* Cactus will require this proposal with exclusions be included in any contractual agreement.
- \* In the event that quantites differ from above, billing will reflect agreed upon measured quantities.
- Pricing Based off Pinal County EC15-008-1

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Page 1 of 4



ACCEPTED:	CONFIRMED:
The above prices, specifications and conditions are satisfactory and hereby accepted.	Cactus Asphalt
Buyer:	The formation of the second
Signature:	Authorized Signature:
Date of Acceptance:	Estimator: Jeff Smith

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Page 2 of 4

Paving Seal Coating Crack Sealing Patching Chip Sealing Fabric Overlay More

#### TERMS AND CONDITIONS

#### **GENERAL**

Owner shall timely notify Cactus Asphalt (Cactus) in writing when the premises will be ready for work to commence, and shall give unobstructed access to all areas where work is to be done. Any necessary towing and costs of delays shall be the responsibility of the owner.

Cactus is not responsible for any utility lines (water, electric, sprinkler, communications, cable, etc.) which may lie within eighteen inches (18") of the surface. Owner is responsible for supplying all known layouts of any such utility lines which are known to exist. Cactus is not responsible for damage to undisclosed, unknown or improperly placed lines.

If Cactus encounters any different site condition or concealed condition, including but not limited to underground utilities, debris, ground water, underground storage tanks, hazardous material, "hard dig" soils, or any material or substance regulated by federal, state, local law, ordinance, or regulation, any other environmental, health or safety issue, or concern, or other conditions, that were unknown to Cactus before submission of this Proposal, the contract price shall be equitably adjusted to compensate Cactus for any additional work performed or damages incurred as a result of any such conditions. At Cactus' sole discretion, Cactus may stop all work on the project, until the parties have reached an agreement, in writing, concerning any such equitable adjustment, and Cactus shall have no obligation to perform any work which, as determined by Cactus, directly or indirectly involves any environmental, health or safety risk or hazard,

The Owner is responsible for ensuring that all surfaces are kept in a condition acceptable to the application of the agreed upon product. This includes ensuring that all automatic sprinklers that may place water on the surface are turned off. Any delay caused by failure to perform the above may result in additional expense to the owner.

Cactus is not responsible for ponding water where grade is less than 2%.

Owner is to provide a water source that is acceptable to Cactus and is sufficient for performing the work.

Cactus is fully licensed and insured. All Cactus employees are covered by Worker's Compensation Insurance.

Unless otherwise agreed in writing, the prices contained within this agreement do not include the costs of permits or bonds.

#### WARRANTY

All work performed by Cactus is covered by a one year warranty on workmanship. Normal wear and tear, abuse, weather, and other acts of God are excluded.

#### PAYMENT AND TAXES

By law, taxes may only be waived upon receipt of a valid exemption certificate. Taxes are determined in accordance with the jurisdiction where the work is performed. The owner is responsible for payment of all taxes.

Unless otherwise stated within this agreement, all payment is due upon transmittal of invoice. In addition to other terms contained elsewhere in this proposal, Owner agrees to pay a service charge at the rate of 2% per month on all accounts that become 10 days past due. All costs of collection, as well as attorney's fees, will be added to the balance and interest due.

Cactus reserves the right (without further notice) to suspend or terminate this agreement if work is stopped for 30 or more days because of a failure to make progress payments or other delay not caused by Cactus. In such event Cactus reserves the right to recover payment for all work performed, including reasonable overhead, profit and damages under the contract.

This agreement shall be governed by and construed in accordance with Arizona law, and any lawsuit or arbitration arising from this agreement must be filed in Maricopa County, Arizona. If any provision of this agreement is determined invalid or unenforceable by a court of competent jurisdiction, that provision alone will be deemed stricken and the remainder of the agreement will be enforced.

Any dispute arising from this agreement, not timely resolved after good faith negotiation, will be submitted, at Cactus's sole discretion, to mediation, binding arbitration, or litigation in state court. If mediation is elected, its completion is an express condition precedent to Cactus's election of binding arbitration or state court litigation. If Cactus elects arbitration, the arbitration will be governed by and conducted in accordance with the Arizona Revised Uniform Arbitration Act at A.R.S. §12-1501, et seq.

A property owner has the right to file a written complaint with the Arizona Registrar of Contractors for an alleged violation of A.R.S. § 32-1154(A). Any such complaint must be filed within the applicable time period set forth in A.R.S. § 32-1155(A). The Registrar's phone number is (602) 542-1525, and its website address is http://www.azroc.gov/.



#### **NOTICE OF AWARD**

July 15, 2016

Cactus Asphalt, A Division of Cactus Transport Inc. Bryan Glazer 8211 W. Sherman Street Tolleson, Arizona 85353

Dear Mr. Glazer:

This letter with the issuance date of July 15, 2016 shall serve as a written notice of award. Pinal County has approved your contract in the amount of Three Million Dollars for the first contract year 2016-2017.

Joe Ortiz, Civil Engineer Section Chief with the Public Works department will contact you to discuss coordinating impending project tasks.

For all bonding related concerns please contact Gloria Bean, Contracts Supervisor at (520) 866-6009.

Once again congratulations, we look forward to doing business with you.

Sincerely,

Louis M. Andersen Director, Public Works



## PINAL+COUNTY wide open opportunity

### **JOB ORDER**

### CONTRACT BETWEEN

### PINAL COUNTY DEPARTMENT OF PUBLIC WORKS

AND

CACTUS ASPHALT, A

**DIVISION OF** 

CACTUS TRANSPORT, INC.

FOR

PAVEMENT PRESERVATION

and REPAIRS SERVICES

CONTRACT NO. EC15-008-1

### PINAL COUNTY DEPARMENT OF PUBLIC WORKS CONTRACT NO. EC15-008-1 TABLE OF CONTENTS

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CERTIFICATE OF INTENTIONS OF SUBCONTRACTING
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COOPERATIVE AUTHORIZATION
ADDENDUM ACKNOWLEDGEMENT FORM
CONTRACT ACCEPTANCE
PRICE MATRIX

#### CONTRACT NO. EC15-008-1

### Job Order Contract for Pavement Preservation & Repair Services

The Pinal County Department of Public Works, hereinafter called the COUNTY, is desirous of having Job Order Contract for Pavement Preservation & Repair Services performed when requested by the Pinal County Department of Public Works through a specific Work Assignment for those services more fully described in Exhibit A, General Scope of Work, and Exhibit B, Unit Price List; and CACTUS ASPHALT, A DIVISION OF CACTUS TRANSPORT, INC. hereinafter called "CONTRACTOR", with its principal offices located at 8211 W. SHERMAN STREET, TOLLESON, ARIZONA 85353, 623-907-2800 is desirous of performing said services;

THIS AGREEMENT, made and entered into this \_\_\_\_\_\_ day of \_\_\_\_\_\_ day of \_\_\_\_\_\_\_

20 1/2, by and between PINAL COUNTY acting by and through its BOARD OF SUPERVISORS, and SOUTHWEST SLURRY SEAL, INC.

WITNESSETH: The **CONTRACTOR** shall be paid a fee not-to-exceed THREE MILLION DOLLARS IN THE FIRST YEAR OF said contract. Two one year optional renewals may increase or decrease the contract based on Pinal County budget.

ARTICLE I - SCOPE OF WORK: The CONTRACTOR, under the general supervision of the Department of Public Works Director, shall perform Pavement Preservation & Repair Services as are necessary for the Work Assignment and according to the directions and designated standards of the COUNTY, and in accordance with Exhibit A, General Scope of Work. It is understood and agreed that the COUNTY's authorized representative shall be the Department of Public Works Director or his/her duly authorized representative, hereinafter called the "Agent". For purposes of this contract, the Agent's duly authorized representative shall be the Project Manager and he/she shall be the sole contact for administering this contract.

CONTRACTOR shall provide services, and complete in a workmanlike and substantial manner and to the satisfaction of the Department of Public Works Director, project Pavement Preservation & Repair Services work assignments for the Pinal County Department of Public Works, and furnish at its own cost and expense all necessary machinery, equipment, tools, apparatus, and labor to complete the work in the most substantial and workmanlike manner according to the Specifications and Work Assignment on file with the Pinal County Department of Public Works, and such modifications of the same and other directions that may be made by the Maricopa County Department of Transportation as provided herein. The CONTRACTOR shall meet periodically with the County Agent so as to keep the COUNTY informed of the progress of the work in accordance with each work assignment.

ARTICLE II - CONTRACT DOCUMENTS: The Contract Documents (Plans, Specifications, Addenda, if any, Affidavits, Performance Bond, Payment Bond, Certificates of Insurance, and Change Orders, if any) are by this reference made a part of this Contract and shall have the same effect as though all of the same were fully inserted herein.

ARTICLE III - TIME OF COMPLETION: CONTRACTOR further covenants and agrees at its own proper cost and expense, to complete all work for the construction of assigned Pavement Preservation & Repair Services and to completely construct the same and provide the services therein, as called for by this agreement free and clear of all claims, liens, and charges whatsoever, in the manner and under the conditions specified within the time, or times, stated in the Work Assignment.

ARTICLE IV - WORK ASSIGNMENTS AND PERIOD OF SERVICE: Within the guidelines set forth in Exhibit A, General Scope of Work, a detailed scope of work will be developed for each Work Assignment and incorporated herein by reference, and if applicable, a Small Business Enterprise goal will be established. A not-to-exceed fee will be negotiated for each Work Assignment consistent with Exhibit B, Unit Price List.

The CONTRACTOR shall complete all work in accordance with the provisions of Exhibit A, General Scope of Work and the detailed Scope of Work as negotiated for each specific Work Assignment. Performance for a Work Assignment shall commence only upon receipt of the Agent's written notice to proceed. Work Assignments may be issued at any time during the term of this Contract. This Contract will remain in full force and effect during the performance of any Work Assignment.

This contract shall be effective for a period of one (1) year from the Board award date and may be renewed, if mutually agreed to by both the CONTRACTOR and the COUNTY, for an additional two (2) 1-year periods. Market escalations in material costs may be negotiated upon written request from the Contractor.

ARTICLE V – PAYMENTS: For and in consideration of the satisfactory performance of the work herein embraced as set forth in the Contract Documents, which are a part hereof, and in accordance with the directions of the COUNTY, through its Engineer and to its satisfaction, the COUNTY agrees to pay the said CONTRACTOR the amount earned, computed from actual quantities of work performed and accepted, or materials furnished at the price listed on the Work Assignment Proposal made a part hereof, and to make such payment in accordance with the requirements of A.R.S. Sec. 34-607, as amended. CONTRACTOR agrees to discharge its obligations and make payments to its subcontractors and suppliers in accordance with A.R.S. Sec. 34-607.

The COUNTY does not guarantee any minimum or maximum fee during the period of this contract, and Contractor, in accepting this contract, does not anticipate any minimum or maximum fee.

The COUNTY shall pay the CONTRACTOR in full for each Work Assignment upon satisfactory completion and acceptance by the COUNTY, provided the Contractor returns the executed Certificate of Performance furnished by the Agent. Should an assignment require more than thirty (30) days to complete, the Contractor may invoice progress payments based on COUNTY approved monthly progress reports and subject to the limitations set forth in the Scope of Work negotiated for each Work Assignment.

Upon completion of each Work Assignment under this contract, the **CONTRACTOR** will furnish to the **COUNTY** an executed Certificate of Performance. The Certificate of Performance must be notarized.

ARTICLE VI - TERMINATION: The COUNTY hereby gives notice that pursuant to A.R.S. Sec. 38-511 A, this contract may be canceled without penalty or further obligation within three years after execution if any person significantly involved in initiation, negotiation, securing, drafting or creating the contract on behalf of the COUNTY is, at any time while the contract or any extension of the contract is in effect, an employee or agent of any other party to the contract in any capacity or a Contractor to any other party of the contract with respect to the subject matter of the contract. Cancellation under this section shall be effective when written notice from the Transportation Director of the COUNTY is received by all of the parties to the contract. In addition, the COUNTY may recoup any fee or commission paid or due to any person significantly involved in initiation, negotiation, securing, drafting or creating the contract on behalf of the

COUNTY from any other party to the contract arising as a result of the contract.

ARTICLE VII - NEGOTIATION CLAUSE: Recovery of damages related to expenses incurred by CONTRACTOR for a delay for which the COUNTY is responsible, which is unreasonable under the circumstances and which was not within the contemplation of the parties to the contract, shall be negotiated between CONTRACTOR and the COUNTY. This provision shall be construed so as to give full effect to any provision in the contract, which requires notice of delays, provides for arbitration or other procedure for settlement or provides for liquidated damages.

ARTICLE VIII - COMPLIANCE WITH LAWS: CONTRACTOR is required to comply with all Federal, State and local ordinances and regulations. CONTRACTOR'S signature on this contract certifies compliance with the provisions of the I-9 requirements of the Immigration Reform Control Act of 1986 for all personnel that CONTRACTOR and any subcontractors employ to complete this project. It is understood that the COUNTY shall conduct itself in accordance with the provisions of the Maricopa County Procurement Code.

ARTICLE IX - ANTI-DISCRIMINATION PROVISION: CONTRACTOR agrees not to discriminate against any employee or applicant for employment because of race, age, color, religion, sex, disability, or national origin, and further agrees not to engage in any unlawful employment practices. CONTRACTOR further agrees to insert the foregoing provision in all subcontracts hereunder.

ARTICLE X - INDEMNIFICATION: To the fullest extent permitted by law, Contractor shall indemnify and hold harmless Pinal, its agents, representatives, officers, directors, officials and employees, from any and all liability, demands, proceedings, suits, actions, claims, losses, costs, and damages of every kind and description, arising out of, resulting from or alleged to have resulted from the performance of the Work. Contractor 's duty to indemnify and hold harmless Pinal, its agents, representatives, officers, directors, officials and employees shall arise in connection with all demands, proceedings, suits, actions, claims, workers' compensation claims, unemployment claims, or employee's liability claims, damages, losses or expenses (including but not limited to attorney's fees, court costs and/or arbitration costs and the cost of appellate proceedings) that are attributable to personal or bodily injury, sickness, disease, death, or injury to, impairment or destruction of property including loss of use resulting there from, caused by or contributed to, in whole or in part, by any negligence, recklessness or intentional wrongful conduct, whether active or passive, of Contractor, its employees, agents, representatives, any tier of Contractor 's their employees, agents or representatives or anyone directly or indirectly employed by Contractor or its subcontractor s or anyone for whose acts Contractor or its subcontractors may be liable. The amount and type of insurance coverage requirements set forth Contract Documents or remuneration of any insurance coverage herein provided shall in no way be construed as limiting the scope of the indemnity in this paragraph. Such indemnity shall be required by Contractor from its subcontractor s on behalf of Pinal.

ARTICLE XI - INSURANCE REQUIREMENTS: CONTRACTOR, at CONTRACTOR'S own expense, shall purchase and maintain the herein stipulated minimum insurance from a company or companies duly licensed by the State of Arizona and possessing a current A.M. Best, Inc. rating of B++6. In lieu of State of Arizona licensing, the stipulated insurance may be purchased from a company or companies, which are authorized to do business in the State of Arizona, provided that said insurance companies meet the approval of COUNTY. The form of any insurance policies and forms must be acceptable to COUNTY.

All insurance required herein shall be maintained in full force and effect until all work or service required to be performed under the terms of the Contract is satisfactorily completed and formally accepted. Failure to do so may, at the sole discretion of COUNTY, constitute a material breach of this Contract.

CONTRACTOR'S insurance shall be primary insurance as respects COUNTY, and any insurance or self-insurance maintained by COUNTY shall not contribute to it.

Any failure to comply with the claim reporting provisions of the insurance policies or any breach of an insurance policy warranty shall not affect the **COUNTY'S** right to coverage afforded under the insurance policies.

The insurance policies may provide coverage that contains deductibles or self-insured retentions. Such deductible and/or self-insured retentions shall not be applicable with respect to the coverage provided to COUNTY under such policies. CONTRACTOR shall be solely responsible for the deductible and/or self-insured retention and COUNTY, at its option, may require CONTRACTOR to secure payment of such deductibles or self- insured retentions by a surety bond or an irrevocable and unconditional letter of credit.

COUNTY reserves the right to request and to receive, within 10 working days, certified copies of any or all of the herein required insurance policies and/or endorsements. COUNTY shall not be obligated, however, to review such policies and/or endorsements or to advise CONTRACTOR of any deficiencies in such policies and endorsements, and such receipt shall not relieve CONTRACTOR from, or be deemed a waiver of COUNTY'S right to insist on strict fulfillment of CONTRACTOR'S obligations under this Contract.

The insurance policies required by this Contract, except Workers' Compensation, and Errors and Omissions, shall name COUNTY, its agents, representatives, officers, directors, officials and employees as Additional Insureds.

The policies required hereunder, except Workers' Compensation, and Errors and Omissions, shall contain a waiver of transfer of rights of recovery (subrogation) against COUNTY, its agents, representatives, officers, directors, officials and employees for any claims arising out of CONTRACTOR'S work or service.

**CONTRACTOR** is required to procure and maintain the following coverages indicated by a checkmark:

### Commercial General Liability

Commercial General Liability insurance and, if necessary, Commercial Umbrella insurance with a limit of not less than \$1,000,000 for each occurrence, \$2,000,000 Products/Completed Operations Aggregate, and \$2,000,000 General Aggregate Limit. The policy shall include coverage for bodily injury, broad form property damage, personal injury, products and completed operations and blanket contractual coverage, and shall not contain any provision which would serve to limit third party action over claims. There shall be no endorsement or modification of the CGL limiting the scope of coverage for liability arising from explosion, collapse, or underground property damage.

### **Automobile Liability**

Commercial/Business Automobile Liability insurance and, if necessary, Commercial Umbrella insurance with a combined single limit for bodily injury and property damage of not less than \$1,000,000 each occurrence with respect to any of the CONTRACTOR'S owned, hired, and non-owned vehicles assigned to or used in performance of the CONTRACTOR'S work or services under this Contract.

Workers' Compensation

Workers' Compensation insurance to cover obligations imposed by federal and state statutes having jurisdiction of CONTRACTOR'S employees engaged in the performance of the work or services under this Contract; and Employer's Liability insurance of not less than \$1,000,000 for each accident, \$1,000,000 disease for each employee, and \$1,000,000 disease policy limit.

CONTRACTOR waives all rights against COUNTY and its agents, officers, directors and employees for recovery of damages to the extent these damages are covered by the Workers' Compensation and Employer's Liability or commercial umbrella liability insurance obtained by CONTRACTOR pursuant to this agreement.

CERTIFICATES OF INSURANCE

Prior to commencing work or services under this Contract, CONTRACTOR shall furnish COUNTY with Certificates of Insurance in a form acceptable to COUNTY, or formal endorsements as required by the Contract in the form provided by the County, issued by CONTRACTOR'S insurer(s), as evidence that policies providing the required coverages, conditions and limits required by this Contract are in full force and effect. Such certificates shall identify this contract number and title.

In the event any insurance policy(ies) required by this contract is(are) written on a "claims made" basis, coverage shall extend for two years past completion and acceptance of CONTRACTOR'S work or services and as evidenced by annual Certificates of Insurance.

If a policy does expire during the life of the Contract, a renewal certificate must be sent to **COUNTY** fifteen (15) days prior to the expiration date.

### CANCELLATION AND EXPIRATION NOTICE

Insurance required herein shall not expire, be canceled, or materially changed without thirty (30) days prior written notice to **COUNTY**.

(END OF SECTION)

IN WITNESS WHEREOF: Five (5) identical counterparts of this Contract, each of which shall for all purposes be deemed an original thereof, have been duly executed by the parties hereinabove named, on the date and year first above written.

### CACTUS ASPHALT, A DIVISION OF CACTUS TRANSPORT, INC.

Party of the First Part

By: 13Ryan Glazer Printed Name	
Byan Clay- Signature	
Title: Vice President	
Date: 6/8/2014	
86-0363424 Tax Identification Number	
PINAL COUNTY DEPARTMENT OF PUBLIC WORKS	
RECOMMENDED BY:	LEGAL REVIEW: Approved as to form and within the Powers and authority granted under the
Louis Andersen, Director Pinal County. Public Works	laws of the State of Arizona to Pinal County
	By: Mark Langlitz, Deputy County Attorney
	Date: 6/23/16

**BOARD OF SUPERVISOR'S APPROVAL:** 

By: Chairman, Board of Supervisors

ATTEST:

Date:\_\_\_

Oy:\_\_\_\_\_ Clerk of the Board PINAL COUNTY PURCHASING DEPARTMENT P.O. BON 1348-31 N. PINAL STREET BUDG, "A" FLORENCE, ARIZONA 85132

DATE ISSUED	
AUTHORIZED	REPRESENTATIVE

# NO COLLUSION AFFIDAVIT BY CONTRACTOR CERTIFYING THAT THERE WAS NO COLLUSION IN SUBMITTING FOR CONTRACT

	STATE OF ARIZONA )
	COUNTY OF PINAL.
Iryar	being first duly swom, deposes and says:
	Vice President Cactus Asphalt A Division of Cactus Transport, Inc
	That he is Vice President of (1itle) (Name of Business)
	submitting on Contract No.E C 15 - 0 0 8 for the construction of JOB ORDER CONTRACT FOR PAVEMENT PRESERVATION & REPAIR SERVICES in the County of Pinal County, State of Arizona.
	That, in connection with the above-mentioned project, neither he, nor anyone associated with the aforesaid business, has, directly or indirectly, participated in any collusion, entered into any contract, combination, conspiracy or other act in restraint of trade or commerce in violation of the provisions of A.R.S. § 34-251, Article 4, as amended.  By My My Bryan Glazer - Vice President (Signature of Affiant)
	Subscribed and sworn to before me this 31 day of 20 16.
	My Commission Expires:
	4/2/3017 (Notary Public)
	SHERRY GARCIA Notary Public, State of Arizona Maricopa County My Commission Expires April 07, 2017

### VERIFICATION OF LICENSE

Pursuant to A.R.S. § 32-1169, I hereby state that I hold a current contractor's license, duly issued by the office of the Registrar of Contractors for the State of Arizona, said license has not been revoked, that the license number, classification, and expiration date is: 194430-A General Engineering 3/31/2018 that my privilege license number (as required by A.R.S. § 42-1305) is:; 07-215741X and that, if any exemption to the above licensing requirements is claimed;
The basis for the claimed exemption is: n/a and;
The names(s) and license number(s) of any general, mechanical, electrical, or plumbing contractor(s) to be employed on the work are:
IT IS UNDERSTOOD THAT THE FILING OF AN APPLICATION CONTAINING FALSE OR INCORRECT INFORMATION CONCERNING AN APPLICANT'S CONTRACTOR'S LICENSE OR PRIVILEGE LICENSE WITH THE INTENT TO VOID SUCH LICENSING REQUIREMENTS IS UNSWORN FALSIFICATION PUNISHABLE ACCORDING TO A.R.S. 13-2704.
3/31/2016  Bryan Glazer - Vice Presider  VIGNATURE OF LICENSEE
Cactus Asphalt, A Division of Cactus Transport, Inc.
COMPANY

# STATE OF ARIZONA

Office of the License No. ROC Registrar of Contractors

This is to Certify That

Cactus Transport Inc

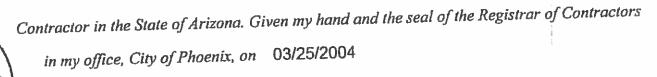
DBA (if any)

Cactus Asphalt A Division Of Cactus Transport Inc

Having been shown to possess all the necessary qualifications, and having complied with all the requirements of the law, is by order of the Registrar of Contractors duly licensed and admitted to engage in and pursue the business of

Α

### General Engineering



DIRECTOR, ARIZONA REGISTRAR OF CONTRACTORS

194430

#### IMPORTANT NOTICE YOU MUST

- REPORT DISASSOCIATION OF QUALIFYING PARTY IN WRITING WITHIN 15 DAYS [SEE A.R.S. § 32-1154(A)(19) AND § 32-1151.01]
- REPORT A CHANGE OF ADDRESS IN WRITING WITHIN 30 DAYS [SEE A.R.S. § 32-1151(B)(1)]
  REPORT ANY TRANSFER OF OWNERSHIP OF 50% OR MORE IMMEDIATELY REPORT ANY TRANSFER OF OWNERSHIP OF 50% OR MORE IMMEDIATELY
- REPORT ANY CHANGE OF LEGAL ENTITY SUCH AS ANY CHANGE IN THE DWINERSHIP IN SOLE PROPRIETORSHIP OR CHANGE OF A PARTNER IN A PARTNERSHIP OR THE CREATION OF A NEW CORPORATE ENTITY. SEE RULE R-4-9-110]

Cactus Transport Inc Cactus Asphalt A Division Of Cactus Transport Inc. 8211 W Sherman St Tolleson, AZ 85353-3303

### THIS IS YOUR IDENTIFICATION CARD DO NOT DESTROY



LICENSE EFFECTIVE THROUGH 03/31/2016 STATE OF ARIZONA

Registrar of Contractors

**CERTIFIES THAT** 

Cactus Transport Inc

Cactus Asphalt A Division Of Cactus Transport Inc 194430 CLASS A CONTRACTORS LICENSE NO

General Engineering

THIS CARD MUST BE PRESENTED UPON DEMAND

#### - IMPORTANT NOTICE: YOU MUST

- REPORT DISASSOCIATION OF QUALIFYING PARTY IN WRITING WITHIN 15 DAYS (SEE A.R.S. § 32-1154(A)(19) AND § 32-1151 01)
- REPORT A CHANGE OF ADDRESS IN WRITING WITHIN 30 DAYS [SEE A.R.S. § 32-1151(B)(1)]
- REPORT ANY TRANSFER OF OWNERSHIP OF 50% OR MORE IMMEDIATELY
- REPORT ANY CHANGE OF LEGAL ENTITY SUCH AS ANY CHANGE IN THE OWNERSHIP IN SOLE PROPRIETORSHIP OR CHANGE OF A PARTNER IN A PARTNERSHIP OR THE CREATION OF A NEW CORPORATE ENTITY. [SEE RULE R-4-9-110]

Cactus Transport Inc Cactus Asphall A Division Of Cactus Transport Inc. 8211 W Sherman St Tolleson, AZ 85353-3303

### THIS IS YOUR IDENTIFICATION CARD DO NOT DESTROY



LICENSE EFFECTIVE THROUGH: 03/31/2016 STATE OF ARIZONA

**CERTIFIES THAT** Registrar of Contractors

Cactus Transport Inc

Cactus Asphalt A Division Of Cactus Transport Inc

CONTRACTORS LICENSE NO

194430 CLASS A

General Engineering

THIS CARD MUST BE PRESENTED UPON DEMAND

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- REPORT DISASSOCIATION OF QUALIFYING PARTY IN WRITING WITHIN 15 DAYS. [SEE A.R S § 32-1154(A)(19) AND § 32-1151,01]
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- REPORT ANY CHANGE OF LEGAL ENTITY SUCH AS ANY CHANGE IN THE OWNERSHIP IN SOLE PROPRIETORSHIP OR CHANGE OF A PARTNER IN A PARTNERSHIP OR THE CREATION OF A NEW CORPORATE ENTITY [SEE RULE R-4-9-110]

Cactus Transport Inc Cactus Asphalt A Division Of Cactus Transport Inc 8211 W Sherman St Tolleson, AZ 85353-3303

### THIS IS YOUR IDENTIFICATION CARD DO NOT DESTROY



LICENSE EFFECTIVE THROUGH: 03/31/2016 STATE OF ARIZONA

**CERTIFIES THAT** Registrar of Contractors

Cactus Transport Inc

Cactus Asphalt A Division Of Cactus Transport Inc

CONTRACTORS LICENSE NO

194430 CLASS A

General Engineering

THIS CARD MUST BE PRESENTED UPON DEMAND

DIRECTOR, ARIZONA REGISTIRAR OF CONTRACTORS

# CERTIFICATION OF INTENTIONS CONCERNING SUBCONTRACTING

At the time a task order has been issue this form must be submitted prior to the start of any work

Description of Work or	Contractor, Subcontracto	or, Percentage of	Contractor's
In compliance with original S percent of the value of the projection of the projection compliance with this form result in suspension of future with the projection of the pro	ect with its own forces.  shall result in Contractor fail		
Date		Dateit	
Name of FirmCaclus Asphalt, A C	Division of Cactus Transport. Inc	Name of Firm	
Title Vice President		Title	
By Buyan Clay— Bryan Glazer		Ву	
It IS my intention to subcontrac portion of the work		It IS NOT my intention of the work.	n to subcontract a portion

Description of Work or Product	Contractor, Subcontractor, (Sub) supplier or Manufacturer	Percentage of Work to be Performed	Contractor's License No.

Description of Work or Product as Identified on B-1	Contractor, Subcontractor, (Sub) supplier or Manufacturer	Percentage of Work to be Performed	Contractor's License No.
SCURRY SEACMATERIAL	SELETHWEST SLURRY SEAL SOLETHWEST	10%	VUC 05-043
MICHOSCERFICE MATERIAL	SCULRY SEAL	(0%	NOC 08/093
STRIPING.	SENGINE STRIPING	4%	1:00 254708
PHATERIAS TESTING	MUEC	2%	r/4.
	4		
	A contract of the second secon		
And record in which were presented in a requirement or productional support of the state of the			

Exhibit G

### AFFIDAVIT OF SUSPENSION AND/OR DEBARMENT

	Bryan Glazer			, being duly sworn, deposes and says:
	(Name of Affia	nt)		
	Vice Vice	Presidetn	of	Cactus Asphalt A Division of Cactus Transport Inc
1.				(Company Name)
<u>2</u> .	directly or inc suspended or d at the time of t preceding the s	directly affiliated as a debarred or otherwise h the signing and submit signing of this affidavit	in oil lad the tal of L	m or entity of which Affiant was either flicer, director or owner has been either heir privileges to conduct business revoked f this bid or at any time during the 3 years
	It is expressl promises are r any award mad	nade as a condition to	the r	oregoing statements, representations and right of the bidder to conduct work under
	Name Su Bryan Gla	ye Gly-		
		ident		
	Business Nam	IC: Cactus Asphalt, A Division	of Cact	ctus Transport, Inc. DATED 31st of March , 201 6
(Ind	ividual Acknow	ledgement)		
STA	TE OF	)		
COL	TE OF	) ss )		
5	SUBSCRIBED	AND SWORN to be	efore	me, the undersigned Notary Public, this
*8	day of	, 201, b	Ŋ.	was a conjugate of a property of the conjugate of the con
1	Notary Public:			
	My Commission	expires:		

(Partnership/corporate Acknowledgement)
STATE OF Arizona ) SS COUNTY OF Maricopa )
SUBSCRIBED AND SWORN to before me, the undersigned Notary Public, this
day of March , 201 6 , by Bryan Glazer who
acknowledged himself /herself to be Vice President of
Cactus Asphalt, A Division of Cactus Transport Inc. Corporation partnership/corporation and
being duly authorized to do so, executed the foregoing instrument on behalf of said
entity.
Notary Public: Mally Social
My Commission expires: 4/7/2017
SHERRY GARCIA Notary Public State of Arizona Maricopa County My Commission Expires April 07, 2017

### COOPERATIVE AUTHORIZATION

I/We, the undersigned, propose to provide the services necessary for the scope of work and specifications.

I/We further declare that I/We have carefully read and examined all information to the referenced Invitation for Bid. I/We agree to comply with the County rules, regulations and policies.

Would you be willing to allow other members of the "SAVE" to cooperatively purchase from the contract? X Yes No

Your response to this question will not be used as part of the evaluation criteria. It is the intent, as a member of the "SAVE", to provide other Entities the opportunity to save time, effort and paperwork by combining our purchasing power whenever possible.

Name of Company Cactus Asphalt, A Division of Cactus Transport, Inc.	Date3/31/2016
By Clg  Authorized Signature /Local Representative	623-907-2800 / 623-907-2900 Telephone / Fax Number
Bryan Glazer - Vice President	
Type Name and Position Held with Company	
8211 W. Sherman St, Tolleson AZ 85353	
Mailing Address City, State Zip	

### ADDENDUM ACKNOWLEDGEMENT FORM

Solicitation Addendums are posted on the Pinal County website at the following address: <a href="http://pinalcountyaz.gov/Departments/Finance/Pages/BidsProposals.aspx">http://pinalcountyaz.gov/Departments/Finance/Pages/BidsProposals.aspx</a> and <a href="http://pinalcountyaz.gov/PublicWorks/BidsSolicitations/Pages/home.aspx">http://pinalcountyaz.gov/PublicWorks/BidsSolicitations/Pages/home.aspx</a>.

It is the responsibility of the Responder to periodically check this website for any Solicitation Addendum.

This page is used to acknowledge any and all addendums that might be issued. Any addendum issued within five days of the solicitation due date, will include a new due date to allow for addressing the addendum issues. Your signature indicates that you took the information provided in the addendums into consideration when providing your complete response.

Please sign and date:	
ADDENDUM NO. 1 Acknowledgement: Signature	Date
ADDENDUM NO. 2 Acknowledgement: Signature	Date
ADDENDUM NO. 3 Acknowledgement:  Signature	Date
If no addendums were issued, indicate below, sign the form and return response.	with your
CACTUS Asphall, A DIVISION of CACTUS Transport, Inc  Firm  Bya Blya-  Authorized Signature Bayan Glazer-Vice President	
Authorized Signature Bayan Glazer - Vice Fresident	

### **CONTRACT ACCEPTANCE**

The draft contract has been reviewed and is accepted without any specific contract exclusions, modifications, or exceptions.

Cactus Asphalt, A Division of Cactus Transport, Inc.
Contractor Name
By Cly
Bryan Glazer
Printed Name
Vice President
Title
3/31/2016
Date

Pinal County Department of Public Works is seeking experienced contractors to perform miscellaneous construction and repair services for various stabilization and paving projects utilizing Job Order Contracting (JOC) project delivery methods. It is the intent of the PCDPW to enter into three JOC contracts. Each contract will be effective for a period of one (1) year from the Board award date and may be renewed, if mutually agreed to by both the Contractor and the County, for an additional two (2) 1-year periods.

Item No.	Crack Seal Items		Unit Price	Qty	UofM		Total Price
1	Crack Sealing 1/4 To 1" Width	\$	1.34	1	LBS	\$	1.34
1A	Crack Routing	\$	0.24	1	LBS	\$	0.24
1B	Crack Vacuum	\$	0.17	1	LBS	\$	0.17
1C	Traffic Control-Crack Sealing	\$	0.48	1	LBS	\$	0.48
1D	Message Board (Per Unit Per Day)	\$	60.00	1	DY	\$	60.00
Item No.	Crack Mastic Items		Unit Price	Qty	UofM	~	Total Price
2	Crack Seal 1" To 2" Utilizing Crack Mastic	\$	3.57	1	LBS	\$	3.57
2A	Traffic Control-Crack Mastic	\$	1.05	1	LBS	\$	1.05
2B	Message Board (Per Unit Per Day)	\$	60.00	1	DY	\$	60.00
Item No.	Fog Seal Items	y., -	Unit Price	Qty	UofM	No.	Total Price
3	Asphalt Emulsion Fog Seal SS 1:1 Or CSS 1:1, < 100 TONS	\$	171.00	1	TON	\$	171.00
3A	Asphalt Emulsion Fog Seal SS 1:1 Or CSS 1:1, > 100 TONS	\$	171.00	1	TON	\$	171.00
3B	Asphalt Emulsion Fog Seal TRMSS, < 100 TONS	\$	517.00	1	TON	\$	517.00
3C	Asphalt Emulsion Fog Seal TRMSS, > 100 TONS	\$	517.00	1	TON	\$	517.00
3D	Asphalt Emulsion Fog Seal PASS QB, < 100 TONS	\$	720.00	1	TON	\$	720.00
3E	Asphalt Emulsion Fog Seal PASS QB, > 100 TONS	\$	720.00	1	TON	\$	720.00
3F	Asphalt Emulsion Fog Seal CQS-TR, < 100 TONS	5	444.00	1	TON	\$	444.00
3G	Asphalt Emulsion Fog Seal CQS-TR, > 100 TONS	5	444.00	1	TON	\$	444.00
3H	Asphalt Emulsion Fog Seal CQS-LM, < 100 TONS	\$	471.00	1	TON	\$	471.00
31	Asphalt Emulsion Fog Seal CQS-LM, > 100 TONS	\$	471.00	1	TON	\$	471.00
	Fog Seal Binder - Haul and Apply Services	\$	250.00	1	TON	\$	250.00
3K	Traffic Control-Fog Seal (Based on Binder TON)	\$	140.00	1	TON	\$	140.00
3L	PMM Seal Coat	\$	0.62	1	SY	\$	0.62
3M	MTR Seal Coat	\$	0.34	1	SY	\$	0.34
3N	Seal Coat Binder - Haul and Apply Services	\$	475.00	1	TON	\$	475.00
30	Traffic Control-Seal Coat (Based on Binder TON)	\$	250.00	1	TON	\$	250.00
3P	Message Board (Per Unit Per Day)	\$	60.00	1	DY	\$	60.00
Item No.	Chip and Scrub Seal Items		Unit Price	Qty	UofM	83	Total Price
4	Chip Seal Binder: AC15-5TR, < 300 TONS	\$	570.00	1	TON	\$	570.00
	Chip Seal Binder: AC15-5TR, > 300 TONS	\$	570.00	1	TON	\$	570.00
4A	Chip Seal Binder: MC-800 TR, < 300 TONS	\$	581.00	1	TON	\$	581.00
4B	Chip Seal Binder: MC-800 TR, < 300 TONS  Chip Seal Binder: MC-800 TR, > 300 TONS	\$	581.00	1	TON	\$	581.00
		\$	621.00	1	TON	\$	621.00
4D_	Chip Seal Binder: Asphalt Rubber (PG 64-16, 18% Tire Rubber), < 300 TONS	\$	621.00	1	TON	\$	621.00
4E	Chip Seal Binder: Asphalt Rubber (PG 64-16, 18% Tire Rubber), > 300 TONS		621.00	1	TON	\$	621.00
4F	Chip Seal Binder: Asphalt Rubber (PG 58-22, 18% Tire Rubber), < 300 TONS	\$			TON	\$	
4G	Chip Seal Binder: Asphalt Rubber (PG 58-22, 18% Tire Rubber), > 300 TONS	\$	621.00	1	i –	1	621.00
4H	Chip Seal Binder: RAB (Rubberized Asphalt Binder, Field Blend), < 300 TONS	\$	631.00	1	TON	\$	631.00
41	Chip Seal Binder: RAB (Rubberized Asphalt Binder, Field Blend), > 300 TONS  Chip Seal Binder: Polymer Modified Asphalt Rubber (PG 64-16, 16% Tire Rubber,	\$	631.00	1	TON	\$	631.00
41	3% SBS Polymer), < 300 TONS	\$	684.00	1	TON	\$	684.00
,	Chip Seal Binder: Polymer Modified Asphalt Rubber (PG 64-16, 16% Tire Rubber,	+				1	
4K	3% SBS Polymer), > 300 TONS	\$	684.00	1	TON	\$	684.00
4L	Chip Seal Binder: Polymer Modified Asphalt Rubber (PG 58-22, 16% Tire Rubber,						
76	3% SBS Polymer), < 300 TONS	\$	684.00	1	TON	\$	684.00

	Chip Seal Binder: Polymer Modified Asphalt Rubber (PG 58-22, 16% Tire Rubber,	Т	<u> </u>				1
41/4	3% SBS Polymer), > 300 TONS	\$	684.00	1	TON	\$	684.00
4N	Chip Seal Binder: CRS-TR, < 300 TONS	\$	484.00	1	TON	\$	484.00
40	Chip Seal Binder: CRS-TR, > 300 TONS	\$	484.00	1	TON	\$	484.00
4P	Chip Seal Binder: CRS-2P, < 300 TONS	\$	388.00	1	TON	\$	388.00
4Q	Chip Seal Binder: CRS-2P, > 300 TONS	\$	388.00	1	TON	\$	388.00
4R	Chip Seal Binder - Haul & Apply Services	\$	109.00	1	TON	\$	109.00
45	Scrub Seal Binder: Rubberized Asphalt Scrub Seal Binder (Blended Base Asphalt,	Ι.	- ^-				
43	10% Tire Rubber, 2% SBS Polymer), < 300 TONS	\$	655.00	1	TON	\$	655.00
4T	Scrub Seal Binder: Rubberized Asphalt Scrub Seal Binder (Blended Base Asphalt, 10% Tire Rubber, 2% SBS Polymer), > 300 TONS	\$	655.00	1	TON	\$	655.00
4U	Scrub Seal Binder - Haul & Apply Services	\$	189.00	1	TON	\$	189.00
4V	Chip Seal Aggregate - HVT Pre-Coated	\$	101.00	1	TON	\$	101.00
	Chip Seal Aggregate - IVV Pre-Coated	\$	101.00	1	TON	\$	101.00
4W	Chip Seal Aggregate - HVT Non-Coated	\$	79.00	1	TON	\$	79.00
4X	Chip Seal Aggregate - LVT Non-Coated	\$	79.00	1	TON	\$	79.00
47		\$	170.00	1	TON	\$	170.00
42	Scrub Seal Aggregate   Traffic Control-Chip and Scrub Seal (Based on Binder TON)	\$	53.00	1	TON	\$	53.00
4AA 4BB	Message Board (Per Unit Per Day)	\$	60.00	1	DY	5	60.00
Item No.	Slurry/Micro Seal	:	Unit Price	Qty	UofM	20	Total Price
5	Micro Surface Binder: LMCQSTR-MS, < 300 TONS	\$	658.00	1	TON	\$	658.00
5A	Micro Surface Binder: LMCQSTR-MS, < 300 TONS  Micro Surface Binder: LMCQSTR-MS, > 300 TONS	\$	628.00	1	TON	\$	628.00
5B	Micro Surface Binder: MSE (MAG Spec.), < 300 TONS	\$	504.00	1	TON	\$	504.00
5C	Micro Surface Binder: MSE (MAG Spec.), > 300 TONS	\$	474,00	1	TON	\$	474.00
5D	Micro Surface Binder: MSE (MAS Specify > 350 1015)	\$	501.00	1	TON	\$	501.00
5E	Micro Surface Binder: CQSLM, < 300 TONS	\$	471.00	1	TON	\$	471.00
5F	Micro Surface Binder: CQSPM, < 300 TONS	\$	551.00	1	TON	\$	551.00
5G	Micro Surface Binder: CQSPM, > 300 TONS	\$	510.00	1	TON	\$	510.00
5H	Micro Surface Binder: CQSLM TR, < 300 TONS	\$	656.00	1	TON	\$	656.00
51	Micro Surface Binder: CQSLM TR, > 300 TONS	\$	626.00	1	TON	s	626.00
51	Slurry Seal Binder: LMCQSTR, < 300 TONS	\$	671.00	1	TON	\$	671.00
5K	Slurry Seal Binder: LMCQSTR, > 300 TONS	\$	631.00	1	TON	\$	631.00
5L	Slurry Seal Binder: LMCQS, < 300 TONS	\$	546.00	1	TON	\$	546.00
5M	Slurry Seal Binder: LMCQS, > 300 TONS	\$	501.00	1	TON	\$	501.00
5N	Slurry Seal Binder: PMCQS (Solid Polymer SBS), < 300 TONS	\$	575.00	1	TON	\$	575.00
50	Slurry Seal Binder: PMCQS (Solid Polymer SBS), > 300 TONS	\$	530.00	1	TON	\$	530.00
SP	Slurry Seal Binder: PMQS h, < 300 TONS	1	NO BID	1	TON		NO BID
5Q	Slurry Seal Binder: PMQS h, > 300 TONS	+	NO BID	1	TON		NO BID
5R	Slurry Seal Binder: CQS, < 300 TONS	\$	444.00	1	TON	\$	444.00
55	Slurry Seal Binder: CQS, > 300 TONS	\$	416.00	1	TON	\$	416.00
5T	Slurry Seal Binder: CQSLM, < 300 TONS	5	546.00	1	TON	\$	546.00
50	Slurry Seal Binder: CQSLM, > 300 TONS	\$	501.00	1	TON	\$	501.00
	and the state of t				TON	\$	583.00
SV	Slurry Seal Binder: COS TR. < 300 TONS	15	563.00	1 1	LION	1 2	
5V 5W	Slurry Seal Binder: CQS TR, < 300 TONS  Slurry Seal Binder: CQS TR, > 300 TONS	\$	583.00 535.00	1	TON	-	535.00
5V 5W	Slurry Seal Binder: CQS TR, < 300 TONS  Slurry Seal Binder: CQS TR, > 300 TONS  Slurry Seal Binder: CQSLM TR, < 300 TONS	\$	535.00 671.00			\$	

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5Z	Slurry Seal Aggregate (Type I) Residential	\$	220.00	1	TON	\$	220.00
5AA	Slurry Seal Aggregate (Type II) Residential	\$	126.00	1	TON	\$	126.00
5BB	Slurry Seal Aggregate (Type II) Arterial	\$	129.00	1	TON	\$	129.00
5CC	Slurry Seal Aggregate (Type III) Residential	\$	123.00	1	TON	\$	123.00
5DD	Slurry Seal Aggregate (Type III) Arterial	\$	125.00	1	TON	\$	125.00
5EE	Micro Surfacing Aggregate (Type II)	\$	153.00	1	TON	\$	153.00
5FF	Micro Surfacing Aggregate (Type III)	\$	127.00	1	TON	\$	127.00
5GG	Slurry Seal & Micro Seal Fiber Additive	\$	6.00	1	LBS	\$	6.00
SHH	Traffic Control - Slurry and Micro Seal (Based on Binder TON)	\$	150.00	1	TON	\$	150.00
511	Message Board (Per Unit Per Day)	\$	70.00	1	DY	\$	70.00
Item No.	Paving & Roadway	U	nit Price	Qty	UofM	9	Total Price
100	Asphalt Concrete Pavement (Marshall 1/2" Mix Low Traffic) <1000 TONS	\$	89.50	1	TON	\$	89.50
101	Asphalt Concrete Pavement (Marshall 1/2" Mix Low Traffic) >1000 TONS	\$	87.75	1	TON	\$	87.75
102	Asphalt Concrete Pavement (Marshall 1/2" Mix High Traffic) <1000 TONS	\$	86.25	1	TON	\$	86.25
103	Asphalt Concrete Pavement (Marshall 1/2" Mix High Traffic) >1000 TONS	\$	84.50	1	TON	\$	84.50
104	Asphalt Concrete Pavement (Marshall 3/4" Mix Low Traffic) <1000 TONS	\$	86.25	1	TON	\$	86.25
105	Asphalt Concrete Pavement (Marshall 3/4" Mix Low Traffic) >1000 TONS	\$	84.50	1	TON	\$	84.50
106	Asphalt Concrete Pavement (Marshall 3/4" Mix High Traffic)<1000 TONS	\$	86.25	1	TON	\$	86.25
107	Asphalt Concrete Pavement (Marshall 3/4" Mix High Traffic)>1000 TONS	\$	84.50	1	TON	\$	84.50
108	Asphalt Concrete Pavement (Superpave 1/2" Mix) <1000 TONS	\$	86.25	1	TON	\$	86.25
109	Asphalt Concrete Pavement (Superpave 1/2" Mix) >1000 TONS	\$	84.50	1	TON	\$	84.50
110	Asphalt Concrete Pavement (Superpave 3/4" Mix) <1000 TONS	\$	85.25	1	TON	\$	85.25
111	Asphalt Concrete Pavement (Superpave 3/4" Mix) >1000 TONS	\$_	83.50	1	TON	\$	83.50
112	Asphalt-Rubber Concrete Pavement <1000 TONS	\$	107.50	1	TON	\$	107.50
113	Asphalt-Rubber Concrete Pavement >1000 TONS	\$	105.75	1	TON	\$	105.75
114	Pavement Fabric Interlayer	\$	1.62	1	SY	\$	1.62
115	Lime Water Application	\$	0.13	1	SY	\$	0.13
116	Bituminous Tack Coat (CSS-1H, Diluted)	\$	497.00	1	TON	\$	497.00
117	Asphaltic Concrete Patching (Remove And Replace)	\$	292.00	1	TON	\$	292.00
118	Asphaltic Concrete Patching (Pothole Patching)	\$	1,500.00	1	TON	\$	1,500.00
119	Subgrade Prep	\$	1.75	1	5Y	\$	1.75
120	Aggregate Base Course	\$	23.25	1	TON	\$	23.25
121	Geogrids and Engineering Geotextiles	\$	2.50	1	SY	\$	2.50
122	Fly Ash (AASGTO M-295, Class F)	\$	207.00	1	TON	\$	207.00
123	Lime Slurry Stabilization, 6" depth < 10,000 SY	\$	3.75	11	SY	\$	3.75
124	Lime Slurry Stabilization, 6" depth > 10,000 SY	\$	2.75	1	SY	\$	2.75
125	Lime (CaO and MgO)	\$	173.00	1	TON	\$	173.00
126	Soil Cement Base Course per 4" later depth, < 10,000 SY	\$	3.65	1	SY	\$	3.65
127	Soil Cement Base Course per 4" later depth, > 10,000 SY	\$	2.65	1	SY	\$	2.65
128	Recondition Shoulder	\$	2.15	1	SY	\$	2.15
129	Shoulder Build-Up Material	\$	27.50	1	TON	\$	27.50
130	Saw Cut Asphaltic Concrete Pavement (Per Inch Foot)	\$	0.40	1	LF	\$	0.40
131	Roadway Excavation, Including Haul Off	\$	38.00	1	CY	\$	38.00
132	Borrow / Import	\$	32.00	1	CY	\$	32.00
133	Asphaltic Concrete Pavement Milling (Edge Mill) (0-7')	\$	1.78	1	SY	\$	1.78

134	Asphaltic Concrete Pavement Milling, Depth < 3", < 4000 SY	\$	4.02	1	SY	\$	4.02
	Asphaltic Concrete Pavement Milling, Depth < 3", > 4000 SY	\$	2.65	1	SY	\$	2.65
136	Asphaltic Concrete Pavement Milling, Depth > 3", < 6", < 4000 SY	\$	5.64	1	SY	\$	5.64
137	Asphaltic Concrete Pavement Milling, Depth > 3", < 6", > 4000 SY	\$	4.54	1	SY	\$	4.54
138	Asphaltic Concrete Pulverizing (Up To 6" In Depth)	\$	1.00	1	SY	\$	1.00
139	Asphalt Profiling (Micro Milling 1 to 20,000 SY)	\$	1.69	1	SY	\$	1.69
140	Asphalt Profiling (Micro Milling 20,001 to 40,000)	\$	1.55	1	SY	\$	1.55
	Asphalt Profiling (Micro Milling 40,001 to 40,000)	\$	1.44	1	SY	\$	1.44
141		\$	1.36	1	SY	\$	1.36
	Asphalt Profiling (Micro Milling 80,001 to 140,000)	\$	1.29	1	SY	\$	1.29
143	Asphalt Profiling (Micro Milling 140,001 to 200,000)  Concrete	16-0	Unit Price	Qty	UofM	i vie	Total Price
Item No.	Parado Pa			1	EA	\$	2,200.00
200	Concrete Handicap Ramp	\$	2,200.00			-	
201	Concrete Sidewalk (4" Thick)	\$	3.75	1	SF	\$	3.75
202	Concrete Curb & Gutter (MAG Detail 220-1 (Type A, B, C, Or D))	\$	21.00	1	LF	\$	21.00
203	Concrete Driveway (MAG Detail 250)	\$	6.25	1	SF	\$	6.25
204	Concrete Valley Gutter (MAG Detail 240)	\$	16.50	1	SF	\$	16.50
205	Remove Existing Concrete Curb And Gutter	\$	4.25	1	LF	\$	4.25
206	Remove Existing Concrete Flatwork-Sidewalk, Driveway, Etc.	\$	2.75	1	SF	\$	2.75
207	Saw Cut Concrete Flatwork (Per Inch Foot)	\$	1.25	1	LF	\$	1.25
208	Concrete Catch Basin (MAG Detail 530, Type A)	\$	6,145.00	1	EA	\$	6,145.00
209	Concrete Catch Basin (MAG Detail 530, Type B)	\$	6,570.00	1	EA	\$	6,570.00
210	Concrete Catch Basin (MAG Detail 530, Type C)	\$	6,995.00	1	EA	\$	6,995.00
211	Concrete Catch Basin (MAG Detail 530, Type D)	\$	7,420.00	1	EA	\$	7,420.00
212	Concrete Headwall (MAG Detail 501 - U Type)	\$	5,930.00	1	EA	\$	5,930.00
213	Concrete Cut Off Wall (1'x4')	\$	135.50	_ 1	LF	\$	135.50
214	Concrete Cut Off Wall (1'x2')	\$	113.75	1	LF	\$	113.75
Item No.	Rip Rap & DG	100	Unit Price	Qty	UofM	1	Total Price
300	Rip Rap D50 = 6"	\$	218.00	1	CY	\$	218.00
301	Rip Rap D50 = 9"	\$	225.00	1	CY	\$	225.00
302	D: 0 DEO 4311					, v	
	Rip Rap D50 = 12"	\$	230.00	1	CY	\$	230.00
303	Grouted Rip Rap D50 = 6"	\$	230.00 395.00	1		1	230.00 395.00
303 304	Grouted Rip Rap DS0 = 6"	_			CY	\$	
		\$	395.00	1	CY CY	\$	395.00
304 305	Grouted Rip Rap D50 = 6" Grouted Rip Rap D50 = 9" Grouted Rip Rap D50 = 12"	\$	395.00 400.00	1	CY CY	\$	395.00 400.00 405.00
304	Grouted Rip Rap D50 = 6" Grouted Rip Rap D50 = 9"	\$ \$ \$	395.00 400.00 405.00	1 1 1	CY CY CY CY	\$ \$ \$	395.00 400.00 405.00
304 305 306	Grouted Rip Rap D50 = 6" Grouted Rip Rap D50 = 9" Grouted Rip Rap D50 = 12" Decomposed Granite (2" Thick)	\$ \$ \$	395.00 400.00 405.00 8.00	1 1 1	CY CY CY CY SY	\$ \$ \$	395.00 400.00 405.00 8.00
304 305 306 Item No. 400	Grouted Rip Rap D50 = 6" Grouted Rip Rap D50 = 9" Grouted Rip Rap D50 = 12" Decomposed Granite (2" Thick) Striping & Signs Remove Thermoplastic Stripe	\$ \$ \$	395.00 400.00 405.00 8.00 Unit Price	1 1 1 1 Qty	CY CY CY CY SY UofM	\$ \$ \$ \$	395.00 400.00 405.00 8.00 Total Price 0.55
304 305 306 Item No. 400 401	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend	\$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price	1 1 1 Qty	CY CY CY CY SY UofM	\$ \$ \$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00
304 305 306 Item No. 400 401 402	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker	\$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price 0.55 88.00	1 1 1 1 Qty 1	CY CY CY CY SY UofM LF EA	\$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00 2.35
304 305 306 Item No. 400 401 402 403	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker  15 MIL (4") White Traffic Paint Stripe	\$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price 0.55 88.00 2.35	1 1 1 1 Qty 1 1	CY CY CY CY SY UofM LF EA EA	\$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00 2.35 0.20
304 305 306 Item No. 400 401 402 403 404	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker  15 MIL (4") White Traffic Paint Stripe  15 MIL (4") Yellow Traffic Paint Stripe	\$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price 0.55 88.00 2.35 0.20	1 1 1 1 Qty 1 1 1 1	CY CY CY CY SY UofM LF EA LF LF	\$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00 2.35 0.20
304 305 306 Item No. 400 401 402 403 404 405	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker  15 MIL (4") White Traffic Paint Stripe  Paint Symbol Arrow	\$ \$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price 0.55 88.00 2.35 0.20 0.20	1 1 1 1 Qty 1 1 1 1	CY CY CY SY UofM LF EA LF LF LF EA	\$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00 2.35 0.20 0.20
304 305 306 Item No. 400 401 402 403 404 405 406	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker  15 MIL (4") White Traffic Paint Stripe  15 MIL (4") Yellow Traffic Paint Stripe  Paint Symbol Arrow  Paint Symbol (RR Crossing)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 8.00 Unit Price 0.55 88.00 2.35 0.20 0.20 88.00 175.50	1 1 1 1 1 1 1 1 1 1 1	CY CY CY CY SY UofM LF EA LF LF EA EA	\$ \$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 <b>Total Price</b> 0.55 88.00 2.35 0.20 0.20 88.00 175.50
304 305 306 Item No. 400 401 402 403 404 405	Grouted Rip Rap D50 = 6"  Grouted Rip Rap D50 = 9"  Grouted Rip Rap D50 = 12"  Decomposed Granite (2" Thick)  Striping & Signs  Remove Thermoplastic Stripe  Remove Thermoplastic Symbol Or Legend  Remove Raised Pavement Marker  15 MIL (4") White Traffic Paint Stripe  Paint Symbol Arrow	\$ \$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Unit Price 0.55 88.00 2.35 0.20 0.20	1 1 1 1 Qty 1 1 1 1	CY CY CY SY UofM LF EA LF LF LF EA	\$ \$ \$ \$ \$ \$ \$ \$	395.00 400.00 405.00 8.00 Total Price

410	60 MIL (4") Yellow Thermoplastic Traffic Stripe	\$	0.45	1	LF	\$	0.45
411	Transverse Thermoplastic 4" Equivalent	\$	0.65	1	LF	\$	0,65
412	Thermoplastic Pavement Arrow 90 MIL	\$	158,00	1	EA	\$	158,00
413	Thermoplastic Symbol, RR Crossing 90 MIL	\$	345.50	1	EA	\$	345,50
414	Thermoplastic Legend "Only" 90 MIL	\$	158,00	1	EA	\$	158.00
415	25 MIL (4") White Dual Component Pavement Marking (Epoxy)	\$	0.41	1	LF	\$	0.41
416	25 MIL (4") Yellow Dual Component Pavement Marking (Epoxy)	\$	0.41	1	LF	\$	0.41
417	Transverse Dual Component Pavement Marking (Epoxy) 4" Equivalent	\$	0.80	1	LF	\$	0.80
418	Dual Component Pavement Marking Symbol (Epoxy)	\$	322.00	1	EA	\$	322.00
419	Dual Component Pavement Marking Legend (Epoxy)	\$	322.00	1	EA	\$	322.00
420	Pre-Formed Tape Striping (3M 270 Series) 4" Equivalent	\$	2.30	1	LF	\$	2.30
	Pre-Formed Symbol (3M 270 Series)	\$	205,00	1	EA	\$	205.00
422	Pre-Formed Legend (3M 270 Series)	\$	229.00	1	EA	\$	229.00
423	Reflectorized Raised Pavement Marker (Type D, Yellow 2-Way)	\$	4.10	1	EA	\$	4.10
	Reflectorized Raised Pavement Marker (Type G, Clear, 1 Way)	\$	4.10	1	EA	\$	4.10
	Reflectorized Riased Pavement Marker (Type H, Yellow 1-Way)	\$	4.10	1	EA	\$	4.10
426	Reflectorized Raised Pavement Marker (Type 911-A, Blue 2-Way)	\$	4.10	1	ΕA	\$	4.10
427	Remove & Salvage Traffic Sign	\$	141.00	1	EA	\$	141.00
428	Perforated Sign Post	\$	14.50	1	LF	\$	14.50
429	Perforated Sign Post Foundation	\$	205.00	1	EA	\$	205.00
430	U-Channel Sign Post	\$	11.50	1	LF	\$	11.50
431	U-Channel Base Post Installation	\$	176.00	1	EA	\$	176.00
432	Flat Sheet Aluminum Sign Panel, High Intensity Grade	\$	25.75	1	\$F	\$	25.75
433	Flat Sheet Aluminum Sign Panel, Diamond Grade	\$	30.50	1	SF	\$	30.50
Item No.	Survey Monuments & Adjustments	3	Unit Price	Qty	UofM	MA.	Total Price
500	Survey Marker, MAG Det 120-2, Type D	\$	305.00	1	EA	\$	305.00
501	Survey Marker, MAG Det. 120-2, Type E	\$	615.00	1	EA	\$	615.00
502	Adjust Frame & Cover To Grade, MAG Det. 270	\$	445.00	1	EA	\$	445.00
503	Adjust Water Valve Box & Cover, MAG Det. 391-1-A	\$	422.00	1	EA	\$	422.00
504	Adjust Water Valve Box & Cover, MAG Det. 391-1-B	\$	422.00	1	EA	\$	422.00
505	Adjust Water Valve Box & Cover, MAG Det. 391-1-C	\$	422.00	1	EA	\$	422.00
506	Adjust Frame & Cover To Grade, MAG Det. 422	\$	697.00	1	EA	\$	697.00
507	Pre-Lower Utilities (All Types)	\$	265.00	1	EA	\$	265.00
Item No.	Electrical		Unit Price	Qty	UofM		Total Price
600	6' X 6' Detector Loop	\$	485.00	1	EA	\$	485.00
601	6' X 20' Quadrupole Loop	\$	860.00	1	EA	\$	860.00
602	6' X 30' Quadrupole Loop	\$	1,075.00	1	EA	\$	1,075.00
603	6' X 40' Quadrupole Loop	\$	1,390.00	1	EA	\$	1,390.00
604	6' X 50' Quadrupole Loop	\$	1,675.00	1	EA	\$	1,675.00
605	6' X 60' Quadrupole Loop	\$	1,775.00	1	EA	\$	1,775.00
Item No.	Miscellaneous And Other Work	Saute	Unit Price	Qty	UofM		Total Price
700	Traffic Control (Not for Items No. 1-5)	To	Be Negotiated	1	LS	То	Be Negotiated
701	Message Board (Per Unit Per Day & Not for Items No. 1-5)	\$	50.00	1	DY	\$	60.00
702	Uniformed Off-Duty Pinal County Sheriff Deputy & Official Vehicle	\$	45.00	1	HR	\$	45.00
703	Flagging Services (Hours Vary By Job)	\$	32.00	1	HR	\$	32.00

704	Pilot Car And Driver (Hours Vary By Job)	\$ 55.00	1	HR	\$ 55.00
705	Document Existing Pavement Markings	To Be Negotiated	1	LS	To Be Negotiated
706	Survey (Sealed Plans)	To Be Negotiated	1	LS	To Be Negotiated
707	AZPDES	To Be Negotiated	1	L\$	To Be Negotiated
708	Miscellaneous Removals And Other Work	To Be Negotiated	1	LS	To Be Negotiated
709	Clear and Grubb	To Be Negotiated	1	LS	To Be Negotiated
710	Landscaping And Planting	To Be Negotiated	1	LS	To Be Negotiated
711	Remove & Dispose of Trees, Diameter > 12"	\$ 875.00	1	EA	\$ 875.00
712	Native Hydro Seeding	\$ 1.50	1	SY	\$ 1.50
713	Excavator	\$ 250.00	1	HR	\$ 250.00
714	Backhoe	\$ 80.00	1	. HR	\$ 80.00
715	Grader	\$ 130.00	1	HR	\$ 130.00
716	Dozer	\$ 260.00	1	HR_	\$ 260.00
717	Dump Truck	\$ 95.00	1	HR	\$ 95.00
718	Water Truck (2000 Gal)	\$ 70.00	1	HR	\$ 70.00
719	Water Truck (4000 Gal)	\$ 85.00	1	HR	\$ 85.00
720	Paved Surface Cleaning	\$ 1,000.00	1	MILE	\$ 1,000.00
721	Culvert Removal	\$ 65.00	1	LF	\$ 65.00
722	18" Corrugated Metal Pipe (Supply, Prepare Base, Install)	\$ 75.00	1	LF	\$ 75.00
723	24" Corrugated Metal Pipe (Supply, Prepare Base, Install)	\$ 85.00	1	LF	\$ 85.00
724	36" Corrugated Metal Pipe (Supply, Prepare Base, Install)	\$ 100.00	1	LF	\$ 100.00
725	Clean Sign Face	\$ 60.00	1	EA	\$ 60.00
726	Install New ADOT Spec. 7.5' Unit Cattle Guard w/Base	\$ 5,500.00	1	EA	\$ 5,500.00
727	Culvert Cleaning (18" to 24")	\$ 4,000.00		EA	\$ 4,000.00
728	Culvert Cleaning (36")	\$ 4,500.00	1	EA	\$ 4,500.00
729	Pneumatically Placed Mortar (Shotcrete)	\$ 61.00	_	SY	\$ 61.00
730	Crush Millings & Stockpile	\$ 8.25		TON	\$ 8.25
730	Portland Cement ASTM C-150, Type II	\$ 155.00	<del>                                     </del>	TON	\$ 155.00
_	Petroleum Resin	\$ 300.00		TON	\$ 300.00
732		To Be Negotiated	_	LS	To Be Negotiate
733	Community Relations	To Be Negotiated		LS	To Be Negotiate
734	Project Video	\$ 2.75		SY	\$ 2.7
735	Acrylic Polymer Topical Dust Palliative			LS	To Be Negotiate
736	Materials Testing	To Be Negotiated	_		
737	Quality Control	To Be Negotiated		LS	To Be Negotiate
738	Permits	To Be Negotiated To Be Negotiated	7	LS	To Be Negotiate
739	Owner Contingency (Not to exceed 10% of original Task Order)				Total Price
Item No.	PG & Emulision Buy/Haul	Unit Price	Qty	UofM	
1000	Binder Buy FOB (Material Varies by Job)	To Be Negotiated	1	TON	To Be Negotiate
1001	Haul Rate (Portal to Portal)	\$ 95.00	+	HR	\$ 95.00
1002	Spreader Truck and Driver (Portal to Portal)	\$ 185.00	1	HR	\$ 185.00

#### Note:

- 1. If not otherwise specified, materials and construction methods will adhere to the latest MAG Specifications where applicable.
- 2. All unit costs shall be for material in place.
- 3. Mobilization is included in bid item unit price.



May 24, 2017

Cactus Asphalt, A Division of Cactus Transport, Inc. Bryan Glazer 8211 W. Sherman Street Tolleson, AZ 85353

RE: Contract Renewal - Pinal County Job Order Contract EC15008-1

Dear Mr. Glazer:

It is Pinal County's intention to offer the renewal of the Pavement Preservation and Repairs Services Contract for the '17-'18 Fiscal Year. The contract shall renew for Three Million dollars and zero cents \$3,000,000.00. All terms, conditions and pricing shall remain the same.

Upon approval by the Board of Supervisors the term of the contact shall be renewed for another year from July 6, 2017 to July 5, 2018.

Please sign and notarize the attached renewal form, acknowledging your acceptance of the contract renewal and return no later than Friday June 2, 2017.

Sincerely,

Louis Andersen,

**Director Public Works** 



### Page 2: Pinal County Job Order Contract EC15 008-1

Name  Manasing PAATNER  Title  CACTUS AS PHAH, A DIVISION OF Business Name	-26	
DATED <u>5/31</u> , 2017.		
(Partnership/corporate Acknowledgement)	PINAL COUNTY BOARD O	)F
STATE OF ARIZONA ) ) ss COUNTY OF Maricopa )	Ву:	
	Chairman	Date
the undersigned Notary Public, this 31 day of, 2017,	ATTEST:	
by Bryan Glazer (Name) who acknowledged himself /herself to be Mausing Parker (Title) A Division of Cactus Transport Inc.	Clerk of the Board	Date
a(n) Arizona partnership/corporation and		
being duly authorized to do so, executed the foregoing instrument on behalf of said entity  My Commission expires:	Approved as to form and will and authority granted by Pir the laws of the State of Arizo	nal County under
Notary Public	PINAL COUNTY ATTORNE  Mark Languitz	Y SKyly) Date
LORI SPRADLIN Notary Public - Arizona Maricopa County My Comm. Expires Jun 6, 2018		

### Memorandum



**To:** Brent Billingsley, Town Manager

**From:** Bryan C. Hughes, Community Servces Director

**Date:** July 31, 2017

Re: July 2017 Department Report

The Fourth of July Freedom Fest was another huge success. The day started with a free swim at the Aquatic Center with 654 participants coming to the facility from 12 p.m. to 5 p.m. Activities began at Heritage Park at 3 p.m. with Mud Volleyball, bingo, corn hole and inflatables for kids. The Florence Teen Council organized games from 4 p.m. to 6 p.m. and the headlining band, the Big Zephyr, took the stage from 6 p.m. to 8:30 p.m. The Town was fortunate to have America's Got Talent sensation and local resident, Evie Clair, to sing the National Anthem before the night concluded with a fantastic fireworks display. Thank you to all our event partners and sponsors!

I had the opportunity to speak to the Florence Rotary Club at their meeting on July 13<sup>th</sup> at the GreenTree Inn and Suites about current events in Parks and Recreation.

The Dorothy Nolan Senior Center was closed for two days on July 17-18 while staff attended the Arizona Senior Center Association Conference at the Prescott Resort and Conference Center. Facility maintenance staff used the closure as an opportunity to perform some light maintenance to the facility.

I attended the Maricopa Association of Governments (MAG) Bicycle and Pedestrian Committee meeting on July 18<sup>th</sup>. I was recently added to the committee representing the Town and will take part in the monthly meetings.

I attended the Library Advisory Board meeting on July 19<sup>th</sup> to introduce myself to the board and answer any questions about the Town reorganization and the newly formed Community Services Department.

Laura Carter, Jennifer Evans and myself met with Eddie Caine, Mobility Manager for the Central Arizona Governments (CAG) on July 21<sup>st</sup> to go over items related to the ADOT 5310 grant the Town was awarded for an accessible van.

The Florence Sharks Swim Team hosted the Central Arizona Swimming League's final swim meet on July 22<sup>nd</sup> at the Aquatic Center.

The Parks and Recreation Advisory Board met on July 27<sup>th</sup>. This was the first meeting since January.

Teen Night at the Aquatic Center was held on Friday, July 28<sup>th</sup>. One more Teen Night will be held the last Friday of the month in August.

During the month of July, the Aquatic Center had just over 5,100 attendees at Open Swim and events.

During the month of July, 57 kids participated in swim lessons at the Aquatic Center and 25 adults participated in Aqua Exercise and Aqua Zumba.

Summer Kids Club at the Library and Community Center has been going strong through the month of June. 75 kids participated in the program in the month of July.

# Parks and Recreation Department Divisions Report JUNE 2017

**Recreation/Aquatics/Special Events Programs** 

Recreation/Aquatics/Special Events Programs									
<b>Recreation Programs</b>	<b>Participants</b>	Revenue	Notes						
Summer Kids Club -	55	\$3,315							
Anthem									
Summer Kids Club -	125	\$7,875							
Florence									
SKC Drop-In	66	\$990							
D-Backs Game	14	\$210							
Open Swim Child	4,605	\$4,605							
Open Swim Adult	2,293	\$6,879							
Adult Lap Swim	45	\$135							
Lap Swim – Fitness	13	\$0	Free Admission with Fitness						
Members			membership						
Aqua Aerobics	11	\$210							
Aqua Zumba	13	\$250							
Jr. Lifeguarding	1	\$20							
Swim Lessons	128	\$2,625							
Father's Day	47	\$0	Free Admission for Fathers						
Teen Night	50	\$0	Free Admission						
SKC Swim Time	245	\$0	Free Admission for SKC						
FUSD Swim Time	433	\$0	Free Admission for FUSD						
Resident Adult- Swim	2	\$120							
Pass									
Resident Child- Swim	6	\$120							
Pass									

### **Facility Use Permits**

Number of Facility Use Permits	Number of Bookings	Estimated Number of Participants	Revenue Generated
48	230	5,179	\$1,305

Fitness Center - Membership Package

Fitness Package Sales	Issued	Total	Revenue
Adult Annual			\$0
Adult 6 Month	1	75	\$90
Adult Monthly	82	1,869	\$1,458
Sr. Annual			\$0
Sr. 6 Month	4	119	\$240
Sr. Monthly	29	598	\$360
Employee Pass	17	167	Free
Green Tree Inn	21	415	\$675
Youth Monthly	10	99	\$120
Drop-In Fitness	22	22	\$110
Total Memberships	186	3,364	\$3,053

### **Fitness Center Classes**

Program	Resident	Non-Resident	Revenue	Notes
Silver Sneakers Classic	0		\$0	
Silver Sneakers Classes	0		\$0	
Zumba Class	0		\$0	
Circuit Training	2		\$10	
Stretch it Out	1		\$0	
Exercise Class	0		\$0	

- Estimated member sign-ins throughout the month: 1170
- Total membership packages sold: 186
- Fitness Center revenue for membership package sales: \$3,053
- Fitness Classes revenue: \$10
- Total Revenue: \$3,063

### Miscellaneous Revenue

Product	Total	Revenue	Notes
150 <sup>th</sup> Commemorative Mouse		\$	
Pads			
150 <sup>th</sup> Commemorative Mugs		\$	
150 <sup>th</sup> Commemorative T-Shirt		\$	
150 <sup>th</sup> Commemorative Banners		\$	
Fitness Center Replacement Key		\$	
July 4 <sup>th</sup> Special Event Vendor	7	\$700	
Swim Diapers	2	\$2	

**Dorothy Nolan Senior Center** 

Activity	Monthly Total
Anthem Pharmacy/Shopping	17
Arts with Doris	5
Angel Care Discussion	17
Back Space 3, Yahtzee, Skip Bo, Dominoes, Cards, Cribbage, Phase 10, Wii	100
Bowling, Pool Tournament	
Bingo	87
Birthday Cards	6
Bible Study	34
Breakfast	97
Blood Pressures-Gemini with Diane	0
Blood Pressures – Florence Fire	22
Bunko	12
Building Use	850
CAHRĂ	14
Coolidge Shopping	4
County Food Boxes	22
Diabetic Presentation by: Diabetic Academy	0
Dinner Club – Dragon City	13
Dollar Store	9
Dental Clinic	9
Exercise Block Walk	5
Extension Food Program – Isabelle	7
Fitness Center	5
Grief Support	3
Guardian Angel Installation	2
Hair Cuts By Tamara	3
Healthy Eating by Lou	11
Home Delivered meals – participants 2-on Weekend meals 16 Participants	340
Knit/Crochet Club	0
Lost Meals	21
Medicare Advocate Benefits	14
Movie & Popcorn	15
Music by Rudy	41
Senior Donation Account Meal Participants- Safeway Deli	20
Senior Hot Topics	18
Support Group – Hospice	5
Staff Cooked meals & senior meal	75
Tech Savvy	1
TRIAD Meeting	0
Volunteer Hours	26/240
Wii bowling /Volleyball	0

**Accomplishments:** The Center served 393 meals to 56 participants. We had 3 new senior participants this month. Rides were provided for riders, 221 trips to the Center and 13 errands and 6 special events. We traveled 1343 miles.

Special Programming/Events: Father's Day Event 24, National Dare Day 10

Page 4
Parks and Recreation
July 2017 Monthly Report

# Florence Community Library June 2017

#### **June Statistics**

- 12,172 total items were circulated in June
- 172 library cards were issued
- 1,036 patrons signed up for use of the computer lab computers
- 2,519 wireless sessions were held
- 307 person(s) attended 26 program(s) presented by the library

### **June Activities**

Julio 7 (Juli 1) (	
6/05/17	Bricks 'n' Blocks
6/06/17	Teen/'Tween Gaming
6/07/17	Family Storytime
6/08/17	Craft
6/08/17	Code Club
6/09/17	Family Movie
6/10/17	June Library Movie
6/12/17	Bricks 'n' Blocks
6/13/17	Teen/'Tween Gaming
6/14/17	Family Storytime
6/15/17	Craft
6/15/17	Code Club
6/16/17	Family Movie
6/19/17	Bricks 'n' Blocks
6/20/17	Teen/'Tween Gaming
6/21/17	Family Storytime
6/22/17	Craft
6/22/17	Code Club
6/23/17	Family Movie
6/24/17	Home Depot Building Clinic
6/26/17	Bricks 'n' Blocks
6/27/17	Teen/'Tween Gaming
6/28/17	Family Storytime
6/29/17	Craft
6/29/17	Code Club
6/30/17	Family Movie

### **Summer Reading Thank You**

The Florence Community Library would like to thank the community for its participation and support during the 2017 Summer Reading program, "Build a Better World." Our thanks to Florence's families for the hundreds of hours of reading completed every summer.

We would also like to express appreciation for the ongoing public support of our programs, including full attendance for: the Home Depot Building Clinic on June 24; the Fly Guy's visit on July 6; and the *USS Indianapolis: The Legacy* screening and discussion on July 1.

The library thanks the Town of Florence for another successful summer program!

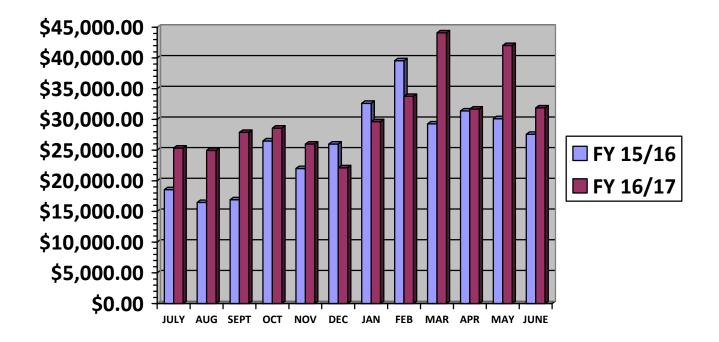
Court's has had a slow summer. The numbers are still above last year's revenue.

# COURT FINANCIAL REPORT

June 2017

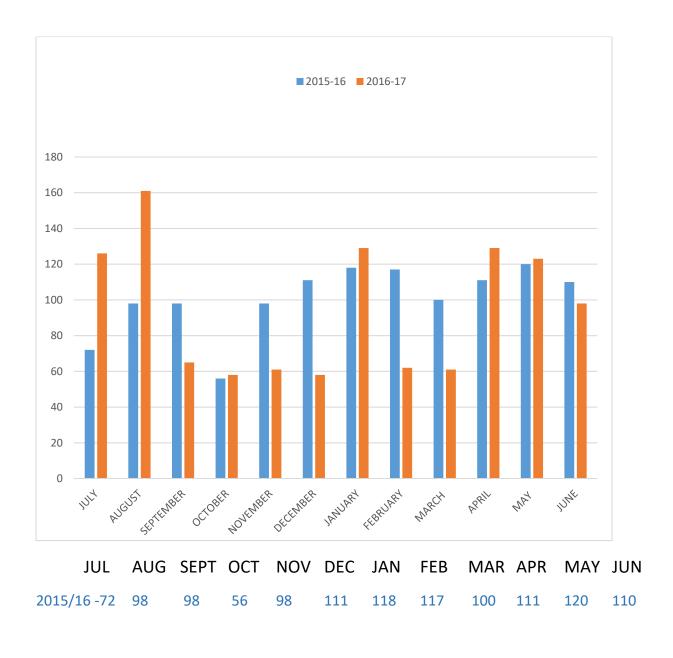
IRENE ENRIQUEZ – Court Administrator

DISTRIBUTION TYPE	JUNE 2017 (CURRENT)	JUNE 2016 (LAST YEAR)
FINE, FEES, & TRAFFIC	\$15,248.77	13,420.53
STATE SURCHARGES	8,974.46	8,738.18
STATE JCEF	424.90	444.61
LOCAL JCEF	228.79	239.40
STATE FINES	797.41	626.04
FLORENCE POLICE FUND	1,234.25	827.72
RESTITUTION	76.01	50.00
BONDS	1,063.00	1052.00
PUBLIC DEFENDER FEE	166.16	142.60
JAIL HOUSING FEES	1,348.93	537.68
JUSTICE COURT FEES	62.70	58.98
GENERAL FUND	11.53	0.00
FARE SPECIAL COLLECTION FEE		987.34
	1,577.26	
FARE DELINQUENCY FEE	481.91	341.06
VICTIMS RIGHTS ENFORC.	119.34	110.33
PCSO FUND	0.00	0.00
DOMESTIC VIOLENCE ASSESS	0.00	0.00
OVERPAYMENT REFUND	63.03	0.00
COUNTY REVENUE	62.70	58.98
STATE REVENUE	12,375.28	11,247.56
TOWN REVENUE	18,301.46	15,167.93
RESTITUTION AND BONDS	1,139.01	1,102.00
TOTAL MONTHLY REVENUE:	\$31,878.45	\$ 27,576.47



13.5% Increase from 2016

### **COMPLAINTS AND CITATION FILED**



2016/17 -126 161

# **CITATION BREAKDOWN**

Below are the types of cases filed for the month of JUNE 2017

CIVIL TRAFFIC VIOLATIONS	-	67
CRIMINAL TRAFFIC	-	15
CRIMINAL	-	8
DUI	-	3
DOMESTIC VIOLENCE	_	5



# TOWN OF FLORENCE

# **DEVELOPMENT SERVICES**

224 W. 20<sup>th</sup> Street Florence, AZ 85132 Office: 520-868-7542

FAX: 520-868-7546

# **MEMO**

MEETING DATE: July 17, 2017

**STAFF PRESENTER:** Christopher A. Salas, Development Services Director/Town Engineer

**SUBJECT:** Development Services Staffing Report

#### **PLANNING DIVISION**

#### General:

The Development Services re-organization has started on good terms with positive momentum. As of the writing of this document the Team has had three meetings to discuss ongoing projects. These meetings are essential to ensure all parties are on the same page and remove opportunities for permits to be issued when all parties are not in agreement. Workload analysis will be performed to monitor workloads and ensure we have the proper resources allocated to assist with the divisions that need it most.

# **Project Specifics:**

- Staff is still waiting for additional items from Circle K in order to proceed with their Development Agreement application.
- The residential remodeling of the historic home (Robles-Feliz-Lopez Home) located at Butte Avenue and Bailey Street has commenced. This permitted project has been reviewed and approved by the Historic District Advisory Commission.
- Staff continues to work with the owners and business operators associated with the historic Smith building downtown.
- The Planning Manager and four (4) members of the Historic District Advisory Committee attended the 2017 Arizona Historic Preservation Conference in Tucson. It provided staff and the HDAC with valuable information. It was claimed to be one of the best conferences in years. HDAC is ready to put that information to use and work with the property owners in the Historic District.
- Southwest Value Partners (SWVP) is continuing discussions with staff about potential land swaps, plats, purchases, etc. Discussions have slowed over the past few months.

- Staff continues to respond to inquiries regarding the purchase of land within the Anthem or Anthem at Merrill Ranch communities. This is an ongoing item. In general, staff believes that multiple parties are conducting their due diligence before going forward with possible land acquisitions.
- Merrill Ranch Units 10 and 11 Preliminary Plats were presented and approved by the Planning and Zoning Commission in June and will now move to the Final Plat phase.
- Anthem at Merrill Ranch Unit 38 Final Plat is scheduled for the next Town Council meeting.
- Staff received new submittals for Mesquite Trails. The Final Plats are for a re-subdivision of six (6) parcels and Parcel 5 to make room for the proposed North South Corridor. These replats are currently being reviewed by staff and will then be taken to Town Council.
- Staff is keeping in touch with ADOT on the proposed North-South Corridor and Passenger Rail
  projects. A long-awaited agency meeting was held recently to provide agencies with a project
  update. ADOT is committed to completing a draft Tier One Environmental Impact Study on the
  project and presenting a 1,500-foot-wide corridor for public review in 2017. Staff continues to
  advocate our preferences for both corridors in our land planning activities.
- The Town's draft revised Sign Code remains on hold as legal challenges to other city sign codes are settled and new sign code models are developed.
- The applicants for the Attaway Crossing Annexation met with staff and are gathering additional data to present regarding their options. This will include the Hunt Highway curve and how to realign it for safety.
- Staff met with the representatives from Monarch/Aspen Farms to discuss their existing PUD and DA and possible amendments. There are new owners of a portion of that PUD and they would like to move ahead with development.

# **ENGINEERING**

#### Diversion Dam Road/SR79 Signal:

Pole bases are in place without any known conflict issues. Project is on schedule. Weekly
progress meeting held at TOF Library every Tuesday, 11:00 AM to 12:00 noon.

# 1st St. Paving Project:

Engineering group (Wilson Co.) found issue with common pole located in existing curb at NW corner of Park and 1<sup>st</sup> St. Pole belongs to QWEST/Centurylink and they have agreed to relocate the pole out of Town ROW. COX is also on this pole, and Centurylink is coordinating with them to make the move. This work will be completed by end of July 2017 according to Centurylink.

### Florence Gardens Phase IV and V

- Public meeting completed
- 95% submittal in for review
- Working with EPS Group (Paving Project)

# Bailey St & 10 Street:

ADA Ramp

# Main St. Extension:

Working on the drainage at west side

# **Development Services:**

- Windmill Winery design finalized
- Medical Office Building construction in progress
- ADOT SR79/SR79B junction EA and archeological surveys complete, found some evidence of prior habitation, project remains go, no start date as of yet
- ADOT traffic study for signal at SR79/Hunt Hwy in progress. Warrant is met, pending final design
- Develop Floodplain Use Permit form, policy and procedures.

# **Ongoing Engineering Activity:**

- Plan reviews of Anthem Units.
- Ongoing participation and support for ADOT Gila Bridge Reconstruction project. Comments
  were due 16 June, but can still be submitted if done by 14 July 2017. Requirement for
  emergency access road during construction has been addressed and agreed upon by ADOT.
  Currently assessing ROW issues with existing TOF water/sewer lines within ADOT ROW.
- 1st St. Paving project, currently awaiting revisions to 90% plans, Public Meeting in the Community Center, July 11 from 6:00pm-7:00pm.

# FACILITIES MAINTENANCE

	Closed	Open	Count
CLOSED INCOMPLETE	217	0	217
Emergency	36	0	36
General Maintenance	602	25	627
Major Repair	5	1	6
Not Assigned	17	0	17
Preventive Maintenance	620	12	632
Projects	14	4	18
Safety	77	11	88

Special Custodial	27	0	27
Special Needs	89	4	93
Count	1704	57	1761

# Labor Report:

The current July 10th, 2017 Facilities Help Desk report shows 57 open work orders.

# **Updates and Projects**:

- Silver King Marketplace Deck and Balcony Revising scope for re-advertising
- SWWTP Bathroom Bids submitted to Jason Pending Req
- NWWTP Restorations Roof bid submitted to Jason Interior work to be performed by WWTP Staff and Facilities with contractor for flooring and bathroom area
- Brunenkant Fire Suppression Mull Fire work completed Ceiling tile to be replaced in addition to water supply line connection by Town of Florence
- AMERESCO Utility Savings Project Data provided to Admin and Finance Pending Direction
- Community Development Roof Budgetary figure provided Pending Funding
- SWWTP Admin Roof Budgetary figure provided Pending Funding
- SWWTP Chlorine Room Roof Budgetary figure provided Pending Funding
- NWWTP Roof Budgetary figure provided Pending Funding
- Patch and Paint Town Hall Lobby Budgetary figure provided Pending Funding
- Patch and Paint Town Hall Chambers Budgetary figure provided Pending Funding
- Town building address signage have been delivered. Facilities is working on an install schedule
- Facilities' will be replacing all bathroom faucets at Town Hall. We are waiting on delivery of materials
- Replacement of shelter for Fire Station 1 Water Softener: Facilities has left over material from the Rodeo Grounds repairs. This will need to wait until we have available time to perform the work
- Replacement of back awning at Senior Center: Listed as possible CIP
- Floors at Senior Center received semiannual cleaning service
- Floors for Fitness center will be scheduled early August

# **FLEET MAINTENANCE**

Preventative Maintenance's (PM's): 10

Total Vehicles Serviced: 40

# Major Accomplishments:

- Started Fleet Maintenance Survey
- Started Vehicle cleaning (with inmates)
- Started Vehicle Upholstery repairs (with Shaw's Int)
- Continue Vehicle body repairs

# **SANITATION**

Total amount of right-of-way violations to date = eleven (11)

Code compliance violations to date = none (0)

# **RAD Service Orders:**

- TOWN had forty-three (43) pickups of bulk trash
- FLORENCE GARDENS had forty-four (44) pickups of bulk trash
- ANTHEM had fifty (50) pickups of bulk trash
- Monthly Cemetery Report for March 31, 2017

# **STREETS**

- Finished measuring retro-reflectivity of all signs in the Town of Florence city limits.
- Road improvement on Hunt Highway at Franklin Road. 1500 feet of new pavement on the curve.
- Sawcut and replace a 20' x 8' section of failing asphalt at the intersection of Hunt Highway and Attaway Road.

# **UTILITIES – WATER**

# **CIP UPDATES:**

1<sup>st</sup> Street Water Line Project:

• The project continues. We have 1 major additional tie in to make before the project is completed. These tie ins will occur after hours if possible to minimize disruption of services.

# Well # 5 Booster Pump Project:

- SCADA has been completed. We are going to meet with Ripple to try and program the wells to run off peak hours. Currently waiting to see if the cost is worth completing this project.
- Second booster to be completed by 7/31/2017

Well # 1 Chlorine Building and Booster Pump Project.

• We have received costs for this project from Felix Construction. (48,000). We believe this cost is too high. We are currently looking into other options.

# Well #5 Tank Project:

 The first tank has been completed and tested. We have put this tank back into service. The larger tank has now been drained. Work has now started to refurbish and coat this tank. Project continues.

# **WASTEWATER**

# North WWRF Retrofit/Repair:

- Influent pump installation Installed new Flygt Pump- complete
- RAS pump installation complete
- Sludge Pump installation -complete
  - a. Ultra-Sonic Meters Received; waiting to finish JOC work
  - b. Felix JOC's North
    - i. Screen and Headworks rehab and replacement- designed-being quoted
    - ii. Belt Filter Press (BFP) Relocation and Installation (Relocate and Rehab BFP from South Plant)
    - iii. Electrical Upgrade to 480/3 phase for new equipment- SCIPP reviewing application
    - iv. Installation of Replacement Chlorination Building -complete
    - v. Aeration Piping and Diffuser Installation-designed-being quoted
    - vi. Blower Replacement-ordered
    - vii. Basin Piping Reconfiguration and Concrete Repair
    - viii. Concrete Rehab on Drying Bed Area Slabs and Curbing-complete
    - ix. Safety railing, walkway, and access rehab- in design
    - x. Sludge Tanks
    - xi. Filter installation / 4" MAG –Meter to Replace Existing Recharge and Golf Course MAG Meters received, to be installed
- Recharge Permitting & Design SWWTP and NWWTP
  - Sampling Analysis-Design Phase
- SCADA Wastewater
  - Feed-study -complete
- Bi-Sulfate Pump at SWWTP
  - Pump Skid Status complete
- SWWTP
  - Post Equalization Pump #1- complete
  - o Felix JOC's South
    - i. Belt Filter Press (BFP) Removal and Installation of New BFP Complete
    - ii. Installation of Loop or Check Valve on Effluent Line to keep Mag meter full -Complete
    - iii. Reroute Filter backwash line to BFP filtrate line- in progress
    - iv. Re-pipe clean water source to Filter Backwash Pump-in progress
    - v. Replace 2 decant butterfly valves and valve stems- in progress

- vi. Install irrigation pump, meter, and line to deliver effluent to frontage landscaping- on hold
- o On-call services/headworks—Awarded Hazen & Sawyer

# 2. SBR'S

Decanter Evaluation – springs powder coated (waiting to hear from Aquatec)

# Wastewater Administration & Reports:

External/Internal Reporting:

- 1. South ADEQ MOR/DMR/SMRF monthly No Deficiencies
- 2. North MOR/DMR SMRF completed monthly No Deficiencies



# Finance Department Memorandum

**To:** Brent Billingsley, Town Manager

**From:** Joe Jarvis, Finance Director

**Date:** July 24, 2017

**Re:** Finance Department Report for June 2017

100% of the Fiscal Year has elapsed.

The following charts and graphs are for preliminary financial activity (cash basis) for June, 2017 (unaudited).

# General Fund Report Fiscal Year 2016/2017 As of June 2017

			Budget to
GENERAL FUND	Budget	Actual	Actual
Revenue by Category			
Taxes	\$ 3,500,000	\$ 3,486,172	100%
Licenses and Permits	529,500	591,611	112%
Franchise Fees and Taxes	584,100	527,070	90%
Intergovernmental	7,516,355	8,276,263	110%
CE Inspection Fees	61,900	48,873	79%
Civil Engineering Fees	40,000	78,600	197%
Community Development Fees	186,500	181,291	97%
Charges-General Government	225,700	135,216	60%
Cemetery Fees	12,500	14,770	118%
Public Safety-Police	26,800	29,224	109%
Parks and Recreation	137,810	156,985	114%
Fines and Forfeitures	145,750	186,765	128%
Interest Earnings	100,000	85,053	85%
Public Safety-Fire	52,850	75,153	142%
Library	5,100	5,947	117%
Miscellaneous	43,100	87,105	202%
Economic Development	-	380	0%
Downtown Redevelopment	1,000	4,636	464%
Government Access Channel	7,900	3,173	40%
Seniors Fees	19,330	20,937	108%
Operating Transfer	1,588,453	1,510,464	95%
Total Revenue	\$ 14,784,648	\$ 15,505,686	105%
Expenditures by Department			
Town Council	\$ 128,821	\$ 102,509	80%
Administration	666,059	600,564	90%
Courts	178,000	180,772	102%
Legal	621,596	430,071	69%
Finance & Grants	791,328	763,708	97%
Human Resources	252,836	230,081	91%
Community Development	654,982	605,339	92%
Police Services	3,837,512	3,717,732	97%
Fire Services	2,918,693	3,185,870	109%
Information Technology	521,011	410,370	79%
Parks & Recreation Services	1,921,410	1,858,991	97%
Library	384,278	345,140	90%
Facility Maintenance	477,648	427,050	89%
General Government	1,129,224	878,091	78%
Cemetery	8,400	7,705	92%
Town Engineer	80,225	131,089	163%
Economic Development	145,561	122,810	84%
Total Expenditures	\$ 14,717,584	\$ 13,997,891	95%

<sup>-</sup> Taxes, franchise fees and intergovernmental revenues reflect a one- to two- month lag in collections Comparison of General Fund Revenue and Expenditures Actual to Budget

Comparison of Revenue and Expenditures to Budget for the Town's Major Funds

	Revenue			J		
Fund	Budget	Actual	% Collected	Budget	Actual	% Expended
General	\$ 14,784,648	\$ 15,505,686	105%	\$ 14,717,584	\$ 13,999,345	95%
Capital Improvement	1,225,000	1,050,923	86%	1,225,000	170,910	14%
Highway User Revenue	8,049,977	3,535,608	44%	6,923,274	3,750,289	54%
Construction Tax - 4%	160,000	213,243	133%	-	-	0%
Food Tax - 2%	276,000	256,692	93%	-	-	0%
Town Water	2,717,550	2,892,623	106%	4,294,882	2,086,800	49%
Town Sewer	3,981,856	3,996,574	100%	5,229,218	2,989,876	57%
Sanitation	922,250	835,710	91%	900,487	929,851	103%
Total	\$ 32,117,281	\$ 28,287,060	88%	\$ 33,290,445	\$ 23,927,072	72%

<sup>-</sup> Reported on cash basis. Revenues reflect a one- to two- month lag in collections.

# Development Impact Fee Collections and Expenditures

# Development Impact Fees Collections for Fiscal Year 2016/2017 As of June 2017 Beg. Fund Beg. Fund

Fee Fund	Beg. Fund Balance	Fee Collected	Interest	Ending Fund Balance
501 Sanitation	\$ 47,038		\$ 411	\$ 47,449
505 Transportation	507,979	155,955	4,978	668,912
506 General Government	-			-
508 Police	424,593	114,257	4,124	542,973
509 Fire/EMS	-	117,649	517	118,166
510 Parks	-	5,109	29	5,138
511 Library	-	36,792	170	36,961
596 Florence Water	222	9,930	(33)	10,118
597 Florence Sewer	179,682	14,428	1,323	195,433
598 North Florence Water	10,158		70	10,228
599 North Florence Sewer	12,638		106	12,744
Total	\$ 1,182,310	\$ 454,119	\$ 11,694	\$ -

# Cash and Investments - Bank Balances and Monthly Yield

Investment Report							
Account - cash balance	Jan-17	Feb-17		Mar-17	Apr-17	May-17	Jun-17
NB/AZ - General Checking	\$ 12,007,457	\$ 12,371,201	\$	12,936,249	\$ 12,936,803	\$ 14,385,848	\$ 13,144,318
LGIP - 7256	\$ 8,929	\$ 8,932	\$	8,937	\$ 8,937	\$ 8,942	\$ 8,953
LGIP - 5953	\$ 233,981	\$ 234,096	\$	234,243	\$ 234,243	\$ 234,581	\$ 234,760
Stifel Nicolaus - Investments	\$ 38,972,941	\$ 38,948,941	\$	38,977,015	\$ 38,984,222	\$ 38,990,664	\$ 38,673,844
NB/AZ - PD Evidence	\$ 5,179	\$ 5,006	\$	5,006	\$ 5,006	\$ 5,006	\$ 6,363
Total cash	\$ 51,228,487	\$ 51,568,176	44	52,161,449	\$ 52,169,211	\$ 53,625,041	\$ 52,068,238
Account - monthly yield	Jan-17	Feb-17		Mar-17	Apr-17	May-17	Jun-17
National Bank Arizona	0.05%	0.05%		0.05%	0.05%	0.05%	0.05%
LGIP - 7256	0.38%	0.46%		0.56%	0.56%	0.73%	0.83%
LGIP - 5953	0.49%	0.64%		0.74%	0.84%	0.88%	0.93%
Stifel Nicolaus - Investments	1.33%	1.40%		1.40%	1.34%	1.29%	1.21%

# Fire Department

# MEMORANDUM

**DATE:** July 5, 2017

**TO:** Brent Billingsley, Town Manager

**FROM:** David Strayer, Fire Chief

**SUBJ:** Summary of June 2017 and Plans for July 2017

The fire responses for 2017-2015 are as follows:

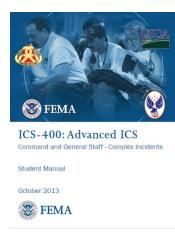
June 2017	Location of Calls							
Type of Calls	Florence	Florence	Anthem	Prisons	Mutual	Totals		
	Proper	Gardens			Aid			
Brush Fires	2	0	0	0	0	2		
Structure Fires	1	0	0	0	0	1		
Vehicle Fires	0	0	1	0	0	1		
Trash Fires	0	0	0	0	0	0		
EMS	54	15	23	70	1	165		
HazMat	0	0	1	0	0	1		
Electrical Arching	1	0	0	0	0	1		
Police Asst./Public Asst.	17	6	3	0	2	28		
Unauthorized Burning	0	0	0	0	0	0		
Good Intent	1	0	0	0	0	1		
Controlled Burning	0	0	0	0	0	0		
False Alarm/System Malfunction	6	0	2	0	0	8		
Emergency Stand by (move up)	5	0	14	0	0	19		
Other Calls	2	0	2	0	3	7		
TOTALS	89	21	46	<b>70</b>	6	232		

Three Year View	20	17	20	16	2015		
	June	YTD	June	YTD	June	YTD	
EMS	163	1011	166	1086	117	915	
Fire Calls	4	20	4	28	5	26	
All other Calls	65	552	51	422	72	437	
TOTALS	232	1583	220	1543	194	1378	

# Summary of June

# Fire Chief Report

- Attended Town Council meetings June 5<sup>th</sup> and 19<sup>th</sup>.
- Attended Management Team meetings (every Tuesday).
- Held Fire Staff meetings managing & coordinating department activities.
- Completed the American Medical Response (AMR) contract scheduled for approval at the July 17<sup>th</sup>, 2017 Council Meeting
- Updated the Superstition Fire District maintenance agreement scheduled for approval at the July 17<sup>th</sup>, 2017 Council Meeting.
- Updated the Central Arizona College IGA scheduled for approval at the July 17<sup>th</sup>, 2017 Council Meeting
- Met with Dr. Smith regarding prisoner transports to Mountain Vista Medical Center June 1<sup>st</sup>.
- Met with Florence Hospital regarding prisoner transports June 6<sup>th</sup>.
- Attended a budget work session with Council June 6<sup>th</sup>.
- Met with the Florence Prison Warden and his Staff June 7<sup>th</sup>.
- Attended an Appeals Board meeting June 21.



Instructed a MAG 400, advanced ICS for Command and General Staff course June 29-30. This is a National Incident Management System (NIMS) FEMA course. The purpose of this training is to enhance emergency response capabilities and cooperation amongst agencies in Florence and meet Federal-level training requirements. The following agencies were represented in this class: The GEO Group, Arizona Department of Corrections, Florence Fire Department, Town of Florence Finance Department, Pinal County Superior Court, Pinal County Sheriff's Dept., and Rural Metro Fire Department.



Made a presentation to the GEO Group on the Florence Public Safety Planning Group June 22<sup>nd</sup>.

- Attended a Prop 206 training session June 21<sup>st</sup>.
- Attended a meeting with the Pinal County Historical Society June 22<sup>nd</sup>.
- Attended a Core Civic (formerly CCA) meeting June 28<sup>th</sup>.
- Attended a meeting on the Smith Building June 30<sup>th</sup>.
- Began census data collection process for correctional facilities prisoner transports.

# Division Report – Administration

# **Inspections**

- Brunenkant Building fire sprinkler Rough Hydro inspection
- UNIT 52 Emergency Access Pre Fire Final Inspection
- HYDRANT Test Horizon Mental Health Facility
- Site Tour Fire Lane/Knox Box Horizon Mental Health Facility
- Safeway Consumer Fireworks.

# **Plan Reviews**

- Brunenkant Fire Sprinkler Review
- Unit 3 Improvements Plans
- Medical Office Building Fire Sprinkler 2<sup>nd</sup> Review

#### **Meetings**

- PRE Application- A&M Coffee Shop
- Anthem Pedestrian Site Tour
- Fire Flow-Horizon Mental Health Facility
- Freedom Fest Planning Meeting
- Cox Building
- PRE-Construction Meeting
- Staff Meeting Development Services.

# **Projects**

- New Construction Access Permit Development
- Terrorism Liason Officer Updates
- Code Amendment Project
- Town Inspection Project
- Conquest Arms Reports/Project

# **Division Report – Operations**

# **Apparatus Maintenance**

- E541 Serviced
- L542 Serviced
- L2542 Service AC REPAIRED
- L2542 Serviced SCHEDULED FOR 7/10
- TRV 2006 rescue truck serviced

# **Uniforms/Personal Protective Equipment (PPE)**

- Personal Protective Turnouts ordered from United Fire
- Setting up uniform accounts for new fiscal year
- Helmets issued for end of service equipment

# **Hand Tools/Equipment**

- Received quote for maintenance and repairs for Genesis extrication equipment
- Narcotics cooler to station 2 on ladder for paramedic drugs

# **Communications Equipment**

- Continued communications meeting with PD and Dispatch
- Working with information technologies on our patient reporting
- Working with information technologies on connectivity of tablets with heart monitors and State reporting
- Assisting the Town of Superior FD in Station alerting and Mobile Data Terminal connection in mapping incidents and Vehicle Location services. Advisement only.

# **Emergency Medical Services (EMS)**

- ESO Solutions ePCR reporting to AZ DHS
- AZ DHS NEMSIS 3 reporting requirements have changed our reporting criteria and increased charting times
- Electronic drug check off forms in Target Solutions uploaded and working
- Submitting quote for EMS soft supplies with new AMR contract requirements for consumables
- Meeting with Base Hospital Mountain Vista Medical Center
- Monthly drug restock completed through base hospital

# **Training**

- Target Solutions Insurance Services Office training tracker continued training for personnel
- Shared, "How Officer Fatigue Creates Individual and Agency Risk." From Police Department joint training.
- Photovoltaic solar panel training sent to crews. Working with GIS to try and have a system for notification on structure fires with solar panels.
- Crews attended Ladder training for concepts in forcible entry. Training brought back was
  utilized on two commercial structures in Florence which significantly reduced damage to
  Business.
- Scheduling Ladder training for July
- Opioid training along with mandatory State reporting for Governors Initiative

# **Special Projects**

- Wildland response for Town Urban Interface only
- Staffing program Crewsense integration possibilities with Caselle
- Research on cost benefit analysis for refurbishment of current apparatus
- Working with Daeger technical support for SCBA in mask communications adapter if we were to change radios in the future
- Town Safety Committee member
- appointed to the Incentives/Awards/Recognition Committee
- Prisoner patient transport hospital committee
- One Fire Department member going on Military training in July
- Natural gas plumbing to Fire Station 1, stove on natural gas
- Pre-emption equipment purchased for traffic lights in downtown area, County to install.

Public Relations events and other items: (next page)





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Classic Fire Apparatus
Wildland Firefighting
Operating Alarm Systems
Fire Related Graphics
Fire Marks
Uniforms and Equipment
Fire Safety Programs

National Firefighting
Hall of Heroes

The Hall of Flame
is Sponsored by
the National Historical
Fire Foundation

a Non-Profit Organization

June 26, 2017

Chief David Strayer Town of Florence Fire Department P. O. Box 2670 Florence, AZ 85132

Dear Chief Strayer,

On behalf of The National Historical Fire Foundation, I would like to thank you for the contribution to the Hall of Flame Museum's fire department patch collection. With so many fire departments worldwide, it would be impossible to build and maintain such an extensive assortment of patches without the help of thoughtful visitors such as yourself.

We are honored to have the privilege of displaying your fire department's patch. I hope you will visit the museum again soon.

Thank you again for your generous contribution.

Best wishes.

Joe Hinkle

Museum Volunteer

Patch Donation Committee

# Plans for July

- Conduct Fire Chief/Crew meetings with all personnel
- Attend/participate in the Town of Florence's Freedom Fest celebration
- Attend Appeals Board Hearing on July 5, 2017
- BC Kemp to attend the Arizona Fire Chief's conference July 11-14, 2017
- Attend the Pinal County Fire Chief's Association meeting in Florence July 19, 2017
- Chief Strayer to attend the National Fire Academy, Executive Officer Program July 23-August 5<sup>th</sup>, 2017

# **FLORENCE POLICE**

Monthly Report – June 2017

# Daniel R. Hughes, Chief of Police



425 N. Pinal St. P.O. Box 988 Florence, AZ 85132

Phone: 520-868-7681 - Fax: 520-868-0158

"The men and women of the Florence Police Department stand firm in our pursuit for justice and public trust. We will stay true to our mission of providing service and safety to our community with honor, respect, and integrity. We are committed to providing fair and equal treatment to those we encounter."

The information contained in this report outlines significant information and activity within the Florence Police Department (FPD) during the month of June 2017. The monthly report is prepared for the Town Council's review and furthermore for the use by FPD to examine the current activity within the department and community to identify short-term and long-term needs, and develop plans for improvement to provide the highest level of service.

# **Personnel**

Employee	Position	Effective
New Hire		
None		
Resignations/Termination	ns	
Brett Marsden	Lateral	5/15/17
Vacancies		
2 full-time *	1 Officer, 1 Supervisor	*position held/suspended
1 part-time	Public Safety Dispatcher	Open
4 full-time	Public Safety Dispatcher	Open

Dispatcher applications being accepted.

Officer Marsden resigned effective June 16th, 2017.

Two recruits, David Sanger and Dylan Kennard started the academy on June 5<sup>th</sup>, 2017. Both are attending ALEA (Arizona Law Enforcement Academy) in Phoenix. Projected graduation date is October 20<sup>th</sup>, 2017.

Backgrounds and testing initiated for vacant Police Officer positions and eligibility list.

Two new full-time dispatchers have been offered employment-waiting on start dates.

# **Chief of Police**

Chief of Police, Daniel R. Hughes attended the following meetings during the month of June:

- Town Council Meetings
- Management Team Meetings
- Weekly FPD Administrative Meetings
- Purchasing Committee Meeting
- Fire and Police Communication Meeting
- Alliance to Combat Transnational Threat Field Area 2 (ACTT FA-2) Planning Meeting
- Pinal County Law Enforcement Association (PCLEA) Meeting

# **Administrative/Support Services**

The Support Services area includes the following: Communications Division, Evidence and Property, Crime Scene Investigator, Records Division, and Departmental Budget/Finances.

The Support Services Manager (Deanna Husk) had the following monthly activities:

- PCLEA meeting
- On-going review of Policy/Procedures for Evidence/Property
- On-going update of Policy/Procedures for Volunteers
- Review of Communications Policy –Committee with Patrol Division
- Continued testing for dispatchers
- Review of Superior FD-Intergovernmental agreement
- Reviewed Super FD quarterly billing
- Worked on FY17/18 Budget
- Preparation of Annual Report

#### **Communications**

- Conducted extensive testing and several oral boards for Dispatcher vacancies. Two candidates in background check.
- Continued online recruiting.
- Completed Superior Fire quarterly billing.
- Reviewing and updating policies.

# **Calls for Service**

Below is a table that depicts the total calls for service handled by FPD dispatchers during the month of June. The numbers are shown by the incident locations and how the incident was reported.

How Calls Are Received, Totals by How Received									
	Beat 1	Beat 2	Beat 3	TOTAL					
911 Line	33	15	11	59					
Crime Stop Line	0	0	0	0					
Officer Report	196	74	165	435					
In Person	67	0	4	71					
Radio Transmission	0	1	1	2					
State TT/NLETS	0	0	0	0					
Telephone	204	39	72	315					
TOTAL	500	129	253	882					

# **Average Response Time to Calls for Service**

# 6 Month Reporting Period: January 2017 to June 2017

	Jan	Feb	Mar	Apr	May	Jun
Priority 1	3:55	4:54	3:40	4:14	4:03	4:56
Priority 2	5:51	6:06	5:21	5:11	5:56	5:34
Priority 3	13:10	15:52	16:30	27:48	24:06	19:04
Priority 4	6:27	6:44	15:25	15:44	50:36	37:36

# Definitions:

Priority 1	These priorities are those in which there is an imminent danger to life or major damage/loss to property or an in progress or just occurred major felony.
Priority 2	These priorities are those in which a crime in progress might result in a
•	threat of injury to a person, or major loss of property or immediate
	apprehension of a suspect.
Priority 3	These priorities are those in which there is no threat of personal injury or major loss of property.
Priority 4	These priorities are those of a report nature only.

# **JUNE 2017 – Offense Count Index**

Classification of Offense	Offenses	Unfounded	Actual	Offenses	Juvenile
CRIMINAL HOMICIDE	0	0	0	0	0
a. Murder/Nonneg Manslaughter	0	0	0	0	0
b. Manslaughter by Negligence	0	0	0	0	0
FORCIBLE RAPE	0	0	0	0	0
a. Rape by Force	0	0	0	0	0
b. Attempt Forcible Rape	0	0	0	0	0
ROBBERY	0	0	0	0	0
a. Firearm	0	0	0	0	0
b. Knife or Cutting Instrument	0	0	0	0	0
c. Other Dangerous Weapon	0	0	0	0	0
d. Hands, Fist, Feet, etc.	0	0	0	0	0
ASSAULT	8	0	8	6	2
a. Firearm	0	0	0	0	0
b. Knife or Cutting Instrument	0	0	0	0	0
c. Other Dangerous Weapon	0	0	0	0	0
d. Hands, Fist, Feet, etc.	1	0	1	2	0
e. Other Assaults – Simple	7	0	7	4	0
BURGLARY	3	0	3	1	0
a. Forcible Entry	1	0	1	0	0
b. Unlawful Entry/No Force	2	0	2	1	0
c. Attempt Forcible Entry	0	0	0	0	0
LARCENY – THEFT	6	0	6	1	0
MOTOR VEHICLE THEFT	1	0	1	0	0
a. Autos	1	0	1	0	0
b. Trucks	0	0	0	0	0
c. Other Vehicles	0	0	0	0	0
GRAND TOTAL	18	0	18	8	0
Clearance(s) by Adult Arrest	6				
Clearance(s) by Juvenile Arrest	0				_

<sup>\*\*</sup>All data presented in this report is tentative until monthly audit is complete

# **Property & Evidence**

During the month of June, there were 120 envelopes/packages involved in 75 incident cases submitted for processing by the Property and Evidence Section. Of the total, 120 envelopes/packages:

- 80 were evidence items of which 23 were sent to the lab, 0 await lab delivery and 74 were stored.
- 7 was for Safekeeping of which 6 was stored, and 1 was released
- 4 were Found Property of which 0 were disposed in the DBIN, 2 were released and 2 were stored.

The items of evidence involved the following crimes are:

- 49 Drug Incidents
- 26 DUI
- 3 Theft
- 1 Aggravated Assault
- 0 Fraud
- 2 Misconduct with Weapon
- 0 Child Abuse

	JUNE 2017 – Property and Evidence Processing						
TOTAL PACKAGES	EVIDENCE STORED	SAFE KEEPING	FOUND PROPERTY	DISPOSAL	RELEASED	OUT TO OFFICER	SENT TO LAB
120	74	7	4	5	6	0	23
JUNE 2017 – Submissions for Related Crimes							
DRUGS	DUI	THEFT	FRAUD	AGGRAVATED ASSAULT	MISCONDUCT WEAPON	CHILD ABUSE	OTHER
49	26	3	0	1	2	0	0

#### Other Considerations

- The status of the Police Evidence Trust Fund bank account has 12 pending items involving \$4213.00. Three are for safekeeping, two are found property, and seven items are pending RICO forfeiture.
- Five traffic incidents involved the seizure of five Arizona license plates.

- Zero items in 0 incident cases were purged from the June 2008 inventory according to the ten-year evidence schedule protocol.
- Fingerprints were taken for 45 citizens by volunteers and the Property and Evidence Section. These included volunteers, employee applicants and private citizens.
- No documentation was found to determine how many pounds of prescription drugs were turned in by citizens for destruction, during the month.

# **Operations/Patrol**

The Operations/Patrol Division is under the direction of Lt. Terry Tryon, and he has attended the following meetings during the month of June:

- Town Council Meetings
- FPD Management Team Meetings
- Weekly FPD Administrative Meetings
- Workflow Committee Meeting
- Alliance to Combat Transnational Threat Field Area 2 (ACTT FA-2) Planning Meeting

# **Professional Standards**

There were 3 use of force reports submitted in June 2017.

- A subject was found in his vehicle and appeared to be under the influence. The subject refused to exit the vehicle and grabbed onto the steering wheel. Officers had to use physical force to pull the subject from his vehicle and place restraints on him. No injuries reported from this incident.
- A subject was threatening to harm themselve with a knife. Officers had talked the subject
  to drop the knife however when they attempted to place the subject in restraints for
  safety, the subject began to struggle with officers. Minimal physical force was used to
  place the subject in restraints. One officer had their Taser out of its holster, however it
  was not utilized.
- A high-risk stop was conducted on a vehicle in the Anthem area. Witnesses reported occupants may have guns and they were pointing them at each other. During the traffic stop, Officers had their weapons displayed while giving commands. It was discovered the subjects had airsoft pistols and were target shooting in the desert.

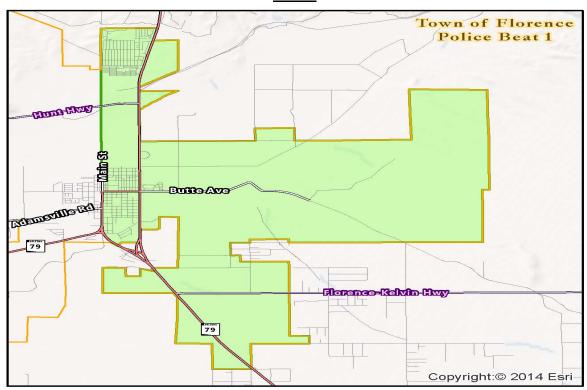
No complaints or internal administrative investigations were initiated in June 2017.

# **Criminal Investigations Unit**

Number of new cases a	assigned in June:	9	
Observed Offense	Assigned Detective	Case Status	Notes:
Suicidal Subject	D. Helsdingen	Open	Inmate found hanging in porter closet. Autopsy Completed waiting on Report
Child Abuse	L. Gaston	Open	Out Aid with PHX PD-Information Only at this time
Assault	D. Helsdingen	Closed	2 Misdemeanor Charges Filed
Child Abuse	L. Gaston	Open	2 year old child with a cigarette burn-DCS Involved
Agg. Assault	D. Helsdingen	Open	Correction Officer Assaulted charges will be done this week
Information Report-Child			Report by Juvenile Probation on juvenile suspect
Crime	L. Gaston	Open	being a possible victim
Disorderly Conduct	D. Helsdingen	Closed	Misdemeanor Charges Filed
Death Investigation	D. Helsdingen	Open	29 year old male found deceased in driveway- autopsy completed waiting on toxicology-opium related and reported
Sex Offense	L. Gaston	Open	Received Information of a possible Juvenile sex offense (date rape) investigation on-going
Number of cases carri		12	offense (date rape) investigation on-going
Observed	Assigned	Case	
Offense	Detective	Status	Notes:
Assault (DV)	D. Helsdingen	Closed	2 Misdemeanor Charges Approved
Sex Offense (Disorderly Conduct)	D. Helsdingen	Closed	2 Misdemeanor Charges Approved
Child Abuse-Neglect	L. Gaston	Open	Suspect Identified Charges to be filed for infant overdose
Molestation of A Children	L. Gaston	Closed	Felony Charges filed on two victims-possible plea deal pending
Agg. Assault	D. Helsdingen	Closed	Felony Charges filed in May waiting on PCA
Promote Prison Contraband (dangerous drugs	D. Helsdingen	Open	One inmate arrested upon release/Grand Jury Indictments on others-Felony Warrant for female involved
Aggravated Assault	D. Helsdingen	Open	Felony Charges filed in May on two suspects waiting on PCA
Stolen Vehicle & Arson	D. Helsdingen	Open	PCA requesting further investigation
Hit & Run	D. Helsdingen	Open	Still Waiting on DNA from DPS
Credit Card fraud	D. Helsdingen	Closed	Victim has no requested prosecution
Agg. Assault	D. Helsdingen	Closed	Felony Charges filed on three subjects in May waiting on PCA
Narcotics	D. Helsdingen	Closed	Felony Charges filed in May waiting on PCA
Stolen Vehicle	D. Helsdingen	Open	Received Information from Wells Fargo on 7/3/17 the security video located
Number of joint cases	worked in June:	0	
Observed Offense	Assigned Detective Primary/Secondary	Case Status	Notes:

NONE		
Other Activity:		
D. Helsdingen	Grand Jury x2	
D. Helsdingen	FA2 Meeting/Oral Boards x2	
D. Helsdingen	Webinar Training Child Abuse	
D. Helsdingen	Severance Trial	
D. Helsdingen	Forensic Interview	
L. Gaston	40-hour Critical Incident Training	
L. Gaston	Meeting Cimpatico-Mental Health	
L. Gaston	Meeting Pinal County Attorney – Molestation Case	

# Beat 1



#### **Beat Statistics:**

Beat 1 Supervisor – Sgt. D. Peterson

There are 6 officers assigned to Beat 1

Total number of calls for service (including traffic): 475

Total number of traffic stops: 137

Total number of accident reports taken: 7 total accidents, 3 of which were private property

Total number of citations issued: 29 for 39 violations

Total number of DUI: 3

# **Crimes against Persons**

Assault: 4

# **Property Crimes**

Burglary: 2

Criminal damage: 3

Theft: 4

Vehicle theft: 1

#### **Monthly Activities**

Total calls for service were up from last month (445). Person crimes were down from last month. Of the 4 reported assaults, 2 were Domestic Violence related. Property crimes were slightly up from last month. Officers in Beat 1 conducted Directed Patrols in the areas of previously reported crimes. Officers also conducted Field Interviews of persons throughout Beat 1 and

inquired if there was any knowledge of any crimes being committed. The Directed Patrols and Field Interviews were utilized to gather information / suspects and also to provide a presence in the community to help deter additional crimes. There were 23 warrant arrests in Beat 1 during the month.

In addition to normal patrol, officers also conducted 210 Directed Patrols of businesses, apartment complexes, Florence Gardens and Caliente communities and the prisons.

#### **Community Involvement and Education**

Schools are on summer break and return July 24. Officers continue to perform directed patrols daily at the school buildings and grounds to prevent and / or detect criminal activity at these locations. Officers have continued to check on the school property during the summer break. During checks of the school, officers have found the doors unlocked on several occasions. There was no criminal activity noticed any of these times. Apparently, the construction workers have left the school open while completing their work.

# **Special Events**

None

# **Upcoming Special Events**

July 4<sup>th</sup> Freedom Fest

# **Significant Calls for Service**

Assault on S. Pinal Parkway – During a Domestic dispute a female pushed her husband into a wall, two times. She then placed a knife to her own throat threatening to harm herself. The female was brought to a mental health facility for treatment. Upon her release, she was booked into jail for the assault.

Assault on S. Orlando Street at E. Celaya Street – While on patrol an officer noticed a young man with some injuries. Further investigation revealed that the juvenile had been assaulted by two other juveniles. Both suspects were arrested and charges forwarded to the court.

Assault on S. Matilda Street – Officers responded to a Domestic dispute on S. Matilda Street. The male and female had two different stories as to what happened. The female claimed to have been assaulted and the male stated she had told him she was going to get him arrested for an assault. The parties were separated and charges were forwarded to the court.

Assault on N. Pinal Parkway – A female inmate punched another female inmate several times in the facial area. Charges were prepared and forwarded to the court.

Burglary on N. Pinal Street – A male reported that sometime in the past few weeks, while renovating a house, a laptop was stolen from the home. The laptop is an ACER ASPIRE which was bought overseas. The charger for the laptop is not compatible with local power outlets.

Burglary on E. Aguilar Street – A male reported that his home and truck were entered by a suspect and several items (jewelry, cell phone, pawn ticket) were taken without permission. The reporter later saw a former girlfriend wearing some of the stolen jewelry. The reporter states she

admitted to burglarizing his home and truck. The PD is attempting to locate the suspect at this time for questioning / arrest.

Theft / Vehicle on S. Main Street – A male reported that he loaned a vehicle to his ex-girlfriend a couple of months ago. When he attempted to get the vehicle back, she refused. The male reported the vehicle stolen at that time. The male was able to recover his own vehicle, at her home in Queen Creek.

Theft on E. Aguilar Street – A male reported that his turquoise bicycle was stolen from his yard. The bicycle has not been recovered to date.

Theft on E.  $3^{rd}$  Street – A female reported that some of her prescription pills were stolen from inside her home. There were no signs of forced entry at the home. The reporter believes a family member may have taken her pills.

Theft on S. San Carlos Street – A male reported that a beat-up/used BMX style bicycle was stolen from in front of his home. The value of the bike is \$25.00. No suspects at this time.

Theft on S. Elizabeth Street – A woman reported that her prescription pills were stolen from her home. The woman reported that she keeps her pills in her bra and doesn't know how anyone could get to them without her knowing.

Criminal Damage on Desoto Street – A male reported that someone spray painted graffiti (tagged) on the utility pole in front of his home. The pole was repainted to cover the graffiti.

Criminal Damage on S. Main Street – A restaurant reported that a table and chairs that are outside were damaged. The table and chairs are near the parking lot and it is believed that a car backed into the table and chairs. No suspects, at this time.

Criminal Damage on E. Stewart Street – A female reported that someone had slashed one of her vehicle tires. No suspects, at this time.

Accident on Florence Heights at Orlando Street – Two vehicles collided on Florence Heights Drive. The at-fault vehicle passed a stop sign and struck the other vehicle. A report was prepared and information exchanged. No injuries reported.

Accident Private Property on N. Pinal Parkway – A female backing out of a parking space in the prison parking lot struck an unoccupied vehicle. She was able to contact the owner of the other vehicle and exchange information.

Accident on N. Pinal Parkway at Hunt Highway – A vehicle travelling southbound on Pinal Parkway pulled off onto the shoulder and attempted to make a U-turn to go northbound. When this vehicle entered the roadway, it struck another vehicle in the southbound lane. There were no injuries reported. The at-fault driver was issued a citation.

Accident on N. Pinal Parkway at Gila Bridge – A motorist reported falling asleep while travelling southbound on Pinal Parkway. His vehicle crossed through the northbound lane and struck the guard rail on the east side of the road. No injuries were reported and the driver was issued a citation.

Accident Private Property on N. Jason Lopez Circle – A female reported that as she backed out of a parking space in the court parking lot she struck another parked vehicle. The owner of the second vehicle was contacted and responded. Information was exchanged. No injuries reported.

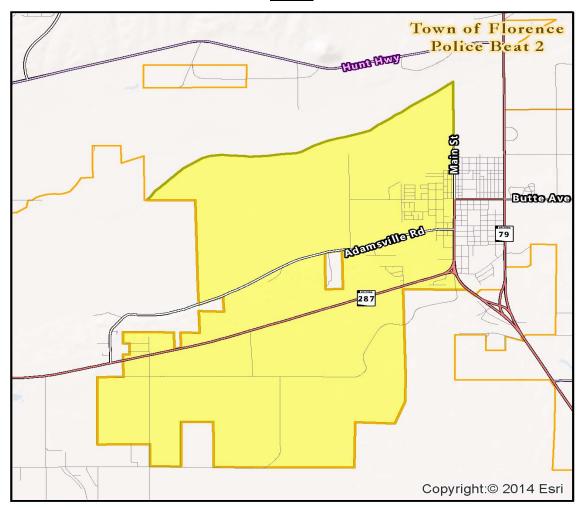
Accident on N. Pinal Parkway at Hunt Highway – Two vehicles were eastbound on Hunt Highway and each stopped prior to turning left (southbound) onto Pinal Parkway. The first vehicle slowed down to turn into a restaurant and the second vehicle drove into the rear of the front vehicle. Minor injuries were sustained. The at-fault driver was issued a citation.

Accident Private Property on N. Pinal Parkway – A vehicle that was parked in a restaurant parking lot was apparently struck by another vehicle while the owner was having dinner. The second vehicle left the area before the damage was observed. No injuries reported.

# **Training**

Officers were updated on Court decisions during the month.

Beat 2



# **Beat Statistics**

Beat 2 Supervisor – Sgt. D. Campbell

There are 6 officers assigned to Beat 2

Total number of calls for service (including traffic): 115

Total number of traffic stops: 42

Total number of accident reports taken: 2

Total number of citations issued: 9 for 11 violations

Total number of DUI: 0

# **Crimes against Persons:**

Assault: 3

# **Property Crimes:**

Burglary: 1

Criminal damage: 1

Theft: 1

#### **Monthly Activities**

Citations were issued for speeding, expired registration, vehicles not having mandatory insurance, passing a stop sign and driving without a license. FLPD issued 4 parking citations to various citizens for multiple infractions.

# **Community Involvement and Education**

Officers conducted 60 directed patrols of the local business and issuing warning citations for parking violations to include Field Interviews.

Officer Nixon is currently assigned to Officer Phillips during his field training. During this time, Officer Phillips is providing knowledge to Officer Nixon which includes orientations, law, policy and police operations.

### **Special Events**

None

#### **Upcoming Special Events**

Preparation for the upcoming 4<sup>th</sup> of July Event.

Florence Police Department will be hosting another Citizens Academy starting September 05, 2017. During the month of June, fliers were disseminated to include notifications placed on Next Door, Facebook and the Florence Reminder and Blade.

# **Significant Calls for Service**

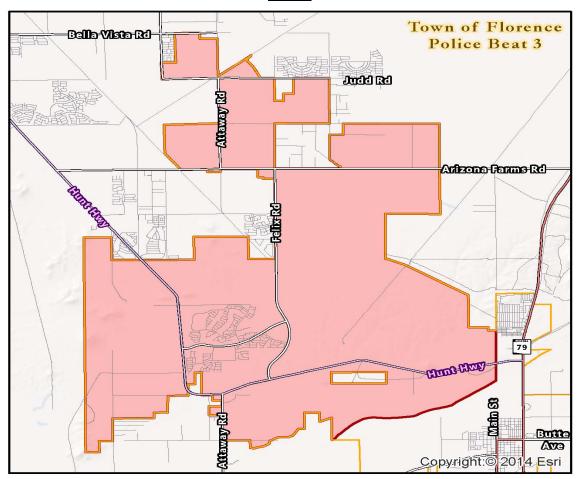
Theft - FPD responded to the Baptist Church located at North Willow reference to two thefts. FLPD arrived on scene and conducted an investigation. After reviewing the security footage and speaking with the reporting party, FLPD arrived in the area of 200 North Warner. FLPD contacted a female who admitted to taking storage containers. The female subject was arrested and processed. FLPD arrived in the area of 600 East 8<sup>th</sup> Street. FLPD contacted a male subject. While FLPD was conducting the investigation, in plain view was the propane stove and supplies. The male subject stated he received permission to borrow the items. The male subject was arrested and processed. All stolen items were returned to the church without incident.

Suspicious Act -FPD conducted a security check at Heritage Park at 0200 hours. FLPD observed a vehicle unoccupied and contacted two subjects in the park. They were advised the park was closed. FLPD escorted both subjects back to the vehicle. FLPD was granted verbal consent to search the vehicle, located on the floorboard was marijuana and drug paraphernalia. The registered owner was arrested and processed without incident.

#### **Training**

No Officers attended training during the month of June.

# Beat 3



# **Beat Statistics:**

Beat 3 Supervisor – Sgt. S. Morris

There are 7 officers assigned to Beat 3

Total number of calls for service (including traffic): 242

Total number of traffic stops: 141

Total number of accident reports taken: 2

Total number of citations issued: 24 for 36 violations

Total number of DUI: 1

# **Crimes against Persons:**

Assault: 1

Agg. Assault: 1 Sexual Assault: 2

# **Property Crimes:**

Theft: 1

# **Monthly Activities**

For the month of June, the total calls for service was 242, compared to 263 in May. A 7.98% decrease. No influx of major crime. A total of 106 directed patrols were conducted.

The Juvenile Detention Log was completed as required by state law. The Florence Police Department did not arrest any juveniles for the month of June.

The speed signs logged the following data:

- Main Street, east bound. 101,249 vehicles. 85% were doing 37 mph. Speed limit is 35 mph.
- Anthem/ Hunt Highway, west bound. 120,104 vehicles. 85% were doing 52 mph. Speed limit is 45mph.

For the month of June, traffic enforcement in beat three consisted of 128 traffic offenses, with 24 citations, and 36 violations. A total of 2 accidents took place. No injuries.

The beat three officers continue to look for code enforcement violations and have been enforcing parking violations. No parking violation warnings/citations were given out in June.

# **Community Involvement and Education**

Contact is made with the head of the HOA via email, or in person, with Officer Palmer. We work together to address all issues that the community may have. No issues have been brought forward for the month of June.

#### **Special Events**

None, other than school being out for summer break.

# **Significant Calls for Service**

N. Huntington Dr. – A male subject was causing problems at his home, and attempted to bite his mother. He has been diagnosed with mental and anger issues. He was arrested and while being transported to jail, he spit on the arresting officer. He was confined at PCSO.

W. Springfield Dr. – A father daughter argument ended up with the daughter poking her father in the glasses, which in turn caused the father to punch the daughter. The daughter was the aggressor and she was arrested and confined at PCSO.

Anthem Way - A juvenile reported that a male subject exposed himself at the school. This is an ongoing investigation with a suspect.

W. Admiral Way – A juvenile disclosed that she was sexually assaulted on 1-1-2017. No other details known at this point. Turned over to investigations.

N. Palo Verde – An unknown person removed a pressure washer valued at \$200 from an open garage door. No witnesses.

### **Training**

None

# K-9 Unit

Number of officers assigned to K-9 unit: 1, K9 Murphy

Total number of vehicle stops: 19 Total number of K-9 Utilizations: 4 Total number of vehicle hand searches: 7

Total amount of narcotic seizures (weight): 34.6 grams

Type of Drug	Amount in Weight
Narcotics	0.2 grams
Prescription Drugs	N/A
Paraphernalia	6 individual items

# **K-9** Activity

K9 Murphy attended weekly K9 detection along with the Pinal County Sheriff's Office K9 Unit. During the four-hour block of detection, K9 Murphy's service dog detected marijuana, cocaine, methamphetamine and heroin without incident. K9 Murphy is certified through the (NCAT) National Canine Audit Tracking Systems.

During the month of June 2017, K9 Murphy self-initiated (19) cases which included vehicle stops, field interviews and on-view criminal activity. K9 Murphy was responsible for (16) calls of service dispatched by Florence Police Department. Listed below is a synopsis of what transpired.

K9 Murphy conducted a traffic stop in the area of 2000 West Highway 287. During the traffic stop, subjects attempted to hide from K9 Murphy next to an abandoned residence. K9 Murphy contacted three subjects operating silver BMW. During the investigation, one subject provided a false name later identified to be wanted out of Colorado as a fugitive of justice. K9 Russ located 0.2 grams of methamphetamine to include additional paraphernalia. Located under the driver's seat were loaded 38 special. All three occupants were processed into Pinal County Sheriff's Office Adult Detention Center on drug and weapon charges.

K9 Murphy's vehicle has a/c problems, due to the vehicle being new; parts will have to be pulled from the assembly line. The vehicle is currently at Garrett Motors awaiting warranty work once the part becomes available.

Florence has seen an increase in the use and sales of heroin.

#### **Volunteers**

The Florence Volunteers put in a total of 133 hours for the month of June. There were a total of 9 volunteers that donated their time this month. The Victim Services Unit was utilized twice this month for the families of a deceased person. The volunteers continue to assist the police department with fingerprinting, funeral escorts, and any special events hosted by the Town of Florence. The volunteer program is actively involved in house watches, school zones and business checks. There was seventeen 3511 hearings this month, conducted by a volunteer. The vehicles were released to their respective owners, and three to Hughes towing, and a total of \$1700 was collected for fees.

### **Grants**

Four officers completed Speed, DUI and Occupational Safety enforcement details for the month of June 2017, totaling 38 hours of overtime funded by GOHS.

The following are statistics reported to GOHS for both special events and sustained (regular) activity:

Total citations for the month of June 2017- 63 Total traffic contacts for the month of June 2017- 320

Total traffic contacts for the month of valie 2017 320				
Type of Citation	Total Number			
Civil Speed	19			
Criminal Speed	0			
DUI	3			
DUI Drugs	0			
Other (CT, CR, CV)	44			

#### **Training**

Efforts are continually made by the training staff to incorporate and provide quality training to all FPD (Florence Police Department) officers. FPD staff has worked diligently to reduce training costs by providing required internal training.

#### **Traffic**

Total number of Citations issued for the department: 62 for 86 violations

#### **Directed Patrols**

The Police Department conducted 376 Directed Patrols during June. Directed Patrols are a proactive, police-initiated, approach which focuses patrol resources on the places with highest risks of serious crime to increase crime prevention. Statistics have proven that an increased proactive patrol in high crime areas has decreased crimes.