

Contact Arizona 811 at least two full working days before you begin excavation

Call 811 or click Arizona811.com

APS ENGINEERING
 CHECKED BY:

UTILITIES KEY

EXISTING	PROPOSED
W	WATER
S	SEWER
G	GAS
SD	STORM DRAIN
IRR	IRRIGATION
TS	TRAFFIC SIGNAL
T	TELCO
CATV	CABLE TV
FO	FIBER
	OH TRANSMISSION (69KV)*
	OH PRIMARY (12,470/7,200V)*
	OH SECONDARY/SERVICE (120/240V)*
	UG TRANSMISSION (69KV)*
	UG PRIMARY (12,470/7,200V)*
	UG SECONDARY/SERVICE (120/240V)*
	SPARE CONDUIT
	TRENCH RUNNING LINE

* UNLESS OTHERWISE NOTED

APS SYMBOL LEGEND

EXISTING	PROPOSED
	PADMOUNT TRANSFORMER
	SWITCHING CABINETS
	OH/UG SWITCHING CABINET
	OH/UG CAPACITOR BANK
	J-BOX / PULL BOX
	MANHOLES
	OH TRANSFORMER
	OH SWITCH (KPF)
	APS OWNED POLE
	APS OWNED STEEL POLE
	APS OWNED JOINT USE POLE
	DIP (TRANSITION) POLE
	STREET LIGHT
	DUSK TO DAWN LIGHT

WIRE DATA

CODE	TYPE	INST	REM	ABAND
6250.A795V	PRIMARY	2,438'	0'	0'
6260.A002E	PRIMARY	813'	0'	0'
6215.UA750T	PRIMARY	942'	0'	0'
6215.UA10T	PRIMARY	29'	0'	0'
6220.UA10A	SERVICE	23'	0'	0'

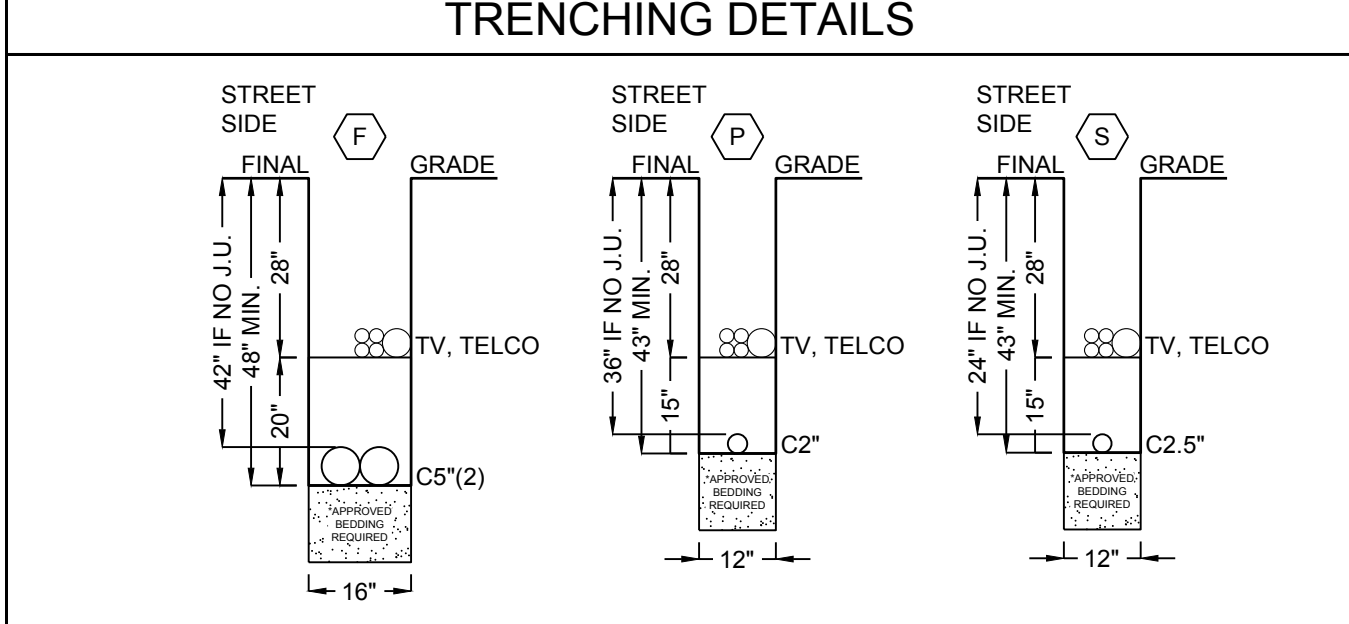
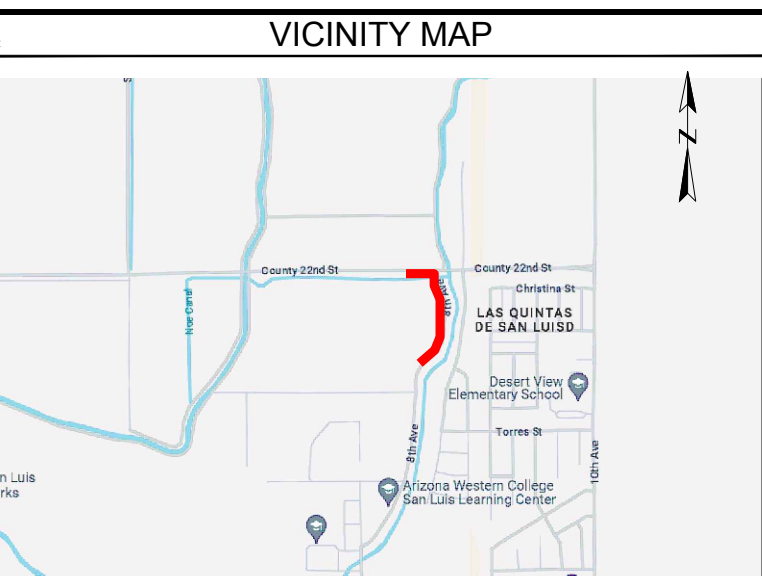
GENERAL CONSTRUCTION NOTES
 CUSTOMER TO PROVIDE & INSTALL:

- STAKING PROPERTY CORNERS WITH OFFICIAL SURVEY CAPS, ELEVATIONS AND GRADES. THERE IS A RESTARTING FEE IF RESURVEYING IS REQUIRED DUE TO APS SURVEY STAKES BEING DESTROYED IN THE FIELD.
- ALL APPROVED TRENCH & CONDUIT MATERIALS IN COMPLIANCE WITH THE A.P.S. TRENCH AGREEMENT & THE TRANSMISSION & DISTRIBUTION CONSTRUCTION STANDARDS, UNLESS OTHERWISE NOTED.

APS TO PROVIDE, CUSTOMER TO INSTALL:

- EQUIPMENT PADS (EXCEPT 3-PHASE TRANSFORMER PADS), J-BOXES, PULL BOXES, FLAT STRAP AND MANHOLES UNLESS NOTED OTHERWISE. PLEASE CONTACT CSR TO ARRANGE TO PICK UP YOUR MATERIAL.

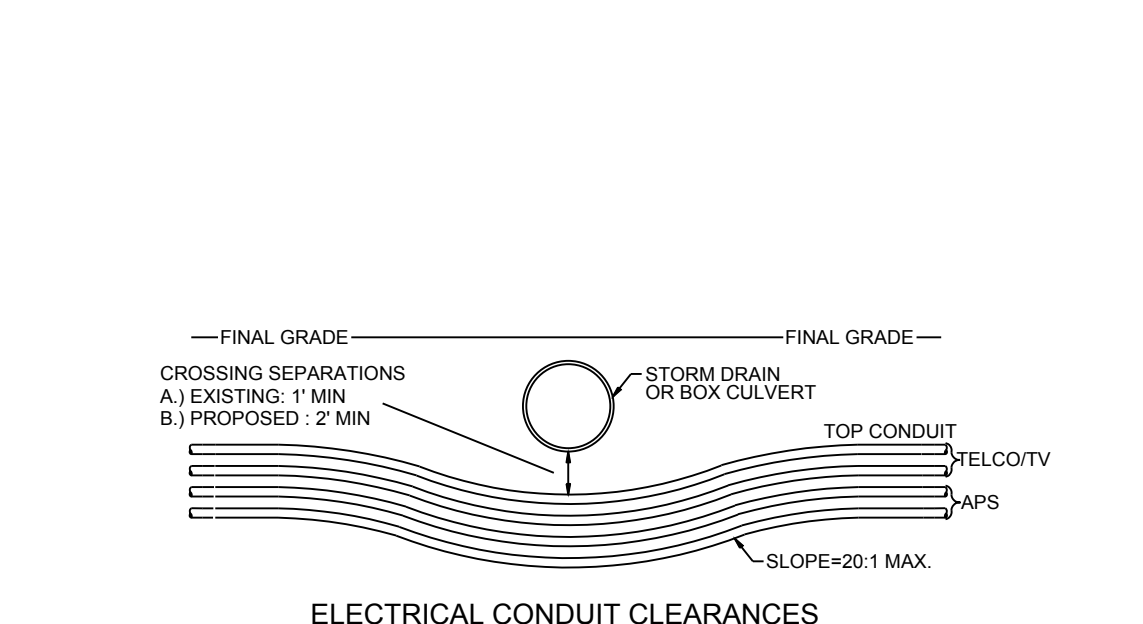
COORDINATE WITH WOF



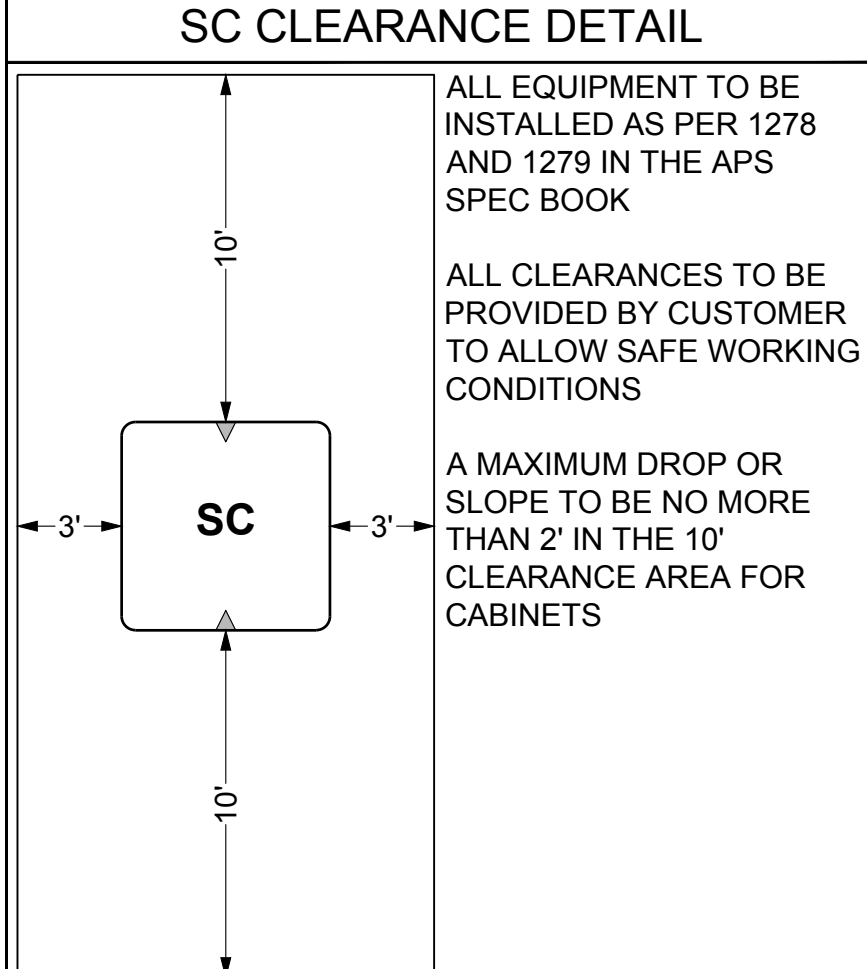
CONCRETE ENCASUREMENT NOTES

ALL 5" SWEEPS TO BE CONCRETE ENCASED. COMPRESSIVE STRENGTH: 260 MIN PSI TO 300 MAX PSI (190 TO 200 POUNDS CEMENT/CU YARD (2-SACK MIX))

ENCASUREMENT SHALL BE A MIN OF 3" THICK SURROUNDING THE SWEEP AND SHALL EXTEND 12" BEYOND THE SWEEP COUPLINGS (20.9 APS SPEC BOOK)



- | | | | | |
|-----|-----------------------|---|---------|-----------------------|
| 1 | REMOVE | 6902.A18M [ANCHOR] | INSTALL | 3303.SC3AD1 [FRAMING] |
| 2 | INSTALL (3 LOCATIONS) | 1907.501G [50' STEEL POLE]
3130.SC3N1K1 [FRAMING]
8054.SS8CL54 [LUMINAIRE]
8108.A4B [FUSE] | | |
| 3 | INSTALL | 1907.353G [50' STEEL POLE]
8040.SBCL540A [LUMINAIRE]
8108.A4B [FUSE] | | |
| 4 | INSTALL | 1907.501G [50' STEEL POLE]
3275.SC3AD1 [FRAMING]
2350.H23 [DAMPERS]
6904.A18MK [GUYING]
5470.S7K6A4 [FEEDER DIP]
8881.JQ(2) [5" PLUGS]* | | |
| 5 | INSTALL | 8476.09 [2-WAY SC]
8542.0A [BOX VAULT]
2895.JC1(2)(6) [T-BODIES]
2470.B [750 FAULT INDICATOR]
2895.B(6) [600A CAP]
2894.FA112 [LOAD-BREAK ELBOW]
2470.A [FAULT INDICATOR]
2894.C(5) [200A CAP]
2660.CD10 [FUSE]
8881.JQ(4) [5" PLUGS]*
8881.DQ(6) [2" PLUGS]* | | |
| 6 | INSTALL | 7626.B032A (50KVA, 1Ø, 7,200/12,470V, 120/240V)[UGTX]
7922 [PAD]*
2701.B [SERVICE CONNECTION]
8881.DQ [2" PLUG]*
8881.EQ [2.5" PLUG] | | |
| (W) | INSTALL | 6250.A795V(2438) [795 OH]
6260.A002E(813) [K-CABLE #2 SECONDARY]
6215.UA750T(942) [750 FEEDER]
6215.UA10T(29) [110 PRIMARY]
6220.UA10A(23) [110 SERVICE]
8895.ML(3) [LUBE]
8895.MR(1800) [FLAT-STRAP]* | | |
- * APS PROVIDED, CUSTOMER INSTALLED



TRENCHING NOTES

TRENCHES 60" OR MORE IN DEPTH SHALL BE SHORED, LAID BACK TO A STABLE SLOPE, OR SOME OTHER MEANS OF PROTECTION SHALL BE PROVIDED TO GUARD AGAINST MOVING GROUND AND CAVE-INS

CUSTOMER TO PROVIDE & INSTALL CONDUIT SYSTEM PER APS SPEC

CENTERLINE OF APS MAIN TRENCH TO BE 3' BEHIND FRONT PROPERTY LINE

APS TO STAKE ALL CONDUIT CROSSINGS, EQUIPMENT LOCATIONS, STREET LIGHT STUB-OUTS & NEW POLE LOCATIONS

CALL 928-336-9838 TO SCHEDULE STAKING OR TRENCH/CONDUIT INSPECTION

MAINTAIN MIN 4' HORIZONTAL CLEARANCE BETWEEN FIRE HYDRANT & APS U.G. FACILITIES

MINIMUM 12" CLEARANCE REQUIRED AT ALL UTILITY CROSSINGS

ADDITIONAL EXCAVATION REQUIRED ON PROPERTY SIDE OF PAD-MOUNT EQUIP TO ALLOW GAS FACILITIES TO GO AROUND - MIN 12" CLEARANCE REQUIRED BETWEEN EDGE OF PAD AND GAS (4' BETWEEN GAS MAIN & APS SERVICE CONDUIT)

APS HIGHLY CONFIDENTIAL

CRITICAL ENERGY/ELECTRIC INFRASTRUCTURE INFORMATION (CEII)
 EXEMPT FROM MANDATORY DISCLOSURE REQUIREMENTS OF THE FREEDOM OF INFORMATION ACT, 5 U.S.C. §552 AND SHOULD BE WITHHELD FROM PUBLIC DISCLOSURE, 18 C.F.R. §388.113.

3/17/25

DISCLAIMER

BY ACCEPTING THIS DATA, RECIPIENT ACKNOWLEDGES AND AGREES TO THE FOLLOWING CONDITIONS:

- ALL DATA PROVIDED BY APS IS RESTRICTED TO USE AND REFERENCE ONLY TO THE SITE AND PROJECT FOR WHICH IT WAS ORIGINALLY PREPARED. ANY OTHER USES ARE PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM APS.
- ANY USE OF ELECTRONIC DATA RECEIVED FROM APS BY RECIPIENT SHALL BE AT THE RECIPIENT'S FULL RISK. RECIPIENT INDEMNIFIES AND HOLDS APS HARMLESS FROM DAMAGES, CLAIMS, OR LOSSES RESULTING FROM THE USE OF PROVIDED ELECTRONIC DATA. IN THE EVENT OF REQUIRED DEFENSE, RECIPIENT SHALL BE RESPONSIBLE FOR ANY AND ALL LEGAL EXPENSES AND ATTORNEYS' FEES. THE ELECTRONIC DATA RECEIVED FROM APS IS PROHIBITED FROM FURTHER DISTRIBUTION TO THIRD PARTIES WITHOUT WRITTEN AUTHORIZATION FROM APS.
- RECIPIENT ACKNOWLEDGES THAT CONSTRUCTION PLANS MAY BE UPDATED AND THE ELECTRONIC DATA PROVIDED HEREIN BY APS MAY BECOME OUTDATED. THE ELECTRONIC DATA SHALL NOT BE CONSIDERED "CONSTRUCTION DOCUMENTS". ALL DOCUMENTS CONSIDERED "CONSTRUCTION DOCUMENTS" SHALL BE HARD COPY ONLY AND IT IS RECIPIENT'S RESPONSIBILITY TO ASSURE THE ELECTRONIC DATA CONFORMS AND MATCHES THE LATEST SET OF CONSTRUCTION DOCUMENTS.
- IT IS THE RECIPIENT'S RESPONSIBILITY TO CONTACT BLUE STAKE PRIOR TO TRENCHING OR DIGGING. FAILURE TO CONTACT BLUE STAKE MAY RESULT IN VIOLATIONS OF A.R.S. §40-360.22 AND 40-360.23A.
- BY SIGNING THIS APPROVED DOCUMENT, CUSTOMER ACKNOWLEDGES THAT ALL INFORMATION CONTAINED WITHIN THESE DRAWINGS ARE APS HIGHLY CONFIDENTIAL AND CUSTOMER ASSUMES FULL RESPONSIBILITY DUE TO ANY DEVIATIONS OR CHANGES WITHOUT WRITTEN CONSENT TO APS.

QUARTER SECTION GRID DATA

T11S R24W Sec 06 NE 1/4 MAP#

CONTACT: DANIEL BARRERA
 PHONE: 928-615-0431 MOBILE:
 INSPECTOR: ADAM CASTANEDA
 PHONE: 928-259-9854 MOBILE:

REVISION

DATE	DESCRIPTION	BY

WA766838

CITY OF SAN LUIS - TRAFFIC SIGNAL
 COUNTY 22ND & SIDEWINDER RD. SAN LUIS AZ 85349

FILE: WA766838.dwg
 BY: R.A.S. DATE: 03/18/2025
 SCALE: 1:40 SHEET 1 OF 2

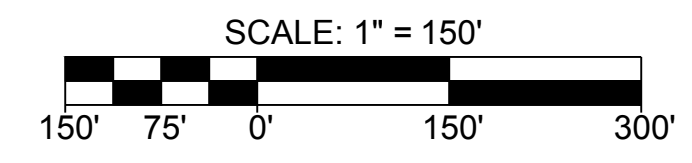
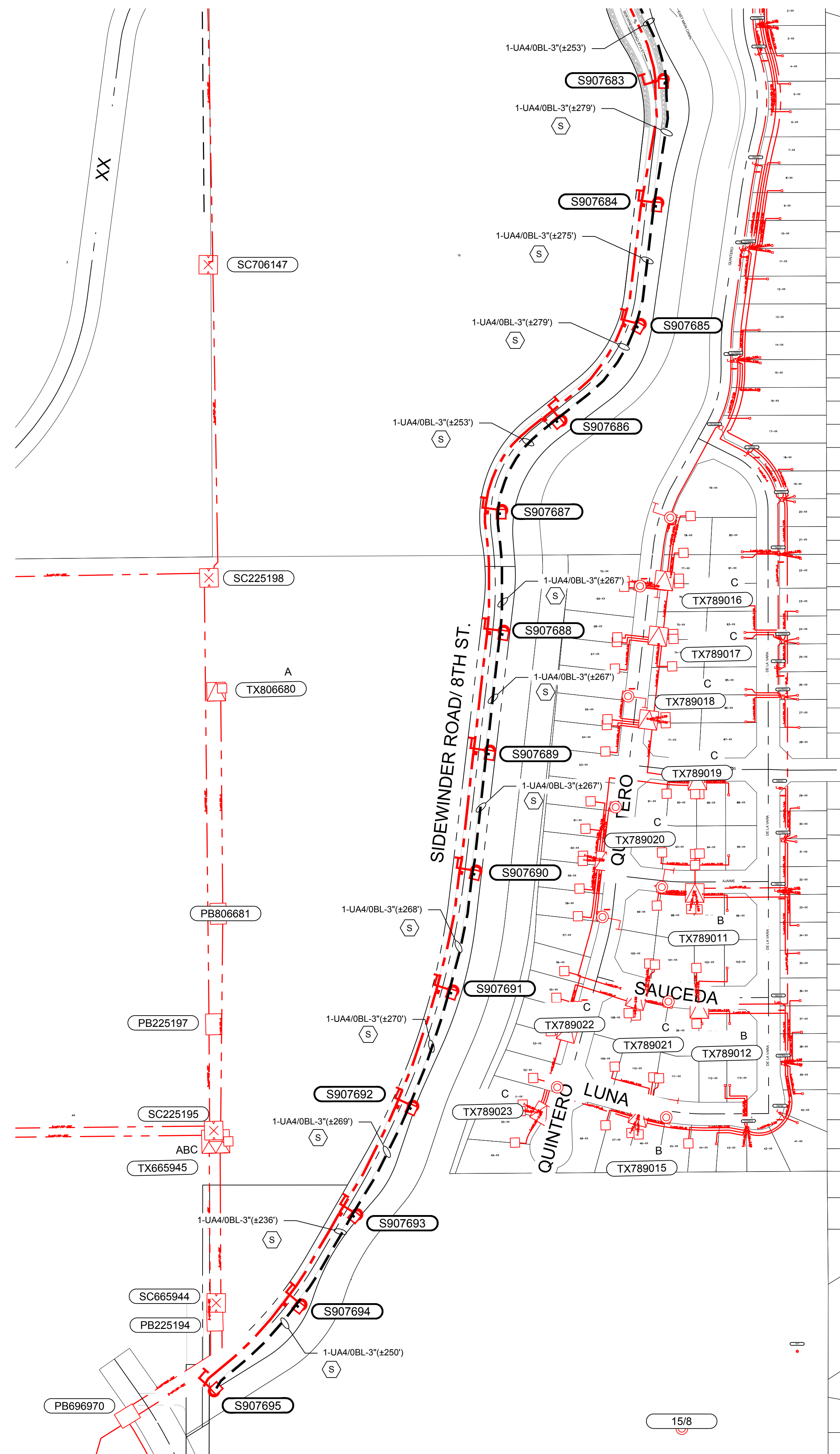
DATE PLOTTED: 03/18/2025 11:27 AM. DESIGN DRAWINGS SHALL BE PRINTED ON ARCH D SIZE (24" X 36") PAPER.

FUTURE LIGHTING(REFERENCE ONLY)



REFERENCE ONLY

03/18/2025 R.A.S.



GENERAL CONSTRUCTION NOTES
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COORDINATE WITH WO# _____

Curbs and Sidewalks
 SIDEWALKS AND CURBS INSTALLED PRIOR TO THE COMPLETION OF APS CONSTRUCTION, WHICH MAY INTERFERE WITH APS CONSTRUCTION, WILL BE REPAIRED AT CUSTOMER'S EXPENSE.

Revisions
 THERE WILL BE A CHARGE TO THE CUSTOMER FOR CHANGES MADE AT THE REQUEST OF THE CUSTOMER TO THE FINAL DESIGN.

Easements
 TRENCH, CONDUIT, AND ANY OTHER FACILITIES INSTALLED PRIOR TO OBTAINING EASEMENTS IS AT THE RISK OF THE CUSTOMER. IF THE FINAL DESIGN MUST CHANGE BECAUSE EASEMENTS CANNOT BE GRANTED, THE CUSTOMER IS RESPONSIBLE FOR ALL COST AND INSTALLATION ASSOCIATED WITH THE CHANGE.

Permits
 APS WILL SUBMIT PERMITS. CONTRACTOR MUST SHOW PROOF OF BOND AND SIGN PERMITS PRIOR TO STARTING WORK.

Existing Underground Electric Lines
 THE LOCATION OF LINES IS APPROXIMATE AND THE AS-BUILT LOCATIONS IN THE FIELD MAY BE DIFFERENT.

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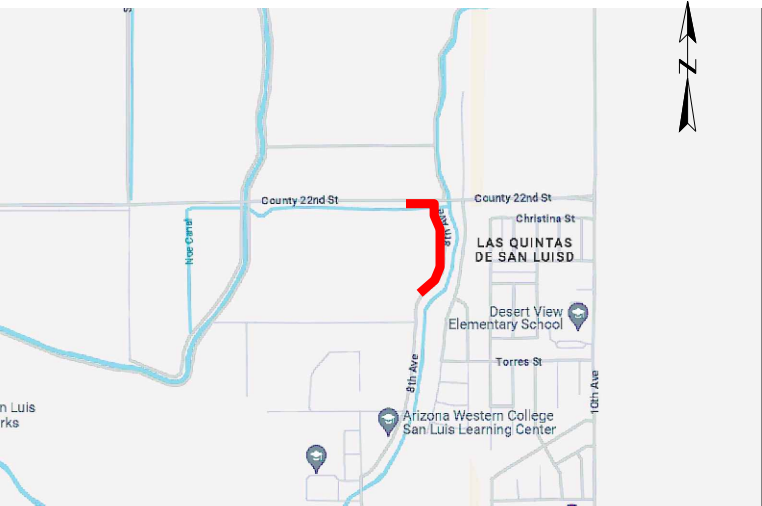
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---	SPARE CONDUIT	---
---	TRENCH RUNNING LINE	---

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EXISTING	PROPOSED

DATA MODIFIED PER FIELD CONDITIONS

VICINITY MAP



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T11S R24W Sec 06 NE 1/4 MAP#

CONTACT: DANIEL BARRERA

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