

SITE PHOTO

VERIZON WIRELESS SITE ID:
PHO_SHADOWS 08_SC (610913)

LIGHT POLE NUMBER:
26711

JURISDICTIONAL PERMIT NUMBER:

METER & POLE ADDRESS:
7702 E. JACKRABBIT RD.
SCOTTSDALE, AZ 85257

JURISDICTION SPECIAL NOTES

- STIPULATIONS:**
- ARCHITECTURAL ELEMENTS, INCLUDING DIMENSIONS, MATERIALS, FORM, COLOR, AND TEXTURE, SHALL BE CONSTRUCTED TO BE CONSISTENT WITH THE BUILDING ELEVATIONS SUBMITTED BY VERIZON AND YOUNG DESIGN CORP.
 - THE LOCATION AND CONFIGURATION OF ALL SITE IMPROVEMENTS SHALL BE CONSISTENT WITH THE SITE PLAN SUBMITTED BY VERIZON AND YOUNG DESIGN CORP.
 - PRIOR TO FINAL PLANS SUBMITTAL, THE DEVELOPER SHALL OBTAIN A ROW, NON-SYSTEM ADDRESS FROM A CITY'S RECORD DEPARTMENT FOR THE SUBJECT LIGHT POLE OR ELECTRICAL METER, AND THIS ADDRESS SHALL APPEAR ON THE CONSTRUCTION DRAWINGS.
 - EXISTING LIGHT SHALL REMAIN IN OPERATION UNTIL NEW STREET LIGHT POLE IS ON OPERATION. AT THAT TIME, OLD POLE SHALL BE REMOVED. COORDINATE WITH INSPECTION SERVICES.
 - REPLACEMENT STREET LIGHT POLE TO BE UNPAINTED GALVANIZED. ANTENNAS TO BE PAINTED 2X PRIMER SATIN GRANITE OR EQUIVALENT.
 - REPLACEMENT STREET LIGHT POLE SHALL BE TAPERED IN TWO LOCATIONS, TO MATCH THE DESIGN OF THE EXISTING STREETLIGHT POLE. WITH THE FINAL PLANS SUBMITTAL, REVISE BUILDING ELEVATIONS TO REFLECT THE USE OF A TAPERED POLE.
 - ON THE FINAL PLANS SUBMITTAL, THE APPLICANT SHALL DRAW SIGHT VISIBILITY TRIANGLES FROM THE EXISTING DRIVEWAYS PURSUANT TO THE SCOTTSDALE DESIGN STANDARDS AND POLICIES MANUAL TO ENSURE METER IS NOT LOCATED WITHIN SIGHT VISIBILITY TRIANGLE.
 - ON THE FINAL PLANS SUBMITTAL, THE APPLICANT SHALL SUBMIT A DETAIL OF THE REQUIRED EMERGENCY SITE MARKER OR PLAQUE, SHOWING CONFORMANCE WITH ZONING ORDINANCE REQUIREMENTS. THE SITE PLAN AND ELEVATIONS SHALL CLEARLY IDENTIFY THE LOCATION OF THE MARKER / PLAQUE AND IT SHALL LIST THE SERVICE PROVIDER NAME AND EMERGENCY CONTACT NUMBER.
 - WITH THE FINAL PLANS SUBMITTAL, THE DEVELOPER SHALL SUBMIT A COMPLETED ANTENNA SITE RIGHT-OF-WAY LICENSE AGREEMENT (ARLA) DOCUMENT THAT HAS BEEN APPROVED BY THE CITY'S TELECOMMUNICATIONS POLICY COORDINATOR. ACCOMPANYING THE ARLA SHALL BE A CURRENT CERTIFICATE OF INSURANCE.
 - PRIOR TO CONSTRUCTION, THE APPLICANT SHALL OBTAIN PERMISSION TO WORK IN THE RIGHT-OF-WAY (ENCROACHMENT PERMIT) FROM THE CITY OF SCOTTSDALE. SUBMITTAL FOR THIS PERMIT SHALL INCLUDE A BARRICADE AND TRAFFIC CONTROL PLAN.
 - PRIOR TO ANY CONSTRUCTION, SCHEDULE A PRE-CONSTRUCTION MEETING WITH INSPECTION SERVICES BY CALLING 480-312-5750. THIS NOTE SHALL APPEAR ON THE COVER SHEET OF THE CONSTRUCTION DRAWINGS.
 - PRIOR TO OR DURING THE ISSUANCE OF PERMITS, THE APPLICANT SHALL PAY THE FIRST YEAR RENT FOR THE ANTENNA SITE RIGHT-OF-WAY LICENSE AGREEMENT (ARLA) TO THE ONE STOP SHOP.

NOTE: SCHEDULE A PRE-CONSTRUCTION MEETING WITH INSPECTION SERVICES BY CALLING 480-312-5796 OR 480-312-5750 OR SCHEDULE ON-LINE AT [HTTPS://ESERVICES.SCOTTSDALEAZ.GOV/BLGDRESOURCES](https://eservices.scottsdaleaz.gov/blgdresources)

PER STIP #11 332-SA-2017

NOTE: BARRICADE AND TRAFFIC CONTROL PLAN SHALL BE APPROVED BY INSPECTION SERVICES.

GENERAL NOTES FOR PUBLIC WORKS CONSTRUCTION

- ALL CONSTRUCTION IN THE PUBLIC RIGHTS-OF-WAY OR IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE LATEST VERSION OF THE CITY OF SCOTTSDALE STANDARD SPECIFICATIONS AND SUPPLEMENTAL STANDARD DETAILS. IF THERE IS A CONFLICT, THE CITY'S SUPPLEMENTAL STANDARD DETAILS WILL GOVERN.
- THE CITY ONLY APPROVES THE SCOPE, NOT THE DETAIL, OF ENGINEERING DESIGNS; THEREFORE, IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE CITY.
- THE APPROVAL OF PLANS IS VALID FOR SIX (6) MONTHS. IF AN ENCROACHMENT PERMIT FOR CONSTRUCTION HAS NOT BEEN ISSUED WITHIN SIX MONTHS, THE PLANS MUST BE RESUBMITTED TO THE CITY FOR RE-APPROVAL.
- A PUBLIC WORKS INSPECTOR WILL INSPECT ALL WORKS WITHIN THE CITY OF SCOTTSDALE RIGHTS-OF-WAY AND IN EASEMENTS. NOTIFY INSPECTION SERVICES 24 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING 480-312-5750.
- WHENEVER EXCAVATION IS NECESSARY, CALL THE BLUE STAKE CENTER, 602-263-1100, TWO WORKING DAYS BEFORE EXCAVATION BEGINS. THE CENTER WILL SEE THAT THE LOCATION OF THE UNDERGROUND UTILITY LINES IS IDENTIFIED FOR THE PROJECT. CALL "COLLECT" IF NECESSARY.
- ENCROACHMENT PERMITS ARE REQUIRED FOR ALL WORK IN PUBLIC RIGHTS-OF-WAY AND EASEMENTS GRANTED FOR PUBLIC PURPOSES. AN ENCROACHMENT PERMIT WILL BE ISSUED BY THE CITY ONLY AFTER THE REGISTRANT HAS PAID A BASE FEE PLUS A FEE FOR INSPECTION SERVICES. COPIES OF ALL PERMITS MUST BE RETAINED ON-SITE AND BE AVAILABLE FOR INSPECTION AT ALL TIMES. FAILURE TO PRODUCE THE REQUIRED PERMITS WILL RESULT IN IMMEDIATE SUSPENSION OF ALL WORK UNTIL THE PROPER PERMIT DOCUMENTATION IS OBTAINED.
- ALL EXCAVATION AND GRADING THAT IS NOT IN THE PUBLIC RIGHTS-OF-WAY OR NOT IN EASEMENTS GRANTED FOR PUBLIC USE MUST CONFORM TO CHAPTER 70, EXCAVATION AND GRADING, OF THE LATEST EDITION OF THE UNIFORM BUILDING CODE PREPARED BY THE INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS. A PERMIT FOR THIS GRADING MUST BE SECURED FROM THE CITY FOR A FEE ESTABLISHED BY THE UNIFORM BUILDING CODE.

CONSTRUCTION NOTES

- REFER TO CITY OF SCOTTSDALE WATER SEPARATION DETAIL 2372.
- REFER TO CITY OF SCOTTSDALE SEWER SEPARATION DETAIL 2401.
- REFER TO CITY OF SCOTTSDALE PAVEMENT REPLACEMENT DETAIL 2200.
- REFER TO CITY OF SCOTTSDALE TRENCH BACKFILL DETAIL 2201.

PROJECT SYMBOL LEGEND

	LEASE LINE
	PROPERTY LINE
	CHAIN LINK FENCE LINE
	BLOCK WALL
	ELEVATION DATUM A.F.F.
	UNDERGROUND ELECTRICAL
	OVERHEAD ELECTRICAL
	FIBER OPTIC CONDUIT
	WATER LINE
	TELEPHONE CONDUIT
	UNDERGROUND GAS LINE
	NEW VERIZON WIRELESS FIBER VAULT
	NEW VERIZON WIRELESS ELECTRICAL METER
	EXISTING ELECTRICAL TRANSFORMER
	EXISTING ELECTRICAL J-BOX
	EXISTING FIRE HYDRANT
	REVISION
	NORTH ARROW
	DETAIL IDENTIFICATION
	STREET LIGHT

PROJECT DESCRIPTION & DATA

SCOPE OF WORK:

- REMOVE EXISTING 22'-7" STREET LIGHT POLE & PARTIAL REMOVAL OF EXISTING FOUNDATION.
- INSTALL NEW LIGHT POLE WITH FOUNDATION
- INSTALL (3) NEW TECH. ANTENNAS ON NEW POLE.
- INSTALL (1) NEW ELECTRICAL POLE-MOUNTED METER.
- INSTALL NEW UNDERGROUND POWER & FIBER CONDUITS.

PROJECT AREA:

- POLE / FOUNDATION AREA: 2.5' x 2.5' = 6.25 SQ. FT.
- METER AREA: 1.83' x 1.83' = 3.35 SQ. FT.
- VAULT AREA: 2.2' x 3.2' = 7.04 SQ. FT.
- TOTAL PROJECT AREA: 16.64 SQ. FT.

CUBIC FOOTAGE SUMMARY:

- NEW TECH. ANTENNAS CUBIC FOOTAGE SUMMARY: 2.31 CU. FT. (12" WIDE X 4.6" DEEP X 24" HIGH) / 1728 = .77 CU. FT. * (3)
- TOTAL ANTENNA VOLUME: 2.31 CU. FT.

PROJECT DATA

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

- APN: R.O.W.
- ZONING: N/A
- JURISDICTION: CITY OF SCOTTSDALE
- COUNTY: MARICOPA
- BUILDING CODES: 2015 IBC W/ LOCAL AMENDMENTS, 2015 IMC W/ LOCAL AMENDMENTS, 2015 IFC W/ LOCAL AMENDMENTS, 2014 NEC W/ LOCAL AMENDMENTS

CLIENT

VERIZON WIRELESS
 126 W. GEMINI DR.
 TEMPE, AZ. 85283

REAL ESTATE MANAGER
 CONTACT: JAMISON TYLER
 PHONE: (602) 228-7830
 EMAIL: JAMISON.TYLER@VERIZONWIRELESS.COM

CONSTRUCTION MANAGER
 CONTACT: ARFI FAKHRUDDEN
 PHONE: (602) 228-3687
 EMAIL: FAKHRUDDEN.ARFI@VERIZONWIRELESS.COM

REAL ESTATE ESCALATION CONTACT
 CONTACT: NICK MAGNONE
 PHONE: (602) 909-0787
 EMAIL: NICK.MAGNONE@VERIZONWIRELESS.COM

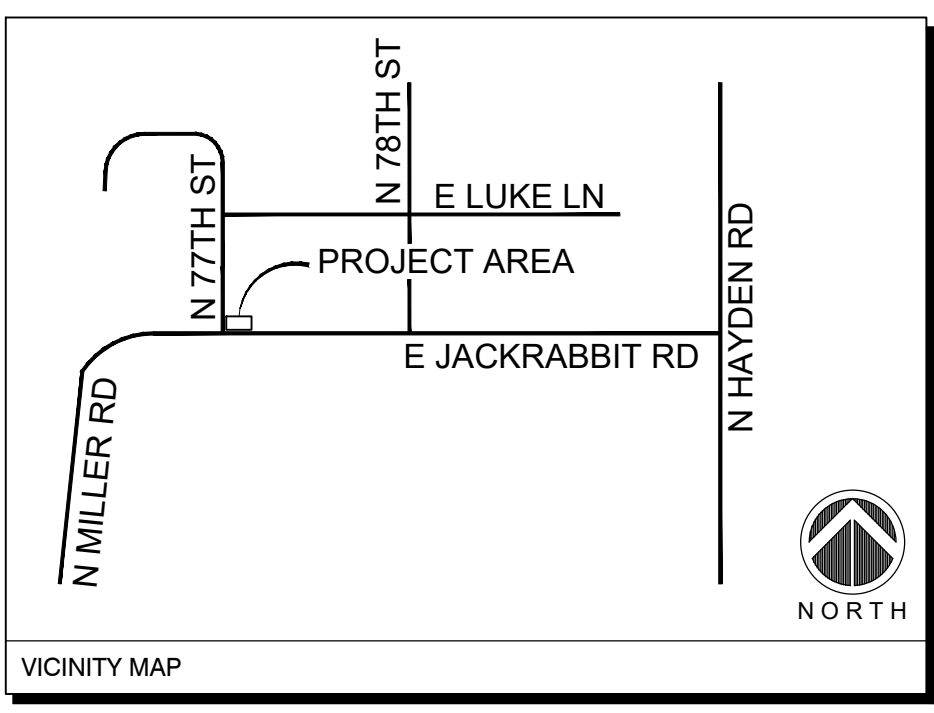
CONSTRUCTION ESCALATION CONTACT
 CONTACT: ADAM FINK
 PHONE: (602) 320-0053
 EMAIL: ADAM.FINK@VERIZONWIRELESS.COM

OWNER

CITY OF SCOTTSDALE
 7447 E. INDIAN SCHOOL RD, STE 205
 SCOTTSDALE, AZ 85257
 CONTACT: KEITH NIEDER
 PHONE: (480) 312-2953

SHEET INDEX

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GEODETTIC COORDINATES

- LATITUDE: 33° 31' 00.521" NORTH (NAD83) [33.516811°]
- LONGITUDE: 111° 54' 54.812" WEST (NAD83) [-111.915226°]
- GROUND ELEVATION: 1270.8' (NAVD88)

GENERAL NOTES

- THIS WIRELESS TELECOMMUNICATIONS FACILITY WILL MEET THE HEALTH AND SAFETY STANDARDS FOR ELECTROMAGNETIC FIELD EMISSIONS AS ESTABLISHED BY THE FEDERAL COMMUNICATIONS COMMISSION OR ANY SUCCESSOR THEREOF, AND ANY OTHER FEDERAL OR STATE AGENCY.
- THIS WIRELESS TELECOMMUNICATIONS FACILITY WILL MEET THE REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION REGARDING PHYSICAL AND ELECTROMAGNETIC INTERFERENCE.
- LIGHTING OR SIGNS WILL BE PROVIDED ONLY AS REQUIRED BY FEDERAL OR STATE AGENCIES.
- DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
- EXISTING PARKING IS NOT AFFECTED BY THIS PROJECT.



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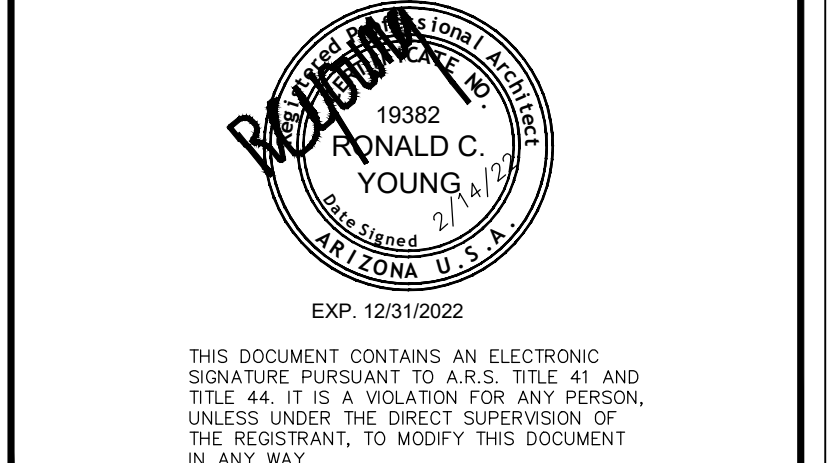


INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

PLANS PREPARED BY



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NO.	DATE	DESCRIPTION
1	10/5/2021	LEASE EXHIBIT
2	2/14/2022	FINAL CD'S

ARCHITECTS JOB NO. YDC-9258

PROJECT INFORMATION

PHO_SHADOWS 08_SC

5G SMALL CELL

T.B.D.
 SCOTTSDALE, AZ 85257

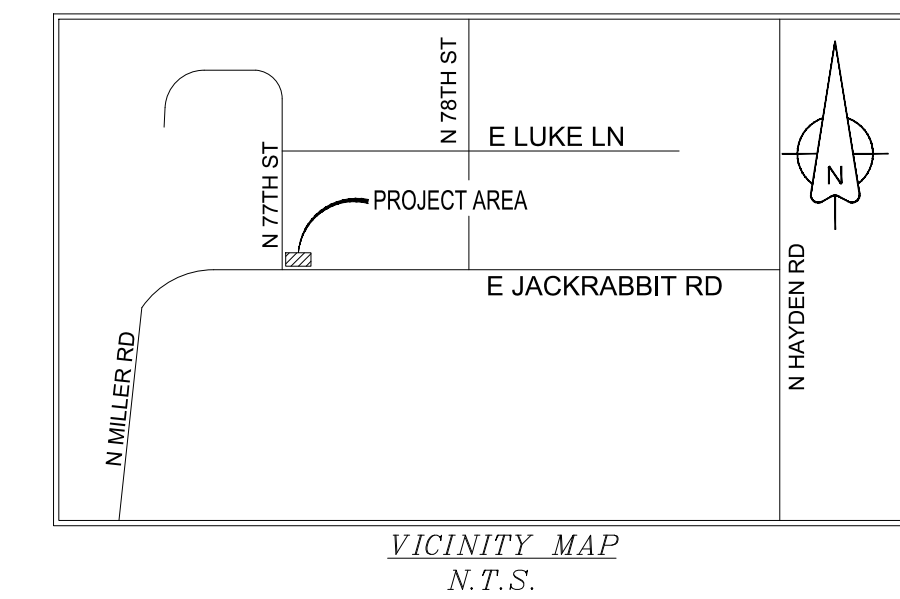
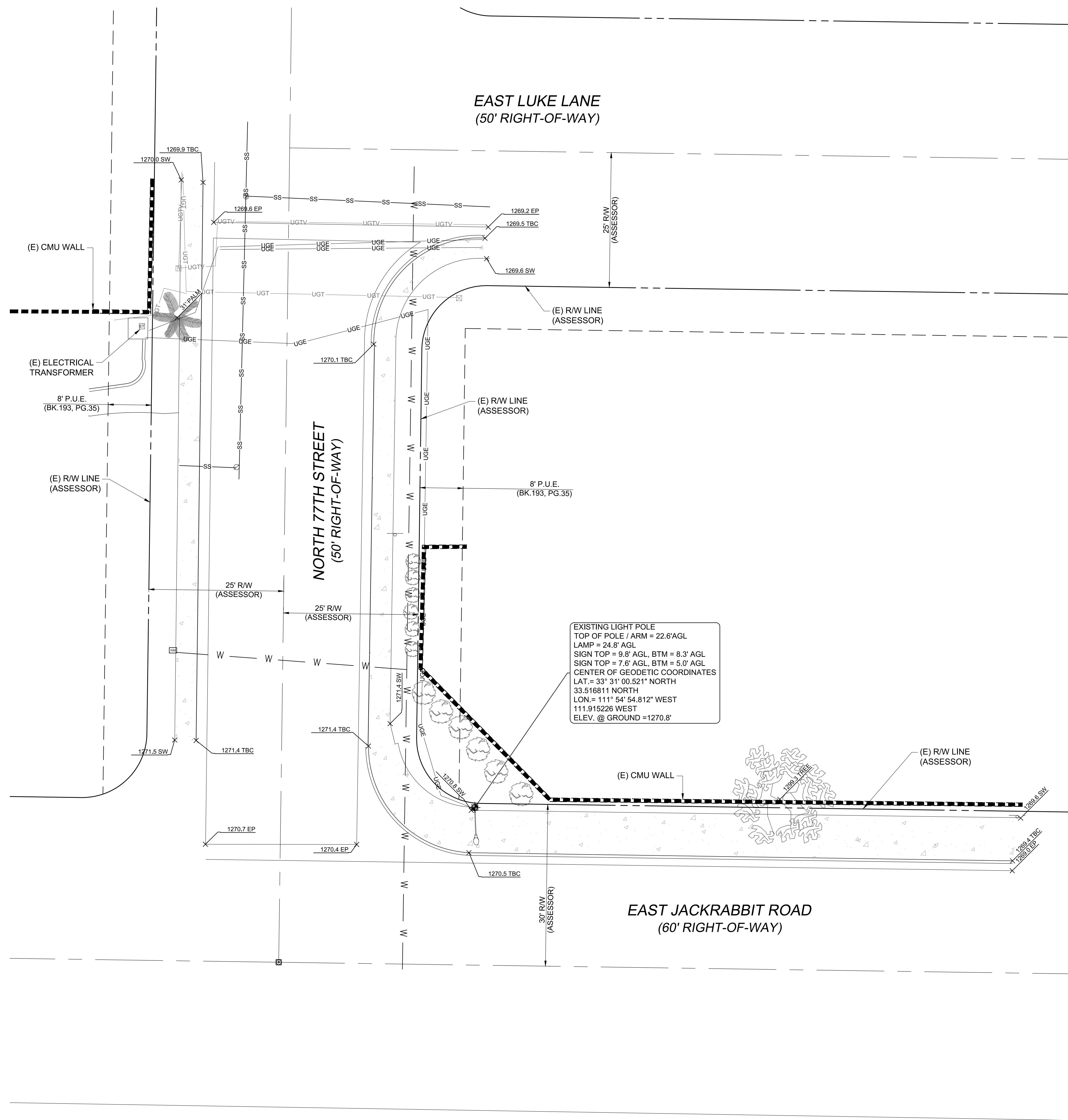
SHEET TITLE

PROJECT INFORMATION AND DATA

JURISDICTION APPROVAL

SHEET NUMBER

T-1



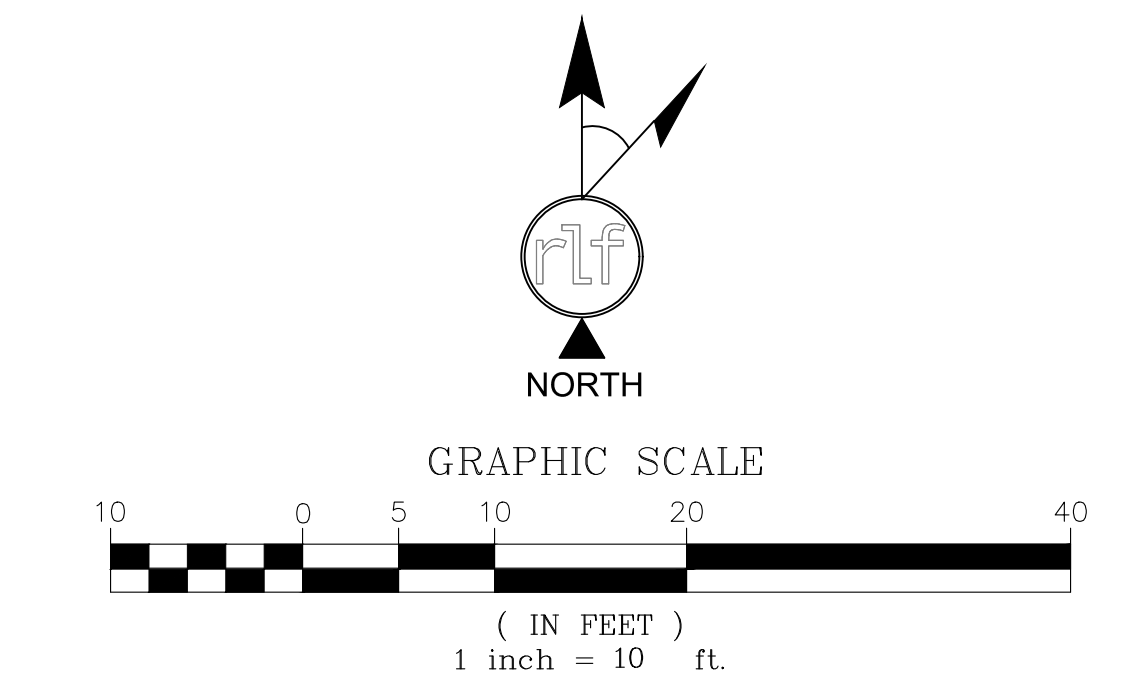
- SURVEYOR NOTES**
1. A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.
 2. SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
 3. THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
 4. SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

- PROJECT META DATA**
1. ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS CONSTRAINING TO NGS CORS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
 2. BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.
 3. FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 10/01/21.

FLOOD ZONE DESIGNATION
 THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04013C1770M DATED 09/18/2020.
 FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN, DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

LESSOR'S LEGAL DESCRIPTION
 MARICOPA COUNTY, STATE OF ARIZONA, CITY OF SCOTTSDALE RIGHT-OF-WAY.

- LEGEND**
- ☐ BRASS CAP IN HANDHOLE
 - ⊞ ELECTRICAL TRANSFORMER
 - ⊞ TELEPHONE PEDESTAL
 - ⊞ TELEVISION RISER
 - ⊞ STREET LIGHT W/ MAST ARM
 - ⊞ WATER METER
 - ⊞ SANITARY SEWER MANHOLE
 - ⊞ SANITARY SEWER CLEANOUT
 - ☐ PALM TREE
 - ☐ DECIDUOUS TREE
 - ☐ BUSH
 - ☐ SIGN
 - × SPOT ELEVATION
 - ⊞ POSITION OF GEODETIC COORDINATES
 - RIGHT-OF-WAY LINE
 - CENTERLINE
 - EASEMENT LINE
 - UGE UGE U/G ELECTRIC LINE
 - T T T U/G TELECOMMUNICATION LINE
 - TV TV TV UNDERGROUND TV LINE
 - SS SS SS SANITARY SEWER LINE
 - W W W WATER LINE



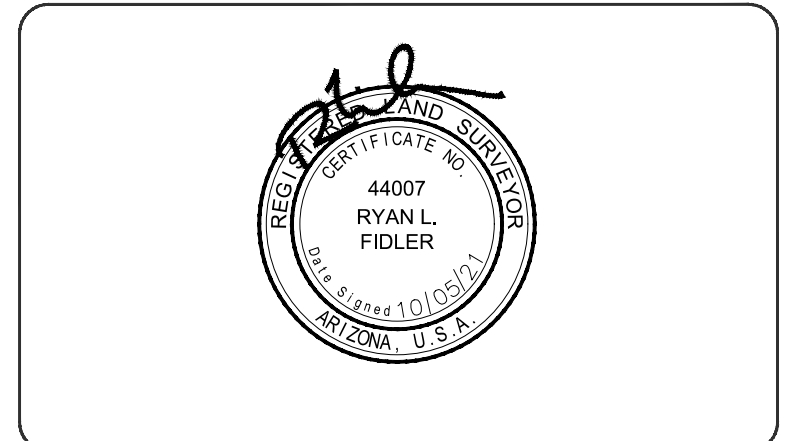
verizon
 126 W. GEMINI DR.
 TEMPE, AZ 85283

Young design corp
 architecture / project management
 10245 E. Via Linda, Scottsdale, AZ 85258
 ph: 480 451 9609 fax: 480 451 9608
 e mail: corp@ydcoffice.com

FIELD BY:	JMM
DRAWN BY:	RDG
CHECKED BY:	RLF

REVISIONS

NO.	DATE	DESCRIPTION
0	10/05/21	PRELIMINARY



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PROJECT No.
090061993
 SITE NAME:
 PHO SHADOWS 8

SITE ADDRESS:
 N 77TH ST & JACKRABBIT RD
 SCOTTSDALE, AZ 85250

SHEET TITLE:
TOPOGRAPHIC SURVEY

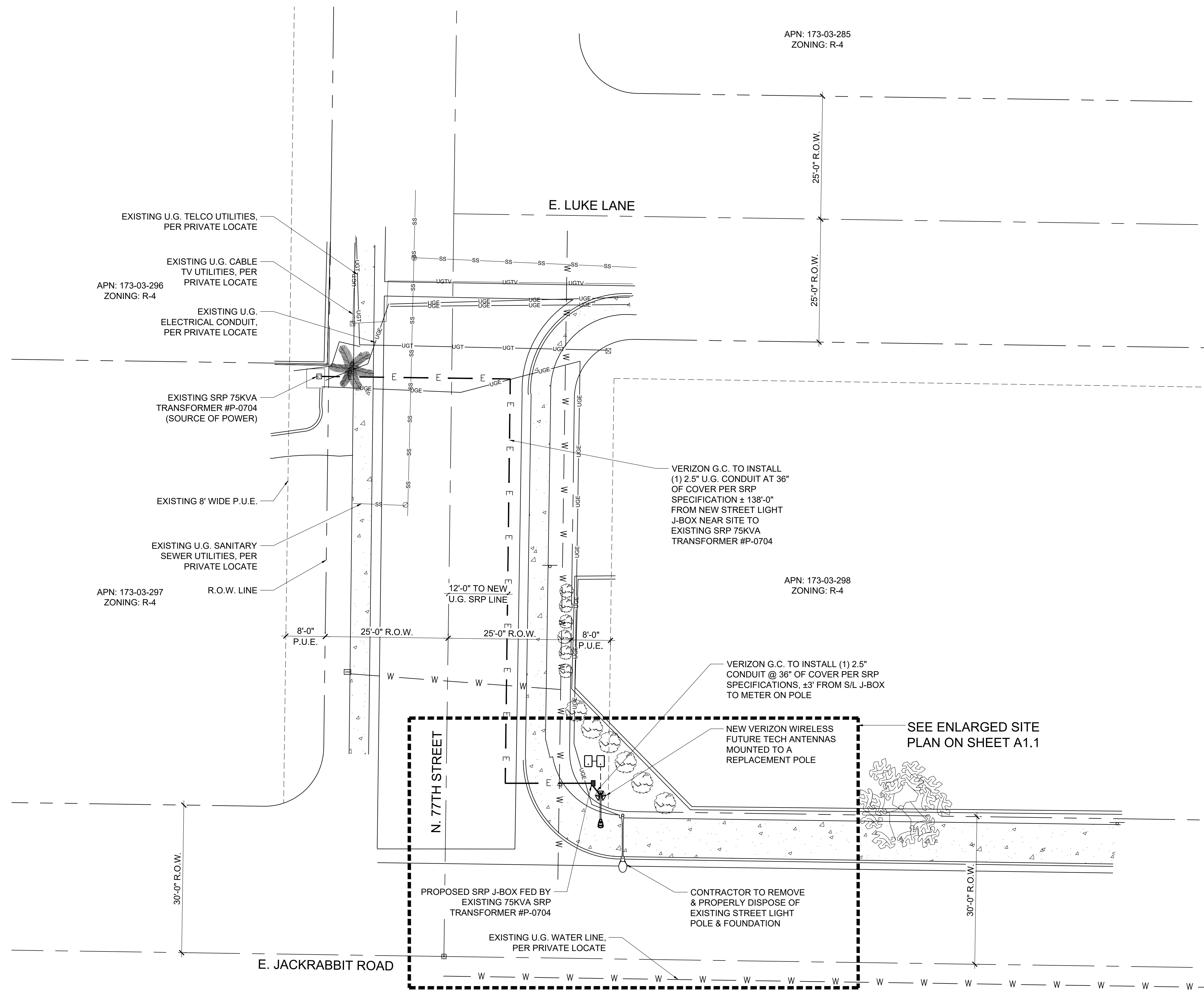
SHEET NO.
LS-1
 REVISION:

NOTES:

- NEW REPLACEMENT POLE TO BE UNPAINTED GALVANIZED PER CITY REQUIREMENTS.
- WHERE EXISTING CONCRETE IS TO BE REMOVED: CONTRACTOR SHALL FOLLOW EXISTING CONTROL JOINTS AND REPLACE AND FINISH NEW CONCRETE WORK TO MATCH EXISTING SURROUNDING SIDEWALKS.

NOTE:

- THIS DETAIL IS TO DEPICT THE OVERALL POWER ROUTE. PLEASE SEE POWER DESIGN ATTACHED TO THE END OF THIS DRAWING SET FOR FURTHER DIMENSIONS OF NEW / EXISTING UNDERGROUND CONDUIT(S).



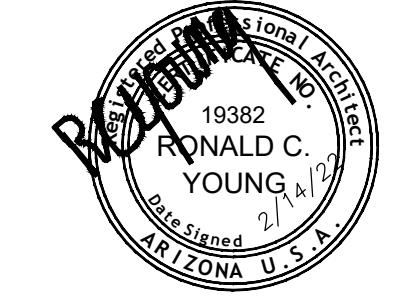
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INTERNAL REVIEW	DATE
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RF SIGNATURE	
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PLANS PREPARED BY
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YDC-9258

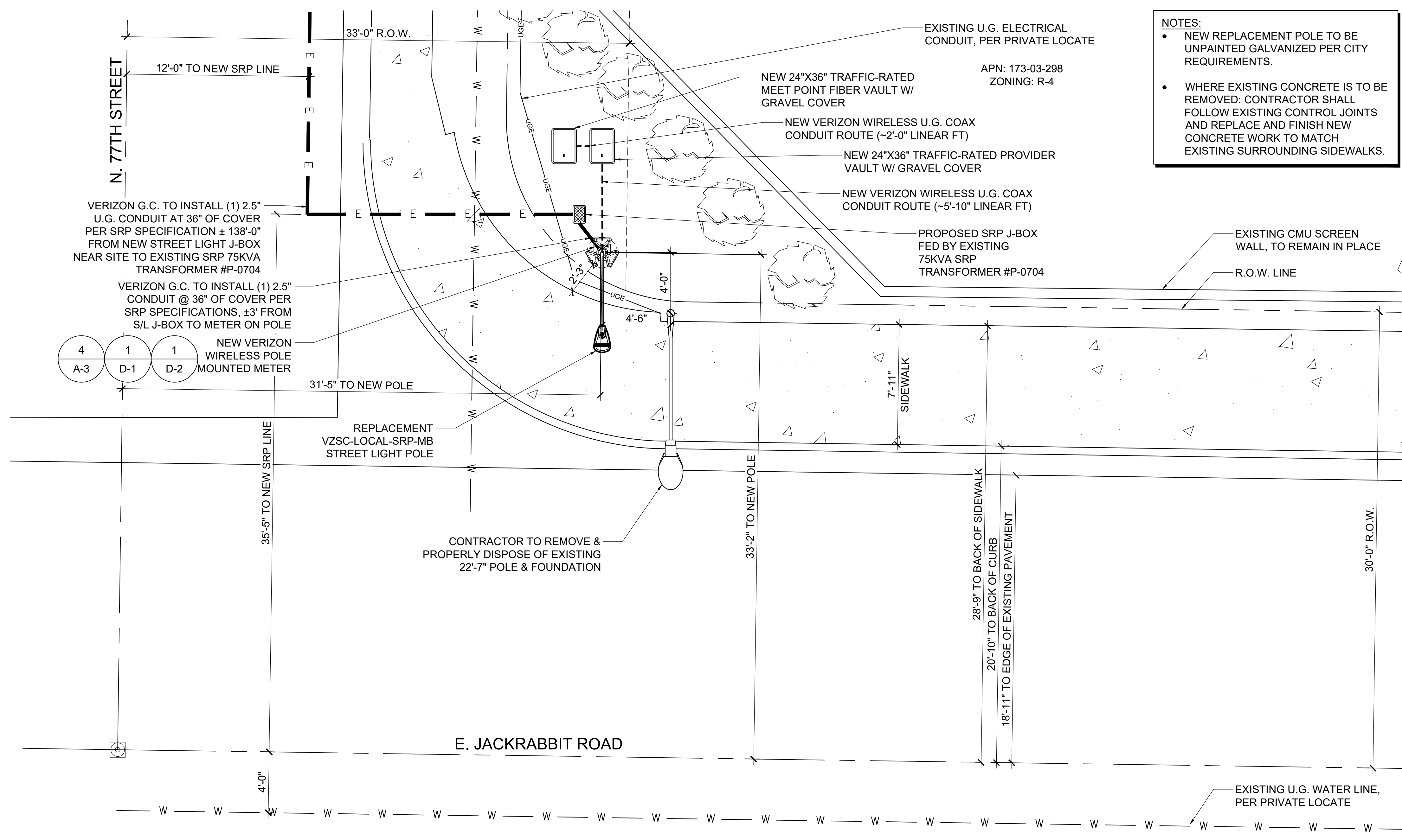
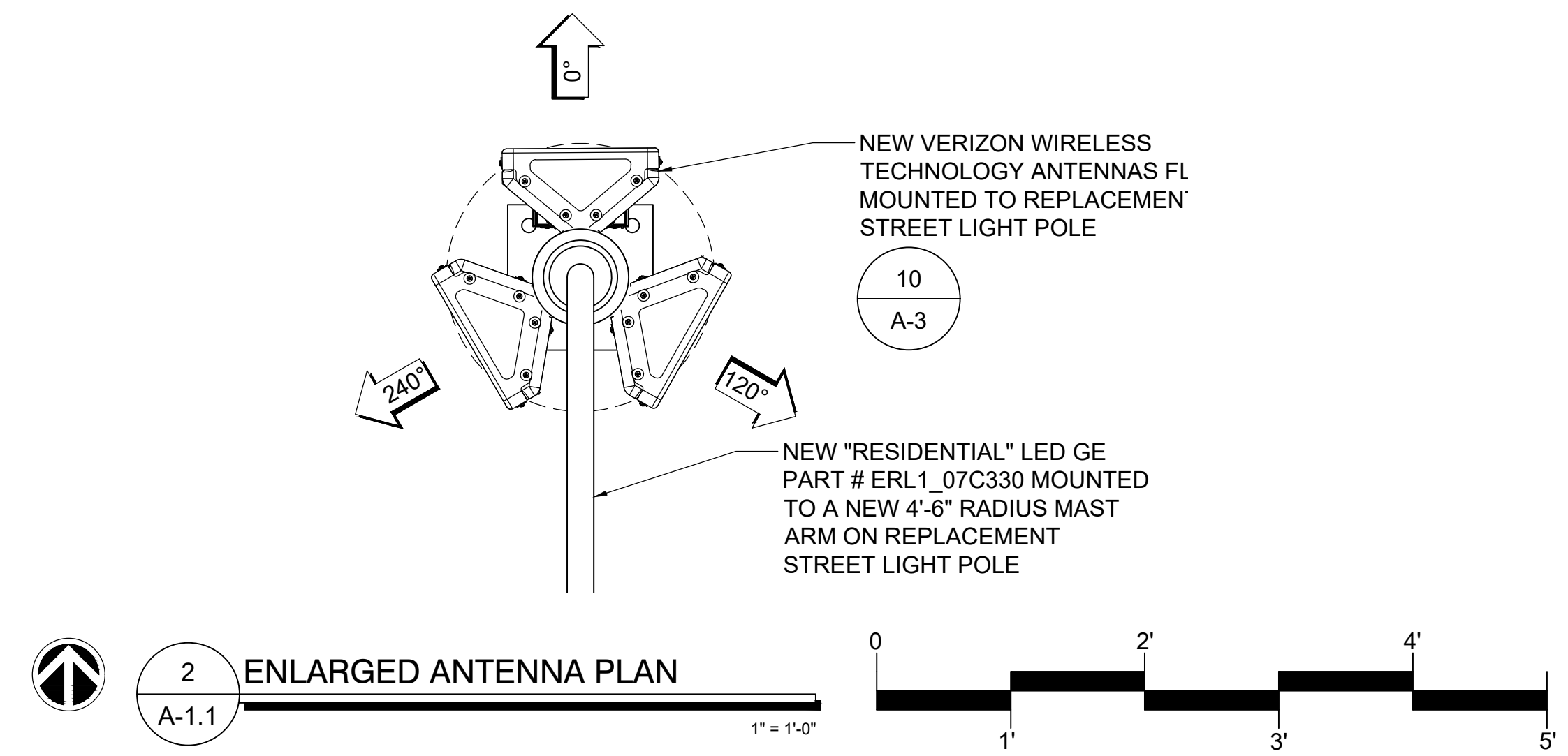
PROJECT INFORMATION
PHO_SHADOWS 08_SC
 5G SMALL CELL
 T.B.D.
 SCOTTSDALE, AZ 85257

SHEET TITLE
SITE PLAN

JURISDICTION APPROVAL

SHEET NUMBER
A-1





- NOTES:**
- NEW REPLACEMENT POLE TO BE UNPAINTED GALVANIZED PER CITY REQUIREMENTS.
 - WHERE EXISTING CONCRETE IS TO BE REMOVED: CONTRACTOR SHALL FOLLOW EXISTING CONTROL JOINTS AND REPLACE AND FINISH NEW CONCRETE WORK TO MATCH EXISTING SURROUNDING SIDEWALKS.

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19382
RONALD C. YOUNG
ENGINEER
STATE OF ARIZONA U.S.A.
EXP. 12/31/2022

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ARCHITECTS JOB NO.
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PROJECT INFORMATION

PHO_SHADOWS 08_SC

5G SMALL CELL

T.B.D.
SCOTTSDALE, AZ 85257

SHEET TITLE
ENLARGED EQUIPMENT PLAN AND DETAILS

JURISDICTION APPROVAL

SHEET NUMBER

A-1.1

NOTES:

- LUMINAIRE FIXTURES**
1. ALL REPLACEMENT POLES SHALL HAVE THE CITY STANDARD LIGHT-EMITTING DIODE (LED) LIGHT FIXTURE INSTALLED, UNLESS STAFF DIRECTS OTHERWISE THAT THE EXISTING LUMINAIRE CAN BE REUSED.
 2. ALL REPLACEMENT LIGHT FIXTURES SHALL HAVE A NEW CITY STANDARD PHOTO-CELL OR SENSOR PROVIDED BY THE WIRELESS PROVIDER.

PAINTING ANTENNAS AND MOUNTING EQUIPMENT

1. ALL ANTENNA MOUNTING BRACKETS AND HARDWARE, ANTENNA MOUNTING POSTS, CABLES, SHROUDS AND OTHER EQUIPMENT MOUNTED ON A NEW OR REPLACEMENT UNPAINTED GALVANIZED POLE SHALL BE PAINTED A 2X PRIMER SATIN GRANITE COLOR OR EQUIVALENT UNLESS SPECIFIED OTHERWISE BY THE CITY.
2. ALL ANTENNA MOUNTING BRACKETS AND HARDWARE, ANTENNA MOUNTING POSTS, CABLES, SHROUDS AND OTHER EQUIPMENT MOUNTED ON A PAINTED, NEW, OR REPLACEMENT POLE SHALL BE PAINTED A COLOR SPECIFIED BY THE CITY.
3. WIRELESS PROVIDER SHALL INSTALL POLE NUMBERS ON EACH REPLACEMENT POLE (TO MATCH THE NUMBER ON THE EXISTING STREETLIGHT POLE BEING REPLACED).

WIRELESS FACILITY IDENTIFICATION INFORMATION

1. A FOUR (4) INCH BY SIX (6) INCH RADIO FREQUENCY SAFETY NOTICE MAY BE MOUNTED NO LESS THAN TWENTY-FOUR (24) INCHES FROM THE BOTTOM OF THE ANTENNA, FACING AWAY FROM TRAFFIC.
2. NO WIRELESS PROVIDER SIGNS MAY BE PLACED ON A STREETLIGHT, TRAFFIC SIGNAL POLE, WIRELESS SUPPORT STRUCTURE, OR A NEW OR REPLACEMENT POLE EXCEPT TO THE EXTENT REQUIRED BY LOCAL, STATE OR FEDERAL LAW OR REGULATIONS.

REMOVAL OF ORIGINAL POLE, EQUIPMENT AND POLE FOUNDATION

1. REMOVAL OF ORIGINAL SIGNAL POLE, MAST ARM, SIGNAL HEADS, AND LUMINAIRE
 - a. THE CITY SHALL DETERMINE WHAT ORIGINAL COMPONENTS (E.G., ORIGINAL POLE, MAST ARM, SIGNAL HEADS AND LUMINAIRE, ETC.) SHALL BE DELIVERED AT NO COST TO THE CITY, TO THE CITY'S STREET TRANSPORTATION OPERATIONS YARD BY THE WIRELESS PROVIDER.
 - b. IF THE CITY ACCEPTS SOME OF THE ORIGINAL COMPONENTS, THEN ONLY THOSE COMPONENTS SHALL BE DELIVERED BY THE WIRELESS PROVIDER TO THE CITY' STREET TRANSPORTATION OPERATIONS YARD AND THE REMAINING COMPONENTS SHALL BE DISCARDED BY THE WIRELESS PROVIDER.
2. REMOVAL OF ORIGINAL STREETLIGHT OR TRAFFIC SIGNAL POLE FOUNDATION

THE CONCRETE POLE FOUNDATION FOR THE ORIGINAL STREETLIGHT OR TRAFFIC SIGNAL POLE SHALL BE REMOVED BY THE WIRELESS PROVIDER AS INSTRUCTED BY THE CITY:

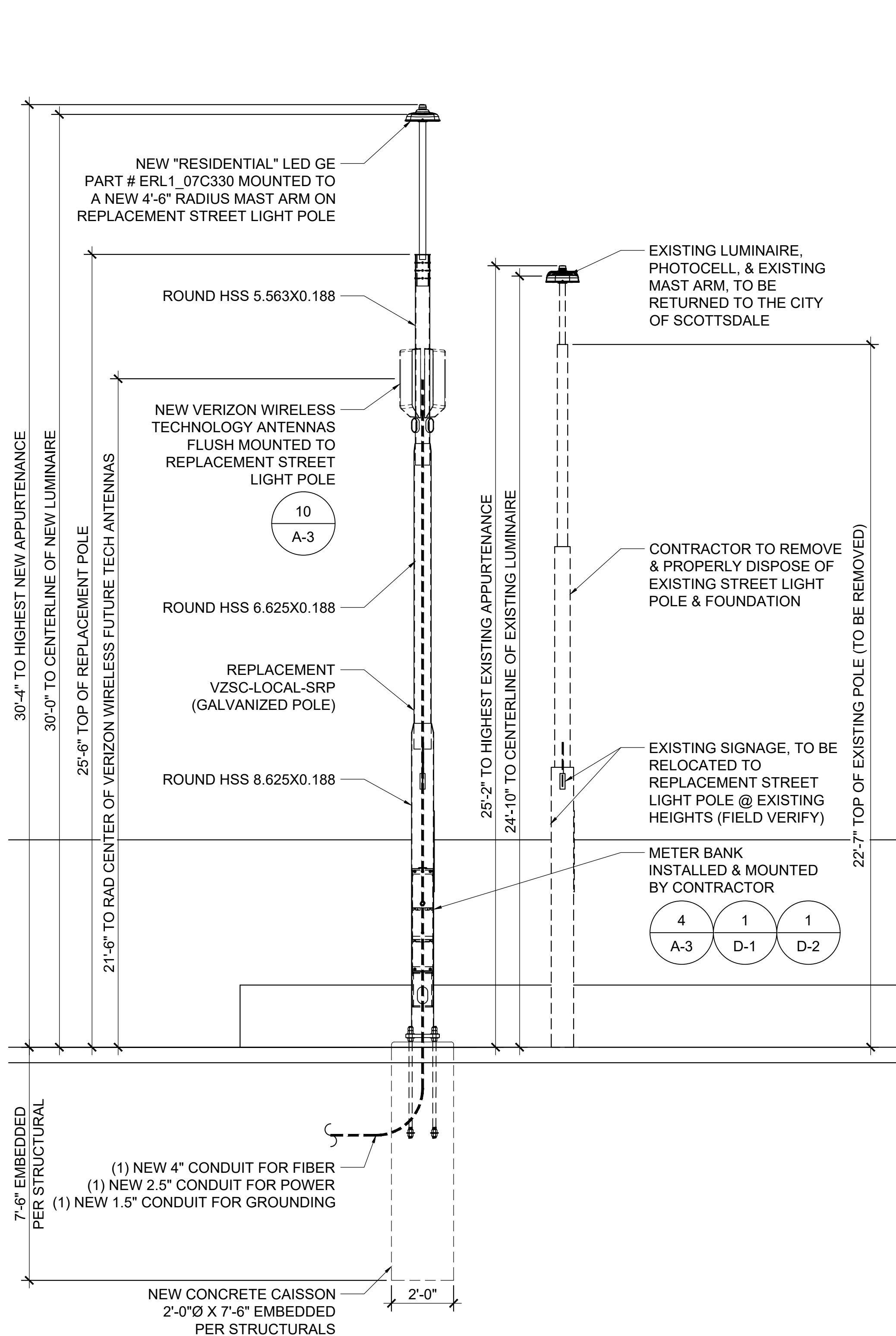
 - a. PARTIAL REMOVAL

THE ORIGINAL POLE FOUNDATION SHALL BE TAKEN BACK TO A LEVEL THAT IS TWELVE (12) INCHES BELOW EXISTING GRADE AND COVERED WITH FOUR (4) INCHES OF ONE-HALF (1/2") INCH TO THREE (3/4") QUARTER INCH ROCK MATERIALS. THE REMAINING EIGHT (8) INCHES SHALL BE NATIVE SOIL.

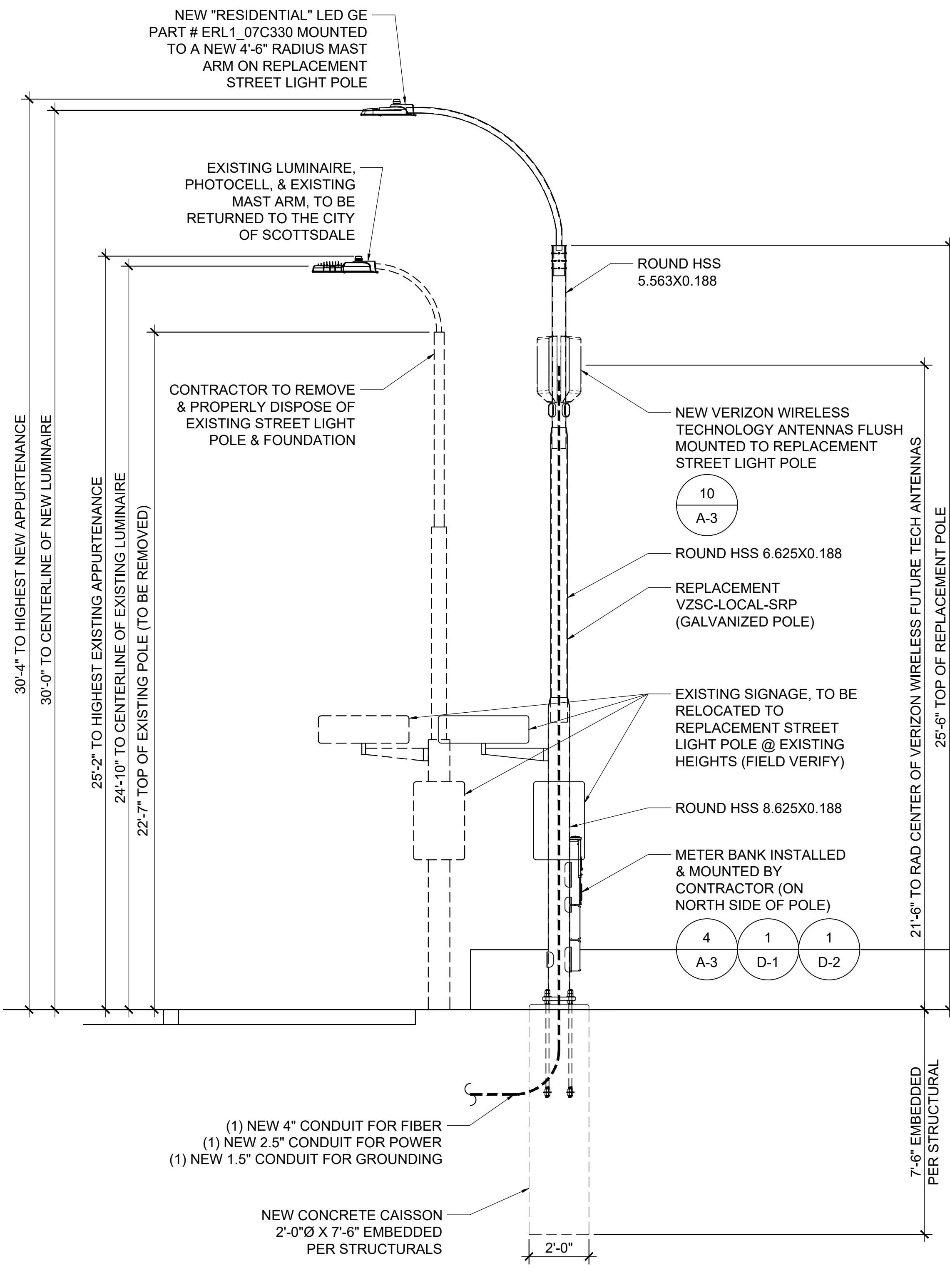
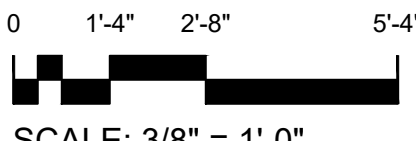
ANTENNA MOUNTING POSTS AND BRACKETS

1. ALL PANEL ANTENNAS SHALL BE SNUG MOUNTED DIRECTLY TO THE POLE OR ONTO A MOUNTING POLE SO THAT THE DISTANCE FROM THE "FACE" OF THE STREETLIGHT POLE TO THE BACK OF THE ANTENNA DOES NOT EXCEED EIGHT (8) INCHES.
2. ALL POLE ATTACHED WIRELESS EQUIPMENT MUST BE A MINIMUM OF TEN (10) FEET ABOVE THE SIDEWALK ELEVATION TO THE BOTTOM OF THE EQUIPMENT.

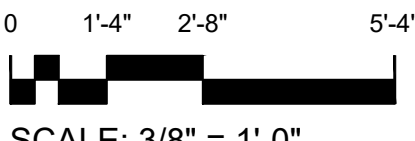
- NOTES:**
- NEW REPLACEMENT POLE TO BE UNPAINTED GALVANIZED PER CITY REQUIREMENTS.
 - WHERE EXISTING CONCRETE IS TO BE REMOVED: CONTRACTOR SHALL FOLLOW EXISTING CONTROL JOINTS AND REPLACE AND FINISH NEW CONCRETE WORK TO MATCH EXISTING SURROUNDING SIDEWALKS.



2 SOUTH ELEVATION
A-2 SCALE: 3/8" = 1'-0"



1 EAST ELEVATION
A-2 SCALE: 3/8" = 1'-0"



CLIENT

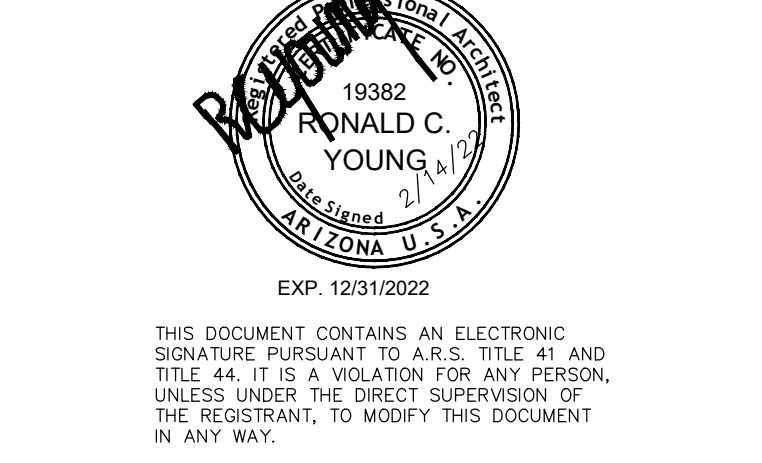


INTERNAL REVIEW	DATE
CONSTRUCTION SIGNATURE	
RF SIGNATURE	
FACILITIES SIGNATURE	
REAL ESTATE SIGNATURE	

PLANS PREPARED BY

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NO.	DATE	DESCRIPTION
1	10/5/2021	LEASE EXHIBIT
2	2/14/2022	FINAL CD'S

ARCHITECTS JOB NO.
YDC-9258

PROJECT INFORMATION

PHO_SHADOWS 08_SC

5G SMALL CELL

T.B.D.
SCOTTSDALE, AZ 85257

SHEET TITLE
ELEVATIONS

JURISDICTION APPROVAL

SHEET NUMBER
A-2

GENERAL STRUCTURAL NOTES

BUILDING CODE

2015 EDITION OF THE INTERNATIONAL BUILDING CODE
TIA-222-H STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES

LOADS

WIND
WIND SPEED (ULTIMATE 3-SEC GUST), $V_{ult} = 115$ MPH
WIND EXPOSURE CATEGORY = C
RISK CATEGORY = II

SEISMIC
 $S_{ps} = 0.225g$ (MAX)
 $S_{D1} = 0.125g$ (MAX)
SITE SOIL CLASS = D
SEISMIC DESIGN CATEGORY = B
SEISMIC FORCE RESISTING SYSTEM = STEEL TELECOMMUNICATIONS POLE (R = 1.5)

THESE DRAWINGS ARE ISSUED FOR MULTI-USE WITHIN SCOTTSDALE, ARIZONA. THE LOAD CRITERIA LISTED ABOVE IS EXPECTED TO BE SUFFICIENT FOR TYPICAL CONDITIONS ON FLAT OPEN TERRAIN BUT DOES NOT TAKE INTO ACCOUNT LOCATIONS ON HILLS, CLIFFS, SUDDEN CHANGES IN TOPOGRAPHY AND/OR OTHER SPECIAL CONDITIONS. CONTACT EOR WITH QUESTIONS OR SPECIAL CONDITIONS.

FOUNDATIONS

DRILLED PIER FOUNDATIONS ARE BASED ON THE PRESUMPTIVE SOIL BEARING VALUES PROVIDED IN TABLE 1806.2, SOIL CLASS 5 AND HAVE BEEN INCREASED BY A FACTOR OF TWO PER 1806.3.4.
ALLOWABLE LATERAL BEARING PRESSURE = 100 PSF/FT x 2 = 200 PSF/FT.

CONCRETE

ALL CONCRETE WORK SHALL COMPLY WITH THE LATEST EDITION OF THE ACI. ALL CONCRETE SHALL BE MECHANICALLY VIBRATED. PLACEMENT OF PLUMBING, CONDUITS, OR OTHER MATERIALS WITHIN CONCRETE FOUNDATIONS OR STRUCTURAL ELEMENTS IS PROHIBITED EXCEPT WHERE SHOWN.

SPECIFIED MINIMUM 28 DAY STRENGTH AS FOLLOWS:

DRILLED PIER CONCRETE: $f'_c = 3,000$ PSI MIN (CLASS "A" MAG 725)

REINFORCING STEEL (REBAR)

ALL REINFORCING SHALL COMPLY WITH ACI AND CRSI SPECIFICATIONS. FOR #5 BARS AND LARGER USE ASTM A615 GRADE 60 DEFORMED BARS ($F_y = 60$ KSI). FOR #4 BARS AND SMALLER USE ASTM A615 GRADE 40 DEFORMED BARS ($F_y = 40$ KSI). ASTM A615 BARS ARE NOT TO BE WELDED. NO WELDING OF REINFORCING BARS IS PERMITTED FOR THIS PROJECT.

CLEAR DISTANCE FROM THE EDGE OF REINFORCING BAR TO THE EDGE OF CONCRETE SHALL BE PER ACI 318 AND IS AS FOLLOWS:

CONCRETE AGAINST EARTH = 3" CLR
CONCRETE AGAINST AIR = 2" CLR (FOR NO. 6 & LARGER)
CONCRETE AGAINST AIR = 1-1/2" CLR (FOR NO. 5 & SMALLER)

REINFORCING STEEL SHALL BE PLACED AS SHOWN IN THE PLANS AND MUST NOT BE MORE OR LESS THAN 3/8" OF THE DIMENSIONS SPECIFIED. THIS INCLUDES MINIMUMS AND CLEAR DISTANCES. ENSURE REINFORCING IS KEPT DRY AND IS PROPERLY SUPPORTED WITH CLEAR DISTANCES FROM SOILS.

ANCHOR RODS (ANCHOR BOLTS)

ANCHORAGE TO THE CONCRETE FOUNDATION IS ACHIEVED VIA A DOUBLE-NUT MOMENT JOINT. ANCHOR RODS SHALL BE TENSIONED TO THE SPECIFICATIONS BELOW. ANCHOR RODS SHALL BE THREADED AND NUTTED. CONTRACTOR SHALL ENSURE NUTS DO NOT SPIN OFF DURING VIBRATION OF CONCRETE BY PROVIDING AN ACCEPTABLE LOCKING MECHANISM OR BY TACK WELDING THE NUT TO ANCHOR ROD. NUTS AND ANCHOR RODS ARE TO BE GALVANIZED IN SAME PROCESS TO ENSURE WORKABLE THREADS.

ANCHOR BOLT GRADE: F1554 Gr 55

TIGHTENING

ANCHOR RODS SHALL BE LUBRICATED BEFORE TIGHTENING. TIGHTENING SHALL BE PERFORMED IN A STAR PATTERN. TOP NUTS SHALL BE TIGHTENED TO A SNUG TIGHT CONDITION THEN LEVELING NUTS SHALL BE MADE SNUG TIGHT. CONFIRM TORQUE AT TOP NUT IS WITHIN THE INITIAL TORQUE SHOWN IN TABLE BELOW. MARK BOLTS AFTER INITIAL TORQUE IS ACHIEVED.

TOP NUTS SHALL THEN BE TENSIONED USING THE TURN OF THE NUT METHOD BY ROTATING THE NUT A TOTAL OF 1/3 TURN PAST INITIAL TORQUE. IT IS RECOMMENDED THAT THE TOTAL 1/3 TURN BE COMPLETED USING A MINIMUM OF (2) INCREMENTAL STEPS WITH STAR PATTERN TIGHTENING. USING A CALIBRATED TORQUE WRENCH, VERIFY THAT THE VERIFICATION TORQUE HAS BEEN REACHED.

AFTER AT LEAST 48 HOURS, THE CONTRACTOR SHALL RE-VISIT THE SITE AND CONFIRM THAT A TORQUE OF AT LEAST 110% OF THE VERIFICATION TORQUE CAN BE REACHED TO ENSURE BOLTS WILL REMAIN TENSIONED AND HAVE NOT RELAXED. INSTALL SECOND NUT OR JAMB NUT ON TOP OF ASSEMBLY AND TIGHTEN JAMB NUT TO BE SNUG TIGHT.

DO NOT OVER TIGHTEN. CONTACT EOR WITH ANY EXCESSIVE TIGHTENING, STRIPPED THREADS, OR OTHER CONCERNS.

TORQUE VALUES (FT-LBS)			
FOR: 1-1/4" DIA. F1554 Gr 55	INITIAL TORQUE	VERIFICATION TORQUE ($T_v = 0.12d_s T_m$)	110% x T_v (48 HOURS LATER)
	110 - 165	550	600

STRUCTURAL STEEL

ALL STRUCTURAL STEEL MATERIAL MUST COMPLY WITH ASTM & AISC SPECIFICATIONS AND BE MILL CERTIFIED. ALL STRUCTURAL MEMBERS ARE TO BE HOT DIPPED GALVANIZED ACCORDING TO THE APPROPRIATE ASTM STANDARD. THE FOLLOWING STEEL GRADES SHALL APPLY UNLESS NOTED OTHERWISE.

ROUND HSS (POLE STEEL): ASTM A500 ($F_y = 42$ KSI MIN)
LUMINAIRE: ASTM A500 ($F_y = 42$ KSI MIN)
PLATE STEEL: ASTM A36 ($F_y = 36$ KSI)
MISC STEEL: ASTM A36 ($F_y = 36$ KSI)

WELDING:
ALL WELDING SHALL COMPLY WITH THE LATEST EDITION OF THE AWS STANDARD. ALL WELDING SHALL UTILIZE TYPE E70 RODS. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. THESE PLANS DO NOT INDICATE WHETHER WELDING MUST BE DONE IN SHOP OR FIELD. CONTRACTOR CAN PROVIDE SHOP OR FIELD WELDING AT CONTRACTORS DISCRETION AS BEST SUITS THE PROJECT'S MEANS AND METHODS.

BOLTS:
ALL THRU-BOLT TYPE CONDITIONS SHALL UTILIZE A WASHER AT EACH SIDE OF THE CONNECTION AND TIGHTENED TO A SNUG TIGHT CONDITION. SEE DETAILS FOR BOLT SIZE AND GRADE.

GENERAL NOTES

ALL WORK PRESENTED WITHIN THESE DRAWINGS AND DETAILS SHALL ONLY BE PERFORMED BY A CONTRACTOR THAT IS EXPERIENCED AND KNOWLEDGEABLE IN THE TYPE OF WORK BEING PERFORMED AND HAS A HISTORY OF COMPLETING SIMILAR PROJECTS. ONLY A CONTRACTOR THAT IS LICENSED AND REGISTERED IN THE STATE WHERE THE WORK IS TO BE PERFORMED SHALL BE PERMITTED TO PERFORM THE WORK.

CONTRACTOR MUST CONFORM TO THE CITY STANDARDS, SPECIFICATIONS, & AMENDMENTS TO THE MAG/ADOT STANDARDS. SEE CITY SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION & NOTIFY THE BUILDING OFFICIAL AND EOR OF ANY DISCREPANCIES. ADDITIONALLY, CONTRACTOR MUST BE FAMILIAR WITH THE ADOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE STRUCTURAL PLANS AND DETAILS DEPICT THE REQUIREMENTS FOR THE FINISHED STRUCTURAL ELEMENTS. THESE PLANS DO NOT PROVIDE DIRECTION FOR ELECTRICAL, MECHANICAL, OR OTHER SCOPES. THE PLANS AND DETAILS DO NOT PROVIDE THE CONTRACTOR WITH "MEANS AND METHODS" OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL REQUIRED MEASUREMENTS AND INFORMATION IN ORDER TO MEET THE STRUCTURAL REQUIREMENTS OF THESE PLANS. ANY ADDITIONAL INFORMATION NEEDED FROM THE ENGINEER OF RECORD (EOR) CAN BE OBTAINED WITH A FORMAL REQUEST FOR INFORMATION (RFI).

THE PLANS AND DETAILS DO NOT PROVIDE ENGINEERING FOR ANY SHORING, TEMPORARY BRACING, SCAFFOLDING, OR OTHERWISE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SAFE WORK ENVIRONMENT AND TO OBTAIN ANY ADDITIONAL ENGINEERING SERVICES THAT ARE NEEDED IN ORDER TO SUPPORT TEMPORARY LOADS OR LOADS DUE TO CONSTRUCTION ACTIVITIES. THE ENGINEER OF RECORD SHALL NOT BE RESPONSIBLE FOR THE SEQUENCING, PROCEDURES, OR TECHNIQUES USED BY THE CONTRACTOR.

SPECIAL STRUCTURAL INSPECTIONS

THE SPECIAL INSPECTIONS LISTED BELOW ARE REQUIRED PER CH. 17 OF THE INTERNATIONAL BUILDING CODE.

DRILLED PIER CONSTRUCTION

1. CONTINUOUS INSPECTION OF DRILLING OPERATIONS.
2. VERIFICATION OF SOIL STRATA CONFORMANCE TO PRESUMPTIVE SOIL CLASS.
3. VERIFICATION OF DRILLED SHAFT SIZE AND CONFORMANCE TO FOUNDATION DETAIL.

CONCRETE CONSTRUCTION

1. NO CONCRETE INSPECTION & TESTING OF SPECIMENS IS REQUIRED FOR PLACEMENT OF PIER FOUNDATION CONCRETE. FOUNDATION DESIGN IS BASED ON $f'_c = 2,500$ PSI. ($f'_c = 3,000$ PSI CONCRETE TO BE PROVIDED PER CONCRETE SECTION OF GSN).

STEEL REINFORCING

1. IN-PLACE REINFORCING IN FOUNDATIONS PRIOR TO CONCRETE PLACEMENT.
2. VERIFICATION OF CONFORMANCE TO SPECIFICATIONS AND DETAILS.

ANCHOR BOLTS

1. VERIFICATION OF PROPER MATERIAL SPECIFICATIONS AND CONFORMANCE TO DETAILS.
2. VERIFICATION OF PROPER LUBRICATING AND TIGHTENING OF BOLTS.

WELDING

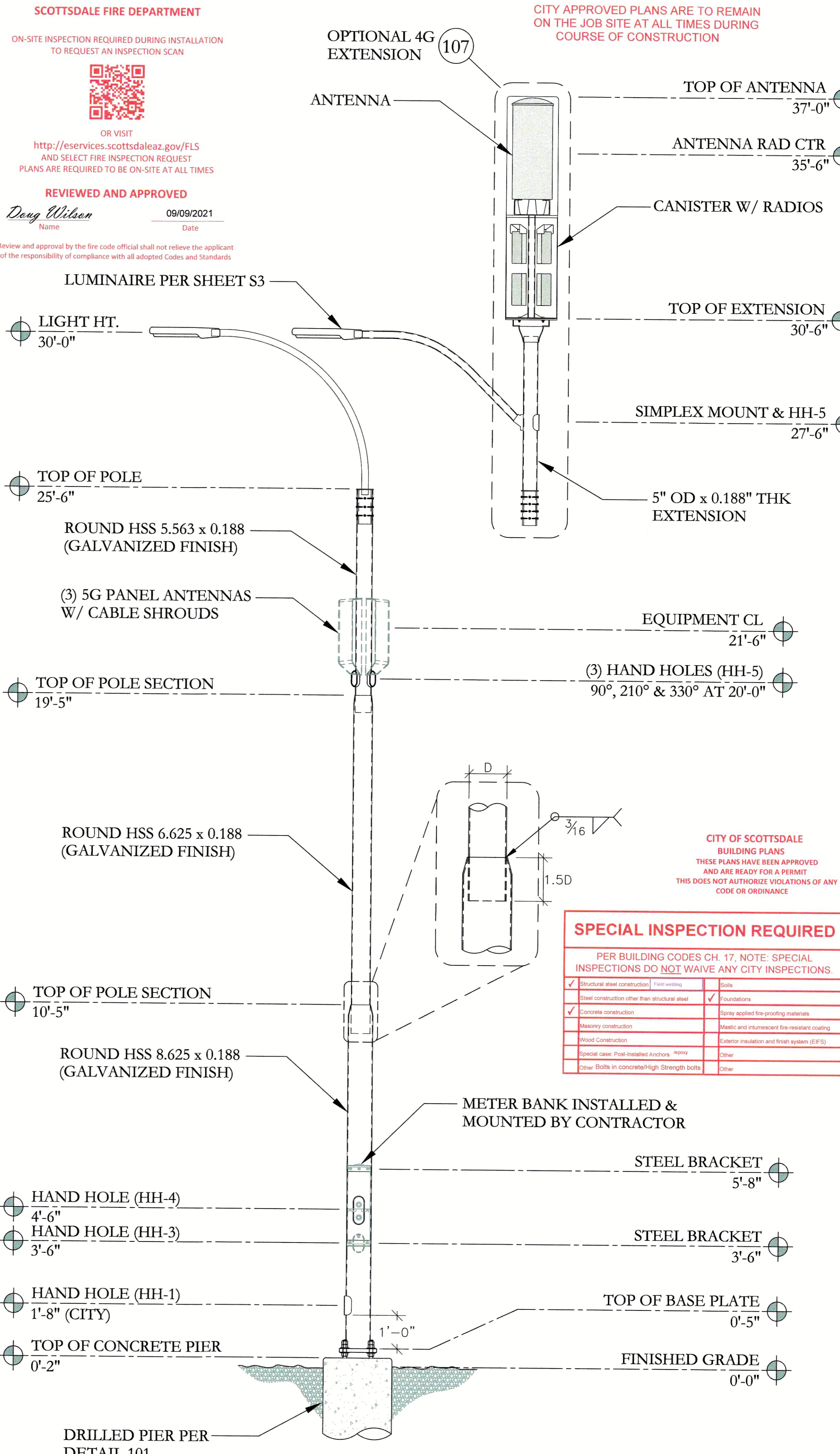
1. PERIODIC INSPECTION OF ALL FIELD WELDS.
2. CONTINUOUS INSPECTION AS REQUIRED BELOW:
- 2.a. NO PJP, CJP, OR MULTI-PASS FILLET WELDS ARE SPECIFIED FOR THIS PROJECT.

RESPONSIBILITIES OF THE CONTRACTOR

1. ANY DEVIATIONS MUST BE APPROVED IN WRITING FROM THE EOR AND MUST BE ORIGINATED IN WRITING BY THE CONTRACTOR WITH A REQUEST FOR INFORMATION.
2. WHERE THE WORK IS REQUIRED TO BE COMPLETED IN THE PRESENCE OF THE SPECIAL INSPECTOR, THE CONTRACTOR SHALL BE SURE TO PERFORM THE WORK UNDER THE OBSERVANCE OF THE SPECIAL INSPECTOR.
3. AREAS TO BE INSPECTED BY THE SPECIAL INSPECTOR ARE TO BE MADE SAFELY ACCESSIBLE FOR INSPECTION.
4. FOR ANY QUESTIONS REGARDING SPECIAL INSPECTIONS, CONTACT THE EOR.

RESPONSIBILITIES OF THE SPECIAL INSPECTOR

1. THE SPECIAL INSPECTOR SHALL VISIT THE SITE AND ENSURE THE WORK PERFORMED CONFORMS TO THE DETAILS AND SPECIFICATIONS SHOWN ON THE PLANS.
2. THE SPECIAL INSPECTOR IS NOT AUTHORIZED TO APPROVE OR SUGGEST ANY DEVIATIONS FROM WHAT IS SHOWN ON THE PLANS.
3. THE SPECIAL INSPECTOR MUST BE KNOWLEDGEABLE IN THE WORK BEING PERFORMED, KNOW THE MANUFACTURER REQUIREMENTS AND UNDERSTAND ITEMS REQUIRING INSPECTION AND OBSERVATION.
4. THE SPECIAL INSPECTOR MUST PROVIDE WRITTEN INSPECTION REPORTS TO BOTH THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL.
5. ANY DISCREPANCIES REQUIRING CORRECTION MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF LEFT UNCORRECTED, THE DISCREPANCIES MUST BE MADE KNOWN TO THE EOR AND BUILDING OFFICIAL.



POLE ELEVATION
ANTS

APPROVED
FINAL PLANS PLANNING
09/08/2021
DATE APPROVED BY



#7123-21: Standard Plan

**VZSC-MINOR COLLECTOR-SRP-MB
SMALL CELL LIGHT POLE W/ MB
MULTI-USE DESIGN
SCOTTSDALE, AZ**

REV	ISSUED	DATE
0	ISSUED FOR PERMIT	08.19.21

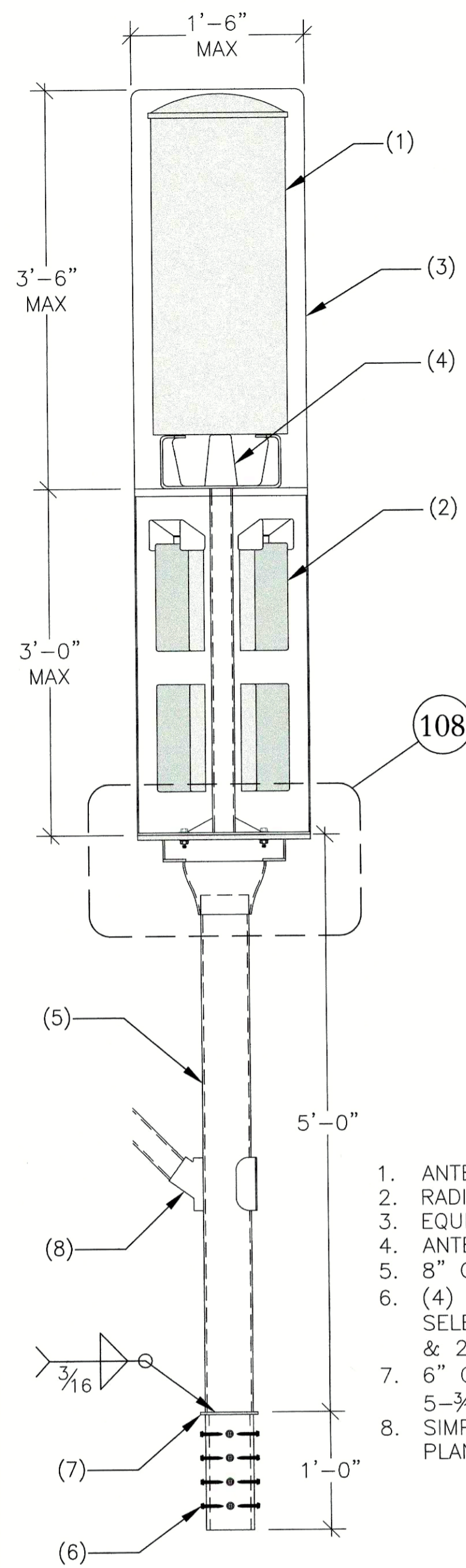


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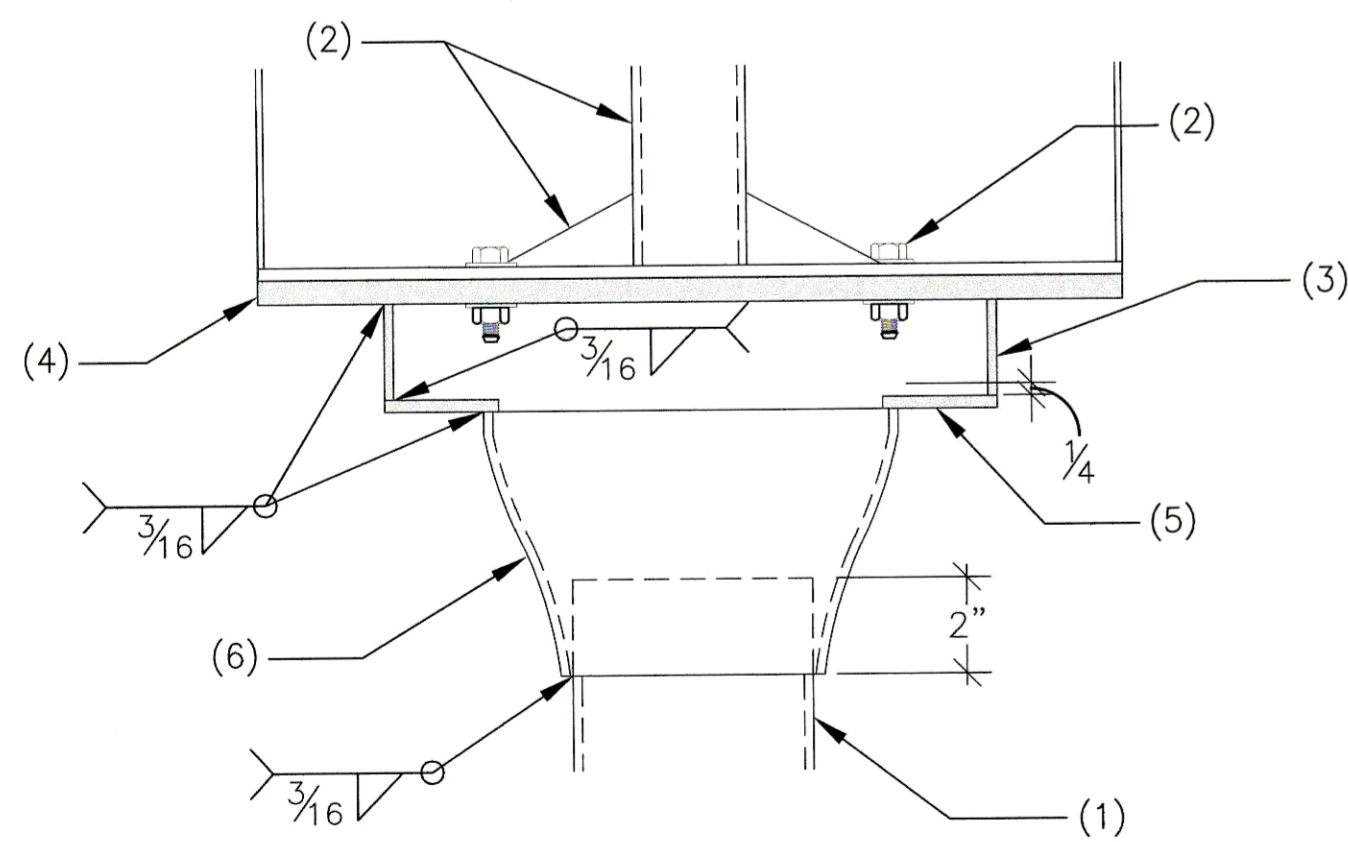
GSN & ELEVATION

S1 0



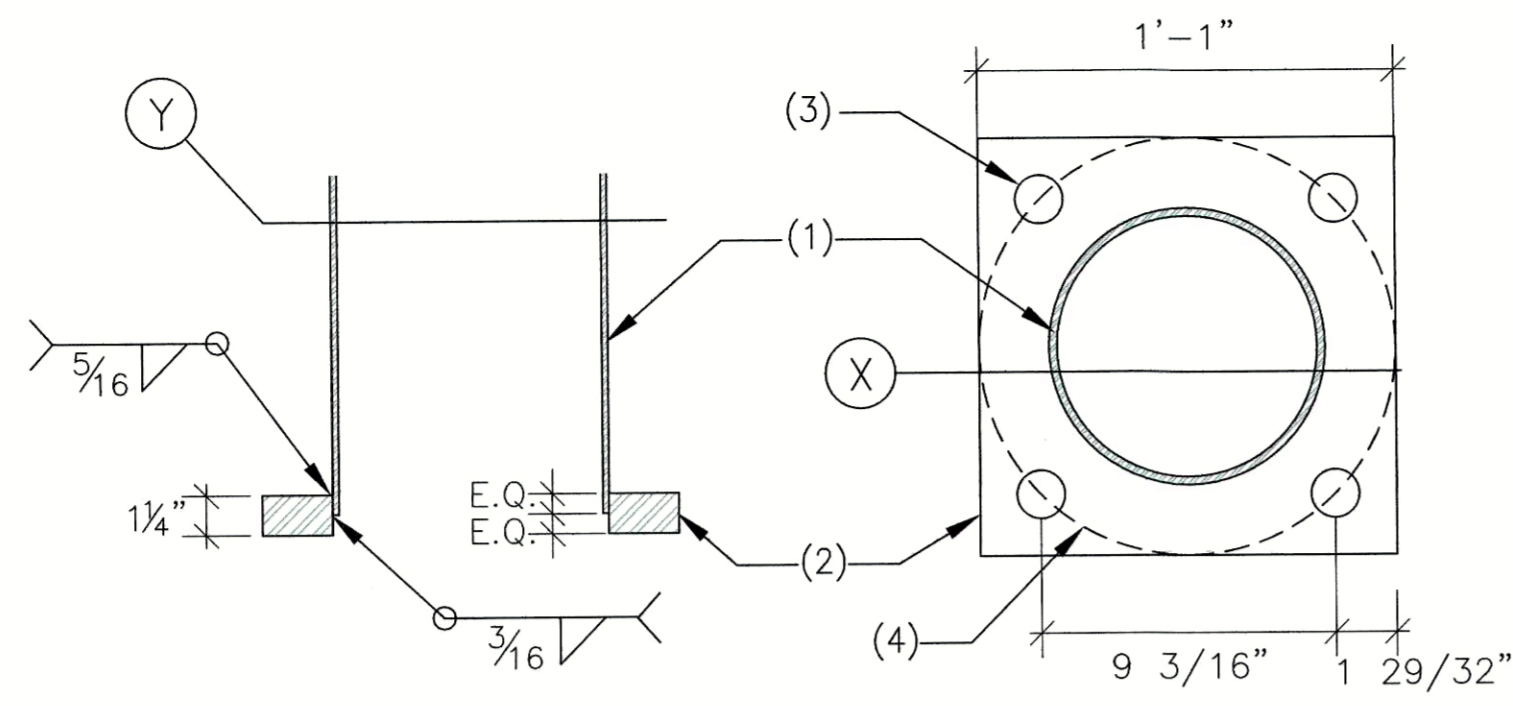
1. ANTENNA.
2. RADIO EQUIPMENT.
3. EQUIPMENT CANISTER BY COMMSCOPE.
4. ANTENNA BRACKET BY ANTENNA MFR.
5. 8" OD POLE EXTENSION.
6. (4) VERT. ROWS OF (4) 1/4" DIA. TEKS SELECT SCREWS, EQUALLY SPACED HORIZ. & 2.5" O.C. VERTICALLY (16 TOTAL).
7. 6" OD x 1/4" THK STOPPER RING WITH 5-3/16" DIA. HOLE, WELDED TO EXTENSION.
8. SIMPLEX LUMINAIRE MOUNT. SEE SITE PLANS FOR LOCATION.

107 OPTIONAL 4G EXTENSION
NTS



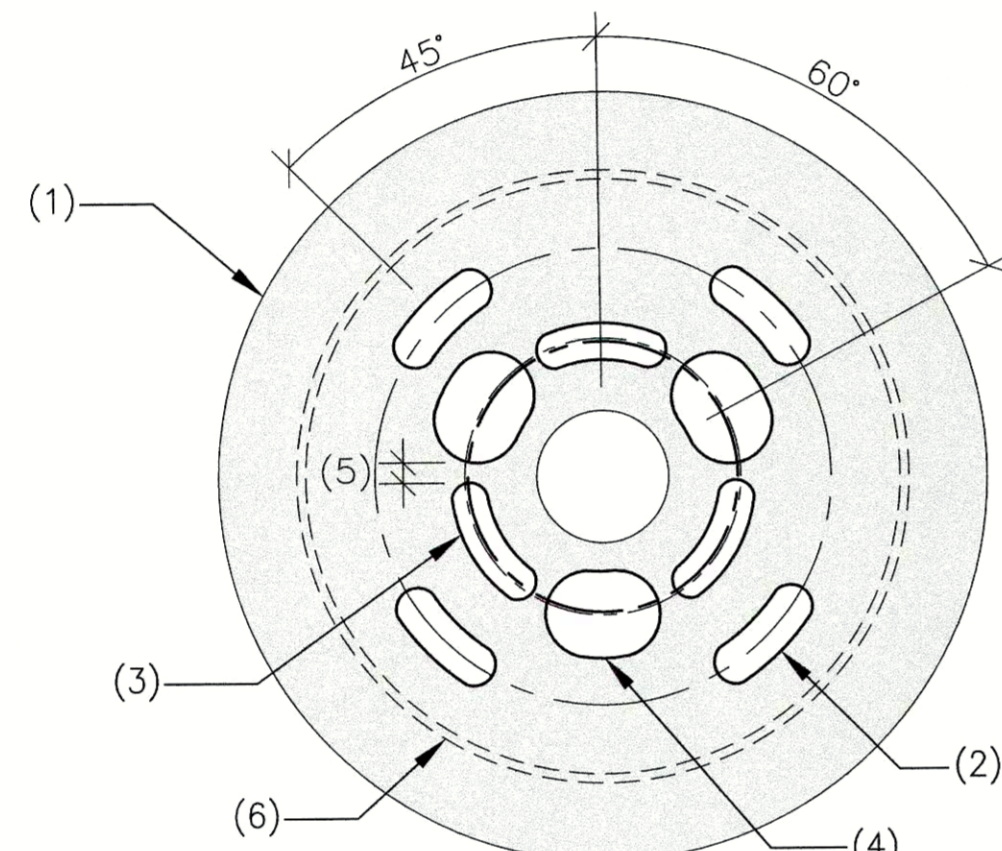
1. 5" OD POLE EXTENSION PER ELEVATION.
2. EQUIPMENT CANISTER FRAME & ATTACHMENT TO MATE PLATE PROVIDED BY COMMSCOPE.
3. 12-3/4" OD x 3/16" THICK x 2" TALL ROUND TUBE / RING.
4. MATE PLATE PER DETAIL 105.
5. POLE TOP PLATE PER DETAIL 106.
6. 3/16" THK CRIMPED REDUCER. 8-5/8" OD TOP x 5-9/16" OD BOTT.

108 TOP ASSEMBLY ATTACHMENT TO EXTENSION
NTS



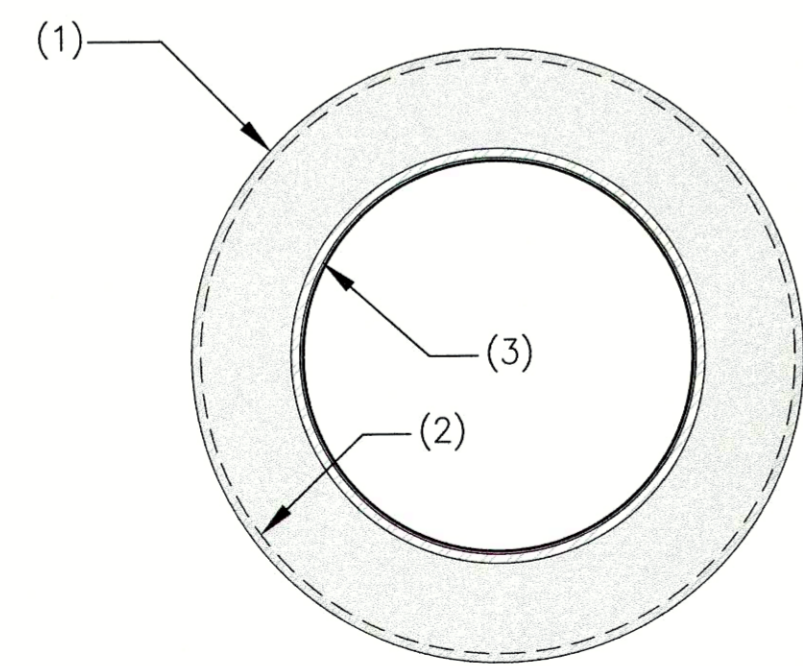
1. STEEL POLE BASE.
2. 13x13x1-1/4 STEEL BASE PLATE.
3. 1-1/2" DIA. HOLES FOR ANCHOR BOLTS.
4. 13" DIA. BOLT CIRCLE.

104 BASE PLATE & BASE PLATE CONNECTION
NTS



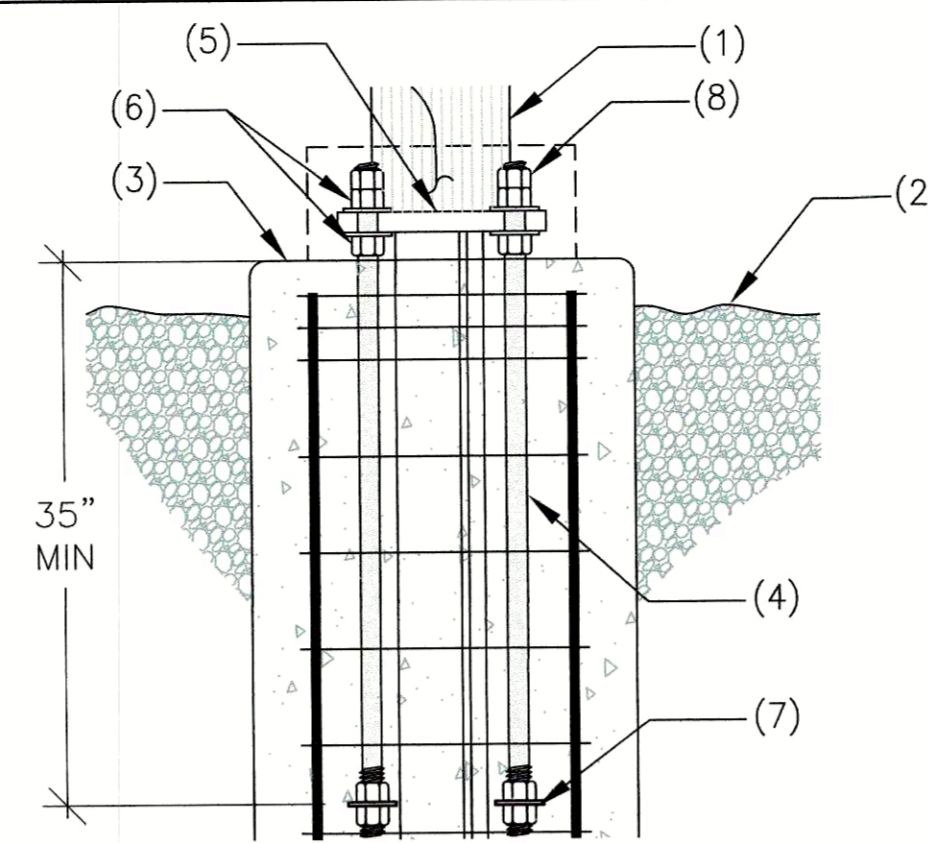
1. 18" DIA. x 1/2" THICK STEEL PLATE W/ 2-3/4" DIA. HOLE AT CENTER.
2. (4) 13/16" WIDE x 2-1/2" LONG SLOTTED HOLES ON A 9-1/2" DIA. BOLT CIRCLE - EQUALLY SPACED.
3. (3) 11/16" WIDE x 2-5/8" LONG SLOTTED HOLES ON A 5-5/8" DIA. BOLT CIRCLE - EQUALLY SPACED.
4. (3) 1-13/16" WIDE x 2-1/2" LONG SLOTTED HOLES ON A 5-3/4" DIA. BOLT CIRCLE - EQUALLY SPACED.
5. 3/8" MIN CLEAR BETWEEN HOLES.
6. 2" TALL RING BELOW PER DETAIL 108.

105 MATE PLATE
NTS



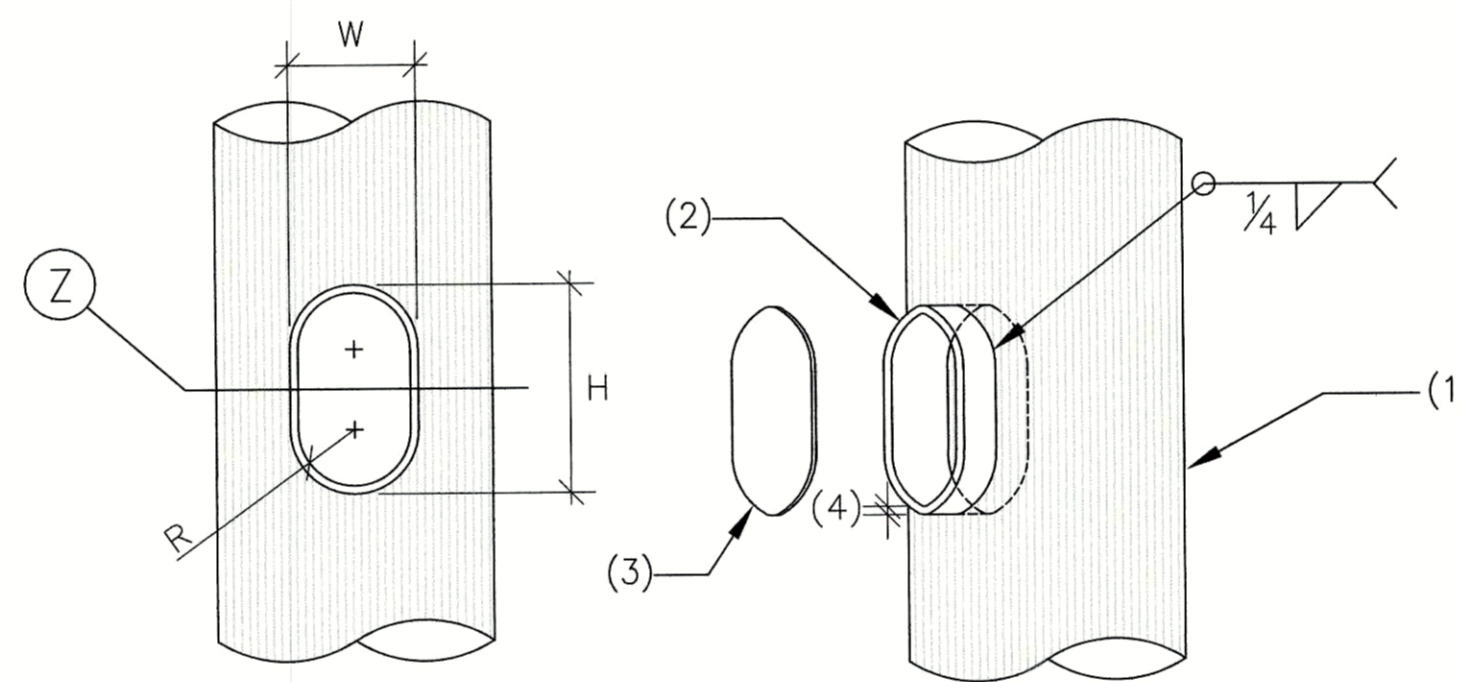
1. 12-3/4" DIA. x 1/4" THICK STEEL PLATE W/ 8-1/8" DIA. HOLE AT CENTER.
2. 2" TALL RING ABOVE PER DETAIL 108.
3. TOP OF CRIMPED SECTION (8.625" OD).

106 EXTENSION TOP PLATE
NTS

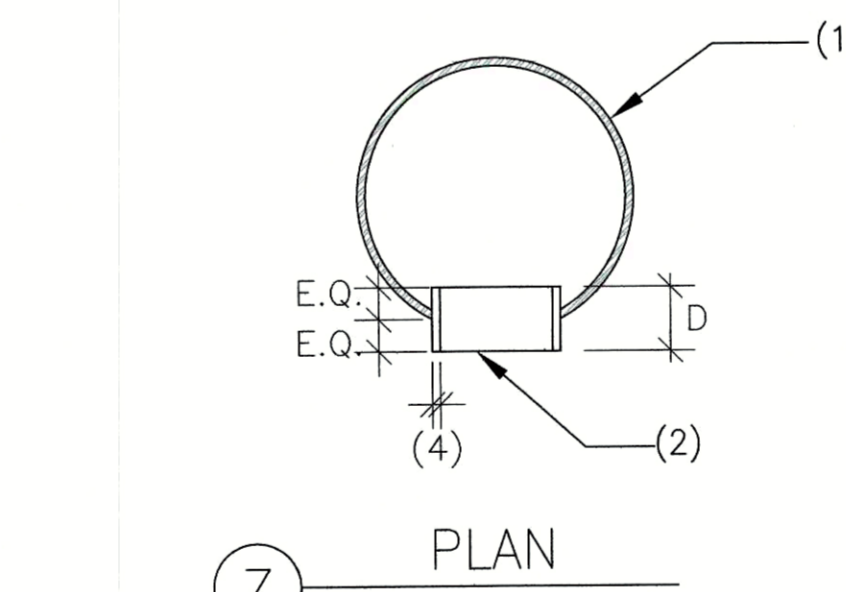


1. STEEL POLE PER ELEVATION.
2. FINISHED GRADE.
3. DRILLED PIER PER DETAIL 101.
4. (4) 1-1/4" DIA. x 44" LONG ANCHOR RODS. LEAVE 6" PROJECTION ABOVE PIER.
5. BASE PLATE AND CONNECTION TO POLE PER DETAIL 104.
6. HEAVY HEX NUT W/ STRUCTURAL WASHER AT EACH SIDE OF PLATE - PRETENSIONED - TIGHTEN PER GSN.
7. MIN 3x3x1/4 PLATE WASHER W/ HEAVY HEX NUT EACH SIDE. ENSURE NO SPIN OFF PER GSN.
8. AFTER TENSIONING ROD - INSTALL SECOND NUTS SNUG TIGHT.

102 BASE ANCHORAGE TO DRILLED PIER
NTS



X ELEVATION Y ISOMETRIC

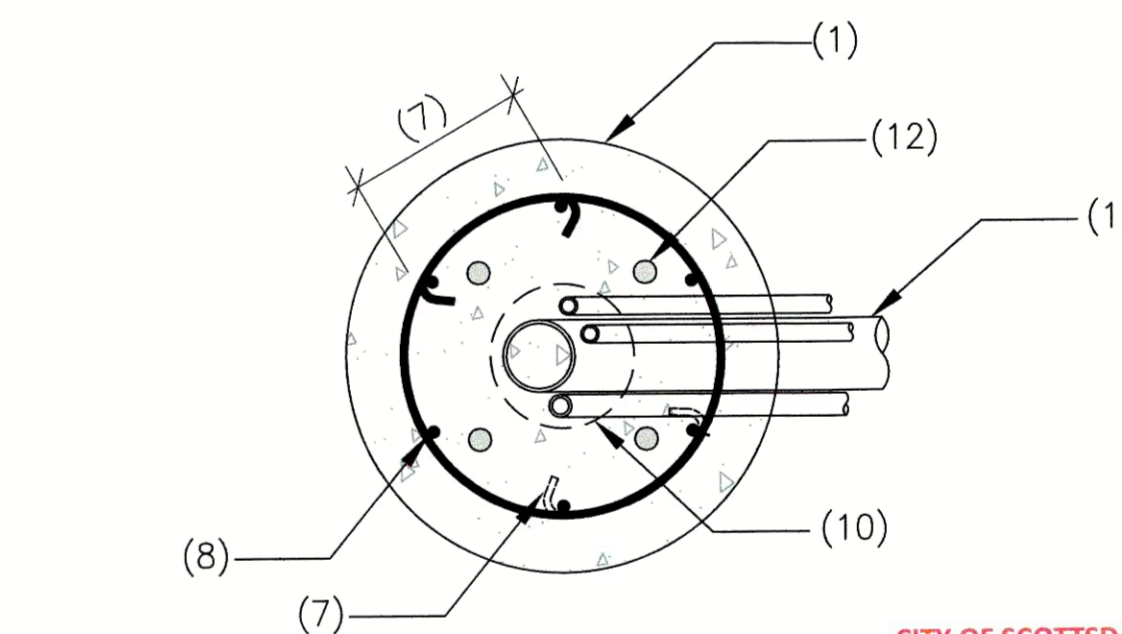
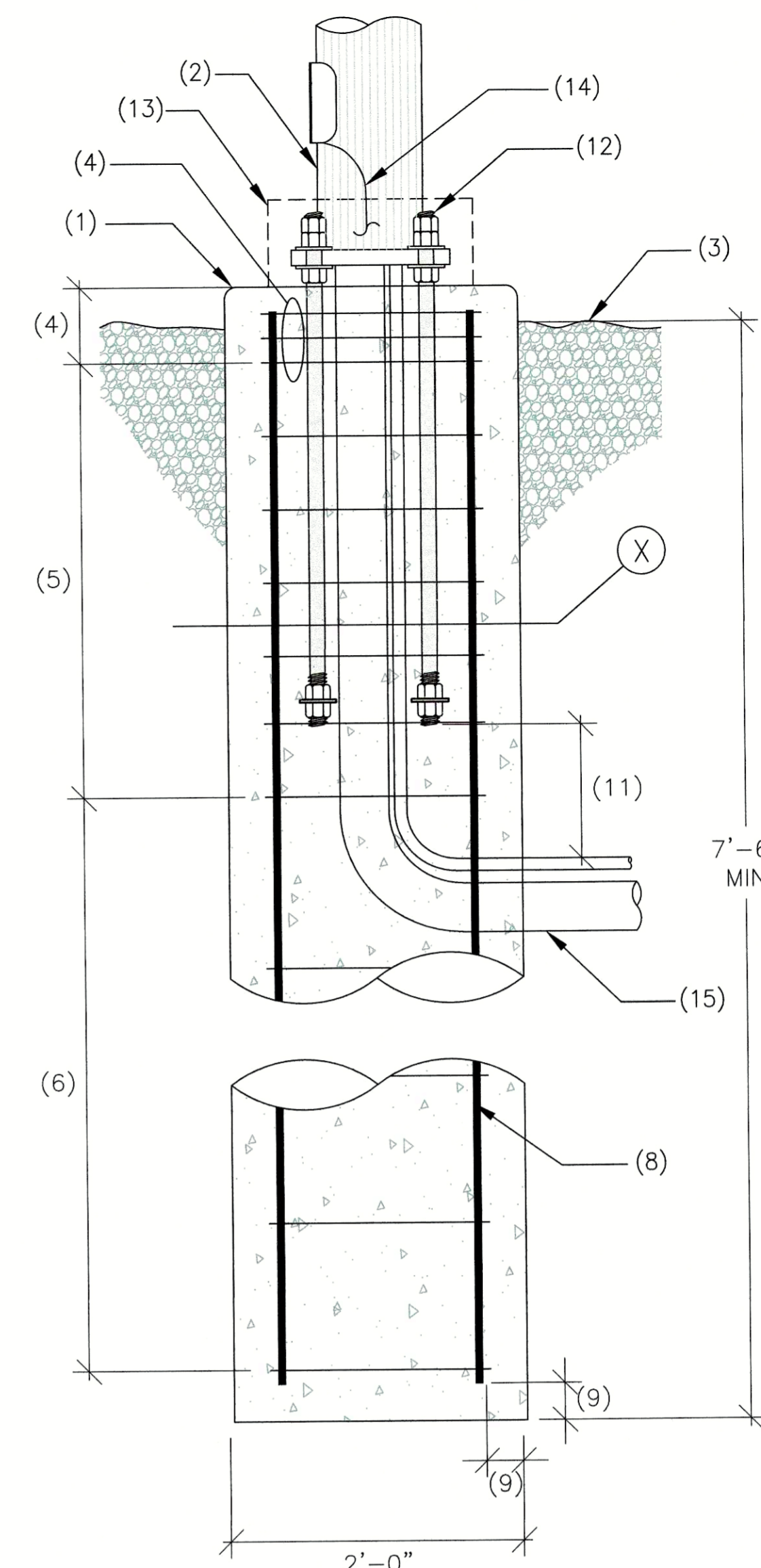


Z PLAN

1. STEEL POLE PER ELEVATION.
2. HAND HOLE - SEE POLE ELEVATION FOR LOCATION AND MARK. SEE SCHEDULE BELOW FOR CORRESPONDING SIZE.
3. PROVIDE COVER PLATE ASSEMBLY AT HAND HOLES.
4. THICKNESS PER 't' IN THE TABLE BELOW.

HAND HOLE SIZE SCHEDULE					
MARK	HEIGHT (H)	WIDTH (W)	DEPTH (D)	RADIUS (R)	THICK (t)
HH-1	6 1/2 IN	4 IN	2 IN	2 IN	1/4 IN
HH-2	10 IN	4 IN	2 IN	2 IN	1/4 IN
HH-3	6 1/2 IN	4 IN	2 IN	2 IN	1/4 IN
HH-4	10 IN	4 IN	2 IN	2 IN	1/4 IN
HH-5	5 IN	3 IN	2 IN	1 1/2 IN	1/4 IN

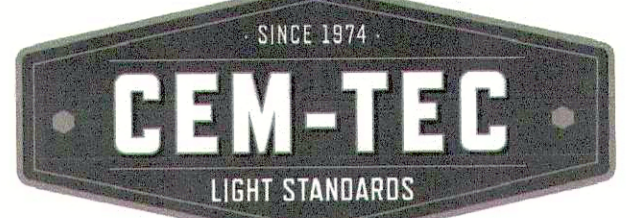
103 HAND HOLE SCHEDULE
NTS



X SECTION

1. CONCRETE DRILLED PIER.
2. STEEL POLE PER ELEVATION.
3. FINISHED GRADE.
4. (3) #3 TIES IN TOP 5" OF CONCRETE PIER.
5. #3 TIES AT 6" O.C. - CONTINUED PAST ANCHOR BOLT EMBEDMENT.
6. #3 TIES AT 12" O.C MAX FOR REMAINDER OF PIER DEPTH.
7. LAP TIES 12" MIN. STAGGER LAPS 180°.
8. (6) #6 LONGITUDINAL BARS EQUALLY SPACED.
9. MIN 3" CLR PER GSN.
10. CONTRACTOR TO BIND VERTICAL RUN OF CONDUIT TOGETHER SUCH THAT BOUND CONDUIT RUN DOES NOT EXCEED 7" DIA CICLE. PLACE VERTICAL RUN IN CENTER OF DRILLED PIER.
11. 12" MIN.
12. ANCHOR RODS AND ANCHORAGE PER DETAIL 102.
13. SQUARE BASE COVER W/ HOLE FOR POLE.
14. GROUND PER CITY STANDARDS.
15. CONDUIT SIZE AND QUANTITY PER BELOW. INSTALL PER WIRELESS CARRIER & CITY STANDARDS.

101 DRILLED PIER FOUNDATION
NTS



VZSC-MINOR COLLETOR-SRP-MB
SMALL CELL LIGHT POLE W/ MB
MULTI-USE DESIGN
SCOTTSDALE, AZ

REV	ISSUED	DATE
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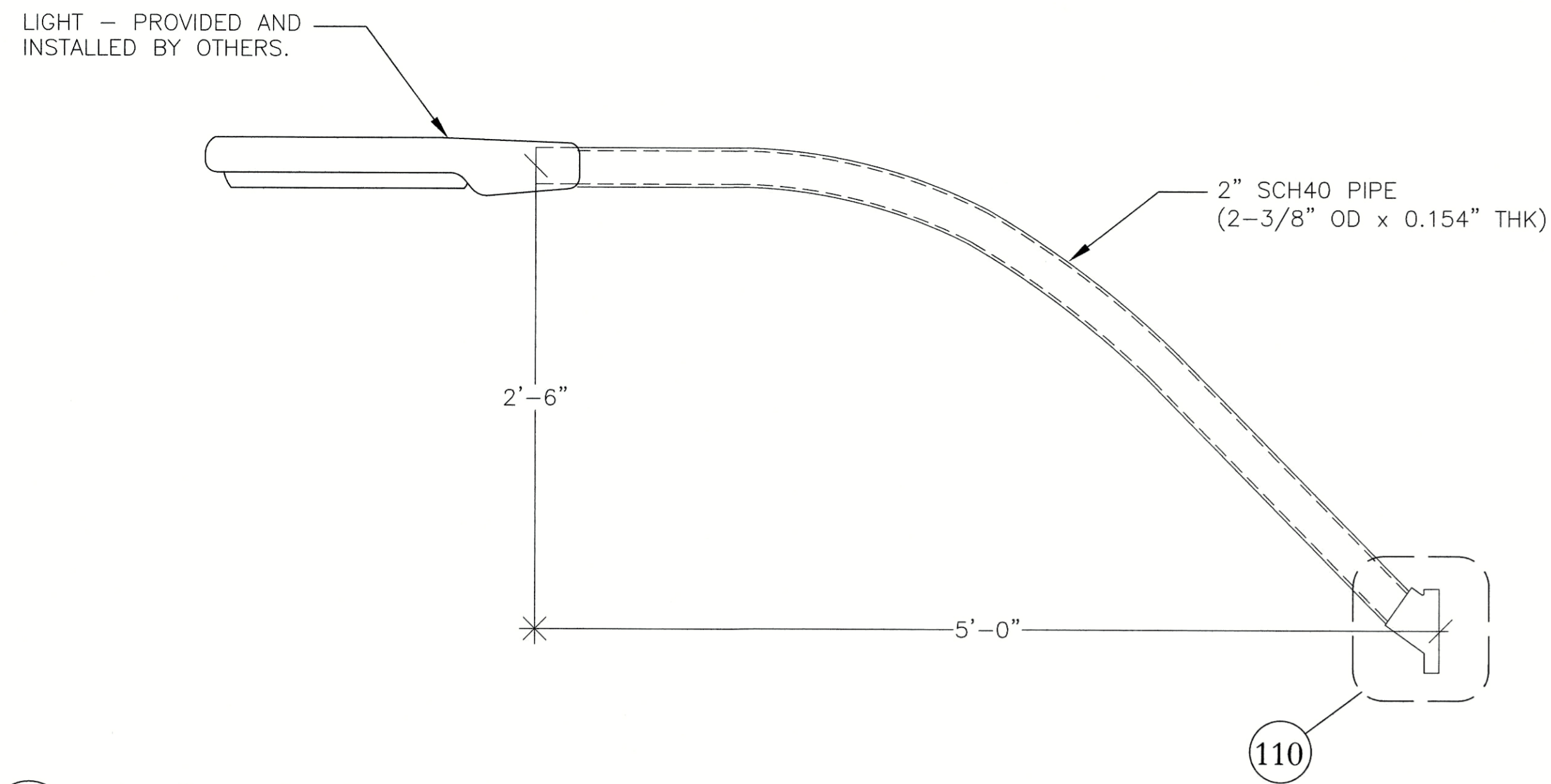


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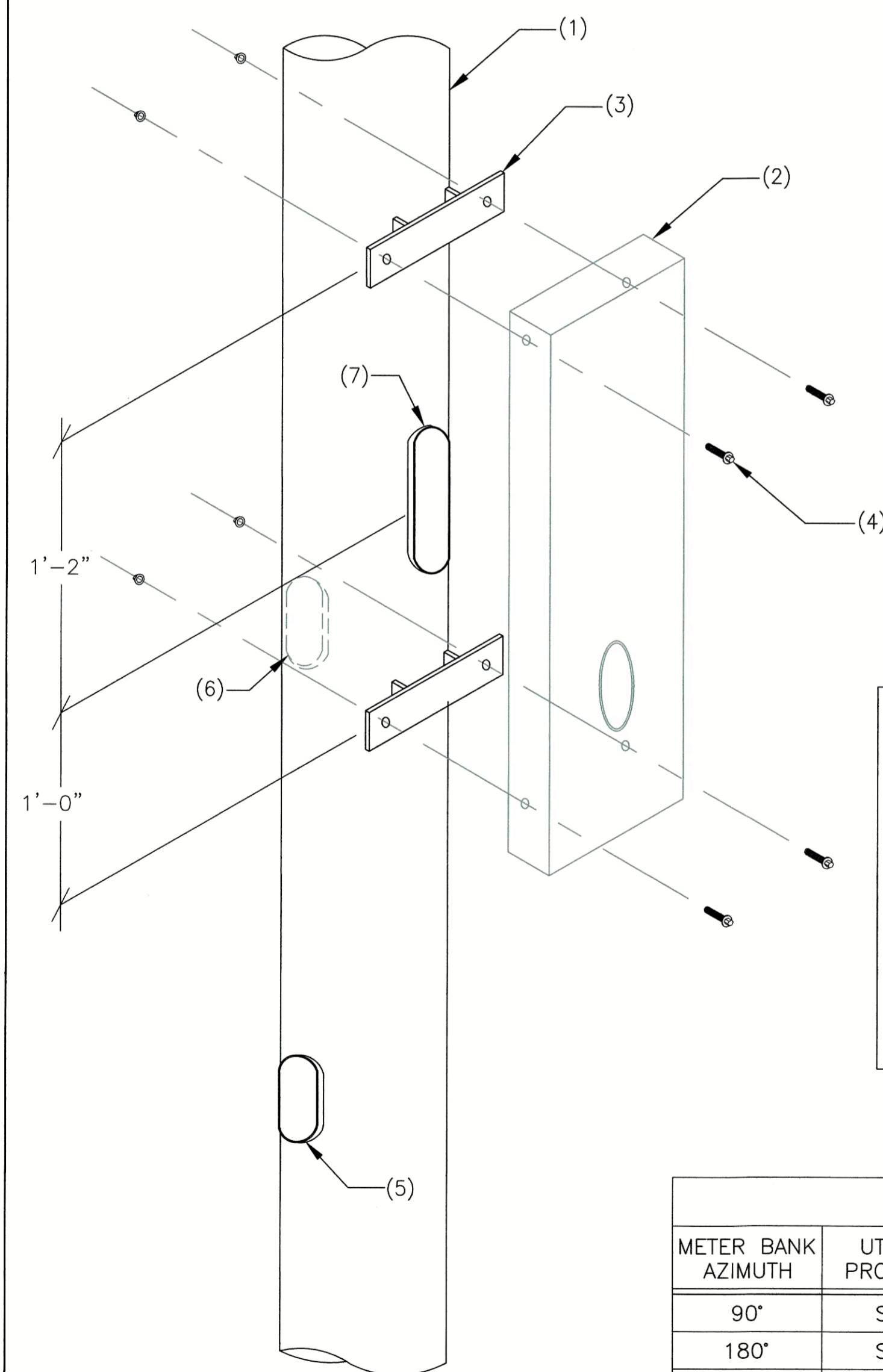
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POLE DETAILS

S2 0



110 5'-0" x 2'-6" LUMINAIRE MAST OPTION (OPTION 2)
NTS

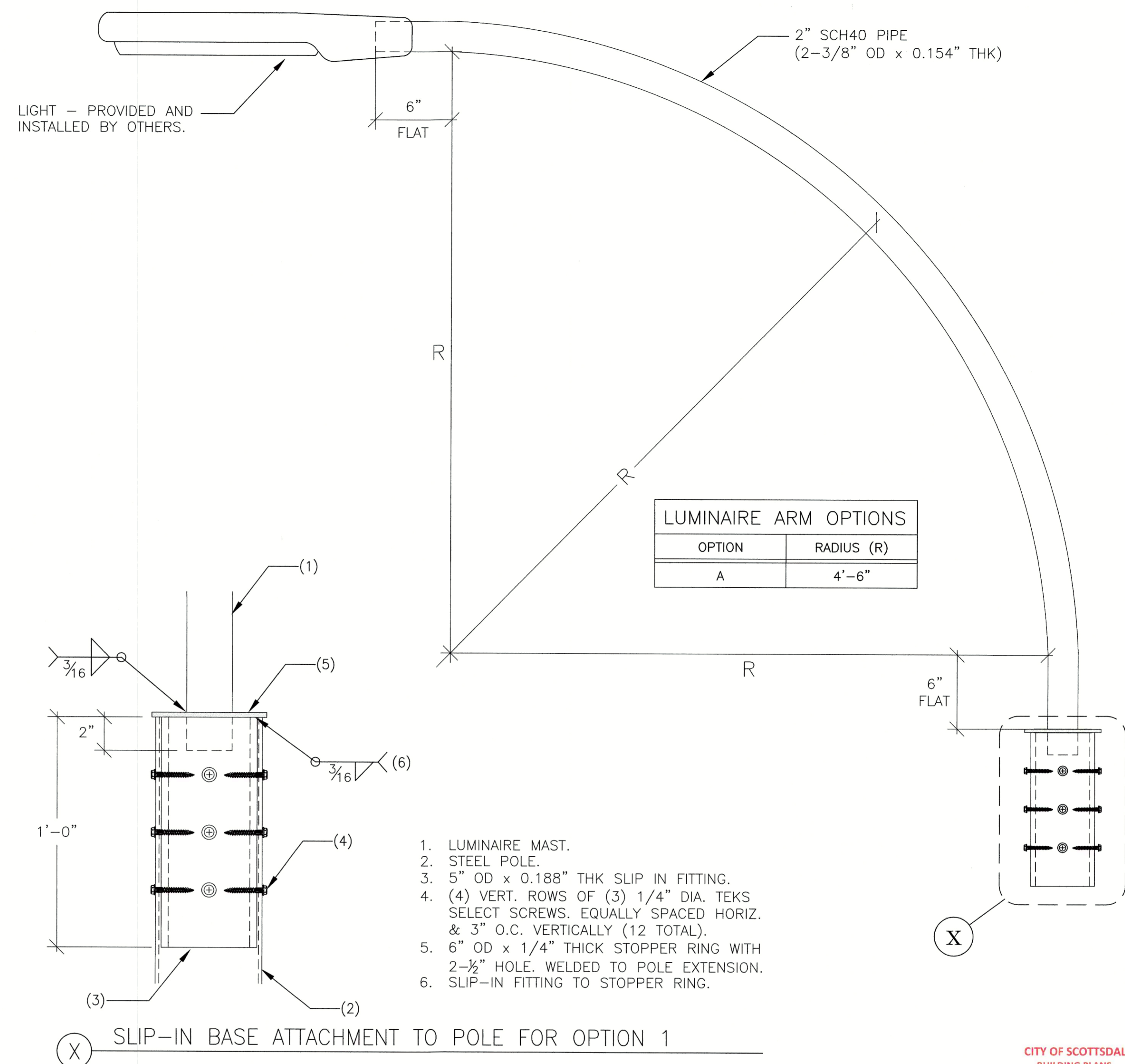


1. STEEL POLE PER ELEVATION.
2. METERED ELECTRICAL BOX PER MANUFACTURER - 'SHORT' ASSEMBLY AT SRP SITES.
3. STEEL PLATE BRACKET - MINIMUM 8" WIDE x 2" TALL x 3/16" THICK PLATE FOR MOUNTING SURFACE WITH TWO 2" TALL x 3/16" THICK MIN STEEL TABS WELDED TO PLATE & POLE.
4. HARDWARE PROVIDED BY METER BANK MANUFACTURER. FIELD DRILL AND FASTEN BOLTS AT MOUNT HOLE LOCATIONS PROVIDED BY ELECTRICAL BOX MANUFACTURER.
5. BASE HH (HH-1) PER ELEVATION & SCHEDULES.
6. HIGH ACCESS HH (HH-3) PER ELEVATION & SCHEDULES.
7. HIGH ASSEMBLY HH (HH-4) PER ELEVATION & SCHEDULES.

NOTE:
 1. STEEL BRACKETS ARE PROVIDED TO ACCOMMODATE ELECTRICAL BOX. THE CENTERLINES OF THE BRACKET ARE NOT EXPECTED TO LINE UP EXACTLY WITH THE ELECTRICAL BOX MOUNTING HOLES. THE 2" FLAT SURFACE PROVIDES THE CONTRACTOR WITH THE FLEXIBILITY TO FIELD DRILL HOLES INTO THE STEEL CHANNEL WHERE NEEDED IN ORDER TO FASTEN THE ELECTRICAL BOX. AFTER FASTENING, THE CONTRACTOR MAY TACK WELD THE NUT TO THE BACK OF THE CHANNEL TO PREVENT THE NUT FROM SPINNING OFF AND ENSURE THE BOX CAN ONLY BE REMOVED FROM TURNING THE BOLT ON THE INSIDE OF BOX.
 2. NOT ALL HAND HOLES SHOWN. SEE ELEVATION SHEET 'S1' FOR ADDITIONAL INFORMATION AND POLE REQUIREMENTS.
 3. HAND HOLE AZIMUTHS VARY. SEE SCHEDULE BELOW FOR AZIMUTHS AND VERIFY WITH SITE REQUIREMENTS.

METER BANK & HH AZIMUTH SCHEDULE					
METER BANK AZIMUTH	UTILITY PROVIDER	HH-1 (CITY HH)	HH-2 (LOW ASSEMBLY)	HH-3 (HIGH ACCESS)	HH-4 (HIGH ASSEMBLY)
90°	SRP	0°	N/A	270°	90°
180°	SRP	0°	N/A	0°	180°
270°	SRP	0°	N/A	90°	270°

112 METERED ELECTRICAL BOX ATTACHMENT TO POLE - SRP
NTS

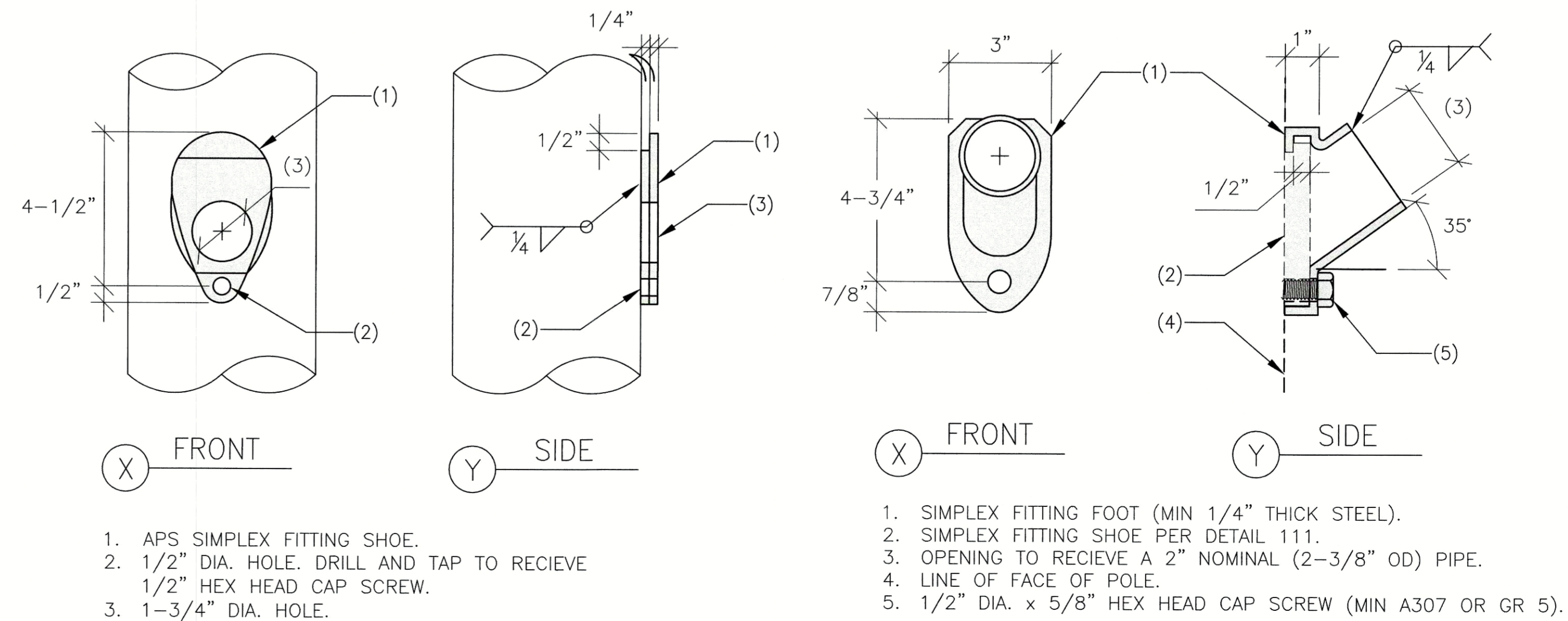


LUMINAIRE ARM OPTIONS	
OPTION	RADIUS (R)
A	4'-6"

1. LUMINAIRE MAST.
2. STEEL POLE.
3. 5" OD x 0.188" THK SLIP IN FITTING.
4. (4) VERT. ROWS OF (3) 1/4" DIA. TEKS SELECT SCREWS. EQUALLY SPACED HORIZ. & 3" O.C. VERTICALLY (12 TOTAL).
5. 6" OD x 1/4" THICK STOPPER RING WITH 2-1/2" HOLE. WELDED TO POLE EXTENSION.
6. SLIP-IN FITTING TO STOPPER RING.

109 SLIP-IN BASE ATTACHMENT TO POLE FOR OPTION 1
NTS

109 RADIAL LUMINAIRE MAST OPTION (OPTION 1)
NTS



1. APS SIMPLEX FITTING SHOE.
- 1/2" DIA. HOLE. DRILL AND TAP TO RECIEVE 1/2" HEX HEAD CAP SCREW.
- 1-3/4" DIA. HOLE.

1. SIMPLEX FITTING FOOT (MIN 1/4" THICK STEEL).
- SIMPLEX FITTING SHOE PER DETAIL 111.
- OPENING TO RECIEVE A 2" NOMINAL (2-3/8" OD) PIPE.
- LINE OF FACE OF POLE.
- 1/2" DIA. x 5/8" HEX HEAD CAP SCREW (MIN A307 OR GR 5).

110 FITTING SHOE (FOR OPTION 2)
NTS

110 FITTING FOOT (FOR OPTION 2)
NTS



VZSC-MINOR COLLECTOR-SRP-MB
 SMALL CELL LIGHT POLE W/ MB
 MULTI-USE DESIGN
 SCOTTSDALE, AZ

REV	ISSUED	DATE
0	ISSUED FOR PERMIT	08.19.21

CITY OF SCOTTSDALE
 BUILDING PLANS
 THESE PLANS HAVE BEEN APPROVED
 AND ARE READY FOR A PERMIT
 THIS DOES NOT AUTHORIZE VIOLATIONS OF ANY
 CODE OR ORDINANCE



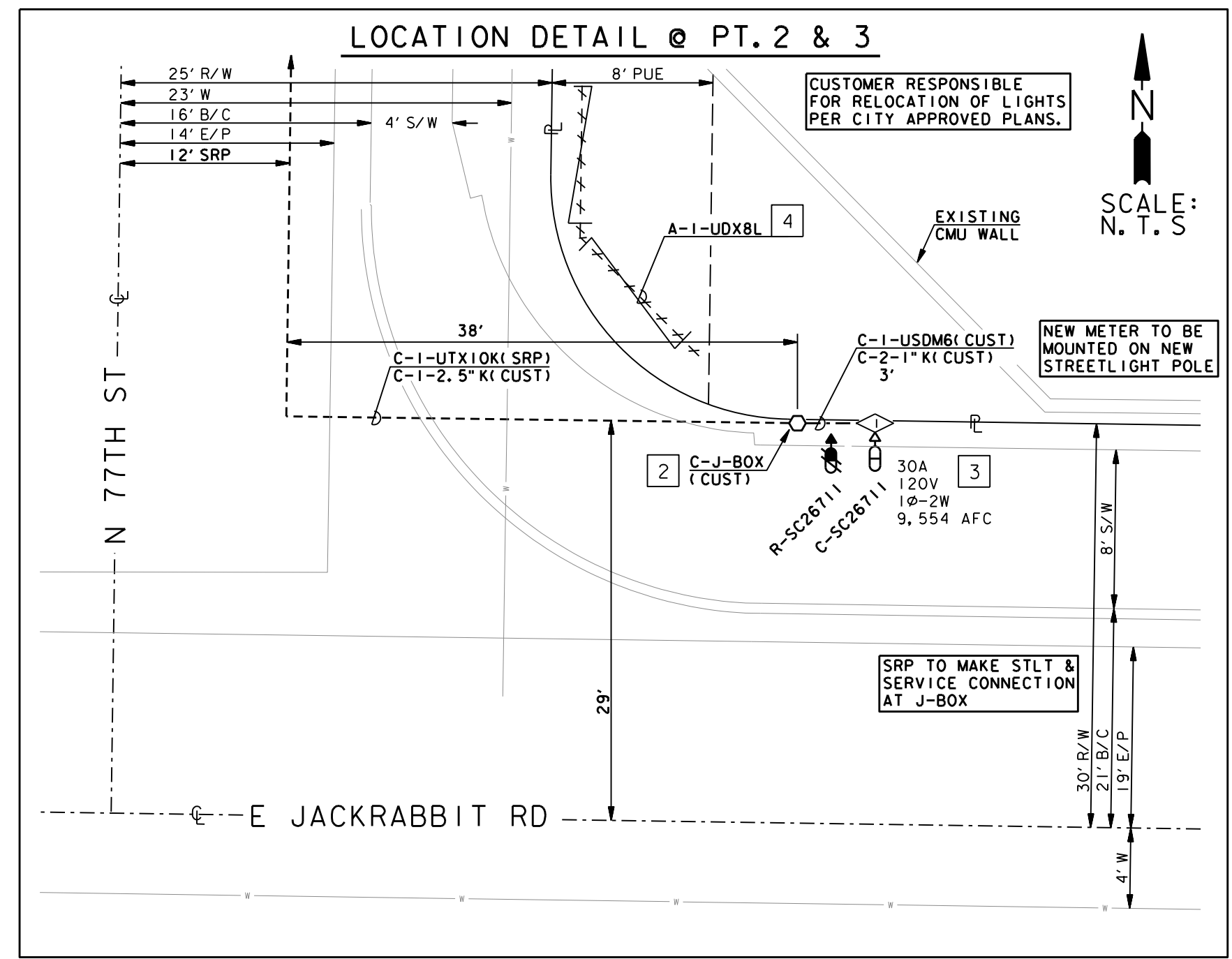
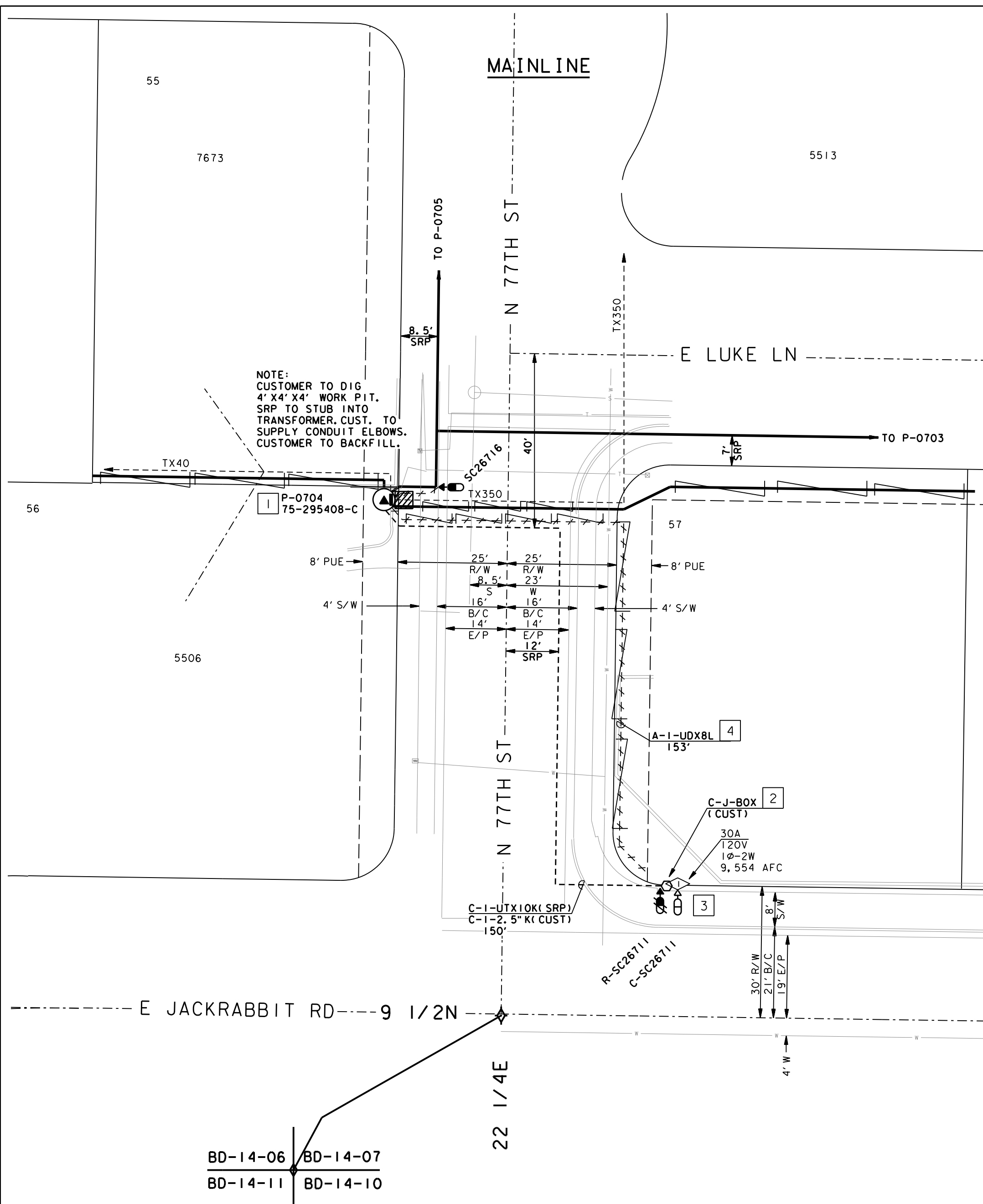
CaliberEngineering Solutions
 INTEGRITY. QUALITY. EXPERTISE.
 2487 S. GILBERT RD. STE. 106-(607)
 GILBERT, AZ 85295
 480.329.0493
 WWW.CALIBER-ES.COM

JOB: 21-S044 ENG: MEN

LUMINAIRE DETAILS

S3

0



SCALE: 1" = 20'

PROJECT NOTES

SRP ELECTRICAL SERVICE SPECIFICATIONS ARE AVAILABLE ON-LINE AT: [HTTP://WWW.SRPNET.COM/ELECTRIC/BUSINESS/SPECS](http://www.srpnet.com/electric/business/specs)

- CUSTOMER IS RESPONSIBLE FOR:
 - PROVIDING SRP VEHICLES WITH A MINIMUM 12' WIDE AND 20' HIGH PERMANENT TRUCK ACCESS TO ALL SRP EQUIPMENT. ANY SES OR EXTERIOR METER ROOM ENTRANCE. EACH SERVICE ENTRANCE SHALL OPEN DIRECTLY TOWARDS THE EXTERIOR METER ROOM ENTRANCE. THIS PROVIDES EQUIPMENT ACCESS FOR CABLE INSTALLATION. WITH A MINIMUM WIDTH OF 12'. REMOVABLE SCREEN WALLS, PANELS, OR DOORS MAY BE USED AS AN ARCHITECTURAL FEATURE, PROVIDED THE ACCESS ROUTE COMPLIES TO SRP VEHICLE ACCESS REQUIREMENTS.
 - ALL CONDUIT (PVC, DB120, RATED FOR 90 DEGREES C CABLE, ASTM F512 WITH ALL ELBOWS BEING SCHEDULE 40 36" RADIUS), TRENCH, BACKFILL, COMPACTION, (UNLESS OTHERWISE SPECIFIED) ALL FILL BELOW AND AROUND ELECTRIC UTILITY FIXTURE FOUNDATION PADS SHALL BE COMPACTED TO AT LEAST 95% MAXIMUM DRY DENSITY (AT OR NEAR OPTIMUM MOISTURE CONTENT) IN ACCORDANCE WITH ASTM D698. 1/2" CONTROLLED LOW STRENGTH MATERIAL BACKFILL MAY BE PLACED IN LIEU OF COMPACTED BACKFILL AND MAINTENANCE OF TRENCH AND CONDUIT UNTIL WIRE IS PULLED. CONTACT SRP AND SCHEDULE A HOT ID AFTER LOCATING AND EXPOSING EXISTING STUBBED CONDUIT.
 - INSTALLATION OF 3 PHASE TRANSFORMER PAD(S), TEMPLATE(S) AND GROUND ROD(S).
 - STAMPED AND REGISTERED PROPERTY PINS AND FINAL GRADE STAKES FOR PAD AND TRENCH LOCATIONS.
 - REVIEWING AND SIGNING OFF ON MATERIALS DELIVERED TO THE JOB SITE.
 - ALL SURFACE RESTORATIONS AND LANDSCAPE REPAIRS.
- SRP'S POINT OF DELIVERY TO BE: S.E.S. JUNCTION BOX. TRANSFORMER.
- SRP TO INSPECT THE FOLLOWING: TRENCHING, CONDUIT INSTALLATION, MANDREL (IF REQUIRED), EQUIPMENT PAD(S), COMPACTION AND SERVICE ENTRANCE SECTION.
- METERING PER EUSERC, SRP SPECIFICATIONS AND MUNICIPAL CODES. SUBMIT ONE ELECTRONIC COPY OF SHOP DRAWINGS FOR ALL PROPOSED ADDAMP OR LARGER SERVICE ENTRANCE SECTION, DOUBLE RESIDENTIAL METER PEDESTALS, AND COMMERCIAL SAFETY SOCKET PEDESTALS TO COMMERCIAL NEW BUSINESS FOR APPROVAL PRIOR TO PURCHASE AND/OR MANUFACTURING. SUCH DRAWINGS SHALL INDICATE THE PROJECT AND CUSTOMER NAME, SRP JOB NUMBER, JOB ADDRESS, CONTRACTORS NAME AND PHONE NUMBERS. SUBMIT TO: SHOPDRAWINGS@SRPNET.COM
- FOR THAT PORTION OF THE FACILITY LOCATED WITHIN PUBLIC UTILITY EASEMENTS, THIS SUBMITTAL IS MADE FOR NOTIFICATION PURPOSES ONLY.

GRAPHIC SYMBOLS
(SHADED SYMBOL INDICATES EXISTING FACILITY)

E-ELECTRIC C-COMMUNICATION W-WATER G-GAS SD-STORM S-SEWER DRAIN

--- "E" WITHOUT CIRCLE INDICATES EXISTING TRENCH
--- "E" WITH CIRCLE INDICATES PROPOSED TRENCH

TYPICAL SRP ABBREVIATIONS

C = CONSTRUCT
E = EXISTING
R = REMOVE
T = TRANSFER
A = ABANDON
F/SW = FRONT OF SIDEWALK
B/SW = BACK OF SIDEWALK
F/C = FRONT OF CURB
B/C = BACK OF CURB
E/P = EDGE OF PAVEMENT
L/G = LIP OF GUTTER
R/W = RIGHT OF WAY

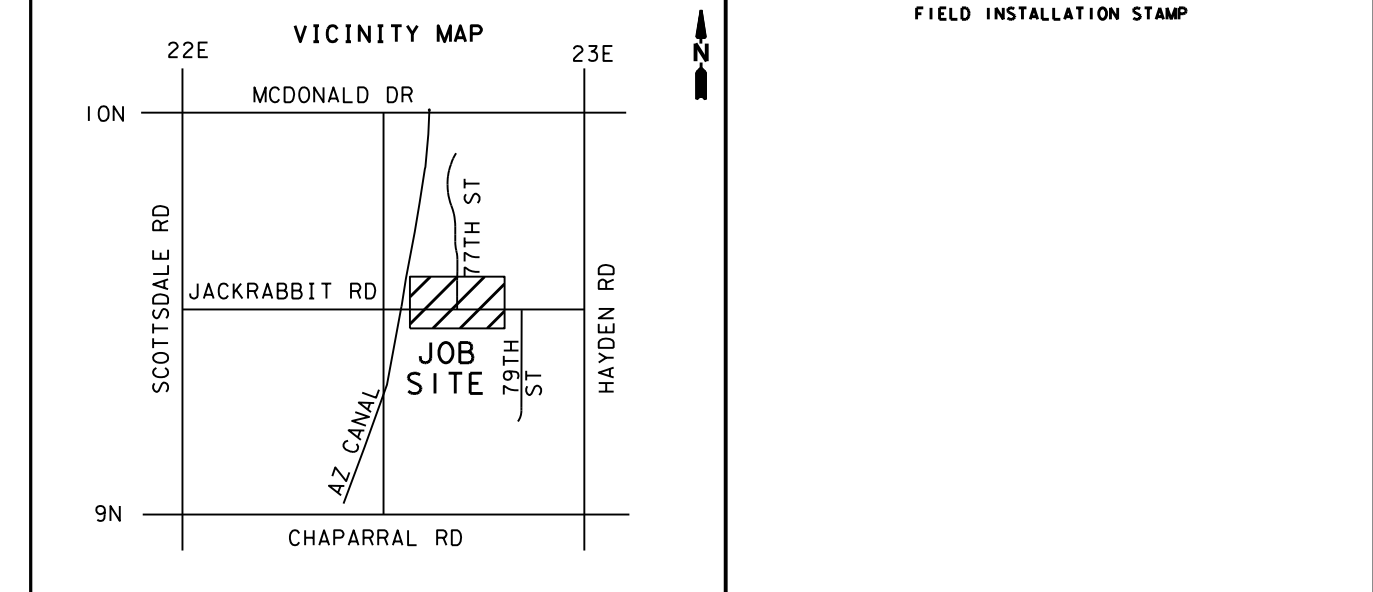
--- UNDERGROUND STREETLIGHT CONDUCTOR
--- UNDERGROUND SERVICE CONDUCTOR
--- UNDERGROUND SECONDARY CONDUCTOR
--- PROPOSED UNDERGROUND TRENCH/BORE
--- EXISTING UNDERGROUND TRENCH/BORE
--- INDICATES ABANDONMENT

⊗ PROPOSED SINGLE-PHASE TRANSFORMER
⊕ PROPOSED THREE-PHASE TRANSFORMER
⊕ PROPOSED FUSING ENCLOSURE
⊕ PROPOSED SWITCHING ENCLOSURE
⊕ PROPOSED 1 PHASE PULLING ENCLOSURE
⊕ PROPOSED 3 PHASE / FEEDER PULLING ENCLOSURE
⊕ PROPOSED 4/0 PRIMARY TAP ENCLOSURE
⊕ PROPOSED CAPACITOR BANK

⊕ FOR MOST PRIMARY DEVICES OTHER THAN TRANSFORMERS, NO BAR ABOVE THE LETTER INDICATES AN EXIST. FACILITY
○ NO BAR IN PAD INDICATES FACILITY IS EXISTING
◌ BAR INDICATES FRONT OF DEVICE
◌ A SHADED BAR INDICATES FACILITY IS EXISTING

◇ SERVICE ENTRANCE SECTION (S.E.S.)
⊕ PROPOSED MANHOLE
⊕ PROPOSED PULL BOX
⊕ PROPOSED SPLICE POINT
⊕ PROPOSED STREET LIGHT
⊕ PROPOSED PRIVATE LIGHT (STAKED BY CUSTOMER)
⊕ PROPOSED POLE AND RISER
⊕ DOUBLE SLASH LINES INDICATE REMOVAL
⊕ ELECTRONIC MARKER

--- MATCH POINTS FOR MULTIPLE SHEETS OF DRAWING
--- CONDUIT
⊕ PROPOSED FLUSH-MOUNTED J-BOX
⊕ PROPOSED ABOVE-GROUND J-BOX



SURVEY AND PERMIT INFORMATION

SRP SURVEY TO STAKE FOR LOCATION AND TIE FOR EASEMENTS. CUSTOMER CONTROL POINTS REQUIRED: YES NO

CUSTOMER'S SURVEY TO STAKE FOR LOCATION/CONSTRUCTION AND TIE FOR EASEMENTS. CUSTOMER'S SURVEYOR MUST ATTEND PRE-CON MEETING.

SRP SURVEY TO STAKE FOR LOCATION, NO EASEMENT REQUIRED.

3RD PARTY EASEMENT REQUIRED.

NO SURVEY REQUIRED.

PERMIT REQUIRED: CITY OF SCOTTSDALE COUNTY _____ PERMIT NO. _____

NO PERMIT REQ.

REV	REVISED BY	DATE	NATURAL GAS	YES	NO	REVISION DESCRIPTION
1	MIMENDEZ	02-10-22				JOB CREATED
2						REDLINE SENT TO CUSTOMER FOR REVIEW VALID FOR 30 DAYS FROM THIS DATE

JOB NAME PHO SHADOWS 8 SC
ADDRESS/LOCATION JACKRABBIT RD AND 77TH ST SCOTTSDALE AZ 85250
CONTACT BRIAN WOOLHOUSE PHONE 623-606-1736
BILLING ACCT NO. 403-938-003

FIS JO _____ MAP 1/4 SE S14 T2N R4E
40+ ACRES BD-14-07 COORDS 22 5/8 E - 9 1/2 N
AMP NO. T3383828 AMP VERSION _____
COST CENTER 22640
ROUTING CODE DD1, 5A+0

PHOENIX, ARIZONA 85040
PHONE: (602) 437-1676 FAX: (602) 437-1564
TOR PROJECT LEADER: BRANDT CLEMENSEN
E-MAIL: Brandt.Clemensen@TOREngineering.com
DESIGNER: MARTHA MENDEZ
E-MAIL: MarthaMendez@TOREngineering.com
TOR CHARGE #: 2135008

DETAILS PERTAINING TO SRP ELECTRICAL SERVICE SPECIFICATIONS CAN BE FOUND AT: [HTTP://WWW.SRPNET.COM/ELECTRIC/BUSINESS/SPECS/](http://www.srpnet.com/electric/business/specs/)

CONDUIT AND MULE TAPE SPECS

- CONDUIT WILL BE PVC DB120 RATED 90°C CABLE MEETING THE REQUIREMENTS OF ASTM F512.
- CUSTOMER SHALL PROVIDE & INSTALL 2500LB TENSILE STRENGTH 5/8" PRE-LUBRICATED MULE TAPE FOR ALL SERVICE CONDUITS.

FOR CUSTOMER APPROVAL NOT FOR CONSTRUCTION

REDLINE REVIEW FOR PLANNING PURPOSES ONLY CUSTOMER REVIEW

SIGNATURE: _____ DATE: _____

NAME: _____

CHANGES REQUESTED:

SIGNATURE: _____ DATE: _____

NAME: _____

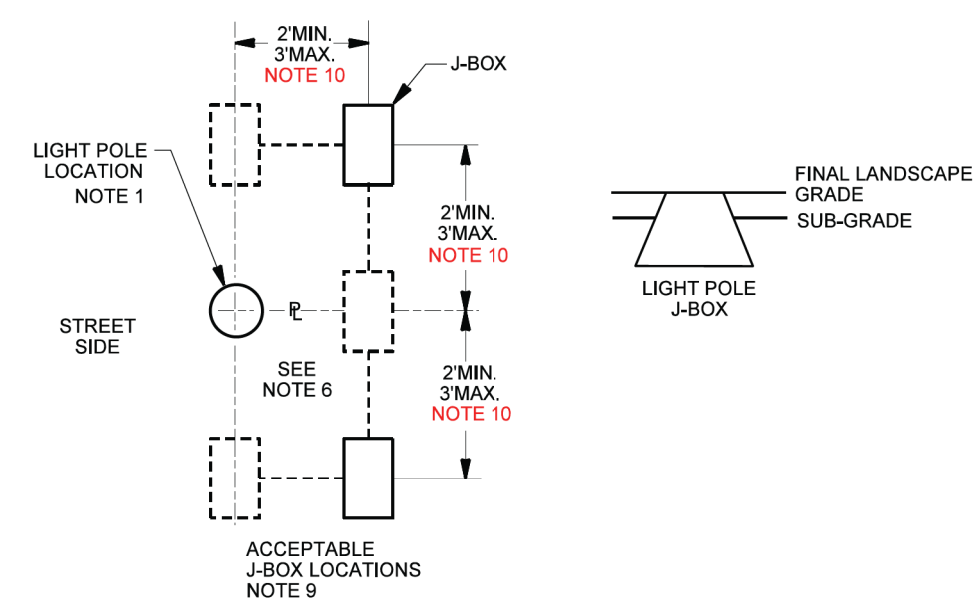
CONTACTS:

DESIGN CONSULTANT:
MARTHA MENDEZ
OFFICE: (602) 437-1676 X271
MOBILE: _____

PROJECT LEADER:
CHRISTOPHER CIACCIO
PHONE: (602) 236-6203

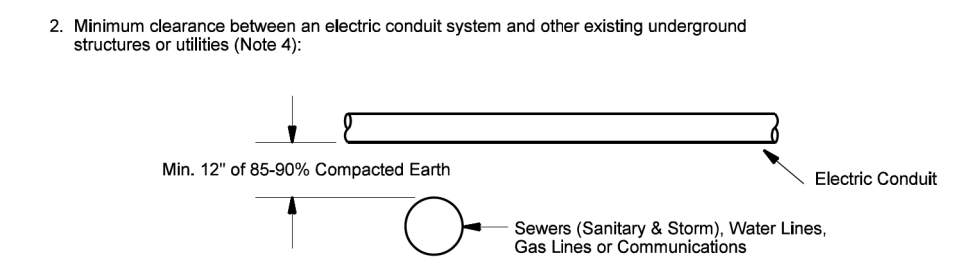
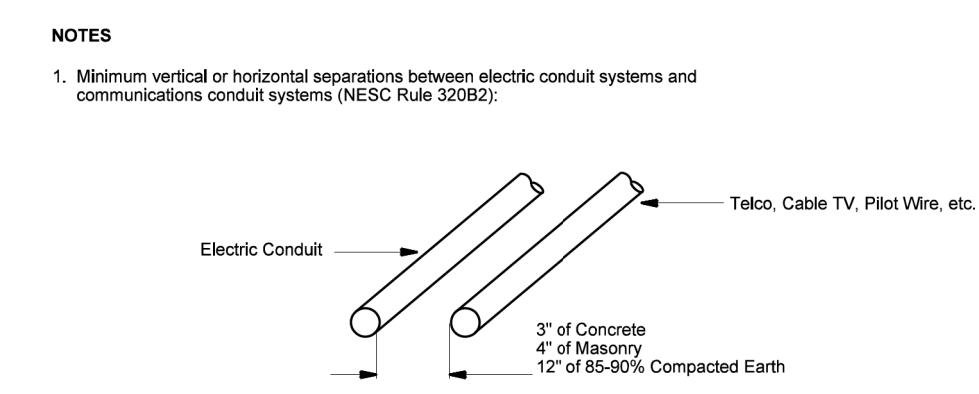
INSPECTIONS OFFICE
EMAIL: CVSCHEDELING@SRPNET.COM
PHONE: (602) 236-0887

CONSTRUCTION CONSULTANT:
MARK SLACHTA
MOBILE: (602) 809-1063



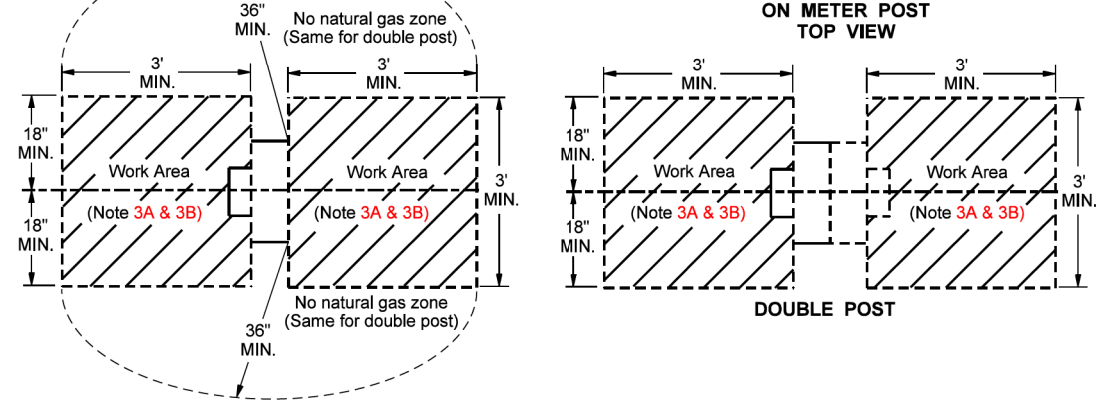
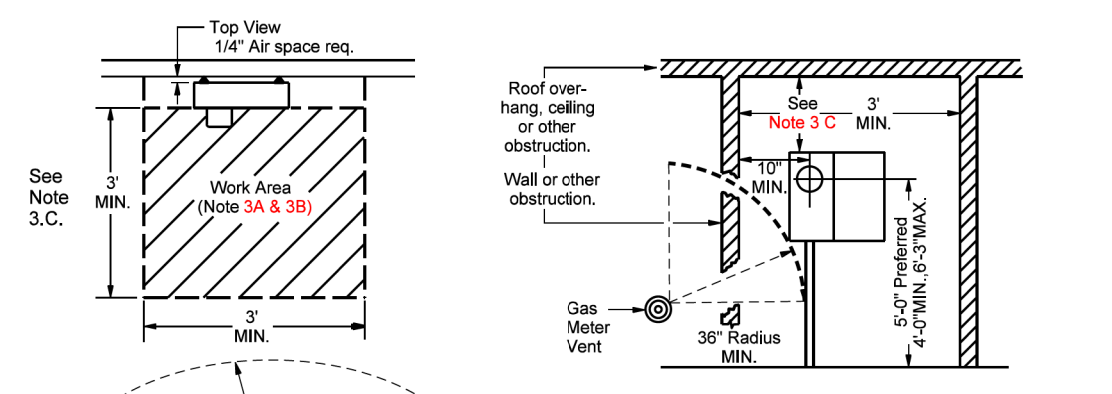
- NOTES**
- CUSTOMER TO STAKE LIGHT LOCATION PER APPROVED MUNICIPAL PLAN.
 - GRADE STAKE TO BE WITHIN 2 FEET OF J-BOX LOCATION. CUSTOMER TO STAKE J-BOX LOCATION. AVOID CONFLICT WITH SIDEWALK, LANDSCAPING, ETC.
 - GROUND ROD TO BE INSTALLED FOR EACH STREET LIGHT LOCATION PER STANDARDS ON PAGE 9-1-1.
 - SEE SONOTUBE INSTALLATION DETAIL, PAGE 9-1-1, IF APPLICABLE.
 - #6 BARE COPPER GROUND WIRE TO BE ATTACHED FROM GROUNDING LUG ON STREET LIGHT POLE TO GROUND ROD IN J-BOX.
 - J-BOX MAY BE POSITIONED BEHIND THE POLE, EXCEPT IN THE CITIES OF CHANDLER AND GILBERT.
 - IF POLE IS IN PROXIMITY OF METALLIC APPARATUS SEE CONSTRUCTION STANDARDS SECTION, LIGHT POLES IN PROXIMITY OF METALLIC APPARATUS, BONDING ALSO SEE SECTION 3 "ELECTRIC SERVICE REQUIREMENTS" NOTE 6".
 - FOR PEDESTAL MOUNTED POLES THE J-BOX IS LOCATED ABOVE THE WATER LINE. SEE POLE PLACEMENT, WATER RETENTION BASIN.
 - SOME CLEARANCE RESTRICTIONS APPLY TO J-BOX LOCATIONS NEAR TRANSFORMERS, SEE DESIGN AND MISCELLANEOUS, CLEAR AREA FOR CUSTOMER EQUIPMENT, ADJACENT TO TRANSFORMER.
 - FOR MUNICIPAL OWNED STREETLIGHT RELOCATIONS, THE DISTANCE FROM J-BOX TO STREETLIGHT MAY BE INCREASED UP TO 15'.

Outdoor Lighting Standards	REV. ADDED NOTE 10	DESIGN AND MISCELLANEOUS STREETLIGHT POLE J-BOX LOCATION DETAILS	ISSUE DATE: 11/19/01 REV. DATE: 01/18/02 APPROVAL: J. LARAME
SRP PROPRIETARY MATERIAL			8518E90.DGN



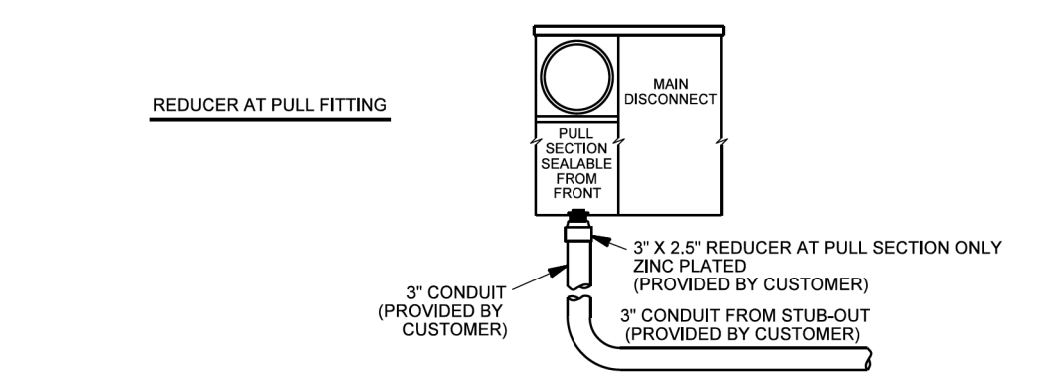
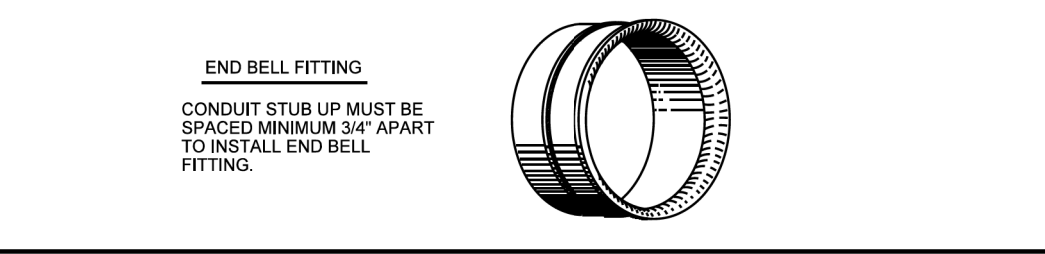
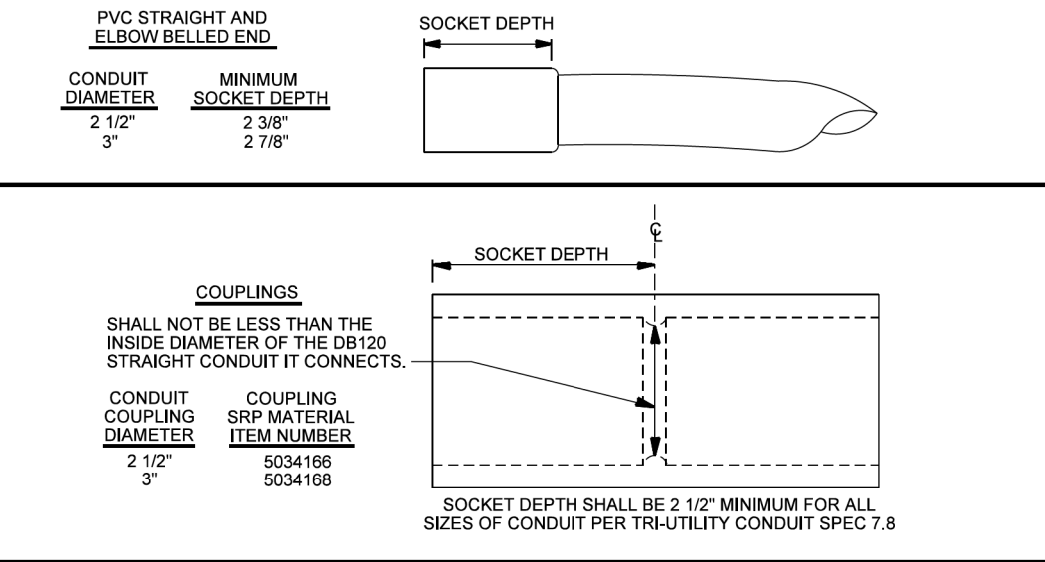
- NOTES**
- Minimum vertical or horizontal separations between electric conduit systems and communications conduit systems (NEC Rule 320B2).
 - Minimum clearance between an electric conduit system and other existing underground structures or utilities (Note 4).
 - Horizontal clearance for parallel structures (NEC Rule 320B):

Electric Service Specifications	REV. SWAPPED NOTE ORDER FOR NOTES 3B AND 3C AND UPDATED NOTE CALLOUTS	CLEARANCES UNDERGROUND CONDUIT	ISSUE DATE: 04/15/08 REV. DATE: 10/23/12 APPROVAL: W. LARAME
SRP PROPRIETARY MATERIAL			809E118.DGN



- NOTES**
- All heights are measured from the standing surface to the centerline of the meter.
 - When meters are mounted outdoors, the minimum height of the center of the meter shall not be less than 4' and the maximum height shall not exceed 6'-3" from final grade. The preferred height is 5' from final grade.
 - WORKING SPACE (SRP REQUIREMENTS):
 - To permit access to SES installations and to provide safety for personnel, an unobstructed, flat and level working and standing space, entirely on the property of the Customer, is to be provided in front of all SES equipment. Access to this working space shall be readily accessible. Vehicle parking is not allowed in this area. All clearances must be at least as shown below.
 - Dimension will be minimum 60" from the edge of drivable path.
 - Dimension will be minimum 42" for 320 amps to 800 amps service, and 12" for 225 amps (or less) service. The total height for working clearances shall be no less than 6'-0".
 - GUARD POSTS: The Customer will furnish, install and maintain, or make a contribution in aid of construction to SRP (at SRP's option) for permanent guard posts to provide protection where the working space is exposed to vehicles or hazardous conditions. The determination of need, type, size and location of guard posts is at the sole discretion of SRP (also see page 5-3).

Electric Service Specifications	REV. SWAPPED NOTE ORDER FOR NOTES 3B AND 3C AND UPDATED NOTE CALLOUTS	CLEARANCES SERVICE ENTRANCE SECTION LOCATIONS HEIGHTS & WORKING SPACE CLEARANCE	ISSUE DATE: 04/15/08 REV. DATE: 05/23/10 APPROVAL: S. SABBAN
SRP PROPRIETARY MATERIAL			8509E118.DGN

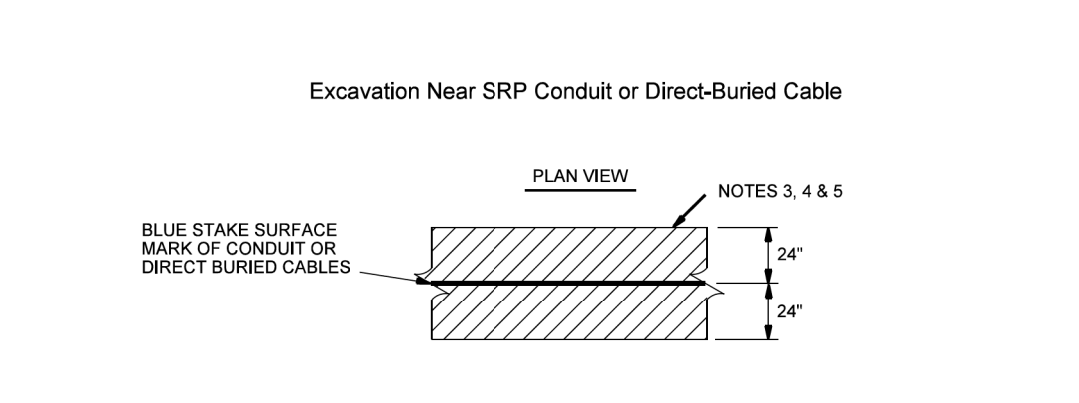
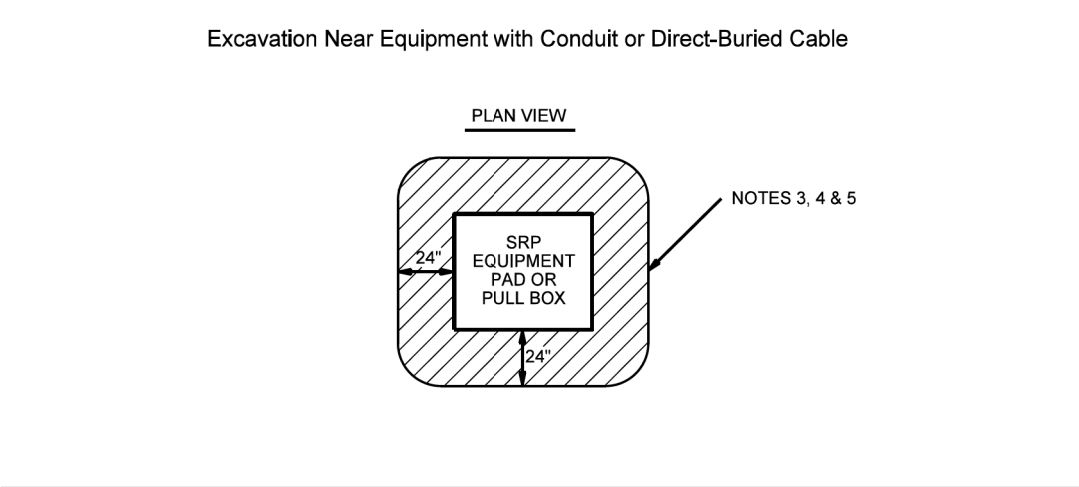


Electric Service Specifications	REV. SWAPPED NOTE ORDER FOR NOTES 3B AND 3C AND UPDATED NOTE CALLOUTS	TRENCHING AND CONDUIT SIZES & SPECIFICATIONS BELLED ENDS AND FITTINGS	ISSUE DATE: 03/19/01 REV. DATE: 05/22/13 APPROVAL: W. LARAME
SRP PROPRIETARY MATERIAL			8509E127.DGN



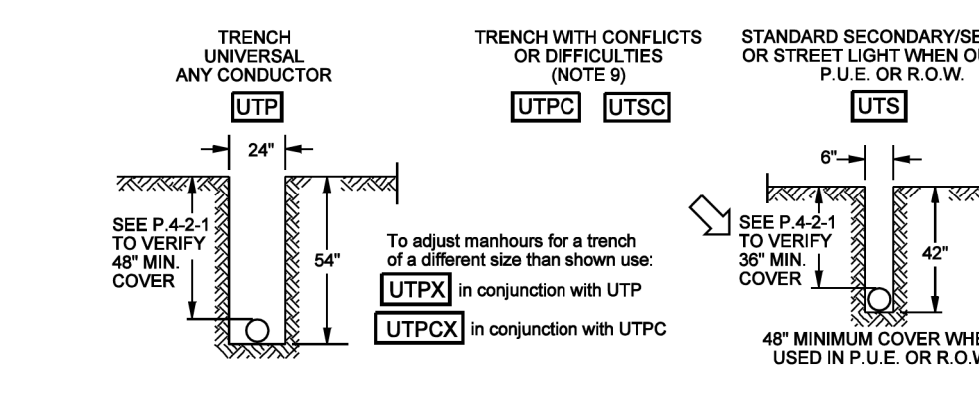
SRP Material Item No. 5031725	
Description	Noun: Cable pulling Adjective: 1,500' reel Size: Polyester, 2,500 lb. Type: Pre-lubricated Style: Street lights, secondary and service conduits Use: Street lights, secondary and service conduits
Special Reference	Reel size: 9" outside traverse, 1 1/2" flange diameter, 1 1/2" arbor hole
Approved Suppliers	Part Number
A-D Technologies	WP251500
ARNCO Corp	WP251500
FiberTek, Inc.	WP2500-W
Herculine	Use description
L.H. Dottie	DWP1502
NEPTCO	WP2500P-1.5
Wellington	N303M5-9083SR

Electric Service Specifications	CONTRACTOR-SUPPLIED MATERIAL	ISSUE DATE: 06/20/04
SRP PROPRIETARY MATERIAL	CABLE PULLING TAPE, 1,500' REEL	REV. DATE: 12/15/16
11-6		APPROVAL: N. SABBAN
		85211-08.dwg

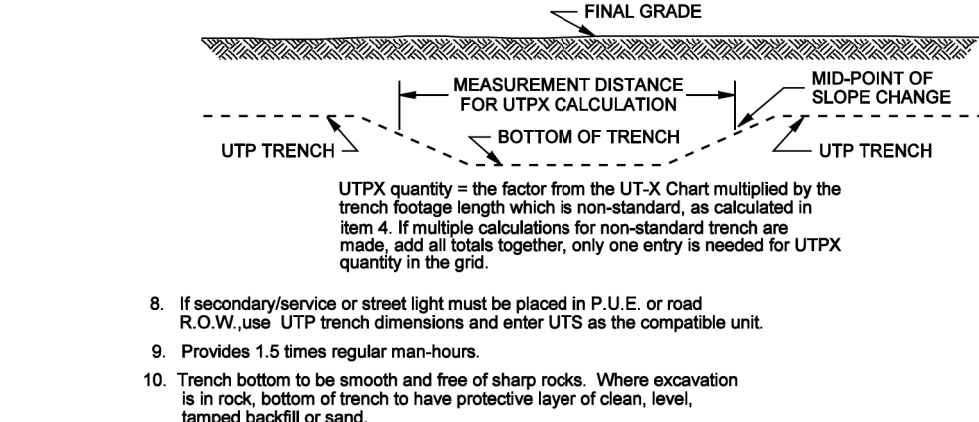


- NOTES**
- Refer to Blue Stake Law and OSHA requirements before excavating.
 - Securely cover or barricade all open trenches and excavations per OSHA requirements before leaving job site.
 - Customer shall install trench and conduit per the work order drawings and/or specifications provided by the SRP Design resource.
 - Excavating under SRP pad-mounted equipment or pull-boxes is prohibited (boxes are excluded).
 - Carefully excavate in a safe and prudent manner with hand tools within shaded area.
 - For exposed conduit or direct-buried cable, customer shall protect as necessary to avoid damage.
 - Contact SRP prior to any excavation near SRP poles.

Electric Service Specifications	REV. CORRECTED TRENCH DEPTH TYPO	TRENCHING AND CONDUIT CUSTOMER EXCAVATION LIMITS FOR CONNECTION TO SRP FACILITIES	ISSUE DATE: 11/17/10 REV. DATE: 07/18/14 APPROVAL: S. DORAN
SRP PROPRIETARY MATERIAL			8509E354.DGN

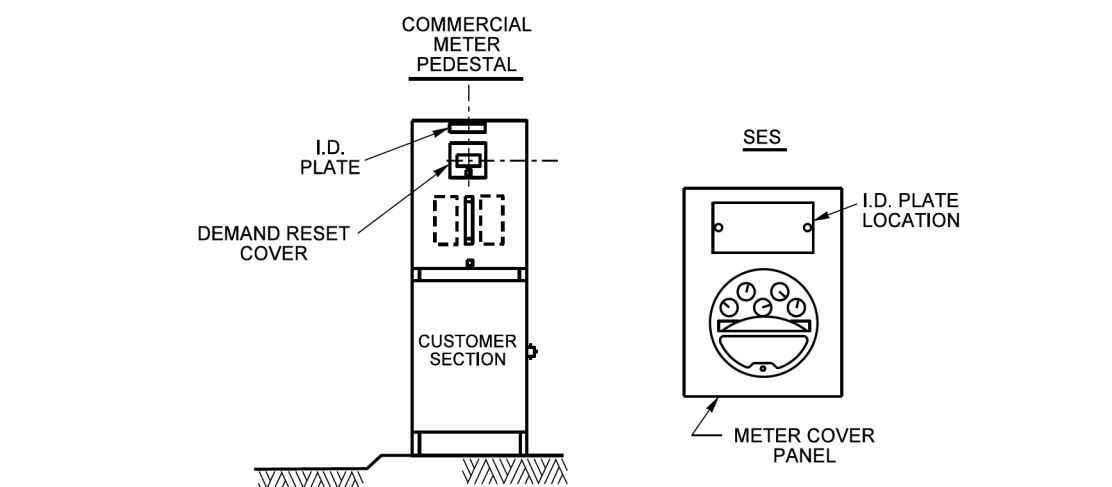


- NOTES**
- Trench depths and conduit cover are to be measured from final grade stakes. All trench depths or conduit cover requirements specified on a job drawing shall be followed.
 - These trench codes provide man-hours for excavation only and do not provide for trench backfill.
 - The total trench footage length will be shown in the grid as standard trench, either UTP for primary or UTS for secondary, street light or service. When trench is provided by customer, this is the only coding required on the job grid.
 - Non standard trench locations will be identified on the job order sketch with required width and depth dimensions given.
 - When trenching is provided by SRP, non standard trenches shall have 2 compatible unit codes in the grid, UTP plus the UTPX, to adjust the time for digging.
 - When specified depth cannot be obtained because of solid rock, a minimum earth cover of 24" is acceptable, provided a minimum 2" encasement of concrete surrounds the conduit.
 - Use example shown to figure length of UTPX trench, unless the entire trench is non standard.

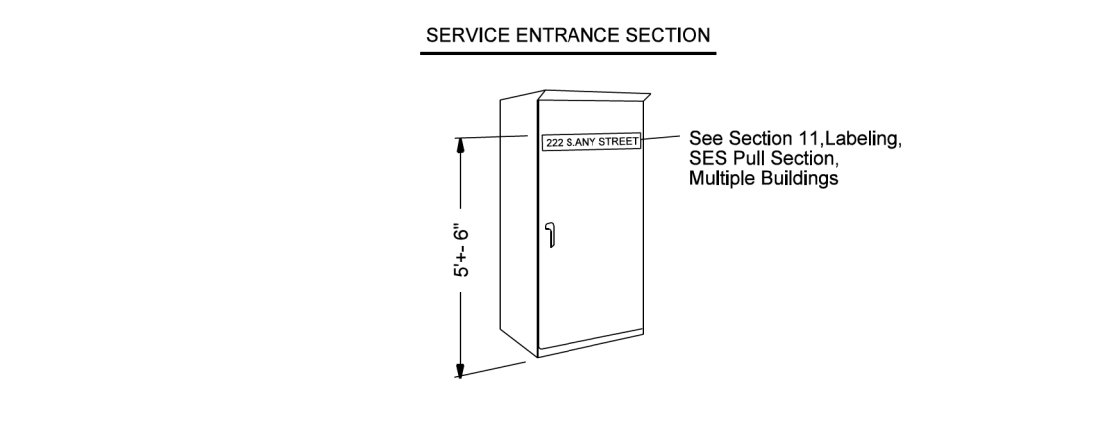


Underground Distribution Construction Standards	REV. CORRECTED TRENCH DEPTH TYPO	TRENCHING AND CONDUIT CUSTOMER EXCAVATION LIMITS FOR CONNECTION TO SRP FACILITIES	ISSUE DATE: 01/15/07 REV. DATE: 03/06/13 APPROVAL: B. PRIEST
SRP PROPRIETARY MATERIAL			8513E130.DGN

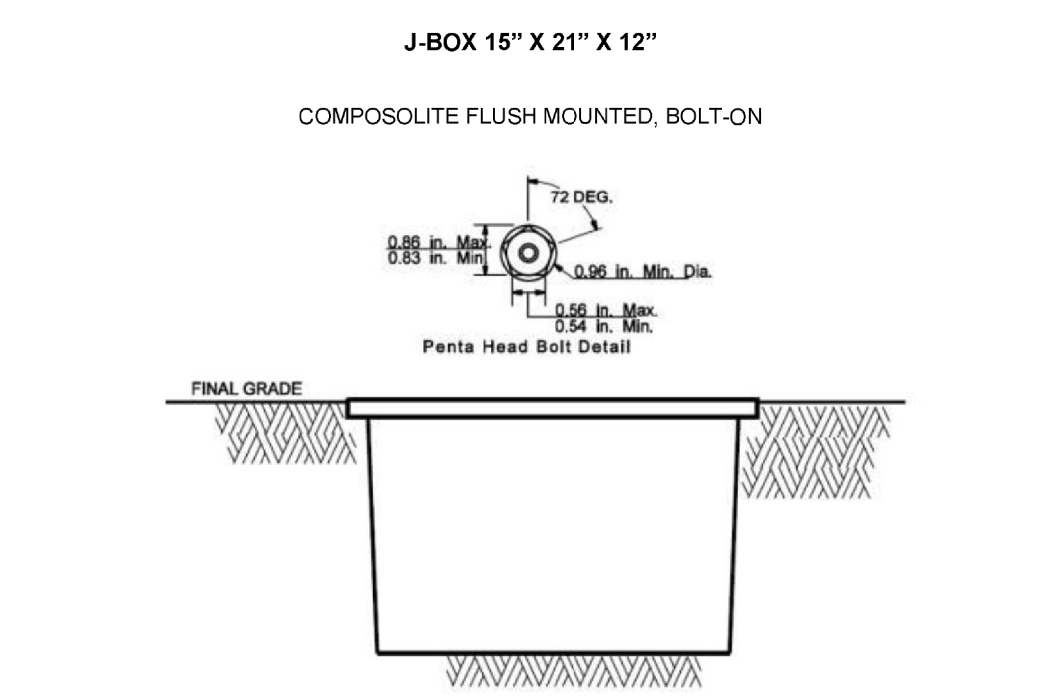
- E. The identifying Labeling for SESs shall be metal riveted to the meter cover (see page 11-46, detail titled "Labeling SES, Meter Cover Panel"). If the main breakers are not installed directly adjacent to the meter, both the meter and the main breaker shall be identified with individual labels. SRP may require the Customer or their contractor to open the apartments or suites at the time the meters are set in order to verify that each meter socket serves the apartment or suite indicated by the marking labels.



- F. In the case of multiple buildings, the building or unit number and street address shall be identified on the pull section in the manner described below.

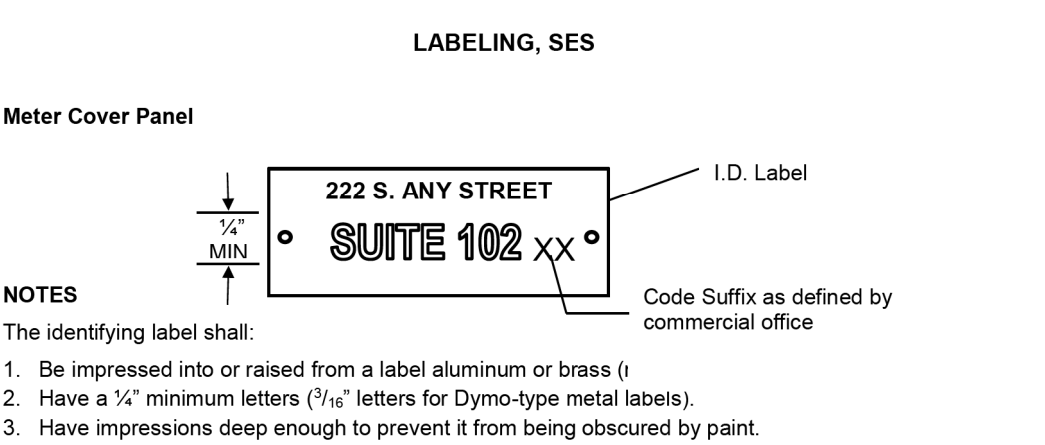


Electric Service Specifications	REV. SWAPPED NOTE ORDER FOR NOTES 3B AND 3C AND UPDATED NOTE CALLOUTS	METERING & SES SERVICE ENTRANCE SECTION ADDRESSING & IDENTIFICATION	ISSUE DATE: 04/15/08 REV. DATE: 11/03/12 APPROVAL: W. LARAME
SRP PROPRIETARY MATERIAL			809E105.DGN

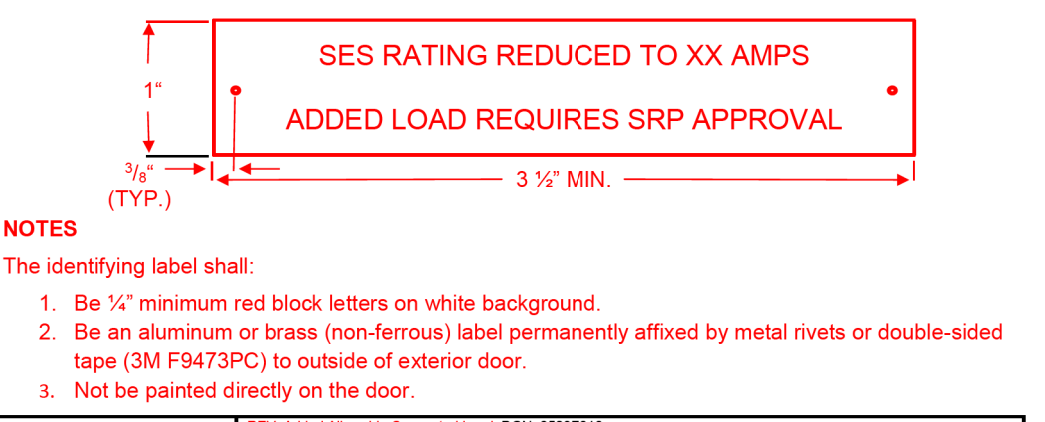


SRP Material Item No. 5034992	
Description	Noun: Box Adjective: Junction Size: 15" x 21" x 12", with large head Penta bolts Style: Word "electric" on cover Special Ref.: Box to be polymer concrete material with polymer concrete bolt down (non-conductive cover).
Approved Suppliers	Part Number
Armorcast Products	A600129A
Carson & Associates	HLW1118-12 BOX, HLW1118-PO LID
CDR Systems	PA40-1015-12
Hubbel-Lenoir	PC1118B513 BOX, PC1118C504-17/UH0390AA cover with electric
Newbasis	PCA111812-00043

Electric Service Specifications	CONTRACTOR-SUPPLIED MATERIAL	ISSUE DATE: 06/20/04
SRP PROPRIETARY MATERIAL	J-BOX 15" X 21" X 12"	REV. DATE: 10/23/13
11-3		APPROVAL: W. LARAME
		85211-09.dwg



- NOTES**
- The identifying label shall:
 - Be impressed into or raised from a label aluminum or brass (1/16" minimum letters (1/16" letters for Dymo-type metal labels).
 - Have impressions deep enough to prevent it from being obscured by paint.



Electric Service Specifications	CONTRACTOR-SUPPLIED MATERIAL	ISSUE DATE: 11/19/10
SRP PROPRIETARY MATERIAL	LABELING, SES	REV. DATE: 05/09/19
11-4B		APPROVAL: N. SABBAN
		85211-08.dwg

CONTACTS:
 DESIGN CONSULTANT:
 MARTHA MENDEZ
 OFFICE: (602) 437-1676X271
 MOBILE:
 PROJECT LEADER:
 CHRISTOPHER CIACIO
 PHONE: (602) 236-6203
 INSPECTIONS OFFICE
 EMAIL: CVSCHEDULEING@SRPNET.COM
 PHONE: (602) 236-0887
 CONSTRUCTION CONSULTANT:
 MARK SLACHTA
 MOBILE: (602) 809-1063

FOR CUSTOMER APPROVAL NOT FOR CONSTRUCTION

JOB NAME PHO SHADOWS 8 SC
 ADDRESS/LOCATION JACKRABBIT RD AND 77TH ST SCOTTSDALE AZ 85250
 CONTACT BRIAN WOOLHOUSE PHONE 623-606-1736
 BILLING ACCT NO. 403-938-003
 F15 JO MAP 1/4 SE S14 T2N R4E
 40+ ACRE BD-14-07 COORDS 22 5/8 E - 9 1/2 N
 AMP NO T3383828 AMP VERSION
 COST CENTER 22640
 ROUTING CODE DDI, 5A+0

CONTACT AROUND 911 AT LEAST TWO FULL WORKING DAYS BEFORE YOU SIGHT EXCAVATION
 Call 911 or click Auto911.com

SRP

SHEET NUMBER 2 OF 2

TOR ENGINEERING, Corp.
 3731 E. GROVE ST.
 PHOENIX, ARIZONA 85040

PHONE: (602) 437-1676 FAX: (602) 437-1564
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