

SHEET INDEX

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 Z-3 POLE INFORMATION & ELEVATIONS
 Z-4 EQUIPMENT DETAILS
 S-1 TOPOGRAPHIC SURVEY

SYMBOLS

UTILITY LINETYPE LEGEND		EQUIPMENT LEGEND	
	PROPOSED CONDUIT		= 17"x30"x18" (WxLxH) SCE (FSB) HANDHOLE
	POWER		= 17"x30"x15" (WxLxH) VZW (WTR) HANDHOLE
	GAS		= 18.5"x7.5"x20.4" (WxLxH) RRUS12
	WATER		= 13"x3"x7" (WxLxH) PSU
	PHONE		
	STREET LIGHT		
	OIL		
	SEWER		
	CABLE TV		
	STORM DRAIN		



Southern California
 15505 Sand Canyon Ave. Irvine, CA 92618

SCL AMADA G4
 (PRELIMINARY ADDRESS)
 MOUNTAIN VIEW AVE. & MICHILINDA AVE.
 (UNINCORPORATED) PASADENA, CA 91107

PROPRIETARY INFORMATION
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SITE NAME:
SCL AMADA G4
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 (UNINCORPORATED) PASADENA, CA 91107

C.E.S. PROJECT NO.:
10010825-15

STAMP:

SITE INFORMATION:
 ISSUE DATE: 03-27-15

ENGINEERED BY:
 C.E.S.

DRAFTED BY:
 C.E.S.



PLANS PREPARED BY:

 PRESCOTT COMMUNICATIONS INC.
 10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
 Phone No.: (818)898-2352 Fax No.: (818)898-9186

REVISIONS:			DATE	BY
1	06-24-15	90% ZD		JL
2	09-03-15	ADDED PSU'S TO RRUS 12'S		JM
3	12-15-15	REVISED PER CITY COMMENTS, WTR, & (1) RRUS 12/PSU		JM

POWER & TELCO UTILITY CONTACTS

POWER:
 COMPANY: SCE
 CONTACT: DAVID LAW
 PHONE: (909) 873-7931

TELCO:
 COMPANY: VZW (DARK FIBER FED)
 CONTACT: N/A
 PHONE: N/A

CONSULTANT TEAMS

ENGINEERING COMPANY:
 CABLE ENGINEERING SERVICES
 10640 SEPULVEDA BLVD. SUITE 1
 MISSION HILLS, CA. 91345
 PHONE: (818) 898-2352
 CONTACT: ELIZABETH VILLALOBOS
 FAX: (818) 898-9186
 E-MAIL: elizabeth.villalobos@cableeng.com

PLANNING CONSULTANT:
 CABLE ENGINEERING SERVICES
 10640 SEPULVEDA BLVD. SUITE 1
 MISSION HILLS, CA. 91345
 PHONE: (818) 898-2352
 CONTACT: ROB SEARCY
 FAX: (818) 898-9186
 E-MAIL: rob.searcy@cableeng.com

LAND SURVEYOR:
 CAL VADA SURVEYING, INC.
 411 JENKS CIR., SUITE 205;
 CORONA, CALIFORNIA 92880
 PHONE: (951) 280-9960
 FAX: (951) 280-9746

STRUCTURAL ENGINEER:
 N/A

THOMAS GUIDE
 REGION: LA
 PAGE: 566
 GRID #: H5

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF THE INSTALLATION AND OPERATION OF ANTENNAS AND ASSOCIATED EQUIPMENT FOR VERIZON'S PERSONAL COMMUNICATION SERVICES (PCS) WIRELESS TELECOMMUNICATIONS NETWORK. SCE TO REPLACE EXIST. 40'-0" WOOD POLE #291076E WITH A NEW 45'-0" (38'-6" AGL) CLASS (3) WOOD POLE #291076E. VERIZON WIRELESS TO PLACE A 15" DIA. x 24" TALL CANISTER ANTENNA WITH 12" SHROUD AND (1) RRUS 12 WITH (1) PSU AND (1)-10"x8"x6" WTR FUSE/SWITCH BOX ON NEW SITE POLE. VERIZON WIRELESS TO PLACE (1)-17"x30"x15" VZW FUSED SERVICE SWITCH/BREAKER (WTR) HANDHOLE, AND (1)-17"x30"x18" SCE FUSE SPLICE BOX (FSB) WTR HANDHOLE ON GRASS PARKWAY 30'± NORTHEAST OF SITE POLE.

COORDINATES LATITUDE: 34° 08' 31.07" N. LONGITUDE: 118° 04' 8.97" W.

PROJECT SUMMARY

OWNER:
 SCE CARRIER SOLUTIONS
 4900 RIVERGRADE RD.,
 BLDG. 2-B 1st FLOOR
 IRVINDALE, CA 91706

APPLICANT:
 VERIZON WIRELESS
 15505 SAND CANYON RD.
 IRVINE, CA 92618

ZONING:
 CABLE ENGINEERING SERVICES
 10640 SEPULVEDA BLVD. SUITE 1
 MISSION HILLS, CA. 91345
 PHONE: (818) 898-2352
 CONTACT: ROB SEARCY
 FAX: (818) 898-9186
 E-MAIL: rob.searcy@cableeng.com

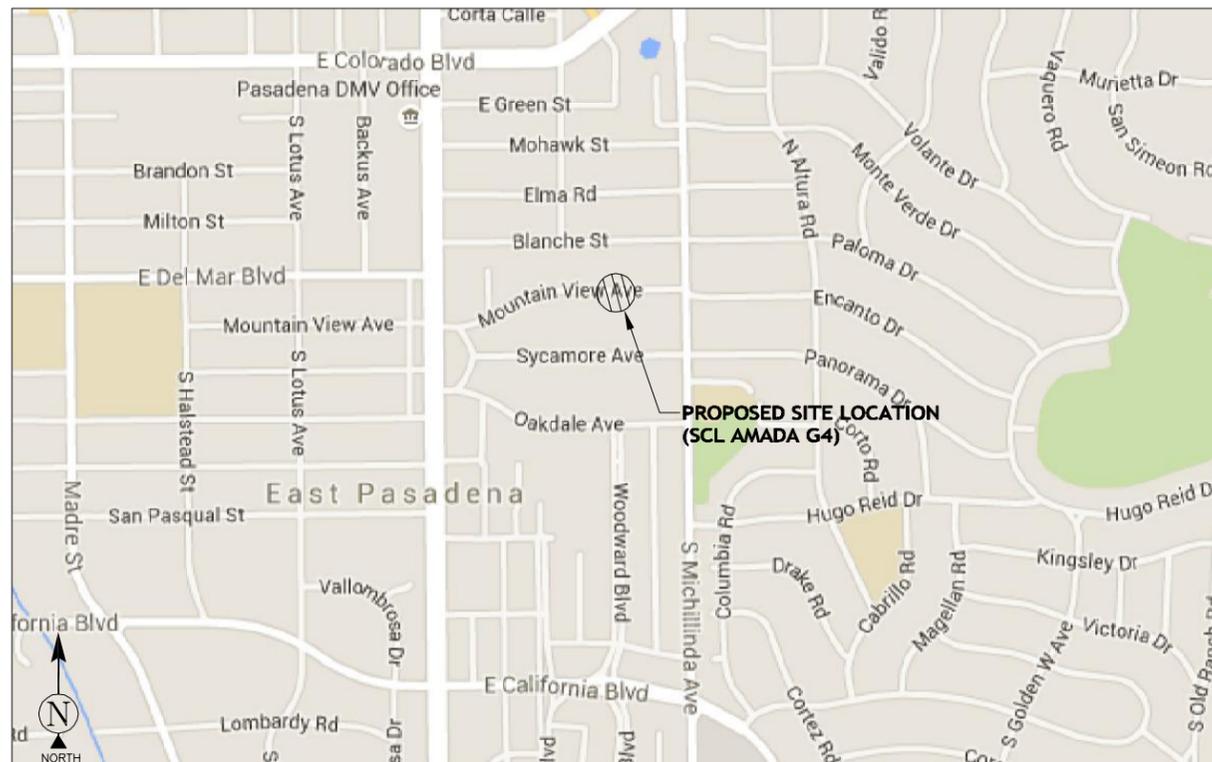
C.E.S. ENGINEER:
 CABLE ENGINEERING SERVICES
 10640 SEPULVEDA BLVD. SUITE 1
 MISSION HILLS, CA. 91345
 PHONE: (818) 898-2352
 CONTACT: TONY LEON
 FAX: (818) 898-9186
 E-MAIL: tony.leon@cableeng.com

APN#: N/A JURISDICTION: COUNTY OF LOS ANGELES

APPROVALS

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN.
 ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY IMPOSE.

	PRINT NAME	SIGNATURE	DATE
LANDLORD			
VERIZON MANAGER			
RF MANAGER			
SITE ACQUISITION			
AEC			
PLANNER			



VERIZON WIRELESS SITE LOCATION

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1
 C.E.S. DWG. NO. ATC15115_PA

UNDERGROUND UTILITIES NOTE:

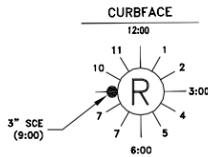
THE LOCATIONS AND EXISTENCE OF ANY UNDERGROUND PIPES, STRUCTURES OR CONDUITS SHOWN ON THIS PLAN WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. THERE MAY BE EX. UTILITIES OTHER THAN THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN ON THIS PLAN.

VERIZON WIRELESS CONTRACTOR TO PLACE
(1)-17"x30"x18" SCE FUSE SPLICE BOX (FSB) HANDHOLE #1.

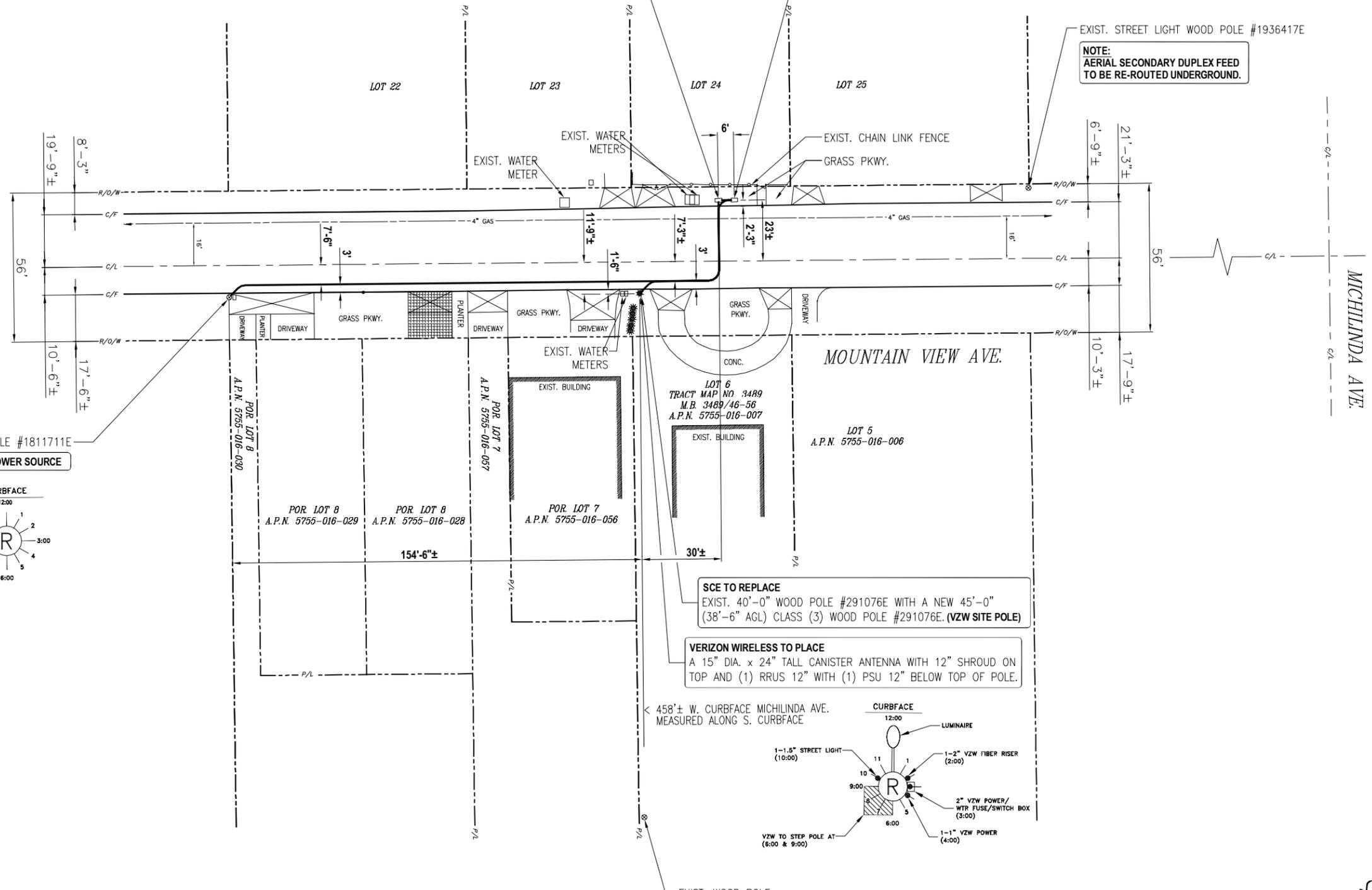
VERIZON WIRELESS CONTRACTOR TO PLACE
(1)-17"x30"x15" VZW FUSED SERVICE SWITCH/BREAKER (WTR) HANDHOLE #2.

NOTE:
AERIAL SECONDARY DUPLEX FEED TO BE RE-ROUTED UNDERGROUND.

VERIZON WIRELESS POWER SOURCE



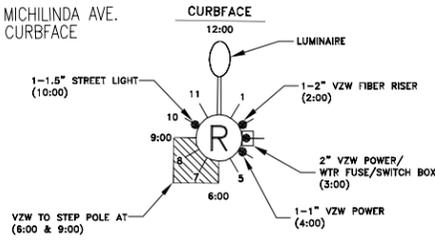
UTILITY LINE TYPE LEGEND:



SCE TO REPLACE
EXIST. 40'-0" WOOD POLE #291076E WITH A NEW 45'-0" (38'-6" AGL) CLASS (3) WOOD POLE #291076E. (VZW SITE POLE)

VERIZON WIRELESS TO PLACE
A 15" DIA. x 24" TALL CANISTER ANTENNA WITH 12" SHROUD ON TOP AND (1) RRUS 12" WITH (1) PSU 12" BELOW TOP OF POLE.

< 458'± W. CURBSIDE MICHILINDA AVE. MEASURED ALONG S. CURBSIDE



EXIST. WOOD POLE (EXIST. AERIAL SECONDARY DUPLEX FEED)

NOTE:
AERIAL SECONDARY DUPLEX FEED TO BE REMOVED ONCE NEW UNDERGROUND FEED HAS BEEN ESTABLISHED.



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C.E.S. PROJECT NO.:
10010825-15

STAMP:

SITE INFORMATION:
ISSUE DATE: 03-27-15
ENGINEERED BY: C.E.S.
DRAFTED BY: C.E.S.



PLANS PREPARED BY:
C&S cable engineering services
PRESCOTT COMMUNICATIONS INC.
10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
Phone No.: (818)898-2352 Fax No.: (818)898-9186

REVISIONS:	DATE	DESCRIPTION	DRAWN	QC	OSP
1	06-24-15	90% ZD	JL	JM	TL
2	09-03-15	ADDED PSU'S TO RRUS 12'S	EM	JM	MG
3	12-15-15	REVISED PER CITY COMMENTS, WTR, & (1) RRUS 12/PSU	JA	JM	MG

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
Z-1
C.E.S. DWG. NO. ATC15115_PA

UNDERGROUND UTILITIES NOTE:
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VERIZON WIRELESS CONTRACTOR TO PLACE
 (1)-17"x30"x18" SCE FUSE SPLICE BOX (FSB) HANDHOLE #1.

VERIZON WIRELESS CONTRACTOR TO PLACE
 (1)-17"x30"x15" VZW FUSED SERVICE SWITCH/BREAKER (WTR) HANDHOLE #2.

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STAMP:

SITE INFORMATION:
ISSUE DATE: 03-27-15

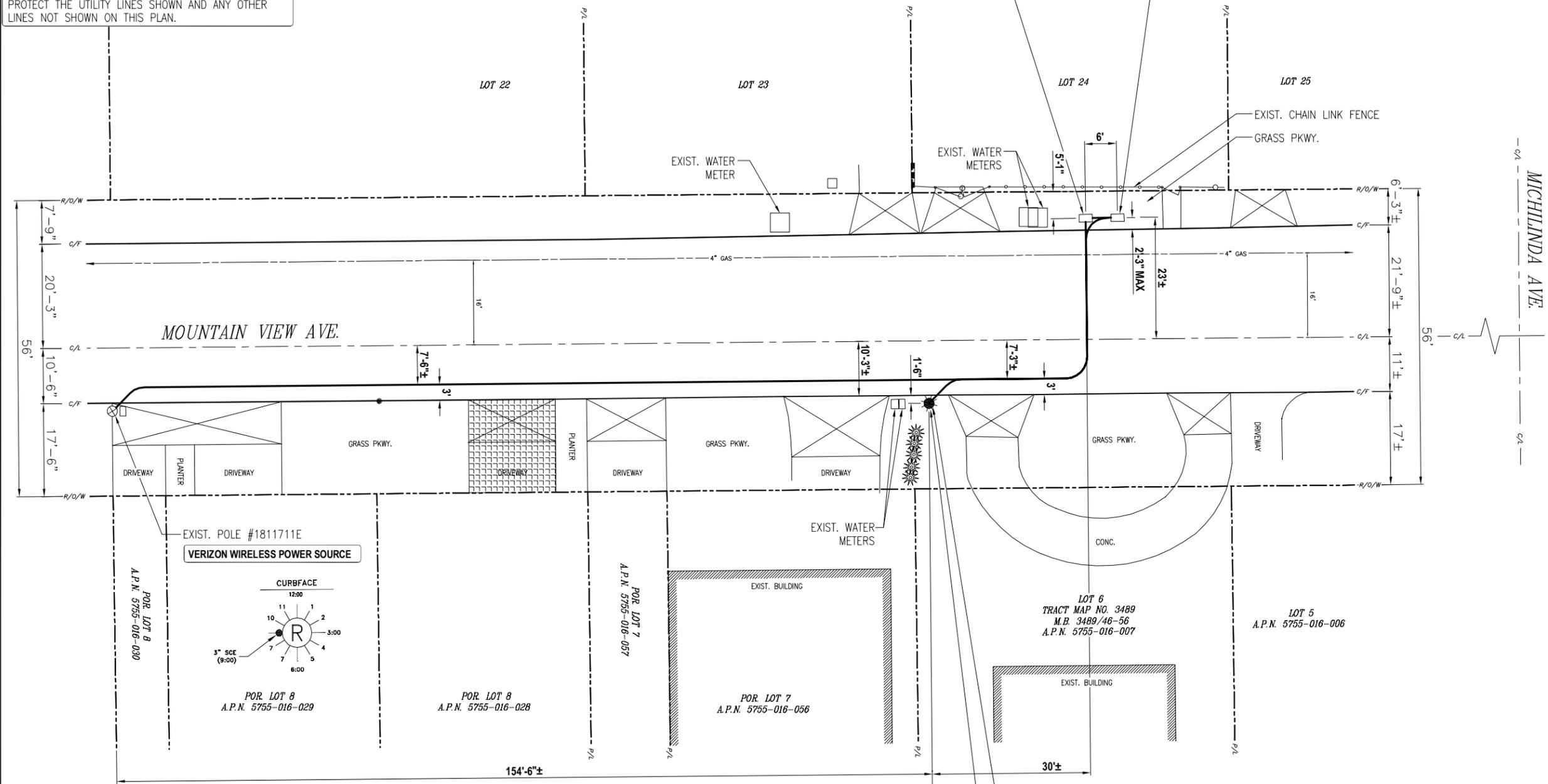
ENGINEERED BY:
 C.E.S.

DRAFTED BY:
 C.E.S.

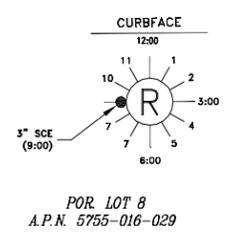


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CeS cable engineering services
 PRESCOTT COMMUNICATIONS INC.
 10640 Sepulveda Blvd. Suite 1, Mission Hills, CA 91345
 Phone No.: (818)898-2352 Fax No.: (818)898-9186

NO.	DATE	DESCRIPTION	DRAWN	CHECKED	DESIGNED
1	06-24-15	90% ZD	JL	JM	TL
2	09-03-15	ADDED PSU'S TO RRUS 12'S	EM	JM	MG
3	12-15-15	REVISED PER CITY COMMENTS, WTR, & (1) RRUS 12/PSU	JA	JM	MG



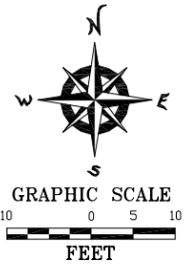
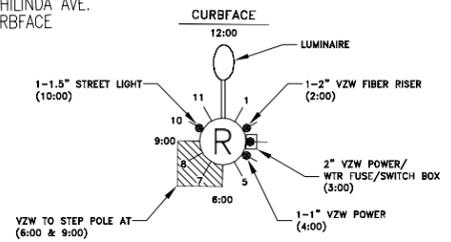
VERIZON WIRELESS POWER SOURCE



SCE TO REPLACE
 EXIST. 40'-0" WOOD POLE #291076E WITH A NEW 45'-0" (38'-6" AGL) CLASS (3) WOOD POLE #291076E. (VZW SITE POLE)

VERIZON WIRELESS TO PLACE
 A 15" DIA. x 24" TALL CANISTER ANTENNA WITH 12" SHROUD ON TOP AND (1) RRUS 12" WITH (1) PSU 12" BELOW TOP OF POLE.

< 458'± W. CURBSIDE MICHILINDA AVE. MEASURED ALONG S. CURBSIDE



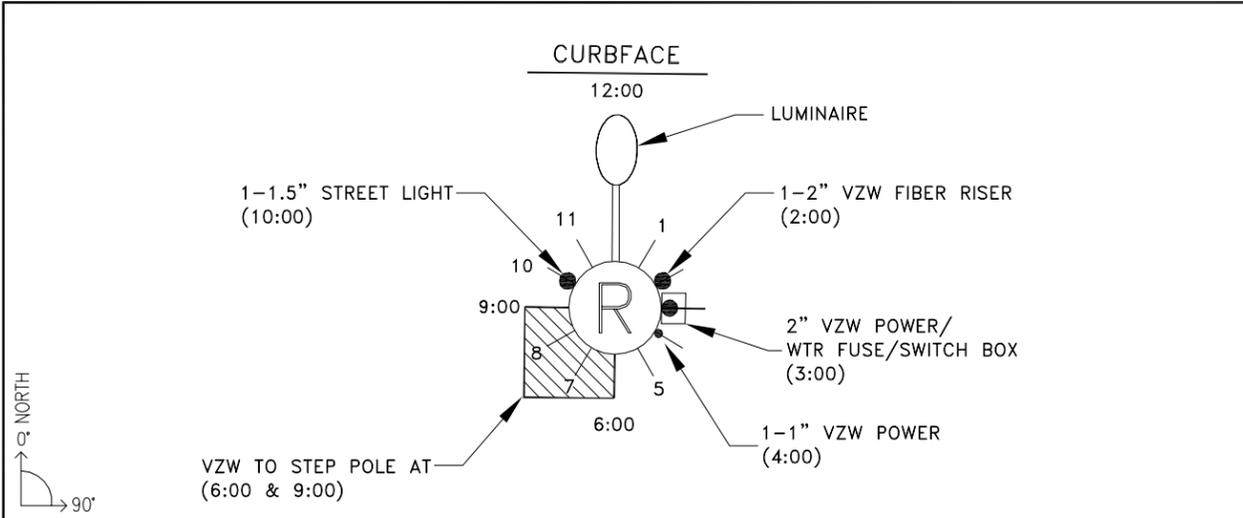
UTILITY LINE TYPE LEGEND:

—	PROPOSED CONDUIT
—	POWER
—	GAS
—	WATER
—	PHONE
—	STREET LIGHT
—	OIL
—	SEWER
—	CABLE TV
—	STORM DRAIN



SHEET TITLE:
PLAN VIEW

SHEET NUMBER:
Z-2
 C.E.S. DWG. NO. ATC15115_PA



VERIZON WIRELESS SITE POLE #291076E/MAKE READY INFORMATION (MOUNTAIN VIEW AVE. SOUTH SIDE 458'± WEST OF MICHILINDA AVE.)

- A. SCE TO REPLACE EXIST. 40'-0" WOOD POLE #291076E WITH A NEW 45'-0" (38'-6" AGL) CLASS (3) WOOD POLE #291076E AT SAME LOCATION.
- B. SCE TO TRANSFER EXIST. ST. LIGHT TO NEW POLE AT SAME GRADE.
- C. SCE TO RE-ROUTE EXIST. AERIAL SECONDARY DUPLEX FEED UNDERGROUND AND PLACE 1-1.5" STREET LIGHT AT 10:00.
- D. VZW TO PLACE A 24" CANISTER ANTENNA WITH A 12" SHROUD AT TOP OF NEW POLE.
- F. VZW TO FLUSH MOUNT (1) RRUS 12 WITH (1) PSU 12" BELOW CANISTER ANTENNA.
- G. VZW TO PLACE 1-2" VZW POWER RISER AND VZW WTR FUSE/SWITCH BOX AT 3:00.
- H. VZW TO PLACE 1-1" VZW POWER AT 4:00 AND 1-2" VZW FIBER AT 2:00.
- I. VZW TO STEP POLE AT 6:00 AND 9:00.

NOTE TO CONTRACTOR:
REVIEW SITE POLE MAKEREADY INFORMATION PRIOR TO POLE CONSTRUCTION.

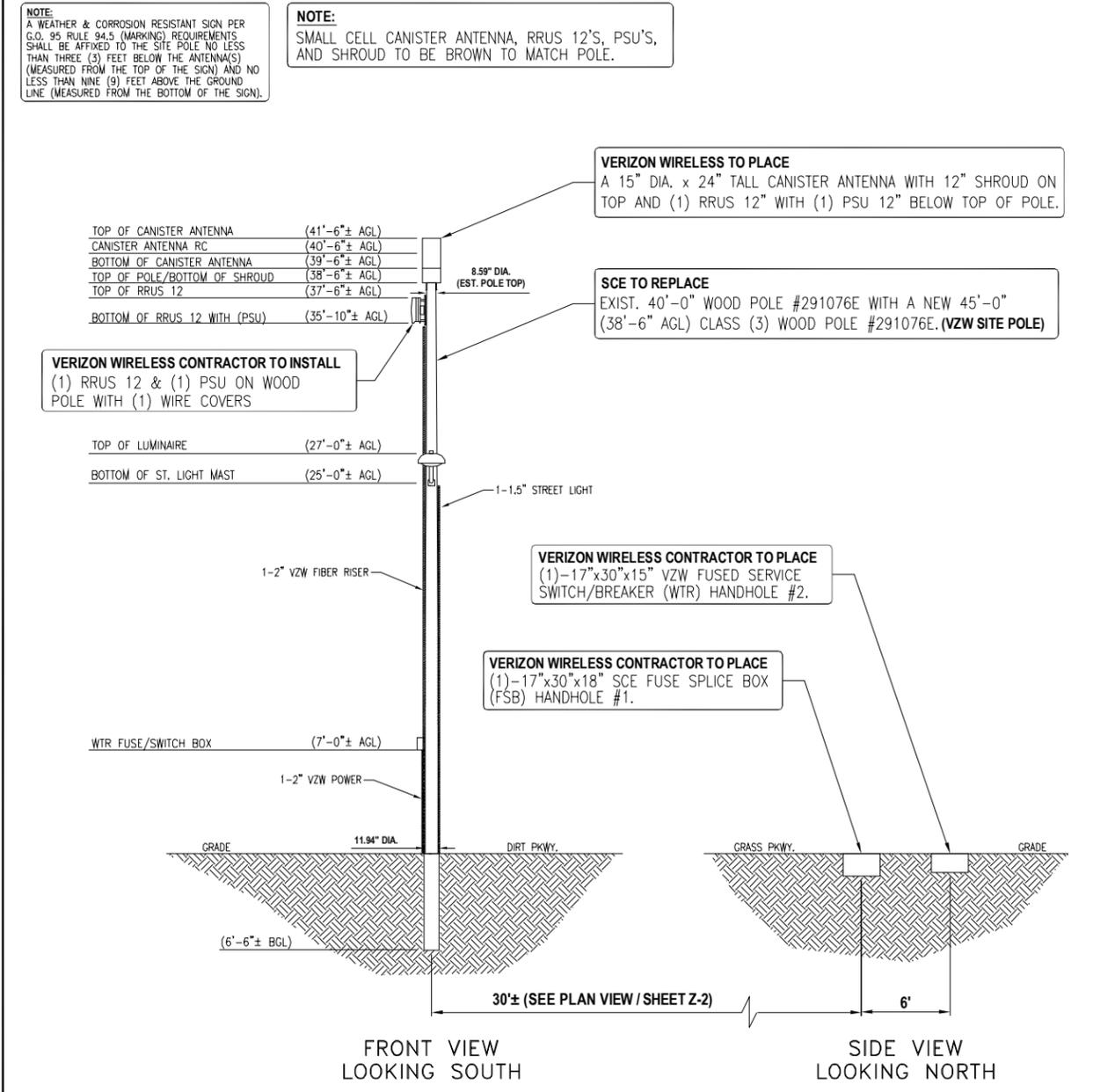
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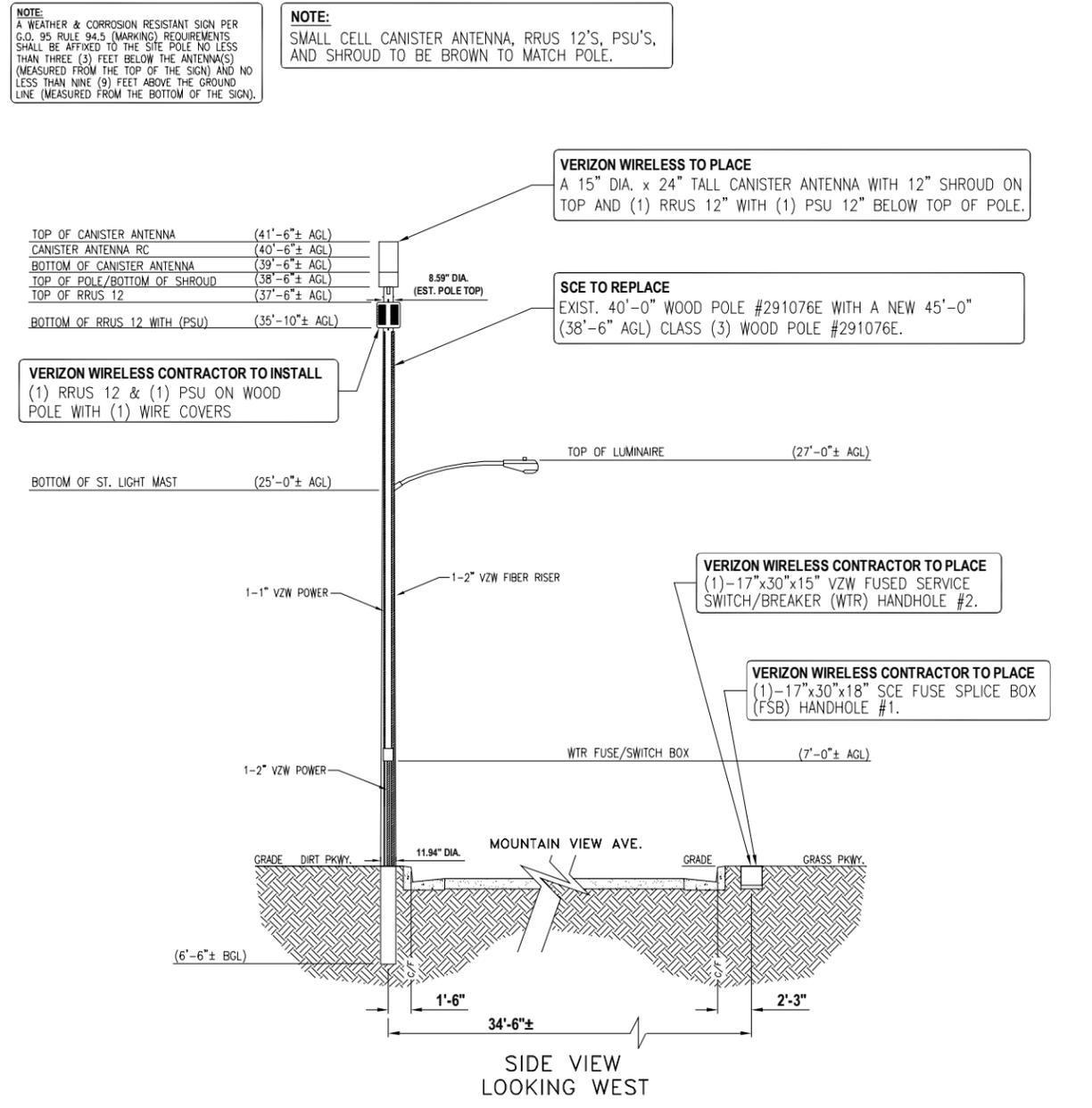
C.E.S. PROJECT NO.:
10010825-15

SCALE: 1
N.T.S.

RISER DETAIL SCALE: 1 N.T.S.



MAKE READY INFORMATION SCALE: 2 N.T.S.



SITE INFORMATION:
ISSUE DATE: 03-27-15
ENGINEERED BY: C.E.S.
DRAFTED BY: C.E.S.

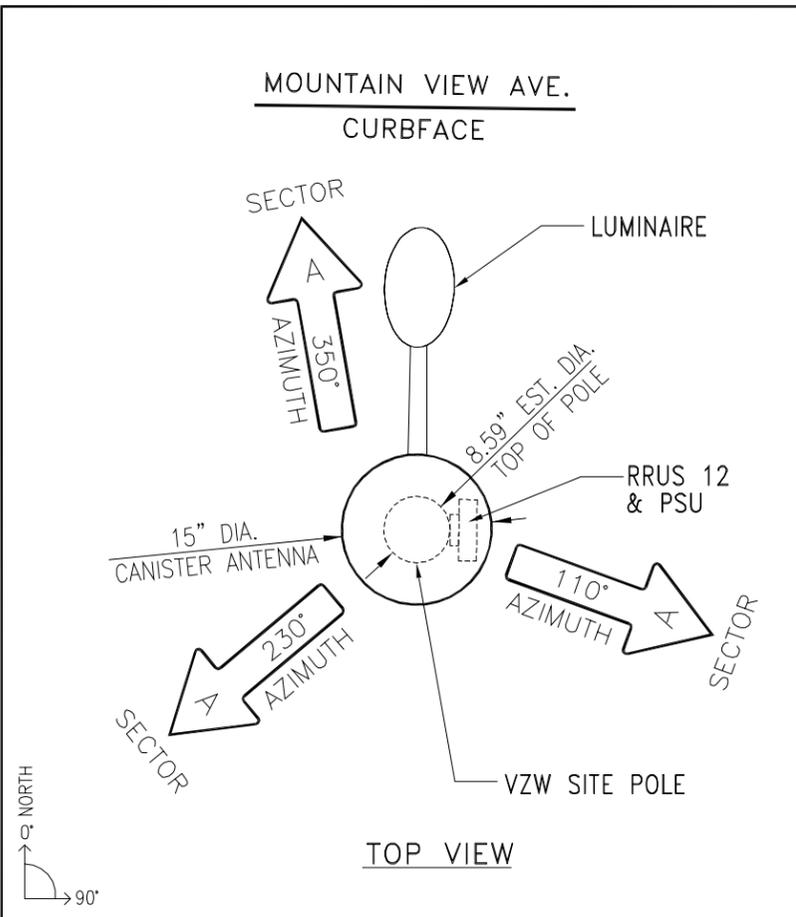


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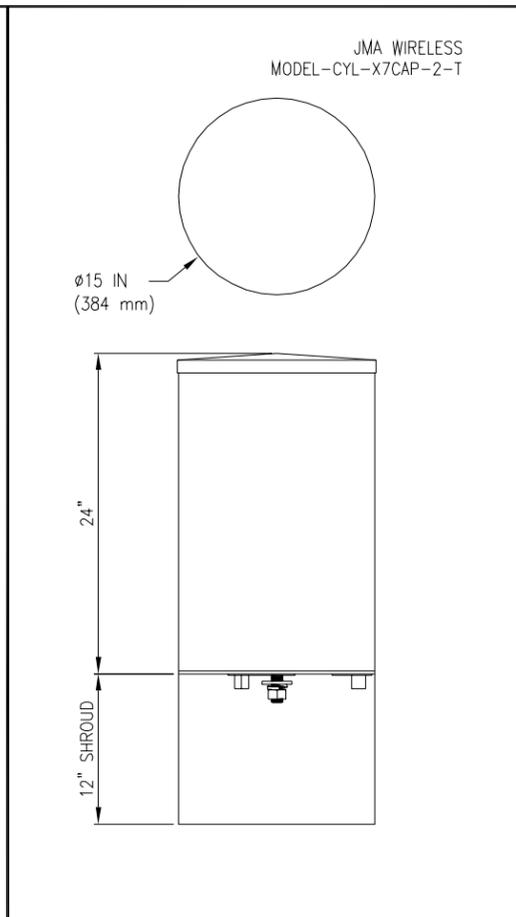
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SHEET TITLE:
POLE INFORMATION & ELEVATIONS

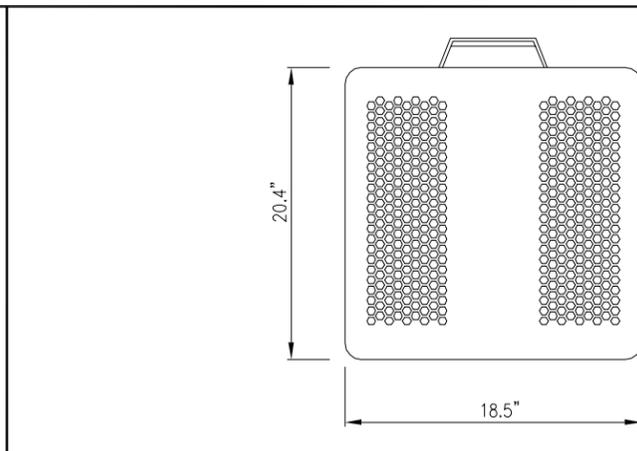
SHEET NUMBER:
Z-3
C.E.S. DWG. NO. ATC15115_PA



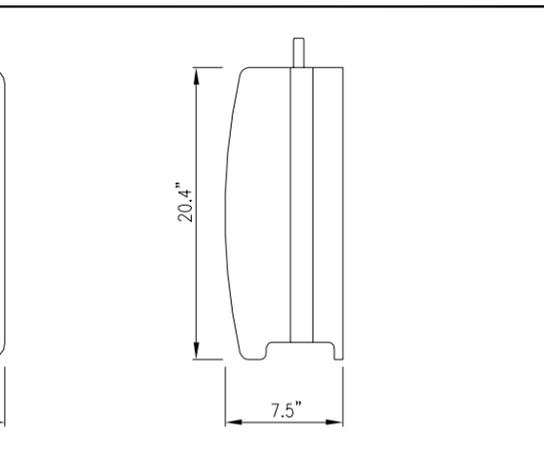
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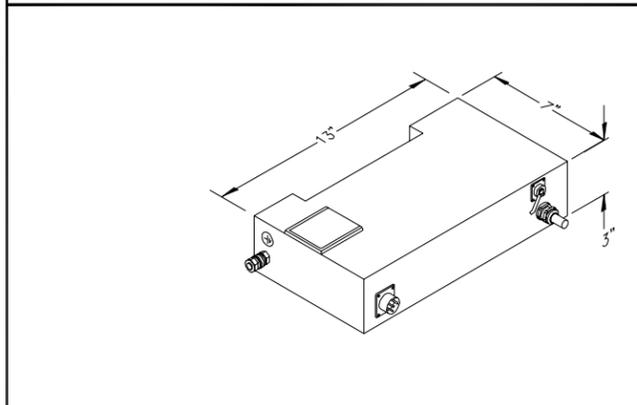
CANISTER ANTENNA DETAIL SCALE: N.T.S. 2



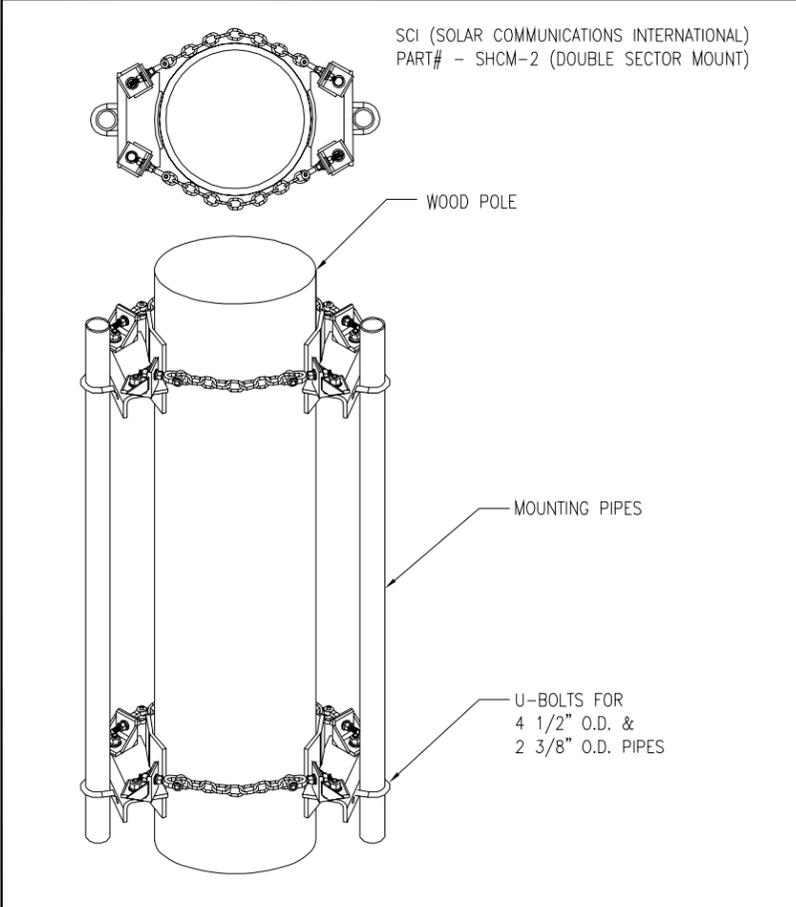
RRUS 12 DETAIL SCALE: N.T.S. 3



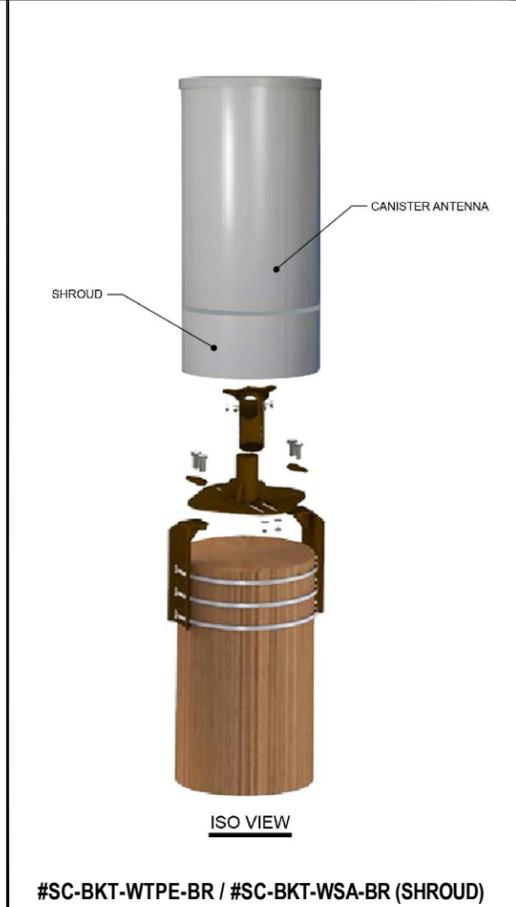
RRUS 12 MOUNTING HARDWARE SCALE: N.T.S. 5



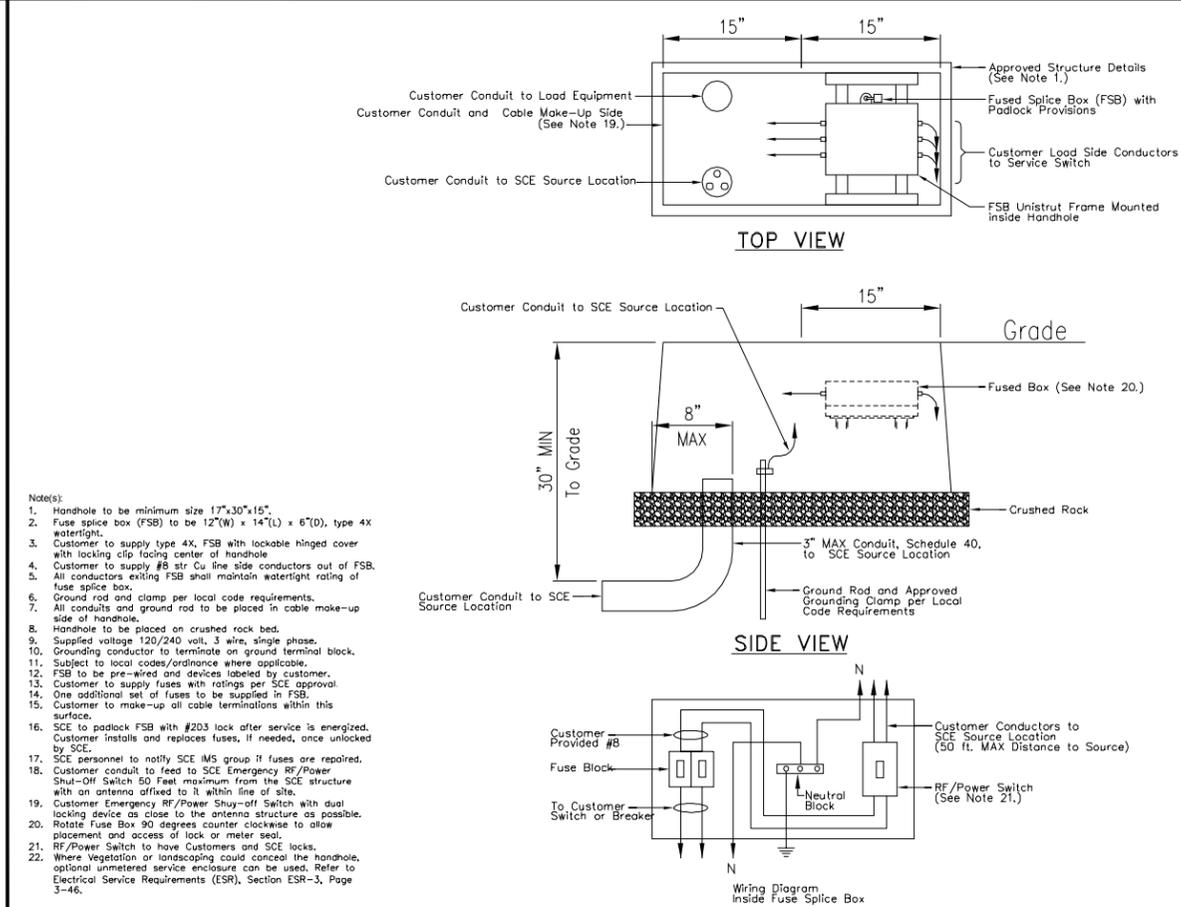
PSU AC 02 DETAIL (ISOMETRIC VIEW) SCALE: N.T.S. 4



DOUBLE CHAIN MOUNT SCALE: N.T.S. 6



WIDE DIAMETER POLE TOP MOUNT SCALE: N.T.S. 7



SCE WTR UG FUSE BOX SPECS DETAIL SCALE: N.T.S. 8

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3	12-15-15	REVISED PER CITY COMMENTS, WTR, & (1) RRUS 12/PSU	JA	JM	MG

SHEET TITLE:
EQUIPMENT DETAILS

SHEET NUMBER:
Z-4
C.E.S. DWG. NO. ATC15115_PA

