

Full Size or Largest Size
(site plan, landscape, elevations)

verizon

SITE NAME: PHO PREAMBLE
SITE ADDRESS: 14724 N. 90TH ST.
 SCOTTSDALE, ARIZONA 85260
COUNTY: MARICOPA

SITE PHOTO



CLIENT
verizon
 126 W. GEMINI DRIVE
 TEMPE, AZ 85263

INTERNAL REVIEW

CONSTRUCTION SIGNATURE | DATE

RF SIGNATURE | DATE

REAL ESTATE SIGNATURE | DATE

CONSULTANT
COAL CREEK CONSULTING
 2166 E. UNIVERSITY DR., STE. 201
 TEMPE, ARIZONA 85281
 PHONE: (602) 429-0533 FAX: (480) 638-2852
 ENGINEER OF RECORD

SEAL

CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUCTED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

2015 INTERNATIONAL BUILDING CODE
 2015 INTERNATIONAL MECHANICAL CODE
 2014 NATIONAL ELECTRICAL CODE/NFPA-70

ACCESSIBILITY REQUIREMENTS:

THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE CURRENT INTERNATIONAL BUILDING CODE.

PROJECT SUMMARY

JURISDICTION: CITY OF SCOTTSDALE
 APN: 217-15-0308
 ZONING: I-1
 LAT: 33°37'13.16"N (NAVD83) 33.620322
 LONG: 111°53'13.55"W (NAVD83) -111.887097
 GROUND ELEV: 1473.3' (NAVD88)
 LEASE AREA: 161 S.F.
 TECH PARKING: (1) NEW NON-EXCLUSIVE

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF THE FOLLOWING:
 REMOVE (2) EXISTING SHRUBS
 ADD (2) NEW SHRUBS TO MATCH EXISTING
 ADD A 10' HIGH BLOCK WALL TO MATCH EXISTING
 ADD (1) 4'X7' HOLLOW CORE METAL DOOR WITH LOCKABLE HASP
 ADD A 200 AMP METER
 ADD A 200 AMP DISCONNECT
 ADD A NEMA 4 FIBER CABINET
 ADD A INTEGRATED LOAD CENTER
 ADD A 4'-0" X 10'-0" CONCRETE SLAB
 ADD (2) EQUIPMENT CABINETS
 ADD (2) 4" UNDERGROUND CONDUITS TO RRH LOCATION
 ADD (1) HYBRID CABLE UNDERGROUND 95'± TO RRH LOCATION
 ADD A 4'X8' MESH SCREENED RRH ENCLOSURE
 ADD AN H-FRAME WITH (6) RRH'S
 ADD (18) 7/8" COAX CABLES UNDERGROUND 25'± TO ANTENNAS
 ADD A DOG-HOUSE AT BASE OF POLE.
 ADD A 40" SPACER
 ADD AN APS ANTENNA MOUNT
 ADD (6) ANTENNAS, (2) PER SECTOR
 ADD (9) DIPLEXERS, (3) PER SECTOR.

NOTE:
 PRIOR TO ANY CONSTRUCTION,
 SCHEDULE A PRE-CONSTRUCTION
 MEETING WITH INSPECTION SERVICES
 BY CALLING (480) 312-5750

PROJECT TEAM

CLIENT:
 VERIZON WIRELESS
 126 W. GEMINI DR.
 TEMPE, AZ 85283
 CONTACT: RICK MIRANDA
 PHONE: (602) 390-9844

PROPERTY OWNER:
 ARIZONA PUBLIC SERVICE
 P.O. BOX 53999, STA. 9505
 PHOENIX, ARIZONA 85072
 CONTACT: BRIAN THOMPSON
 PHONE: (602) 418-8971

SITE ACQ. CONSULTANT:
 COAL CREEK CONSULTING
 2166 E. UNIVERSITY DR., STE 201
 TEMPE, ARIZONA 85281
 CONTACT: JIM CACIOLA
 PHONE: (602) 405-3550

A&E DESIGN:
 COAL CREEK CONSULTING
 2166 E. UNIVERSITY DR., STE 201
 TEMPE, ARIZONA 85281
 CONTACT: SHAWN EVANS
 PHONE (602) 758-5829

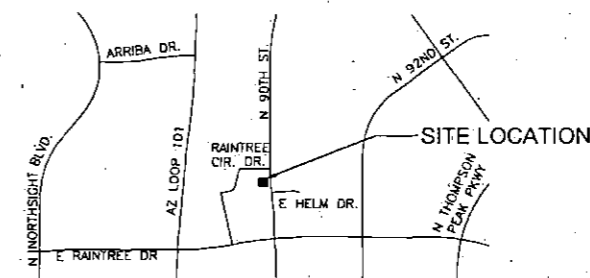
SURVEYOR:
 AMBIT CONSULTING
 412 E. SOUTHERN AVE.
 TEMPE, ARIZONA 85282
 CONTACT: MATTHEW FORD
 PHONE (480) 659-4072

SHEET INDEX

T-1 TITLE SHEET, VICINITY MAP & GENERAL INFO.
 LS-1 OVERALL SITE
 LS-2 SURVEY DETAIL

ZONING:
 Z-1 OVERALL SITE PLAN
 Z-2 SITE PLAN
 Z-3 ENLARGED SITE/ DIMENSION PLAN AND DETAILS
 Z-4 ELEVATION
 Z-5 ELEVATION

VICINITY MAP



DRIVING DIRECTIONS

FROM 126 W. GEMINI DR. IN TEMPE:
 TAKE GUADALUPE RD. EAST TO THE AZ LOOP 101 N. AND EXIT ON RAIN TREE DR. AND TAKE A RIGHT TO 90TH ST.
 AND TAKE A LEFT AND THE SITE WILL BE AT THE SUBSTATION ON THE LEFT SIDE OF THE ROAD.

NO.	DATE	DESCRIPTION	BY
4	07/24/18	REVISION 3	SPE
5	08/31/18	REVISION 4	SPE
6	10/30/18	REVISION 5	SPE
7	11/15/18	SUBMITTAL	SPE

PROJECT INFORMATION
 JOB: 08-237-03

PHO PREAMBLE

14724 N. 90TH ST.
 SCOTTSDALE, ARIZONA 85260

SHEET TITLE:

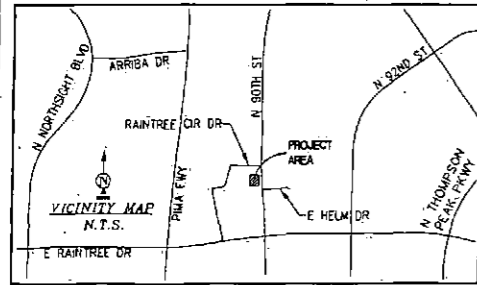
**TITLE SHEET, VICINITY
 MAP & GENERAL
 INFORMATION**

JURISDICTIONAL APPROVAL

SHEET NUMBER

T-1

56-DR-2018
 11/30/18



SURVEY DATE
06/14/2018

BASIS OF BEARING

BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM, ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.

BENCHMARK

PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12B" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD83.

UTILITY NOTES

SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. 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.

FLOOD_ZONE

THIS PROJECT APPEARS TO BE LOCATED WITHIN "OTHER FLOOD AREA'S ZONE X" ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP NO. 04013C1760L, DATED 10/16/2013.

SURVEYOR'S NOTES

SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE ISSUED.

THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.

LESSOR'S LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE COUNTY OF MARICOPA, STATE OF ARIZONA, AND IS DESCRIBED AS FOLLOWS:

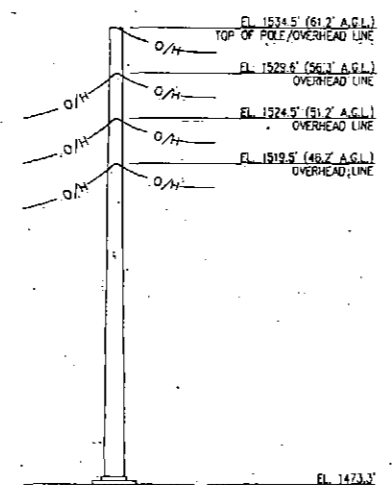
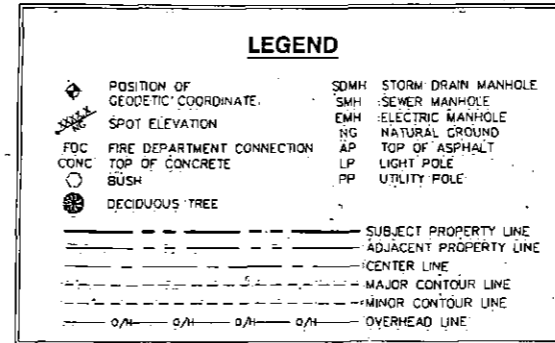
THE EAST 396 FEET OF LOT SEVENTEEN (17), SECTION 7, TOWNSHIP 3 NORTH, RANGE 5 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

EXCEPT ALL COAL, OIL, GAS AND OTHER MINERALS AND ALL URANIUM, THORIUM, OR ANY OTHER MATERIAL WHICH IS OR MAY BE DETERMINED TO BE PECULIARLY ESSENTIAL TO THE PRODUCTION OF FISSIONABLE MATERIALS, WHETHER OR NOT OF COMMERCIAL VALUE, AS RESERVED IN PATENT FROM UNITED STATES OF AMERICA.

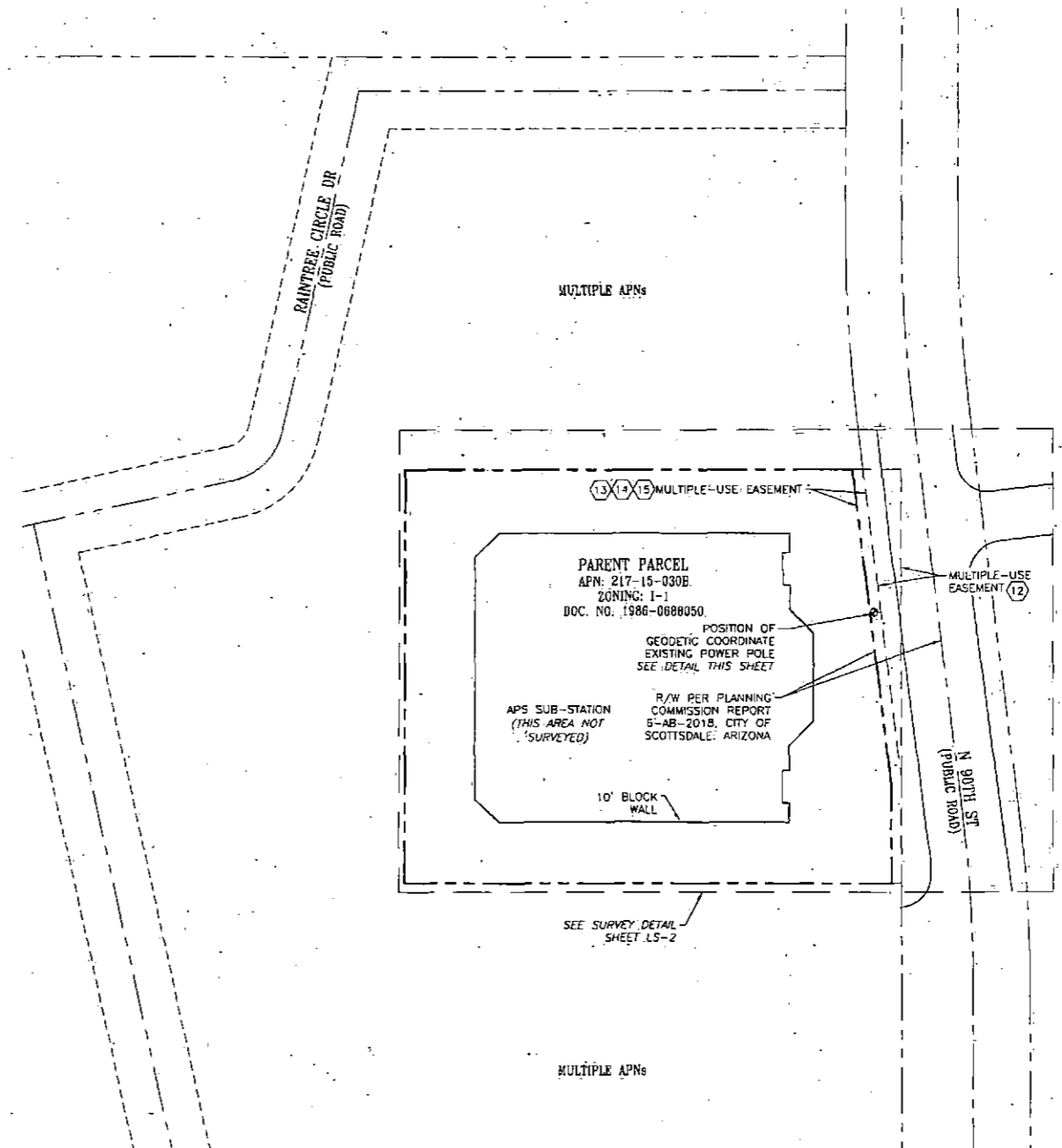
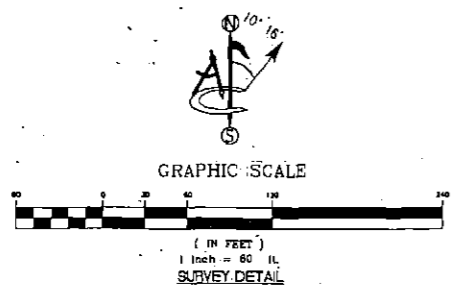
NOTES CORRESPONDING TO MATTERS OF RECORD

REFERENCE IS MADE TO FIRST AMERICAN TITLE COMMITMENT NO. 21801171-099-COM, DATED MAY 28, 2018. ALL EASEMENTS CONTAINED WITHIN SAID TITLE REPORT AFFECTING THE IMMEDIATE AREA SURROUNDING THE LEASE HAVE BEEN PLOTTED. ITEMS 1-3 & 7-10 ARE NOT SURVEY ITEMS.

4. EASEMENTS, LIENS OR ENCUMBRANCES, OR CLAIMS THEREOF, NOT SHOWN BY THE PUBLIC RECORDS.
(NOT PLOTTABLE - EXACT LOCATION NOT PROVIDED)
5. DISCREPANCIES, CONFLICTS IN BOUNDARY LINES, SHORTAGE IN AREA, ENCROACHMENTS, OR ANY OTHER FACTS WHICH A CORRECT SURVEY WOULD DISCLOSE, AND WHICH ARE NOT SHOWN BY THE PUBLIC RECORDS.
(NOT PLOTTABLE - EXACT LOCATION NOT PROVIDED)
6. (A) UNPATENTED MINING CLAIMS; (B) RESERVATIONS OR EXCEPTIONS IN PATENTS OR IN ACTS AUTHORIZING THE ISSUANCE THEREOF; (C) WATER RIGHTS, CLAIMS OR TITLE TO WATER, WHETHER OR NOT THE MATTERS EXCEPTED UNDER (A), (B), OR (C) ARE SHOWN BY THE PUBLIC RECORDS.
(NOT PLOTTABLE - EXACT LOCATION NOT PROVIDED)
11. AN EASEMENT FOR ROADWAY AND PUBLIC UTILITIES AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN DOCKET 10305, PAGE 231 OF OFFICIAL RECORDS.
(NOT PLOTTABLE - PROVIDED DOCUMENT IS ILLIGIBLE)
12. AN EASEMENT FOR PUBLIC UTILITY LINES AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 89-111467 OF OFFICIAL RECORDS.
(SHOWN HEREON)
13. AN EASEMENT FOR MULTI-USE PUBLIC TRAIL EASEMENT AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 98-1096691 OF OFFICIAL RECORDS.
(SHOWN HEREON)
14. AN EASEMENT FOR DRAINAGE AND FLOOD CONTROL AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 98-1096692 OF OFFICIAL RECORDS.
(SHOWN HEREON)
15. AN EASEMENT FOR SIGHT DISTANCE AND ALL OTHER MATTERS AS SET FORTH THEREIN, RECORDED IN 98-1096693 OF OFFICIAL RECORDS.
(SHOWN HEREON)



POSITION OF GEODETIC COORDINATES
LATITUDE 33°37'13.16" (33.620322) NORTH (NAD83)
LONGITUDE 111°53'13.55" (111.887097) WEST (NAD83)
GROUND ELEVATION 1473.3' (NAVD83)



verizon
126 WEST GEMINI DRIVE
TEMPE, ARIZONA 85283
PHONE: (480) 752-7238

PROJECT INFORMATION:
PHO PREAMBLE
14724 N 90TH ST
SCOTTSDALE, AZ 85260
MARICOPA COUNTY

ORIGINAL ISSUE DATE:
06/23/2018

REV.	DATE	DESCRIPTION	BY
0	06/23/2018	PRELIMINARY	LO
1	06/28/2018	COMMENTS (A)	NS
2	07/03/18	LOCATE (C)	SB
3	10/24/18	REVISE R/W (C)	CK

PROJECT COORDINATION:
COAL CREEK CONSULTING
2166 E. UNIVERSITY DRIVE, SUITE #201
TEMPE, AZ 85281
PH: (602) 326-0011
FAX: (602) 532-7407

SURVEY PREPARED BY:
ambit consulting
410 E. SOUTHERN AVE
TEMPE, ARIZONA 85282
PH: (480) 655-4072
www.ambitconsulting.us

DRAWN BY: _____ CHK.: _____ APV.: _____
LO NS XX

LICENSER:
SHEET TITLE:
OVERALL SITE

SHEET NUMBER:
LS-1

verizon


126 WEST GEMINI DRIVE
TEMPE, ARIZONA 85285
PHONE: (480) 752-7238

PROJECT INFORMATION:
PHO PREAMBLE
14724 N 90TH ST
SCOTTSDALE, AZ 85260
MARICOPA COUNTY

ORIGINAL ISSUE DATE:
06/23/2018

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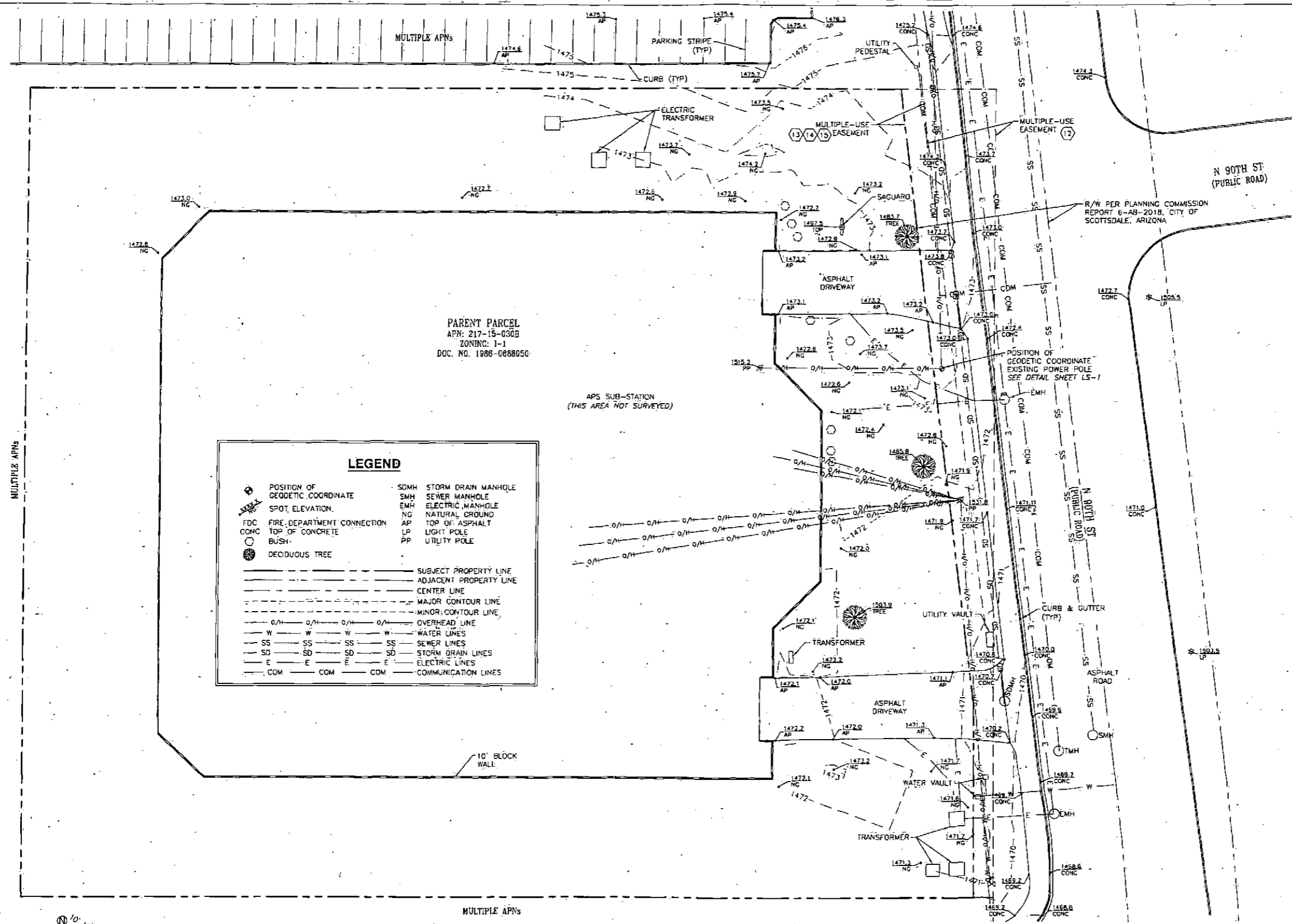
PROJECT COORDINATION:
COAL CREEK CONSULTING
2166 E. UNIVERSITY DRIVE, SUITE #201
TEMPE, AZ 85281
PH: (602) 326-0011
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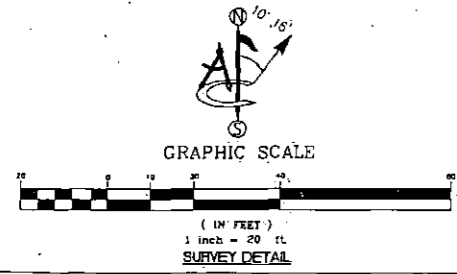
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SHEET TITLE:
SURVEY DETAIL

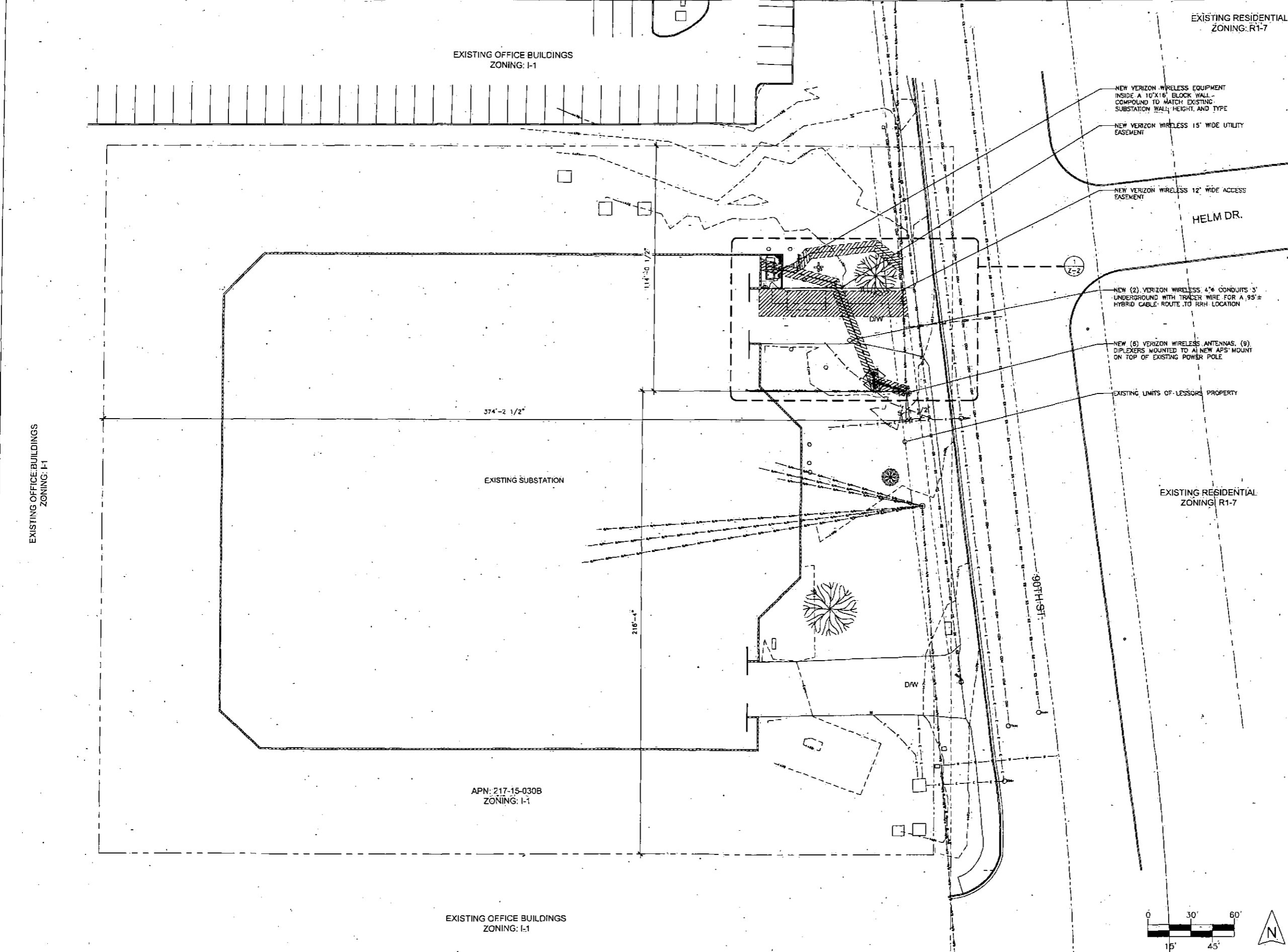
SHEET NUMBER:
LS-2



LEGEND

	POSITION OF GEODETIC COORDINATE		SOMH STORM DRAIN MANHOLE
	SPOT ELEVATION		SMH SEWER MANHOLE
	FDC FIRE DEPARTMENT CONNECTION		EMH ELECTRIC MANHOLE
	CONC TOP OF CONCRETE		NG NATURAL GROUND
	BUSH		AP TOP OF ASPHALT
	DECIDUOUS TREE		LP LIGHT POLE
	PP UTILITY POLE		SUBJECT PROPERTY LINE
	ADJACENT PROPERTY LINE		CENTER LINE
	MAJOR CONTOUR LINE		MINOR CONTOUR LINE
	OVERHEAD LINE		W WATER LINES
	W WATER LINES		SS SEWER LINES
	SS SEWER LINES		SD STORM DRAIN LINES
	SD STORM DRAIN LINES		E ELECTRIC LINES
	E ELECTRIC LINES		COM COMMUNICATION LINES





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126 W. GEMINI DRIVE
TEMPE, AZ 85263

INTERNAL REVIEW

CONSTRUCTION SIGNATURE [] DATE

RF SIGNATURE [] DATE

REAL ESTATE SIGNATURE [] DATE

CONSULTANT

COAL CREEK CONSULTING

2166 E. UNIVERSITY DR., STE 201
TEMPE, ARIZONA 85281
PHONE: (602) 429-0533 FAX: (480) 639-2852

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SEAL

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7	11/15/18	SUBMITTAL	SPE

PROJECT INFORMATION
JOB: 06-237-03

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SCOTTSDALE, ARIZONA 85260

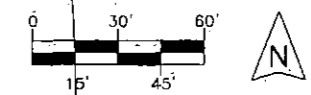
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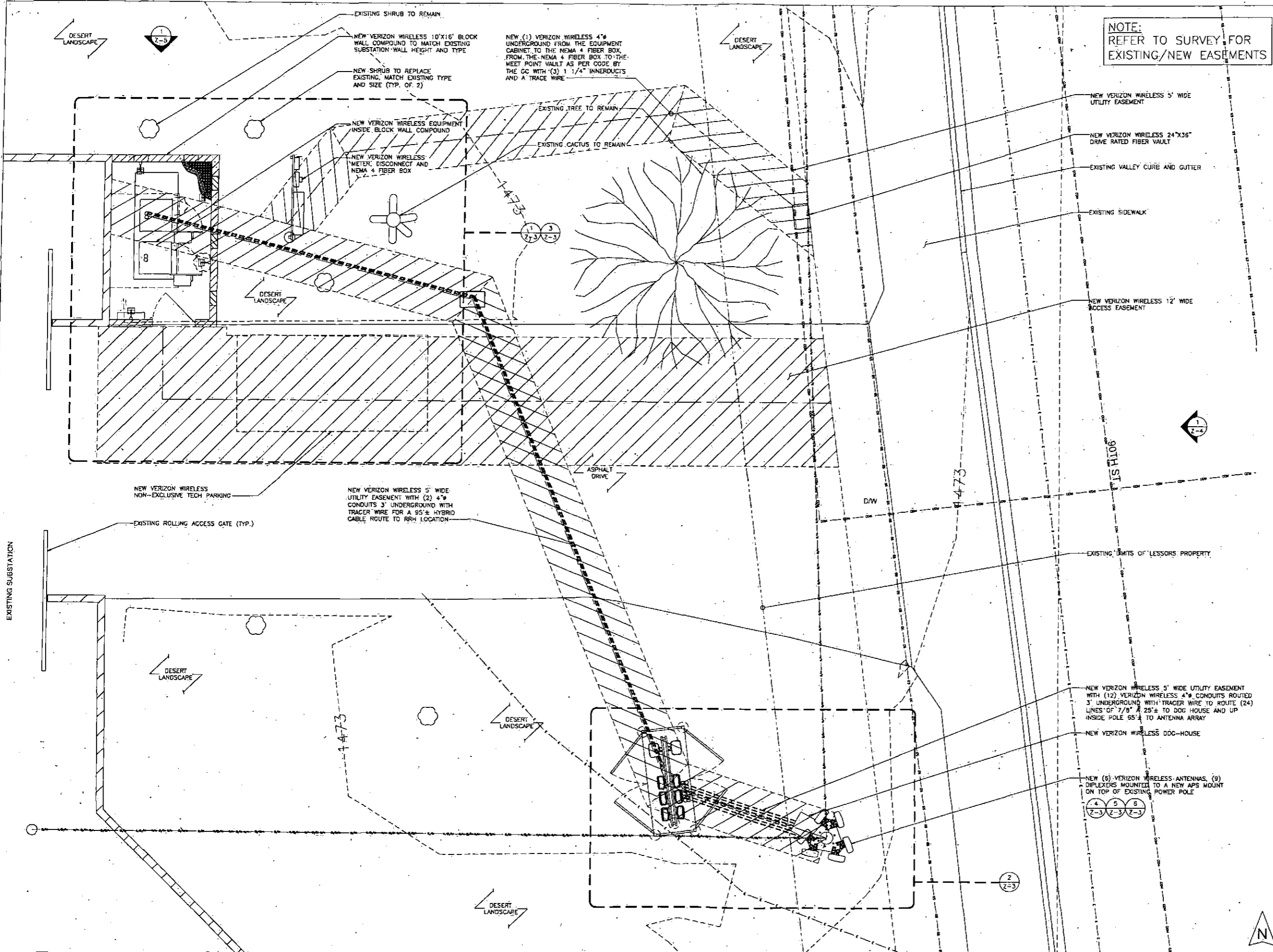
OVERALL SITE PLAN

JURISDICTIONAL APPROVAL

SHEET NUMBER

Z-1





NOTE:
REFER TO SURVEY FOR
EXISTING/NEW EASEMENTS

CLIENT

verizon

126 W. GEMINI DRIVE
TEMPE, AZ 85283

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CONSULTANT

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PROJECT INFORMATION
JOB: 06-237-03

PHO PREAMBLE

14724 N. 90TH ST.
SCOTTSDALE, ARIZONA 85280

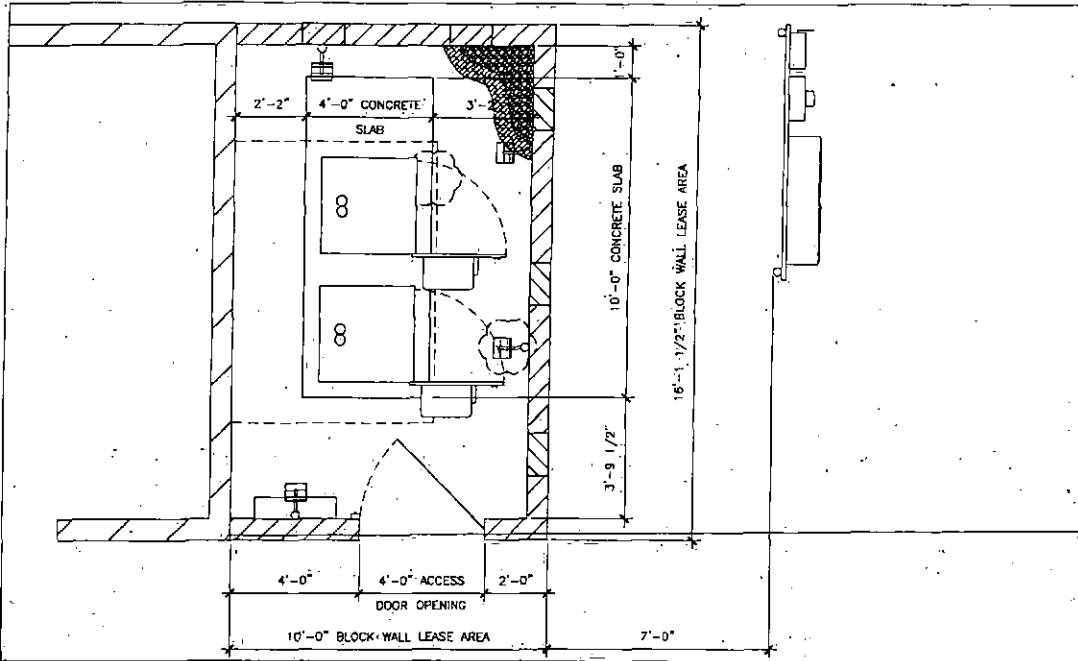
SHEET TITLE

SITE PLAN

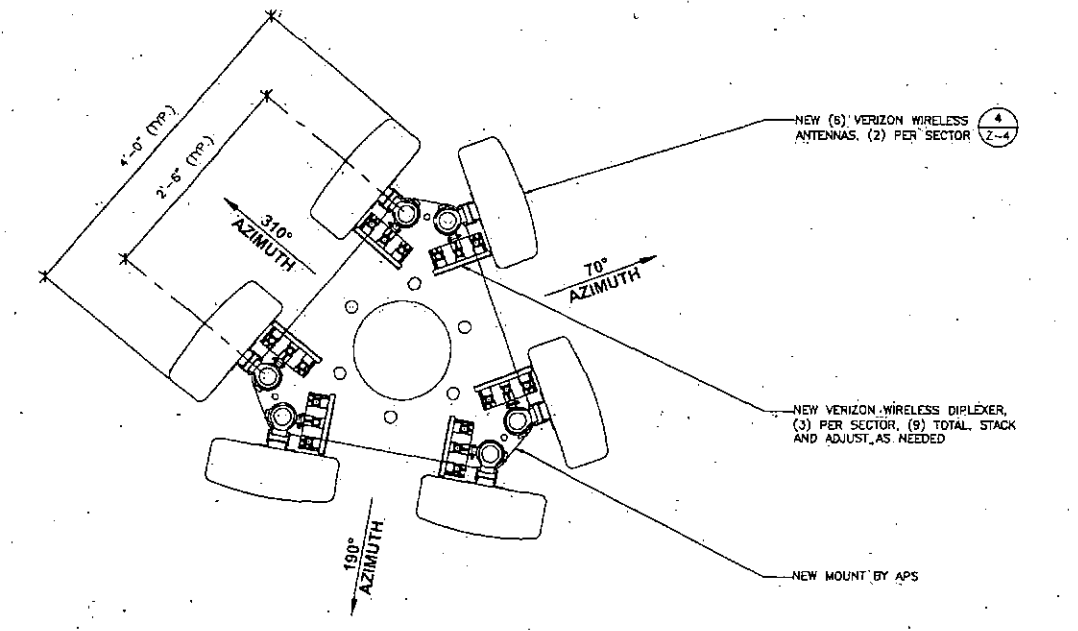
JURISDICTIONAL APPROVAL

SHEET NUMBER

Z-2



ENLARGED DIMENSION PLAN SCALE: N.T.S. 3



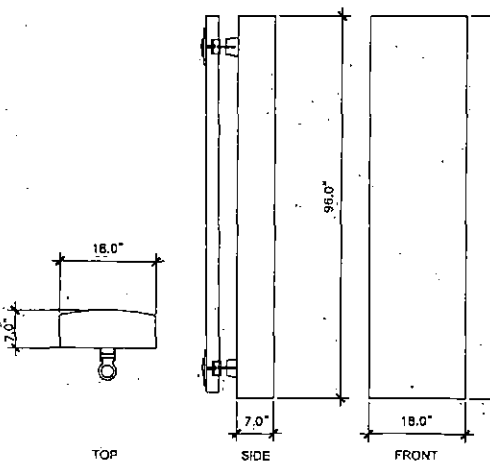
NEW ANTENNA PLAN SCALE: N.T.S. 4

HYBRID CABLE TABLE

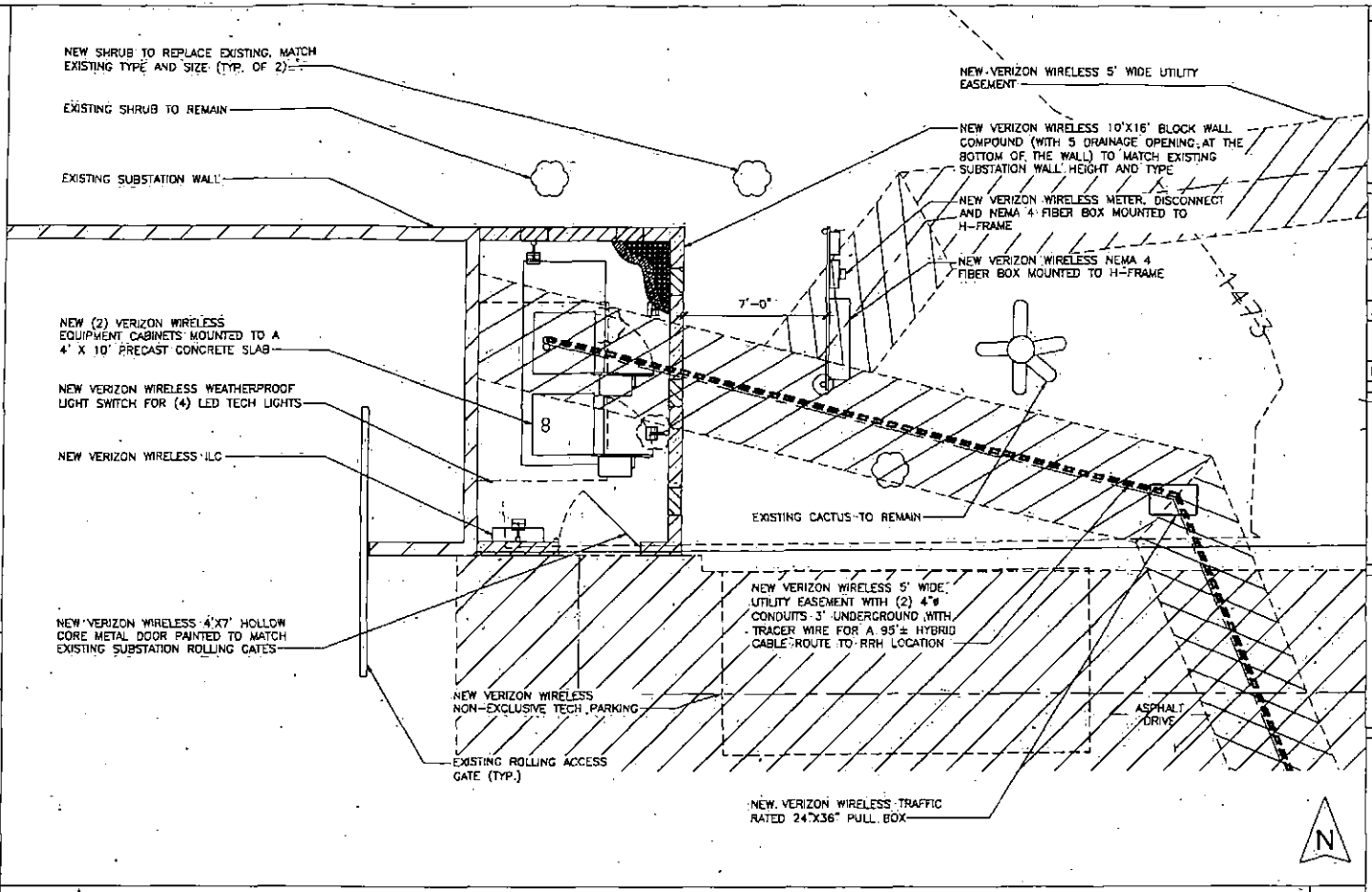
CABLE RUN LENGTH	CABLE TYPE	# OF LINES
66'-7"	ASS 5-12 HYBRID CO/FIBER	2

COAX CABLE TABLE TO-DIPLEXERS/ANTENNAS

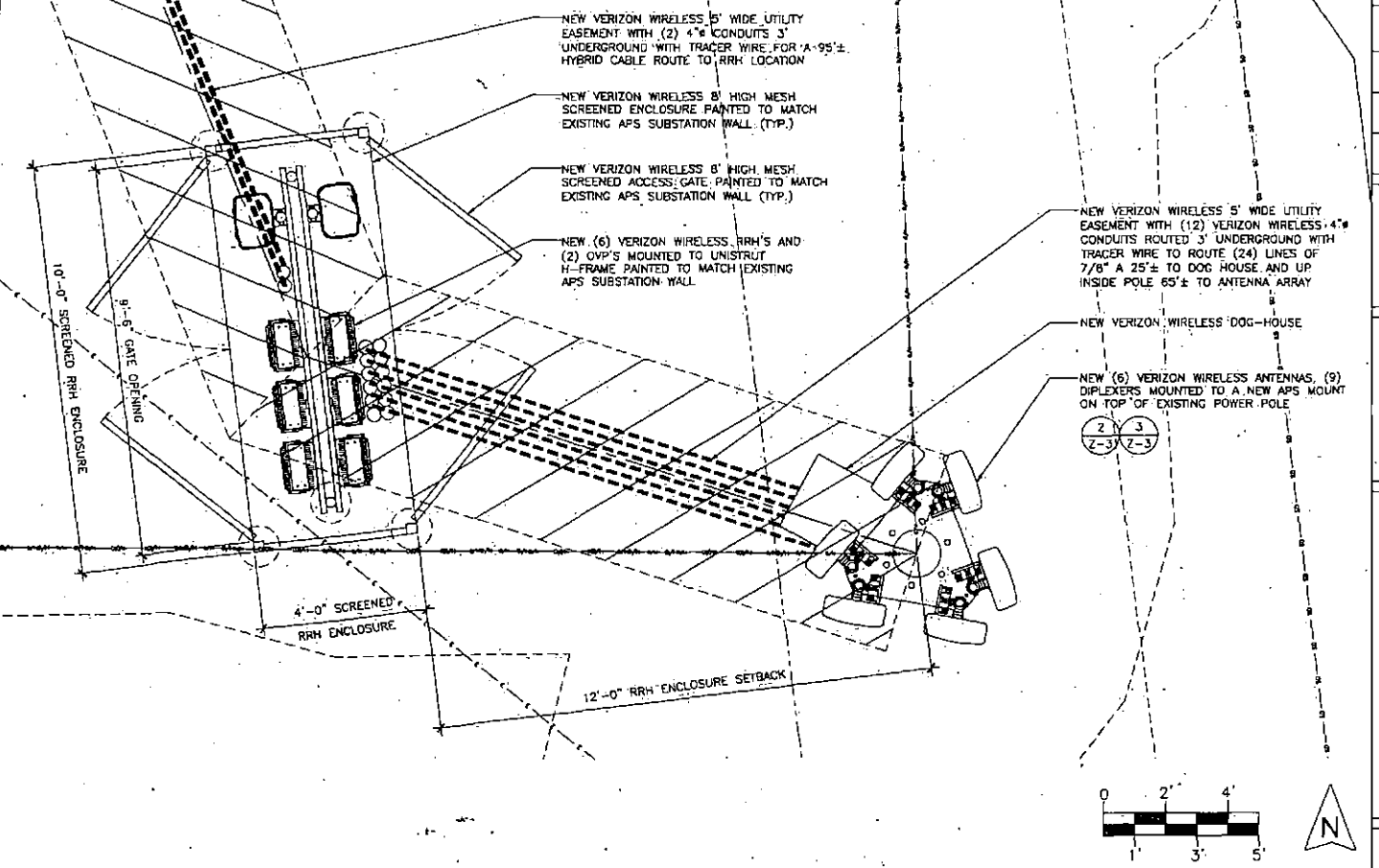
SECTOR	ANT. POSITION #	AZIMUTH	RRH QTY.	RAD CENTER	CABLE TYPE	# OF LINES
ALPHA	1	70°	1	90±	7/8" COAX	4
ALPHA	2	70°	1	90±	7/8" COAX	4
BETA	1	190°	1	90±	7/8" COAX	4
BETA	2	190°	1	90±	7/8" COAX	4
GAMMA	1	310°	1	90±	7/8" COAX	4
GAMMA	2	310°	1	90±	7/8" COAX	4



CABLE INFORMATION SCALE: N.T.S. 6 NEW ANTENNA SCALE: N.T.S. 5



ENLARGED SITE PLAN SCALE: 1/4" = 1'-0" 1



ENLARGED RRH SITE/DIMENSION PLAN SCALE: 3/8" = 1'-0" 2

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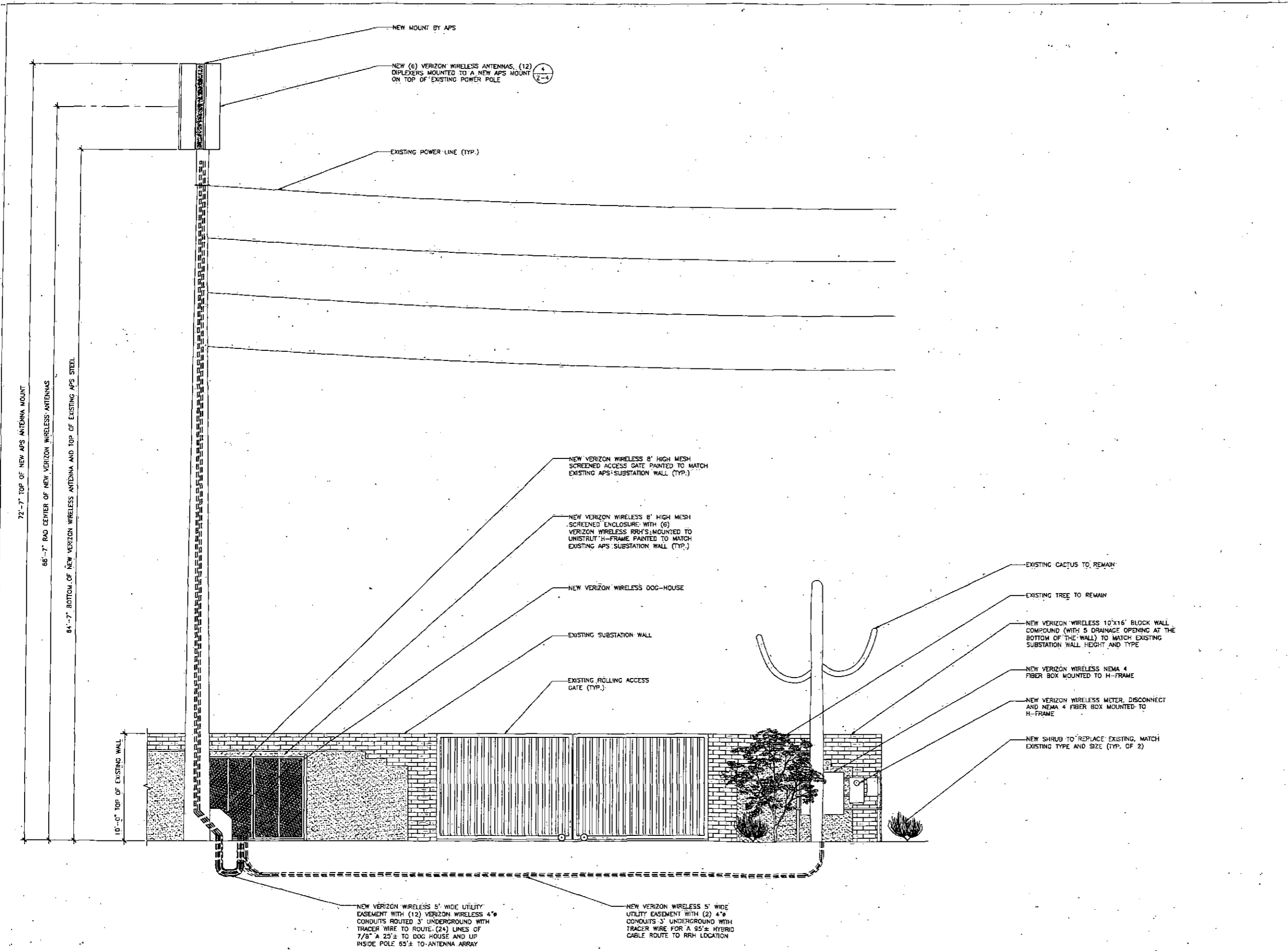
SHEET TITLE

**ENLARGED SITE/
DIMENSION PLAN AND
DETAILS**

JURISDICTIONAL APPROVAL

SHEET NUMBER

Z-3



NEW EAST ELEVATION

SCALE: 1/4" = 1'-0"

1

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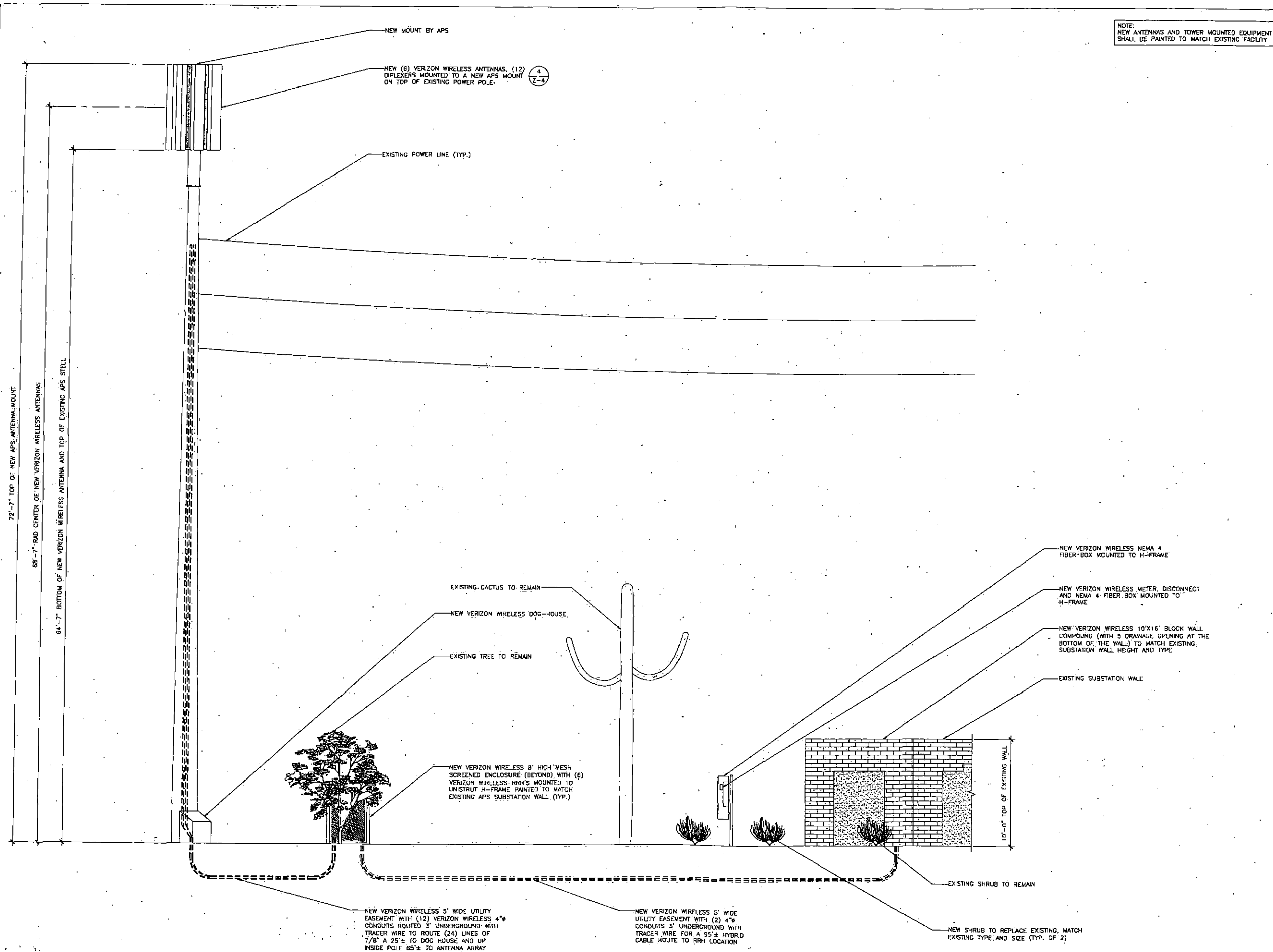
SHEET TITLE

ELEVATION

JURISDICTIONAL APPROVAL

SHEET NUMBER

Z-4



NOTE:
NEW ANTENNAS AND TOWER MOUNTED EQUIPMENT SHALL BE PAINTED TO MATCH EXISTING FACILITY

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SHEET TITLE

ELEVATION

JURISDICTIONAL APPROVAL

SHEET NUMBER

Z-5