

PROJECT: NEIGHBORHOOD EXPANSION

SITE NAME: PH90XC831

SITE NUMBER: PH90XC831

SITE ADDRESS: TANGERINE RD. & LA CANADA DR.

TUCSON, AZ 85737

Catalina State Park

PIMA COUNTY COUNTY:

NEW 68'-0" UTILITY POLE SITE TYPE:

MARKET: ARIZONA

LATITUDE: 32.423572°

LONGITUDE: -110.996138°

SITE LOCATION-

SHEET INDEX

PROJECT INFORMATION AND DATE

TOPOGRAPHIC SURVEY OVERALL SITE PLAN Z-1

EXISTING ENLARGED SITE PLAN

NEW ENLARGED SITE PLAN Z-3

Z-4.0 **ELEVATIONS**

ELEVATIONS Z-4.1

NEW ANTENNA AND RRU PLAN

SCOPE OF WORK:

CODE

ZONING:

PARCEL #:

JURISDICTION:

GOVERNING CODES:

TELECOMMUNICATIONS FACILITY:

- INSTALL (9) NEW RADIOS ON NEW ANTENNA MOUNTS

- INSTALL NEW ELECTRICAL SERVICE

PROJECT DESCRIPTION

SPRINT PROPOSES TO MODIFY AN EXISTING UNMANNED

- INSTALL (6) NEW ANTENNAS ON NEW ANTENNA MOUNTS

- INSTALL NEW 15'-0"x15'-0"x6'-0" TALL CMU WALL
- INSTALL (6) NEW UNDERGROUND CONDUITS

- INSTALL (1) NEW EQUIPMENT CABINETS ON NEW CONCRETE PAD
- INSTALL (3) NEW HYBRID CABLES AND (1) NEW FIBER CABLE
- INSTALL NEW 15'-0"x15'-0" CONCRETE PAD

R.O.W.

CITY OF TUCSON

ALL BUILDING CODES LISTED ABOVE SHALL INCLUDE

AMENDMENTS BY THE GOVERNING JURISDICTION

2011 NEC

UNMANNED COMMUNICATIONS

2012 IBC, 2012 IFC, 2012 IMC,

INSTALL NEW FIBER SERVICE

TOWER OWNER:

TUCSON ELECTRIC POWER 4350 E IRVINGTON RD TUCSON, AZ 85714 **CONTACT: DANNY MADRIL** PHONE: (520) 661-9460

CONTACT INFORMATION

11811 NORTH TATUM BLVD.

PHOENIX, ARIZONA 85028

PHONE: (925) 464-3434

CONTACT: JAY TANK

PHONE: (310) 618-4071

CONTACT: BARBARA BROWN

CONSTRUCTION MANAGER:

CLIENT:

SPRINT

SUITE P155

SITE ACQUISITION:

PINNACLE CONSULTING, INC. 1426 N. MARVIN STREET #101 GILBERT, AZ 85233 CONTACT: ERIC HURLEY PHONE: (480) 664-9588 ext. 234

A&E FIRM:

PINNACLE CONSULTING, INC. 1426 N. MARVIN STREET #101 GILBERT, AZ 85233 CONTACT: KYLE FORTIN PHONE: (623) 217-4235

ENGINEER:

ISE INC. STRUCTURAL ENGINEERS P.O. BOX 50039 PHOENIX, AZ 85076 **CONTACT: GLEN HUNT** PHONE: [602] 403-8614

SITE DIRECTIONS

VICINITY MAP

SITE LOCATION-

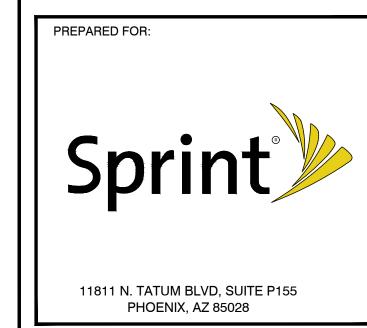
FROM THE SPRINT OFFICE IN PHOENIX, AZ:

DEPART 11811 NORTH TATUM BLVD. SUITE P155 ONTO N TATUM BLVD. TURN LEFT ONTO N TATUM BLVD. TURN RIGHT ONTO E SHEA BLVD. TAKE RAMP FOR AZ-51 S. TAKE RAMP RIGHT FOR I-10 E. AT EXIT 240, TAKE RAMP RIGHT FOR TANGERINE RD TOWARD ORO VALLEY. TURN LEFT ONTO W TANGERINE RD. ARRIVE AT W TANGERINE RD ON THE RIGHT.

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.
- 2. THIS WIRELESS TELECOMMUNICATIONS FACILITY WILL MEET THE REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION REGARDING PHYSICAL AND ELECTROMAGNETIC INTERFERENCE.
- 3. LIGHTING OR SIGNS WILL BE PROVIDED ONLY AS REQUIRED BY FEDERAL OR STATE AGENCIES.
- 4. DEVELOPMENT AND CONSTRUCTION OF THIS PROJECT WILL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
- EXISTING PARKING IS NOT AFFECTED BY THIS PROJECT.
- 6. THIS PROJECT DOES NOT INCLUDE WATER OR SEWER.

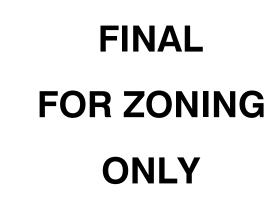
	SIGNATURE BLOCK					
	APPROVAL	SIGNATURE	DATE			
	SITE ACQ. MGR.					
	CONSTRUCTION MGR.					
	A&E MGR.					
	PLANNING CONS.					
	RF MGR.					
	RF ENGINEER					
	PROPERTY OWNER					
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	PROJECT NO:	PH90XC831
	DRAWN BY:	M.G.
	CHECKED BY:	KF
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REV	DATE	DESCRIPTION	BY
Α	09/18/18	ISSUED FOR REVIEW	M.G.
0	09/27/18	FINAL ZONING	KAF





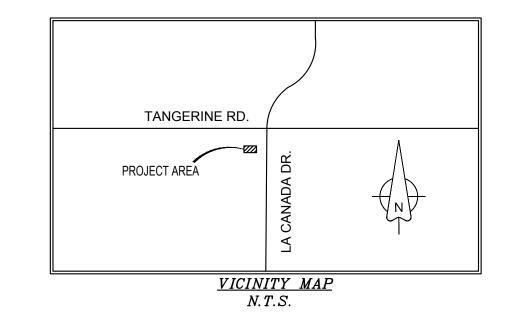
PH90XC831 TANGERINE RD. & LA CANADA DR.

TUCSON, AZ 85737

PIMA COUNTY

SHEET TITLE PROJECT INFORMATION AND DATE

> SHEET NUMBER



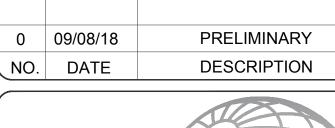




1426 N. MARVIN STREET # 101 GILBERT, AZ 85233

FIELD BY:	JMM			
DRAWN BY:	STB			
CHECKED BY:	RLF			

	REVISIONS	
Λ	09/08/18	PRFI IMINARY





LAND SURVEY . MAPPING SOLUTIONS 1214 N. STADEM DR. • TEMPE AZ 85281 WWW.RLFCONSULTING.COM • 480-445-9189



REUSE OF DOCUMENT

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PROJECT No. 10008601

SITE NAME: PH90XC831

SITE ADDRESS:

TANGERINE RD. & LA CANADA DR. TUCSON, AZ 85737

SHEET TITLE:

TOPOGRAPHIC SURVEY

SHEET NO.

REVISION:

SURVEYOR NOTES

FLOODPLAINS.

FLOOD ZONE DESIGNATION

FIRM MAP NO. 04019C1090L DATED 06/16/11.

1. A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.

THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY

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

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.

(ISTING 56' — **EP POWER** POLE

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

LEGEND

 BRASS CAP FLUSH E ELECTRICAL PULL BOX

FIBER MANHOLE FV FIBER VAULT

■ POWER POLE

WV WATER VALVE WM WATER METER DECIDUOUS TREE

NG NATURAL GRADE

R/W RIGHT OF WAY

TBC TOP OF CURB

── SIGN X 5280.00 NG SPOT ELEVATION

STREET LIGHT W/ MAST ARM

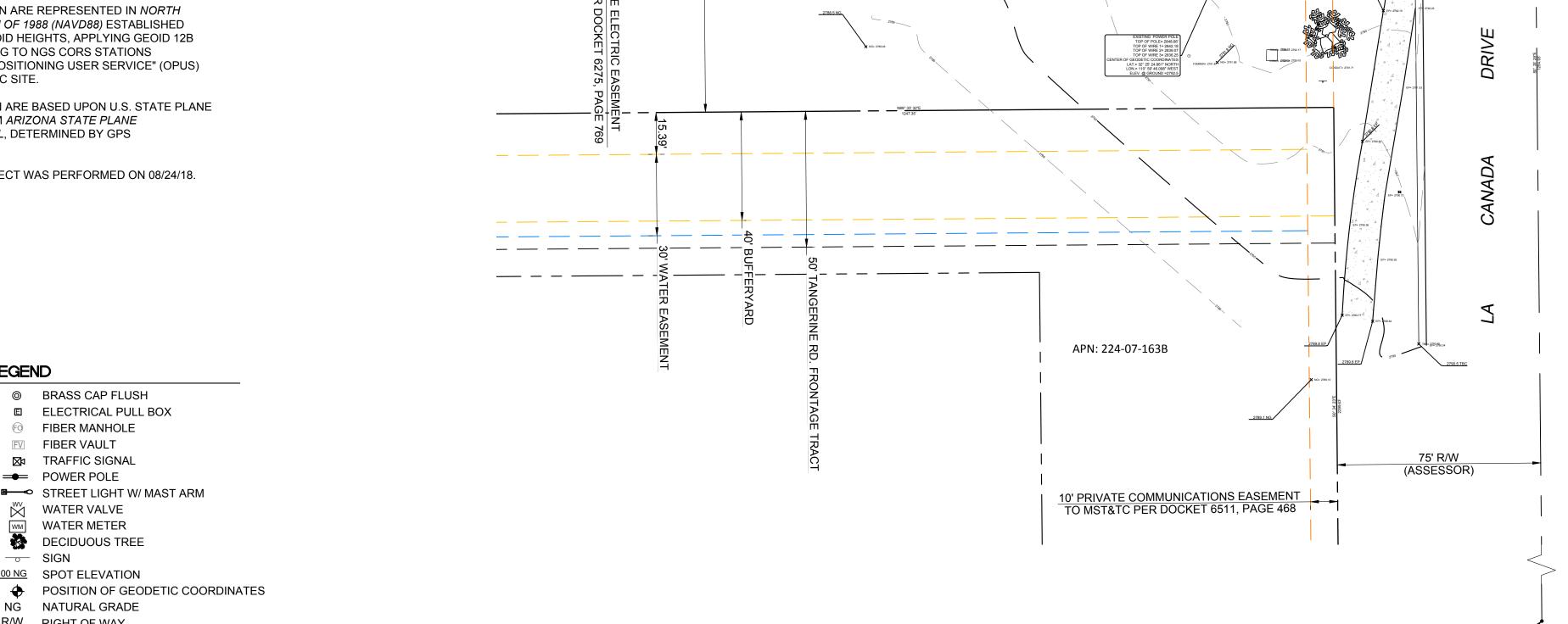
PROPERTY LINE (OTHER)

-----OHE--------OVERHEAD ELECTRIC LINE

----- RIGHT-OF-WAY LINE

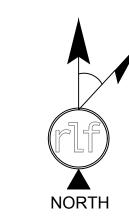
——— — MONUMENT LINE — — — — EASEMENT LINE

3. FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 08/24/18.

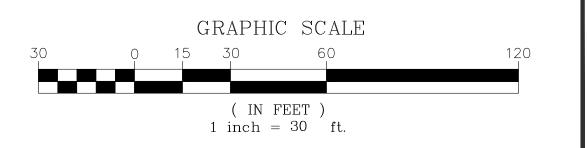


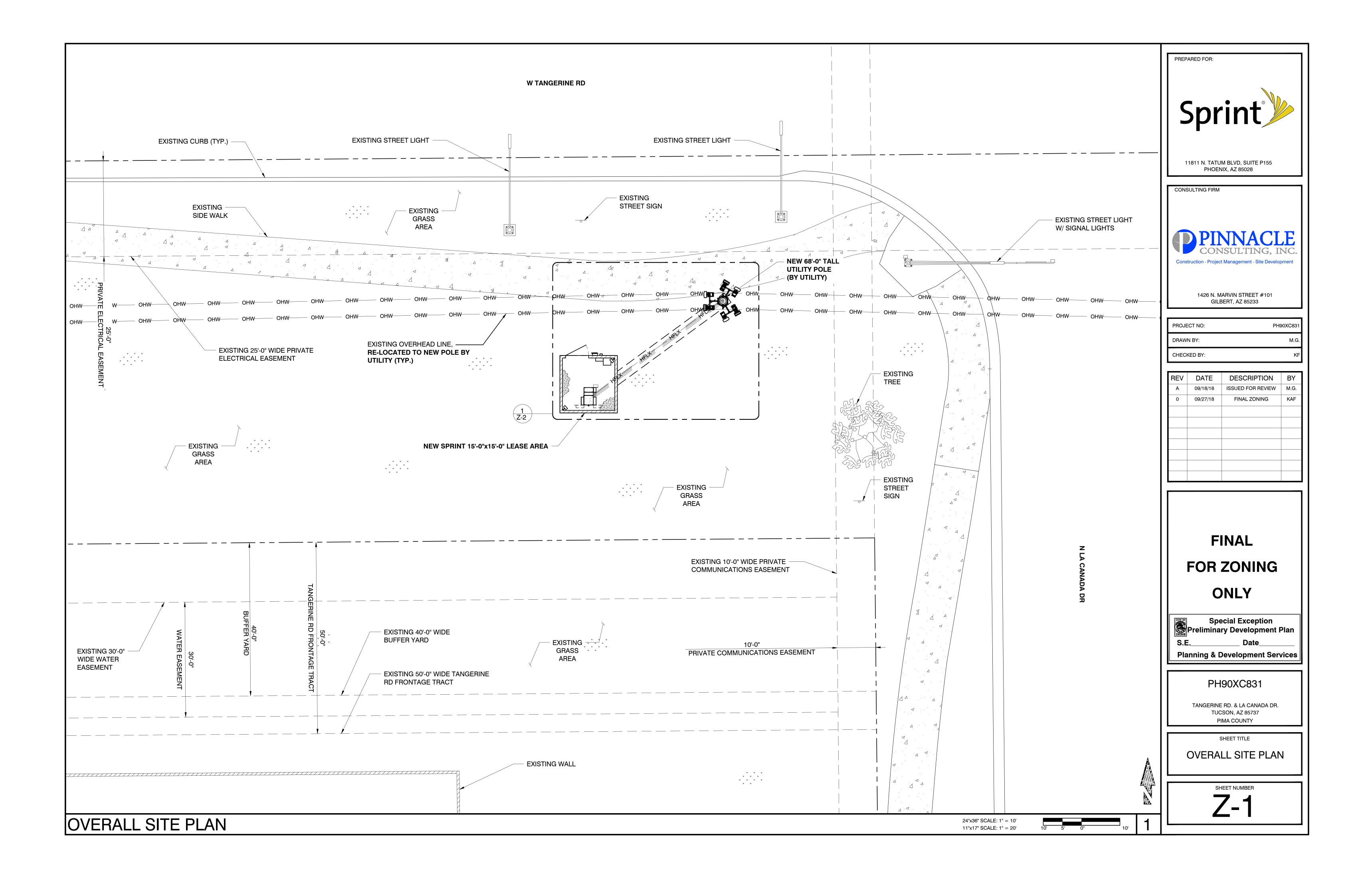
TANGERINE

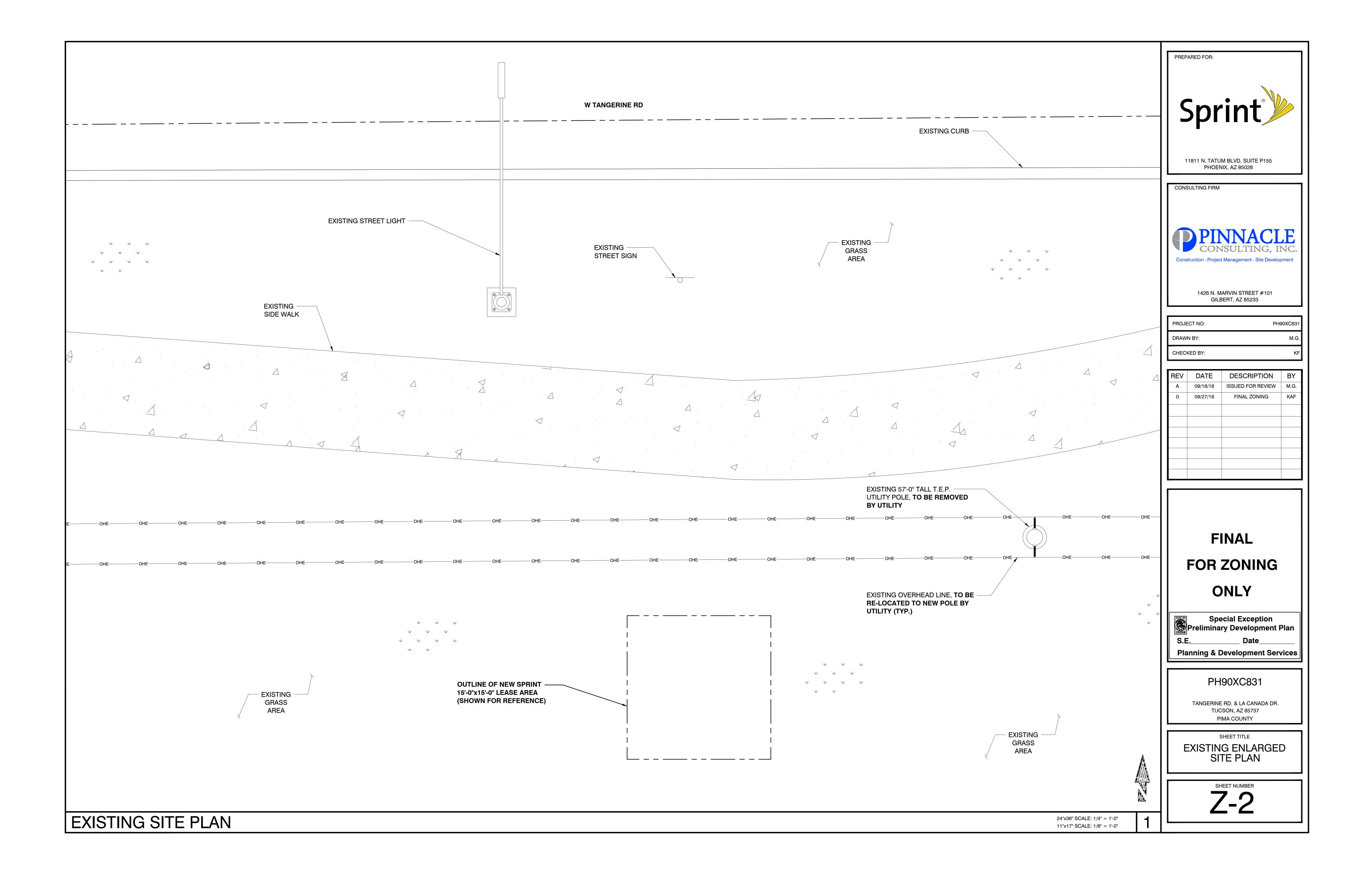
ROAD

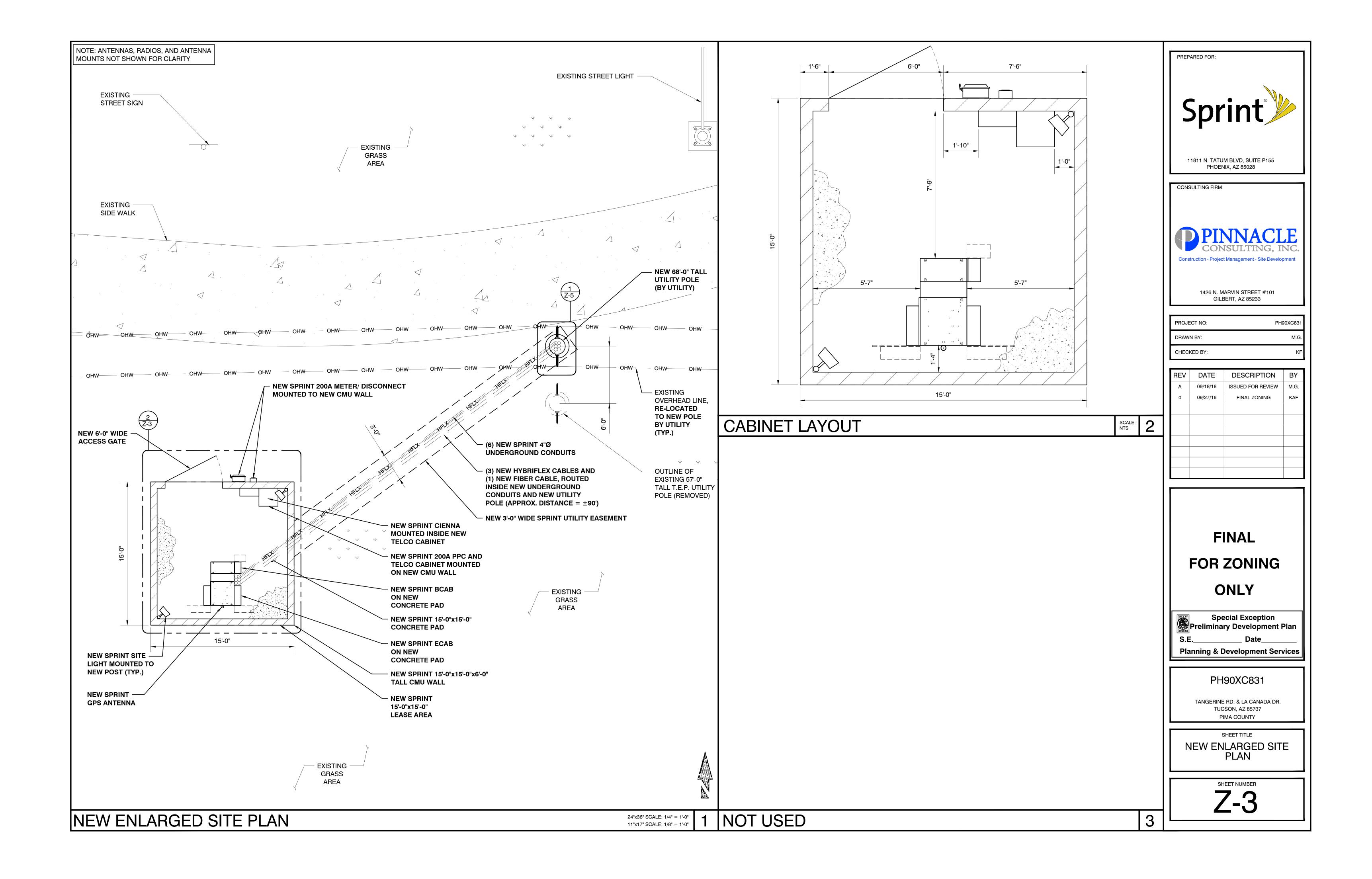


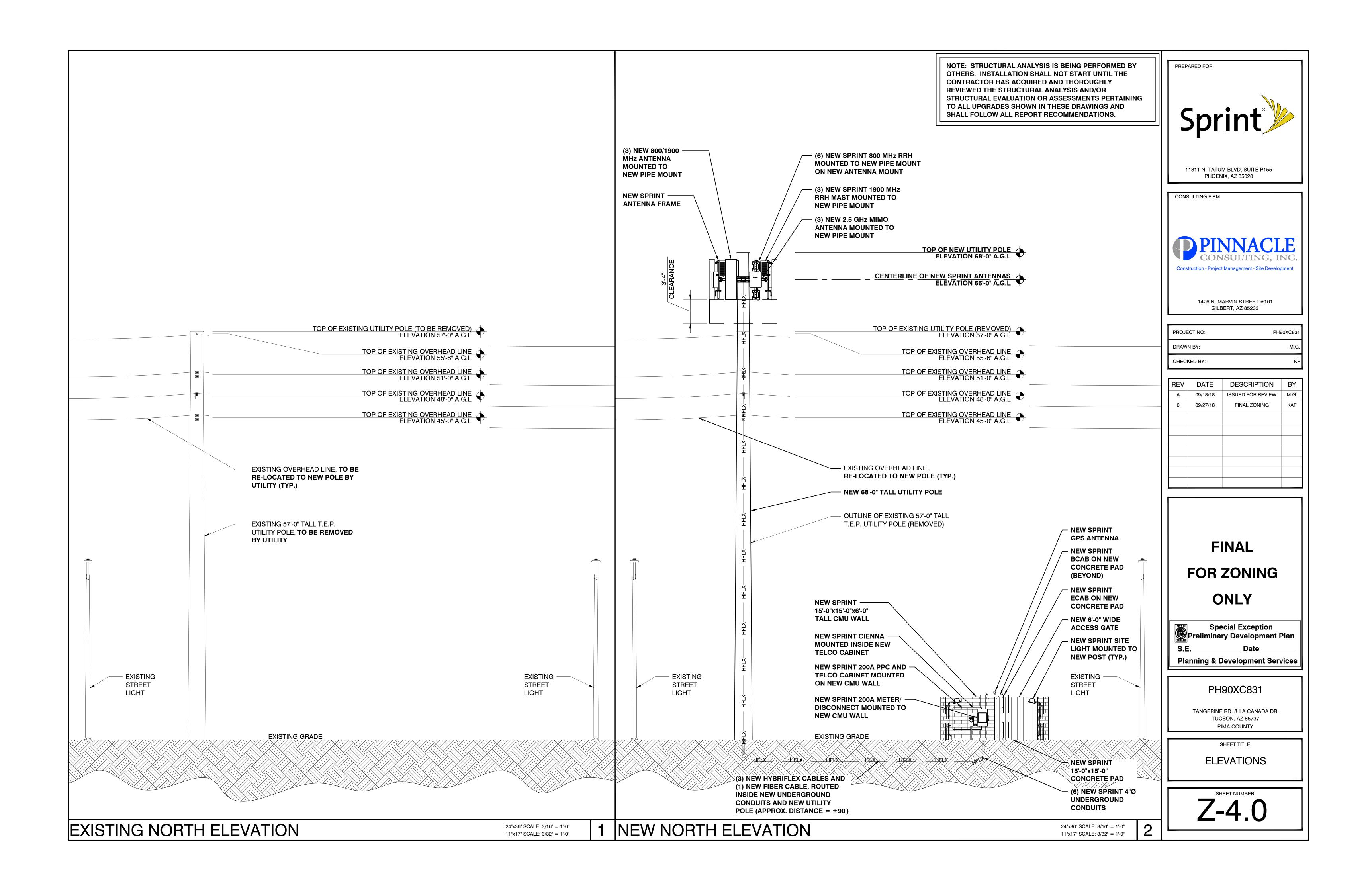
BCFL

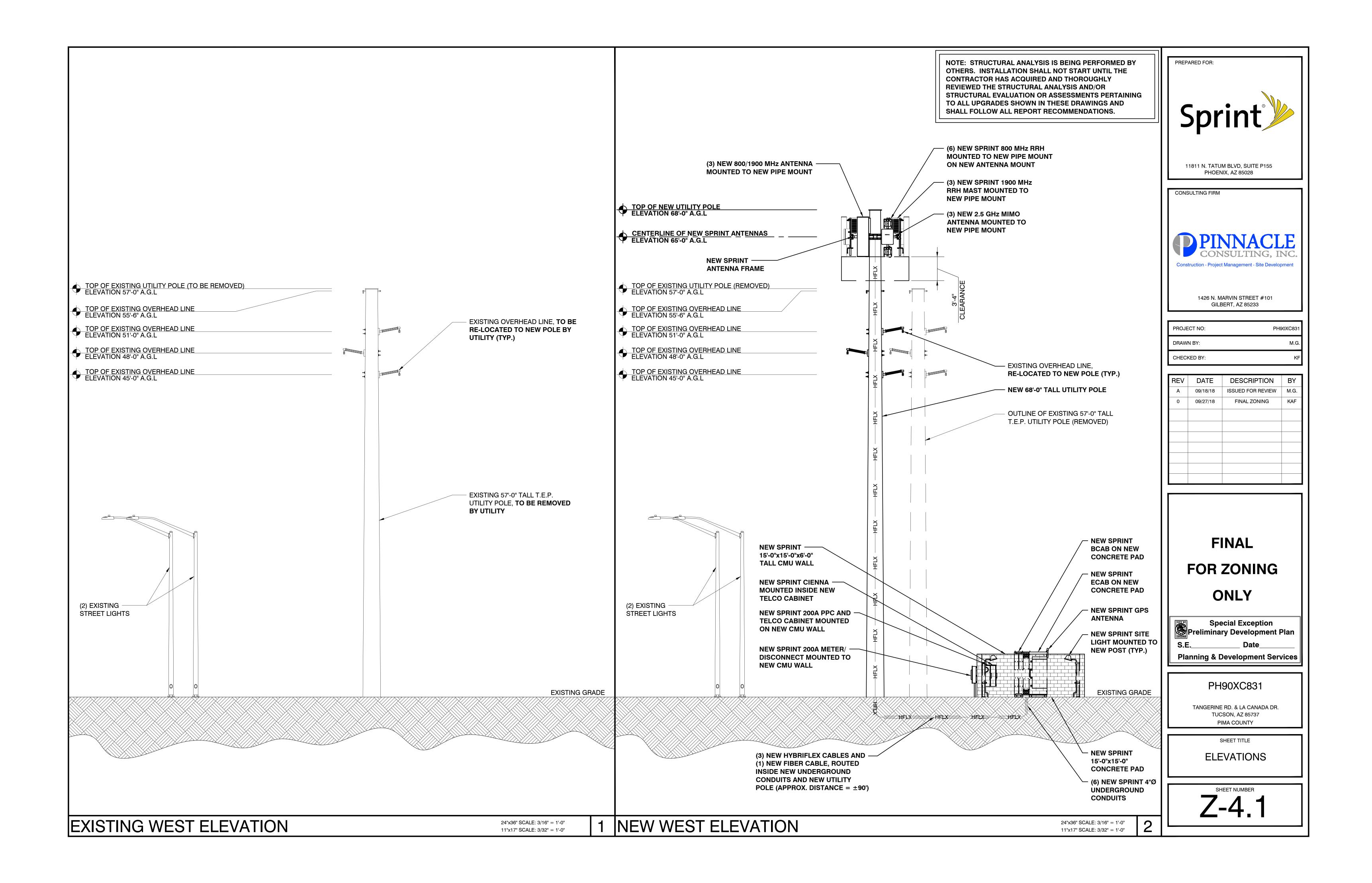


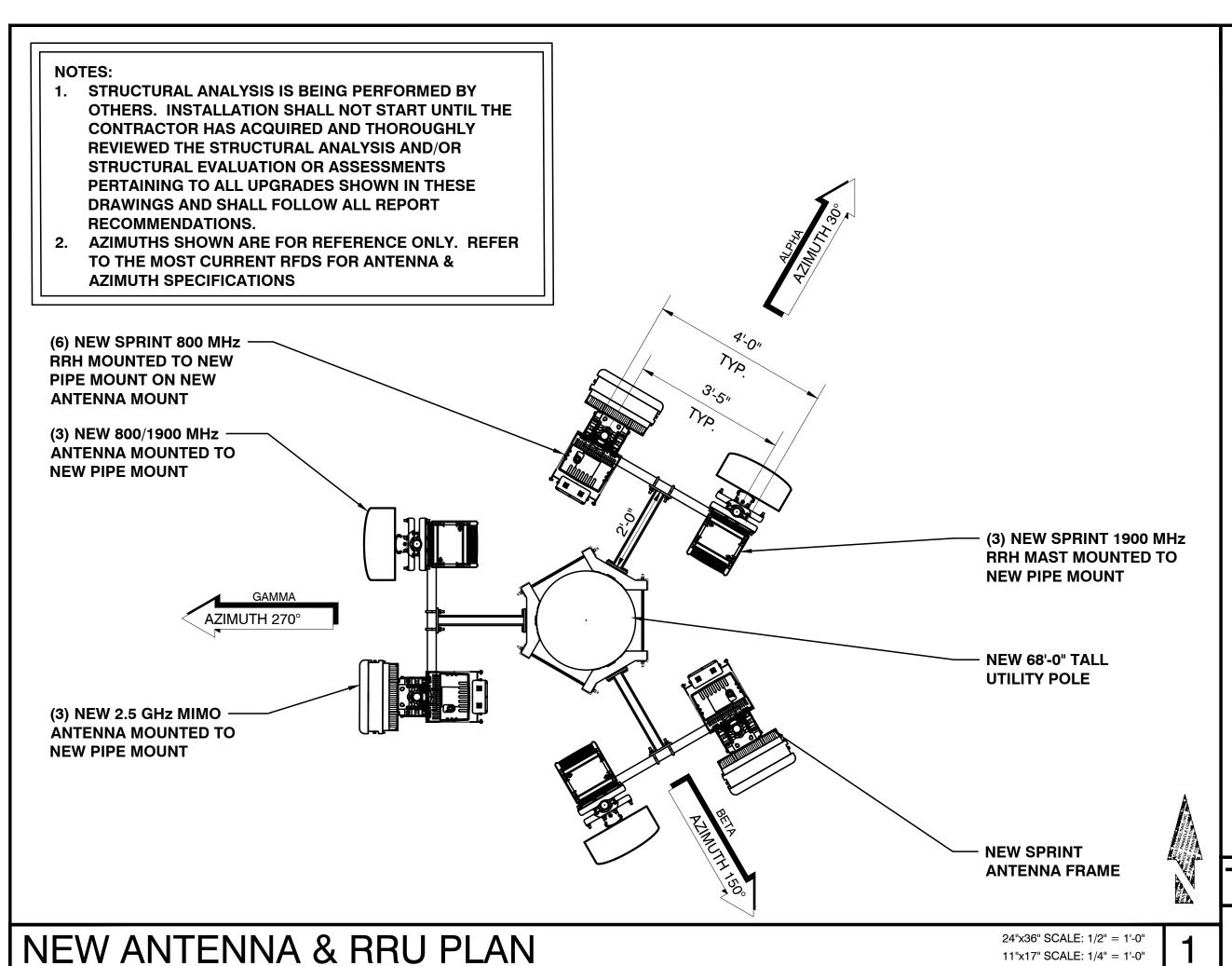


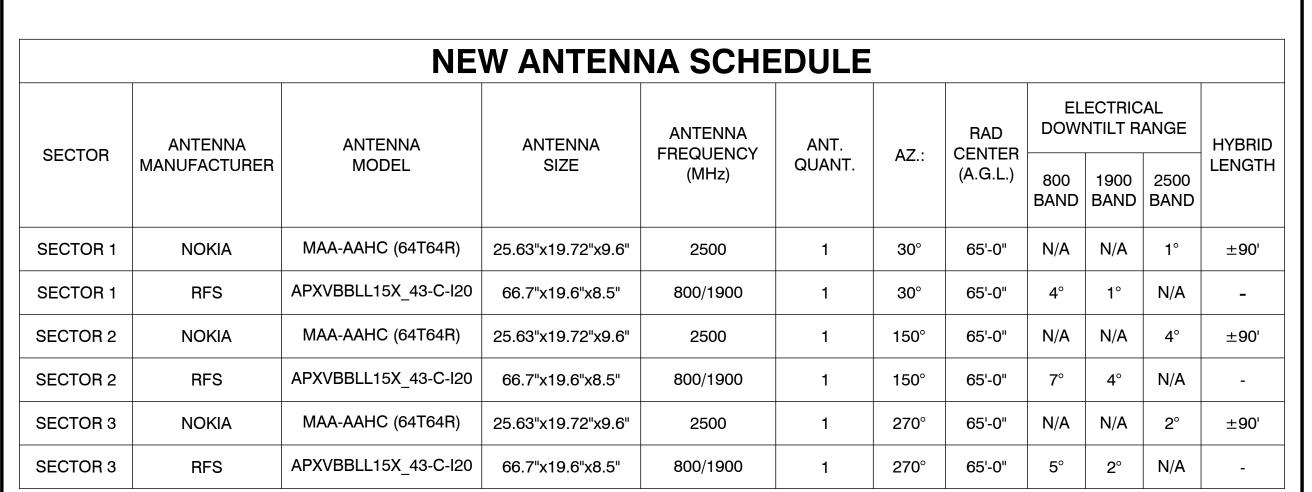






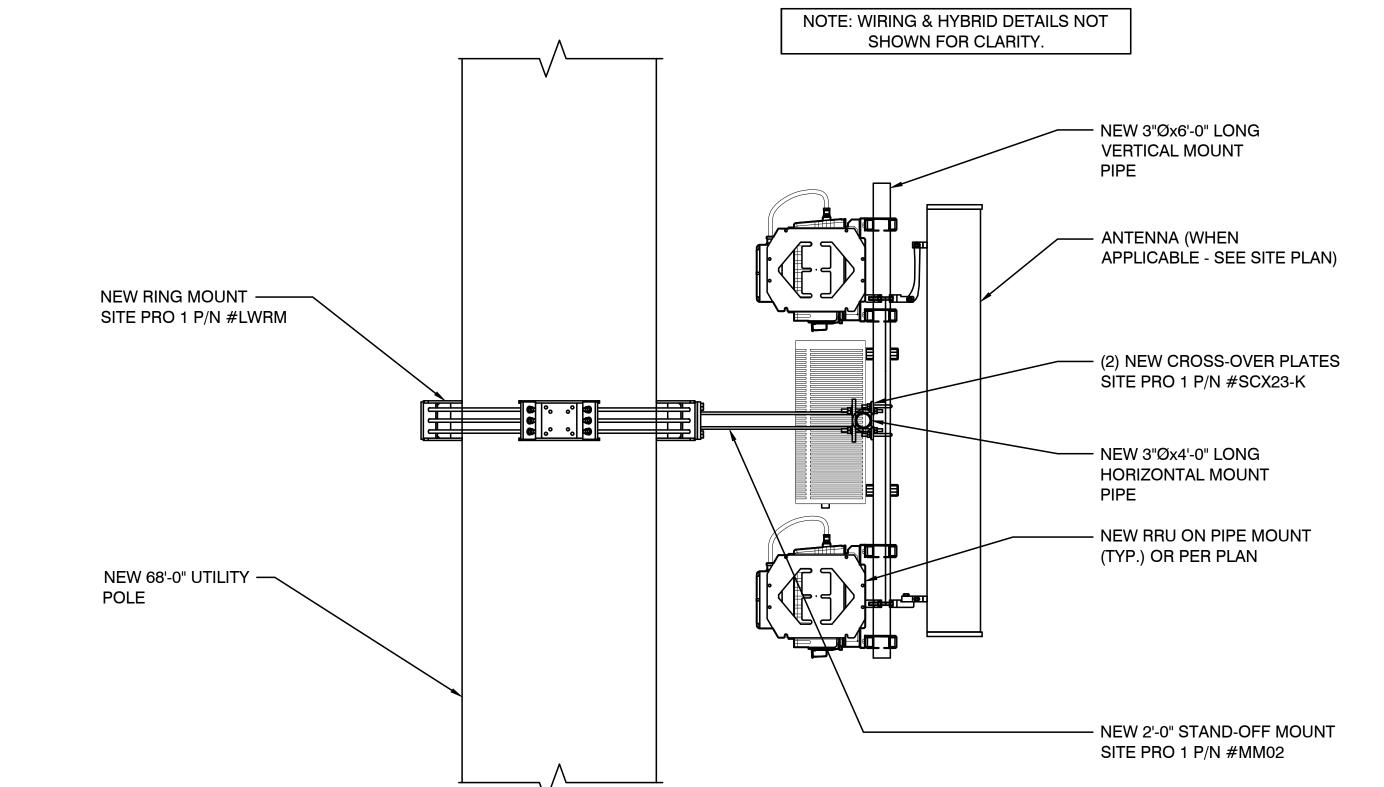




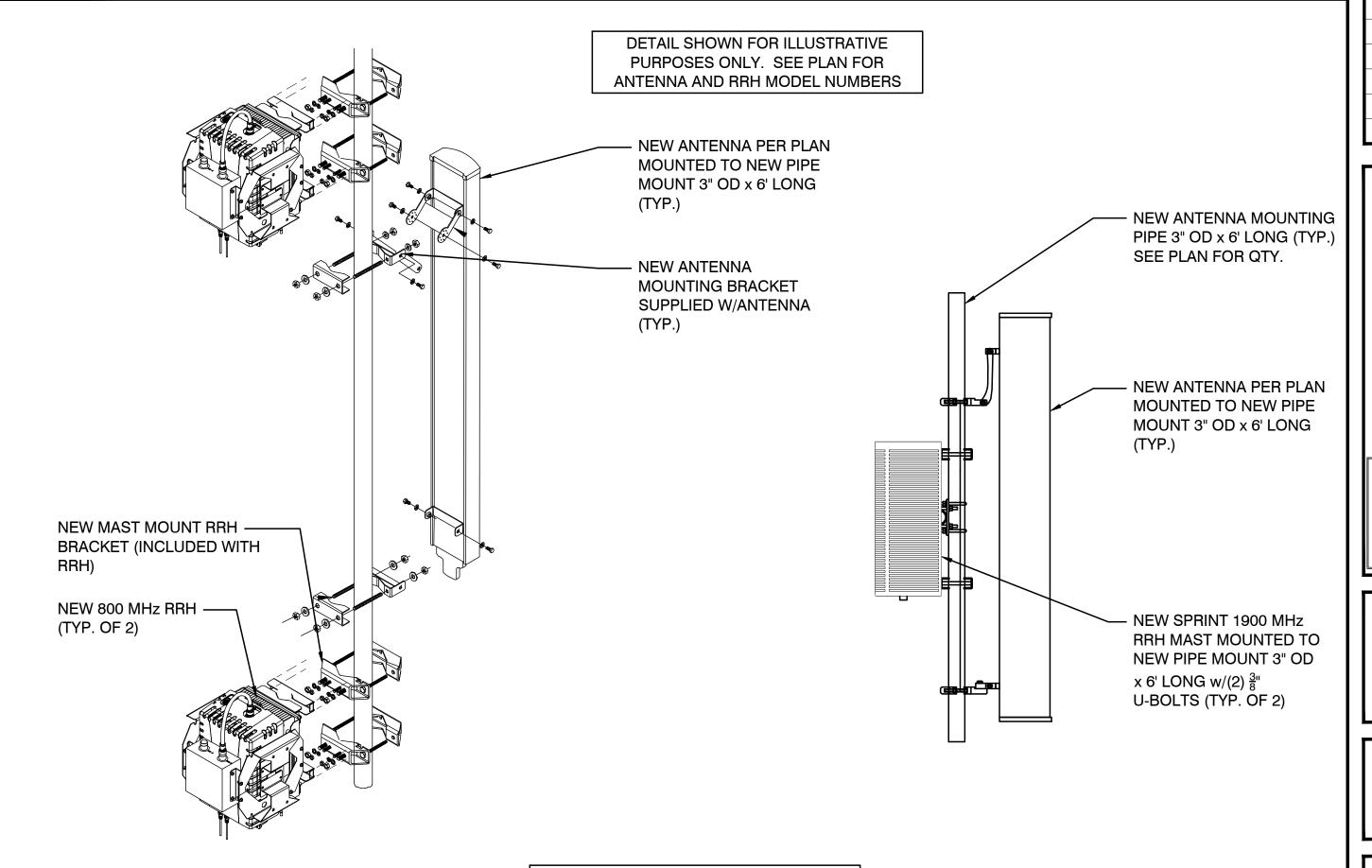


11"x17" SCALE: 1/4" = 1'-0"

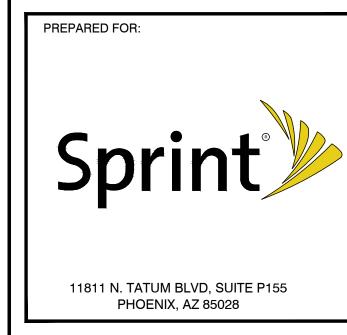
NEW RRH SCHEDULE						
SECTOR	RRH MANUFACTURER	RRH MODEL	RRH SIZE	RRH WEIGHT (LBS)	RRH FREQ. RANGE (MHz)	RRH QUANTITY
SECTOR 1	ALCATEL-LUCENT	2x50	19"H x 13"W x 8.6" D w/FILTER 19"H x 13"W x 8.6" D	53 w/FILTER 64	862 - 869	2
SECTOR 1	ALCATEL-LUCENT	4x45	25.1"H x 11.1"W x 10.69"D	59.5	1930 - 1995	1
SECTOR 2	ALCATEL-LUCENT	2x50	19"H x 13"W x 8.6" D w/FILTER 19"H x 13"W x 8.6" D	53 w/FILTER 64	862 - 869	2
SECTOR 2	ALCATEL-LUCENT	4x45	25.1"H x 11.1"W x 10.69"D	59.5	1930 - 1995	1
SECTOR 3	ALCATEL-LUCENT	2x50	19"H x 13"W x 8.6" D w/FILTER 19"H x 13"W x 8.6" D	53 w/FILTER 64	862 - 869	2
SECTOR 3	ALCATEL-LUCENT	4x45	25.1"H x 11.1"W x 10.69"D	59.5	1930 - 1995	1







RRH MOUNTED BEHIND ANTENNA





PROJECT NO:	PH90XC831
DRAWN BY:	M.G.
CHECKED BY:	KF

	REV	DATE	DESCRIPTION	BY
	Α	09/18/18	ISSUED FOR REVIEW	M.G.
-	0	09/27/18	FINAL ZONING	KAF
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FINAL FOR ZONING ONLY



PH90XC831

TANGERINE RD. & LA CANADA DR. TUCSON, AZ 85737 PIMA COUNTY

SHEET TITLE **NEW ANTENNA** AND RRU PLAN

SHEET NUMBER **Z-5**

SCALE: NTS

4

SCALE: 2 ANTENNA AND RRH MOUNTING DETAILS