

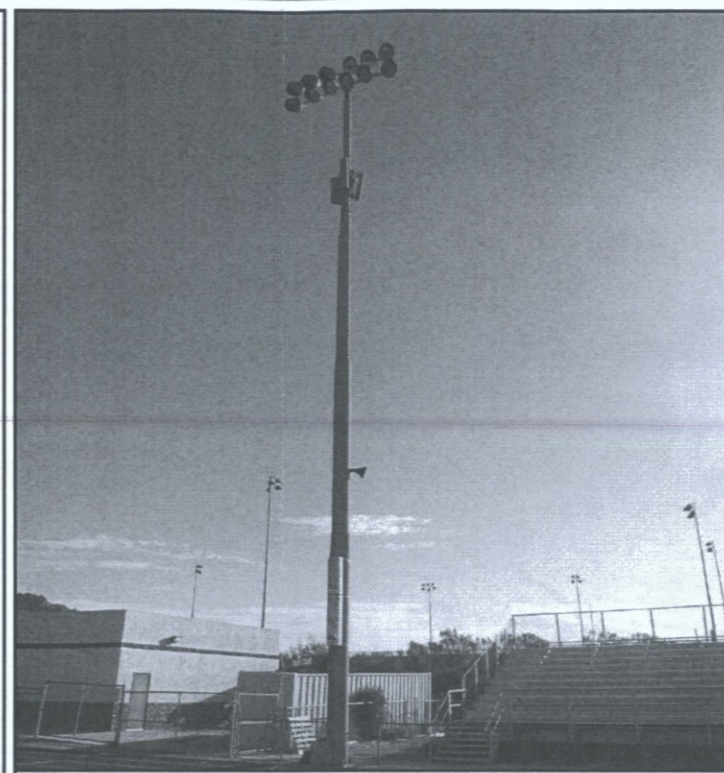
**Full Size or Largest Size
(site plan, landscape, elevations)**

SITE DEVELOPER/APPLICANT:

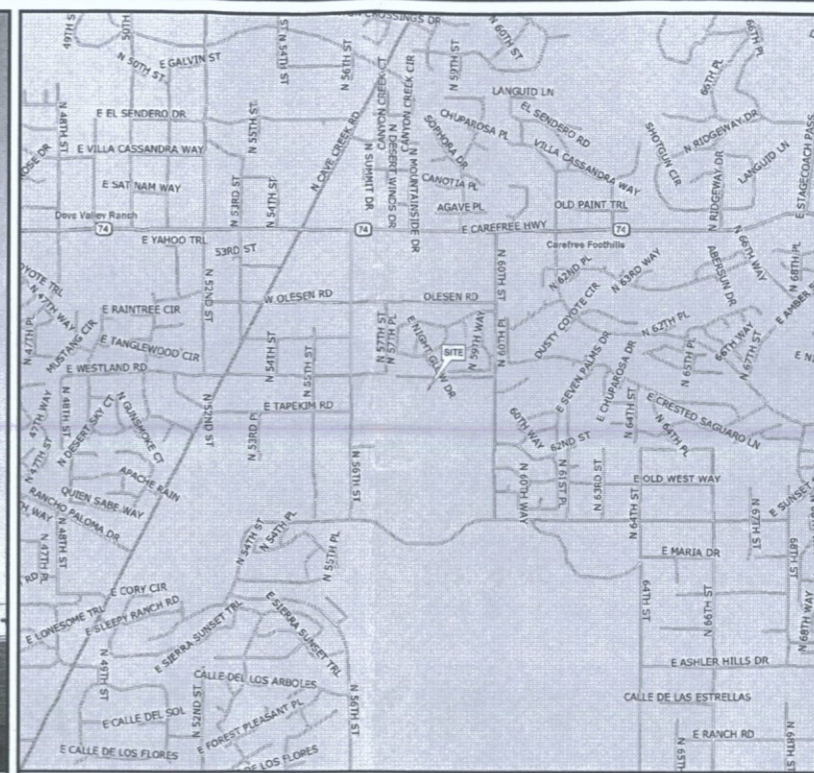


33016 N 60TH STREET
SCOTTSDALE, AZ 85266
(MARICOPA COUNTY)

SITE NAME: PHO WINDY PCS



TOWER PHOTO



LOCATION MAP

*LATITUDE N 33° 47' 28.2"
*LONGITUDE W 111° 57' 22.1"
*GROUND ELEV. (AMSL) = 2090±
*INFO FROM GOOGLE EARTH

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:
1. INTERNATIONAL BUILDING CODE (2012 EDITION)
2. INTERNATIONAL CODE COUNCIL
3. ANSITIA/EIA-222-G
4. NATIONAL ELECTRIC CODE (2011 EDITION)
5. LOCAL BUILDING CODE
6. CITY/COUNTY ORDINANCES

1. ADD (6) DIPLEXERS, (TYP OF 2 PER SECTOR)
2. REPLACE (1) EXISTING ANTENNA WITH (1) PROPOSED ANTENNA
3. ADD (3) PROPOSED ANTENNAS
4. ADD (3) TMA's (TYP OF 1 PER SECTOR)

FROM VERIZON WIRELESS OFFICE; DEPART 126 W. GEMINI DR, TEMPE, AZ 85283. GO EAST ON WEST GEMINI DRIVE, TURN RIGHT ONTO S MAPLE AVE. THEN TURN LEFT ONTO W GUADALUPE RD, TURN LEFT ONTO PRICE ROAD AND TAKE THE AZ-101 NORTH RAMP ON THE LEFT. TAKE THE AZ-101 NORTH TO EXIT 24 FOR SCOTTSDALE ROAD. TURN RIGHT ONTO SCOTTSDALE ROAD AND FOLLOW UNTIL A LEFT ONTO E CAREFREE HWY. TAKE CAREFREE HWY TO 60TH STREET AND TAKE A LEFT ONTO 60TH STREET. TAKE 60TH STREET TO E 7PALMS DRIVE. TURN RIGHT ON E 7 PALMS DRIVE UNTIL A LEFT ON E SMOKEHOUSE TRAIL. 33016 N 60TH STREET WILL BE WEST OF E 7 PALMS DRIVE.

TOWER COORDINATES

CODE COMPLIANCE

PROJECT DESCRIPTION

DRIVING DIRECTIONS

SITE CONSTRUCTION MANAGER:
NAME: VERIZON WIRELESS
ADDRESS: 128 WEST GEMINI DRIVE
CITY, STATE, ZIP: TEMPE, AZ 85283
CONTACT: ERROL CHAISSON
PHONE: (602) 400-7054

SITE APPLICANT:
NAME: IN COMMAND COMMUNICATIONS, LLC
ADDRESS: 4294 E DEL RIO STREET
CITY, STATE, ZIP: GILBERT, AZ 85295
CONTACT: RYAN RAMSON
PHONE: (602) 560-5700

CIVIL ENGINEER:
NAME: TOWER ENGINEERING PROFESSIONALS
ADDRESS: 326 TRYON ROAD
CITY, STATE, ZIP: RALEIGH, NC 27603
CONTACT: GRAHAM M. ANDRES, P.E.
PHONE: (919) 661-6351

ELECTRICAL ENGINEER:
NAME: TOWER ENGINEERING PROFESSIONALS
ADDRESS: 326 TRYON ROAD
CITY, STATE, ZIP: RALEIGH, NC 27603
CONTACT: GRAHAM M. ANDRES, P.E.
PHONE: (919) 661-6351

TOWER OWNER:
NAME: SCOTTSDALE UNIFIED SCHOOL DISTRICT #93
ADDRESS: 33016 NORTH 60TH STREET
CITY, STATE, ZIP: SCOTTSDALE, AZ 85266
CONTACT: DENNIS RAILOR
PHONE: (480) 575-2051

CONTACT INFORMATION

VERIZON SITE NAME: PHO WINDY PCS
PROJECT DESCRIPTION: ANTENNA RECONFIGURATION
SITE ADDRESS: 33016 N 60TH STREET SCOTTSDALE, AZ 85266 (MARICOPA COUNTY)
TOWER TYPE: 81' LIGHT POLE
JURISDICTION: CITY OF SCOTTSDALE
LEASE AREA: 130 sq. ft.
CURRENT ZONING: R1-43
TAX PARCEL NUMBER: 211-61-757

PROJECT INFORMATION

SHEET:	DESCRIPTION:	REV
T-1	TITLE SHEET	2
T-2	GENERAL NOTES	2
C-1	SITE PLAN & COMPOUND LAYOUT	2
C-2	SOUTH & WEST TOWER ELEVATIONS	2
C-3	ANTENNA INFORMATION	2
C-4A	EQUIPMENT INFORMATION I	2
C-4B	EQUIPMENT INFORMATION II	2

SHEET INDEX

116-DR-2006#4
8/19/16

PLANS PREPARED FOR:
verizon wireless
128 WEST GEMINI DRIVE
TEMPE, AZ 85283
OFFICE: (480) 345-5600

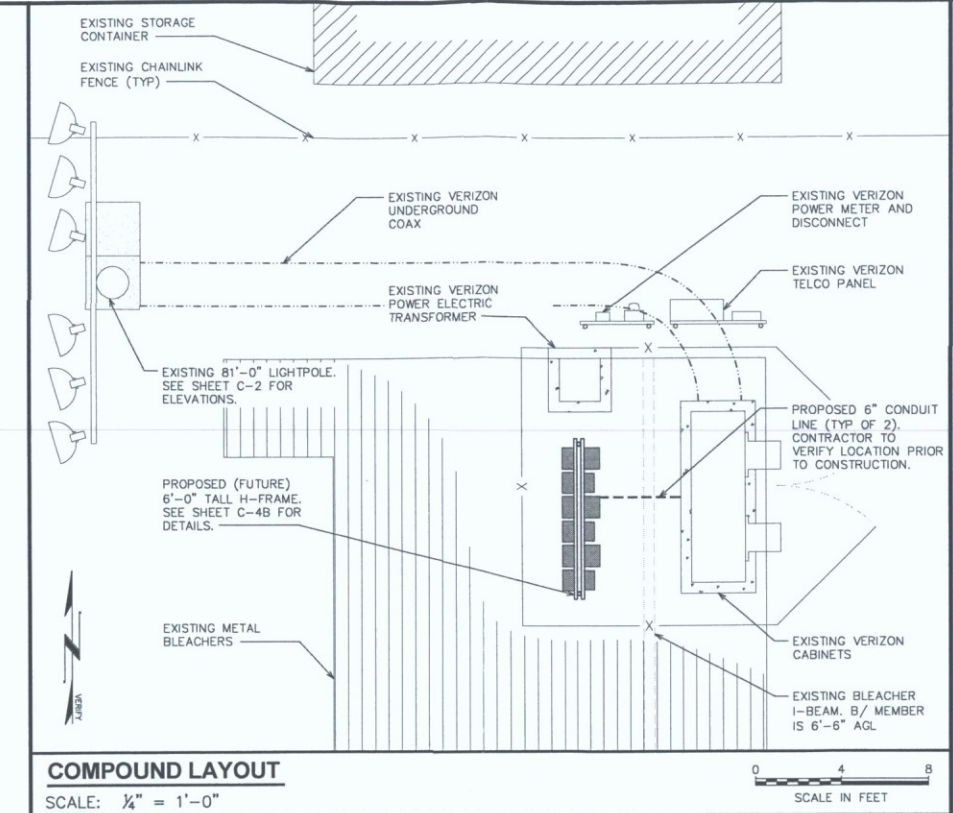
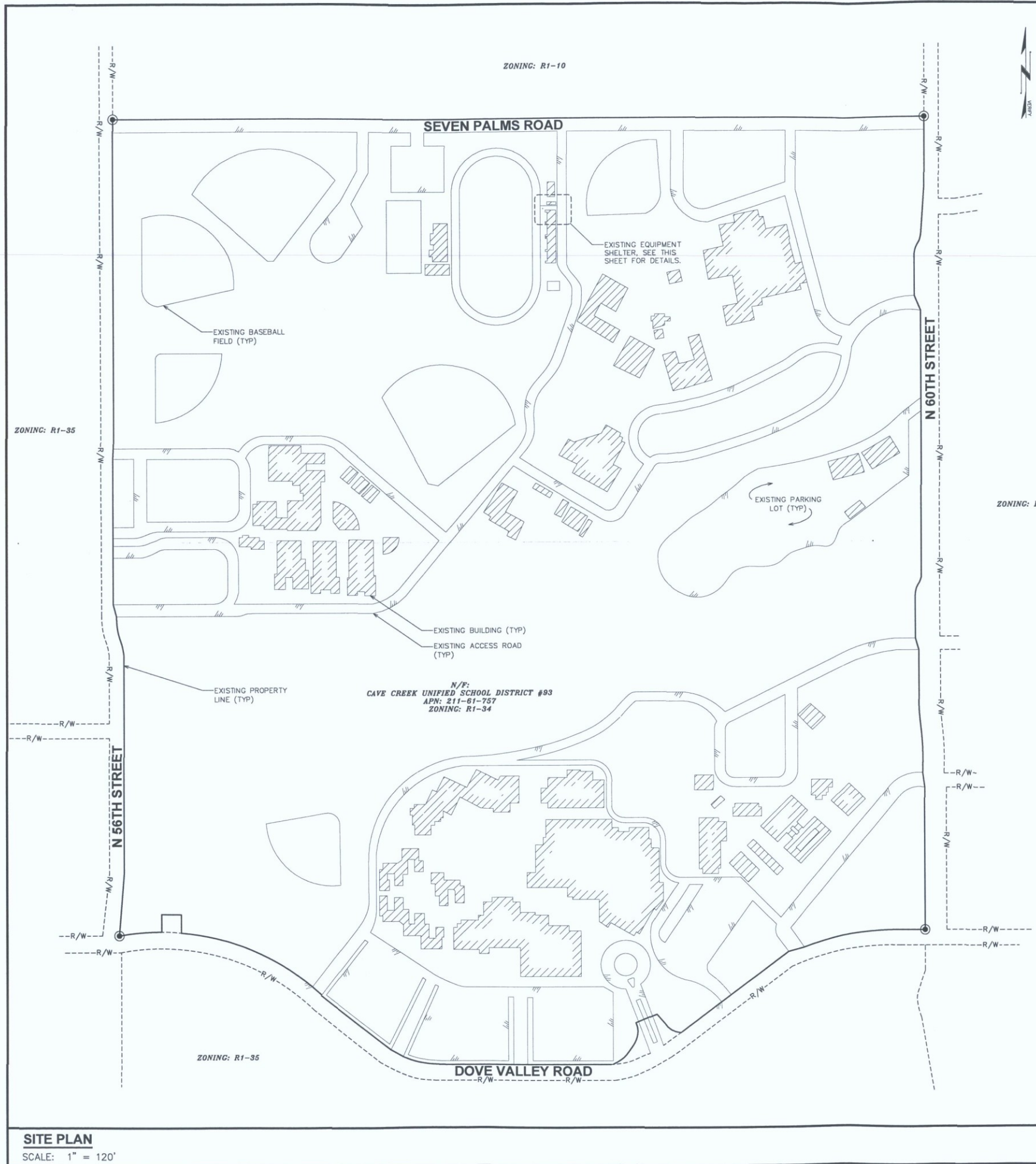
PLANS PREPARED BY:
TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-3530
OFFICE: (919) 661-6351
FAX: (919) 661-6350

REV	DATE	ISSUED FOR:	CHECKED BY:
2	07-21-16	CONSTRUCTION	ISM
1	05-10-16	CONSTRUCTION	
0	05-05-16	PRELIMINARY	

PROJECT INFORMATION:
PHO WINDY PCS
33016 N 60TH STREET
SCOTTSDALE, AZ 85266
(MARICOPA COUNTY)



SEAL:
TITLE SHEET
SHEET NUMBER: **T-1**
REVISION: **2**
TEP # 52061-71953



LEGEND

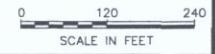
---	EXIST. PROPERTY LINE
⊕	EXIST. UTILITY POLE
⊞	EXIST. TELCO PEDESTAL
●	PROPERTY CORNER
---	EXIST. CONTOUR LINE
---	EDGE OF PAVEMENT
---	OVERHEAD WIRE
---	RIGHT-OF-WAY
X	CHAIN LINK FENCE
---	EXISTING TREE LINE

NOTES:

- SITE PLAN SHOWN BELOW TAKEN FROM INFORMATION PROVIDED BY MARICOPA COUNTY GIS. CONTRACTOR TO VERIFY ALL EXISTING INFORMATION IS AS INDICATED ON SITE PLAN. CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
- EXISTING INFORMATION INDICATED ON THE SITE PLAN WAS REPRODUCED FROM MAPS TAKEN FROM MARICOPA COUNTY GIS. TEP DOES NOT GUARANTEE, OR ENSURE THE PRECISION, ACCURACY, OR CORRECTNESS AND ASSUMES NO RESPONSIBILITY OR LIABILITY FOR DAMAGES, LOSS OF REVENUE, OR INJURY THAT MIGHT OCCUR. THE INFORMATION SUPPLIED BY THE CUSTOMER WAS INCORPORATED FOR REFERENCE ONLY.

**STIPULATION SET
RETAIN FOR RECORDS
APPROVED**

9-15-16 **KN**
DATE **INITIALS**



PLANS PREPARED FOR:

verizon wireless

126 WEST GEMINI DRIVE
TEMPE, AZ 85283
OFFICE: (480) 345-5600

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-8530
OFFICE: (919) 681-8351
FAX: (919) 681-6350

2	07-21-16	CONSTRUCTION
1	05-10-16	CONSTRUCTION
0	05-05-16	PRELIMINARY
REV	DATE	ISSUED FOR:

DRAWN BY: NIMW
CHECKED BY: KSM

PROJECT INFORMATION:

PHO WINDY PCS

33016 N 60TH STREET
SCOTTSDALE, AZ 85268
(MARICOPA COUNTY)

SEAL:

ABRAHAM A. SHAH
Professional Engineer
No. 50665
Arizona, U.S.A.
Expires: 03/31/2018

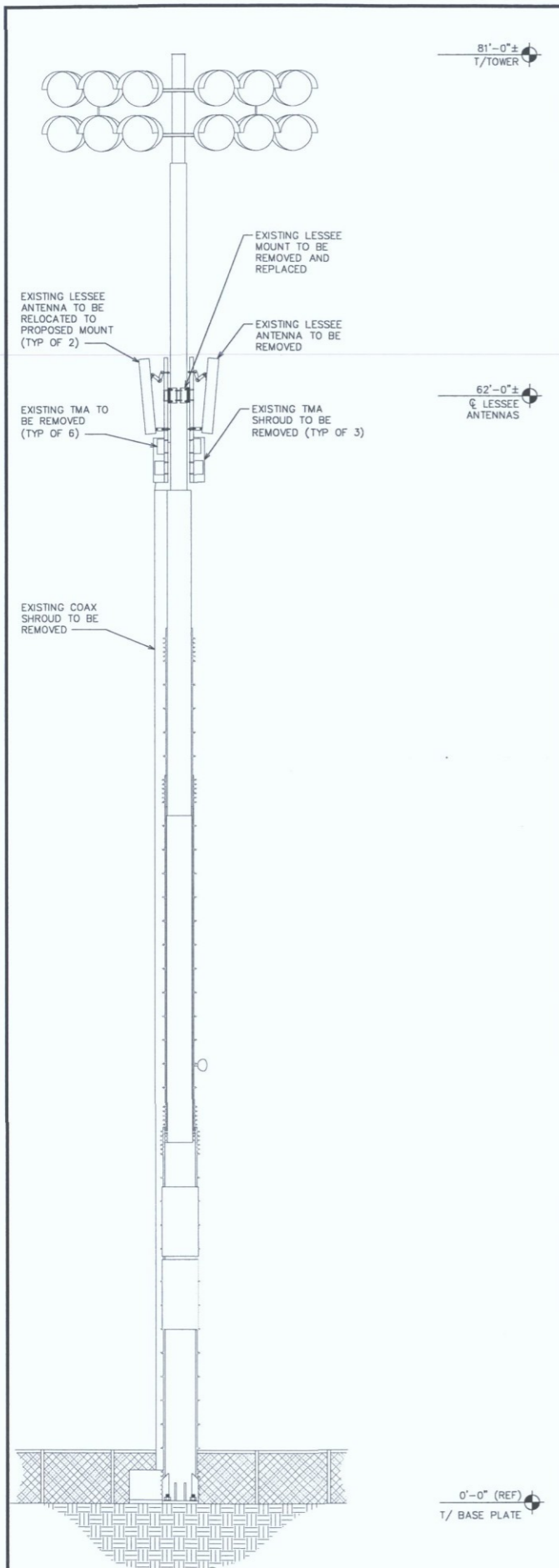
SHEET TITLE:
**SITE PLAN &
COMPOUND LAYOUT**

SHEET NUMBER:
C-1

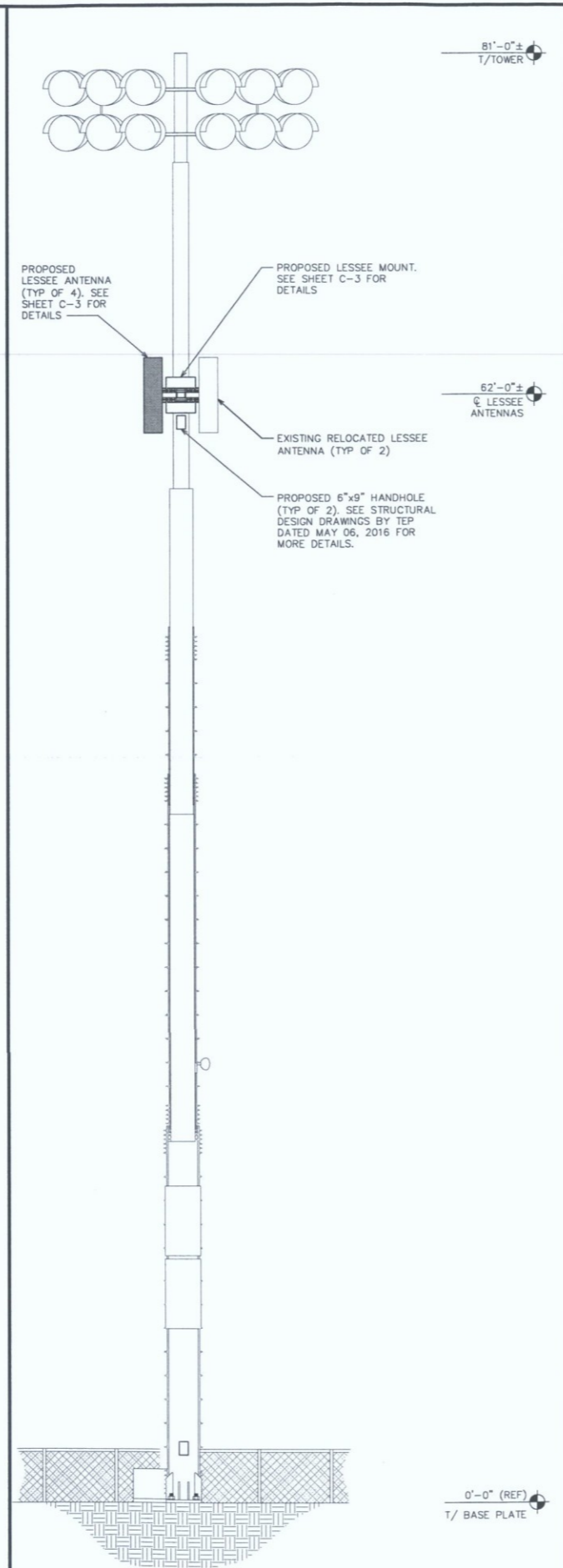
REVISION:
2

TEP #152061-71953

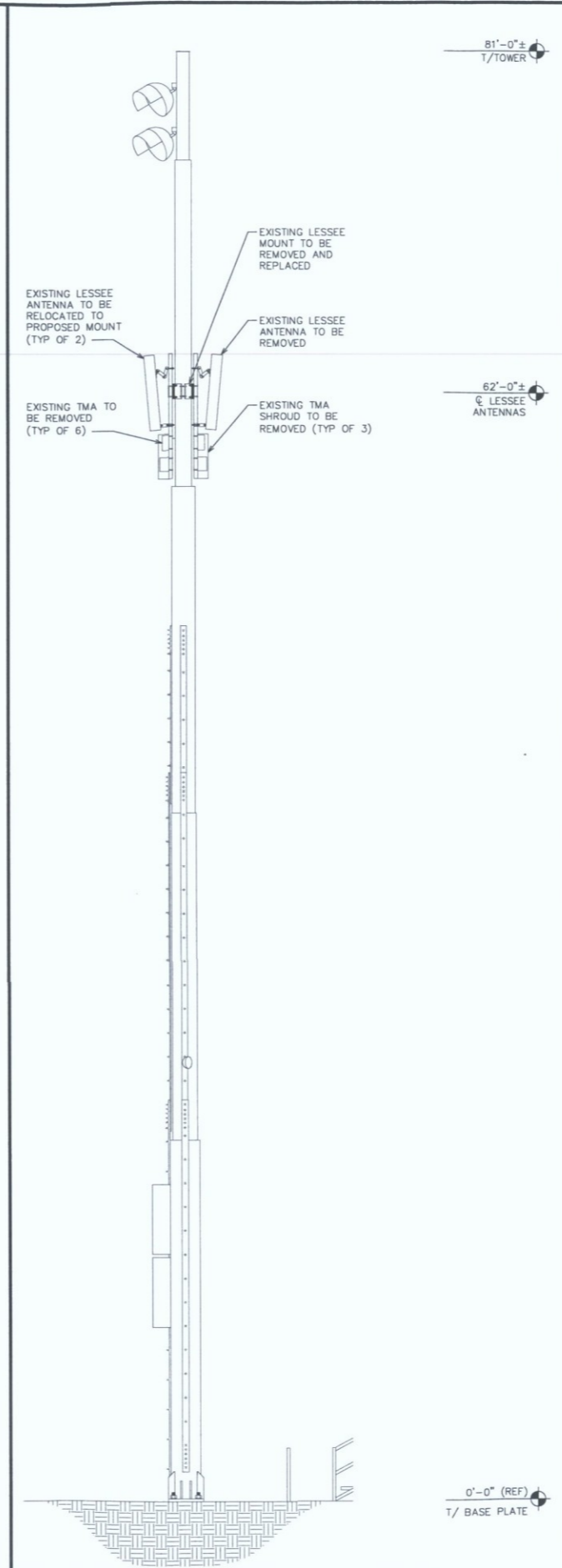
SITE PLAN
SCALE: 1" = 120'



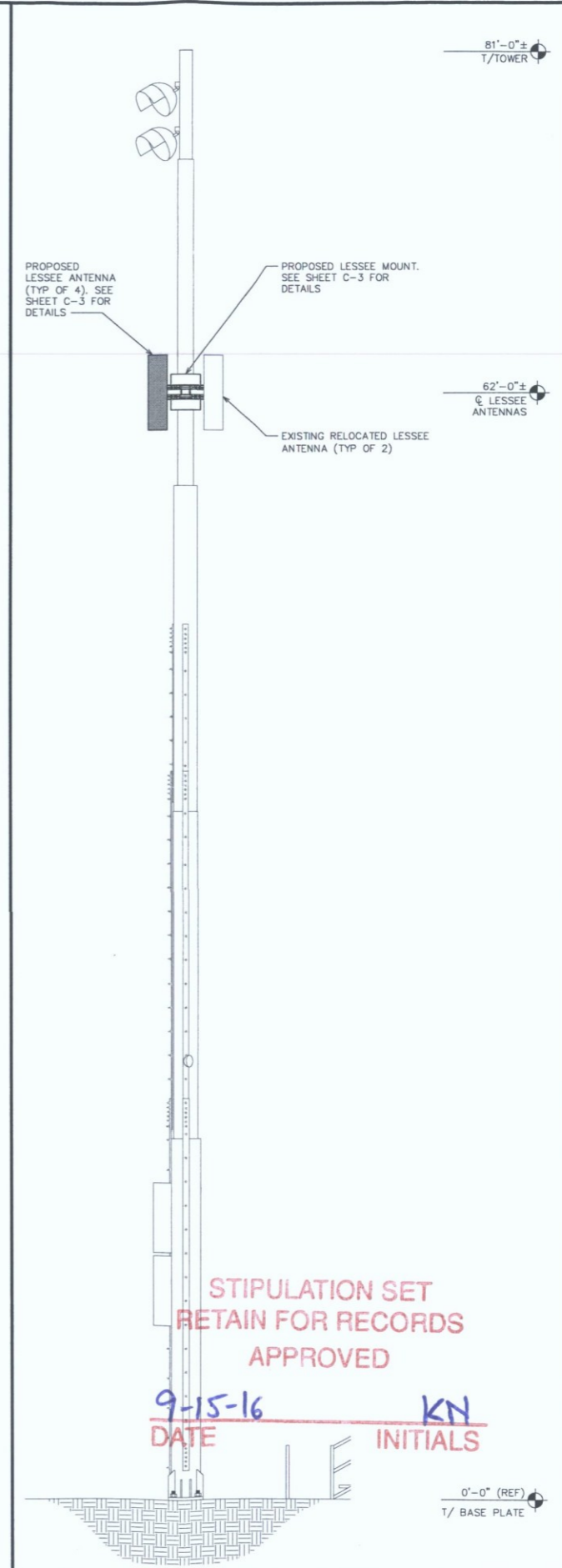
EXISTING WEST TOWER ELEVATION
SCALE: 1/4" = 1'-0"



PROPOSED WEST TOWER ELEVATION
SCALE: 1/4" = 1'-0"



EXISTING SOUTH TOWER ELEVATION
SCALE: 1/4" = 1'-0"



PROPOSED SOUTH TOWER ELEVATION
SCALE: 1/4" = 1'-0"

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-15-16 DATE
KN INITIALS

PLANS PREPARED FOR:

126 WEST GEMINI DRIVE
TEMPE, AZ 85283
OFFICE: (480) 346-5600

PLANS PREPARED BY:

TOWER ENGINEERING PROFESSIONALS
326 TRYON ROAD
RALEIGH, NC 27603-6630
OFFICE: (919) 861-6661
FAX: (919) 861-0350

2	07-21-16	CONSTRUCTION	CHECKED BY: KSM
1	05-10-16	CONSTRUCTION	
0	09-05-16	PRELIMINARY	
REV	DATE	ISSUED FOR:	
DRAWN BY: NAW			

PROJECT INFORMATION:

PHO WINDY PCS
33016 N. 60TH STREET
SCOTTSDALE, AZ 85266
(MARICOPA COUNTY)

SEAL:

SOUTH & WEST TOWER ELEVATIONS

SHEET NUMBER: **C-2**

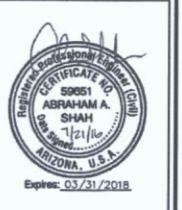
REVISION: 2

TEP # 2006171953

REV	DATE	ISSUED FOR	CHECKED BY
2	07-21-16	CONSTRUCTION	NSM
1	05-10-16	CONSTRUCTION	
0	05-05-16	PRELIMINARY	

PROJECT INFORMATION:

PHO WINDY PCS
33016 N 60TH STREET
SCOTTSDALE, AZ 85266
(MARICOPA COUNTY)



SHEET TITLE: **ANTENNA INFORMATION**

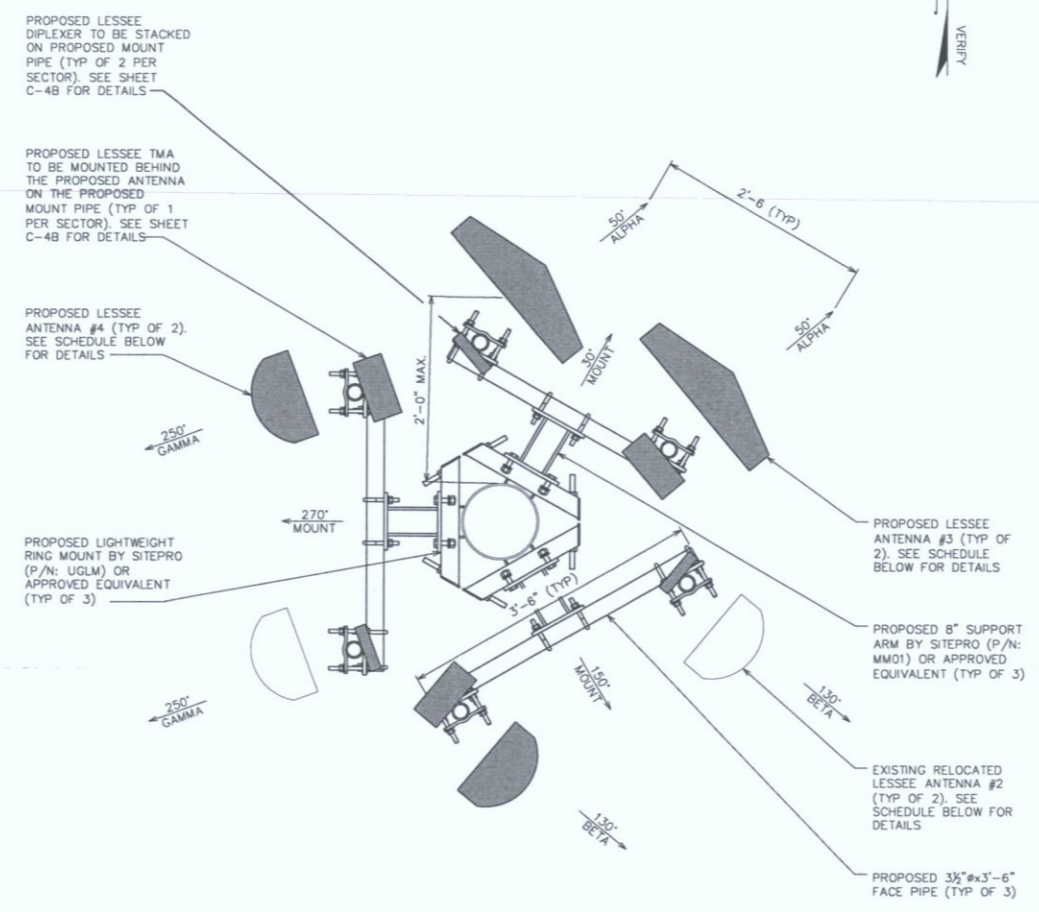
SHEET NUMBER: **C-3**

REVISION: **2**

TEP #5208171953

NOTES:

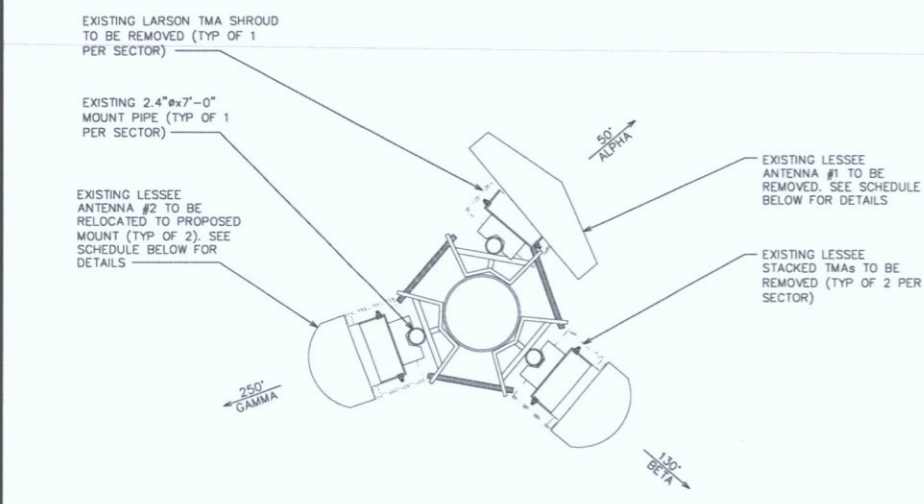
1. ALL PROPOSED EQUIPMENT IS TO BE PAINTED TO MATCH COLOR OF EXISTING LIGHT POLE.
2. ALL MOUNT PIPES TO BE TRIMMED TO MATCH ANTENNA HEIGHTS.
3. 2'-0" MAXIMUM STANDOFF DISTANCE FROM BACK OF THE ANTENNAS TO THE EXISTING LIGHT POLE.



POSITION	SECTOR	USE	MANUFACTURER (MODEL #)	MOUNTING HEIGHT	COAX SIZE	AZIMUTH (TN)	**COAX LENGTH	MECH. D-TILT	ELEC. D-TILT	RRH	TMA	DIP
1	ALPHA	850B/PCS D	ANTENNA #3	62±	(2) AVA5-50 3/8"	50°	-	5'	0'/0'	-	-	2
2	ALPHA	U700C/AWS	ANTENNA #3	62±	(2) LDF4-50A 1/2"	50°	-	5'	0'/0'	-	1	-
3	ALPHA	-	-	-	-	-	-	-	-	-	-	-
4	ALPHA	-	-	-	-	-	-	-	-	-	-	-
1	BETA	850B/PCS D	ANTENNA #2	62±	(2) AVA5-50 3/8"	130°	-	8'	4'/0'	-	-	2
2	BETA	U700C/AWS	ANTENNA #4	62±	(2) LDF4-50A 1/2"	130°	-	8'	4'/0'	-	1	-
3	BETA	-	-	-	-	-	-	-	-	-	-	-
4	BETA	-	-	-	-	-	-	-	-	-	-	-
1	GAMMA	850B/PCS D	ANTENNA #2	62±	(2) AVA5-50 3/8"	250°	-	9'	4'/0'	-	-	2
2	GAMMA	U700C/AWS	ANTENNA #4	62±	(2) LDF4-50A 1/2"	250°	-	9'	4'/0'	-	1	-
3	GAMMA	-	-	-	-	-	-	-	-	-	-	-
4	GAMMA	-	-	-	-	-	-	-	-	-	-	-

* ANTENNA DESIGN BASED ON INFORMATION PROVIDED BY VERIZON WIRELESS IN THE FORM OF A SMR DATED APRIL 30, 2015.
** CONTRACTOR TO VERIFY PROPOSED COAX LENGTH BEFORE INSTALLATION.

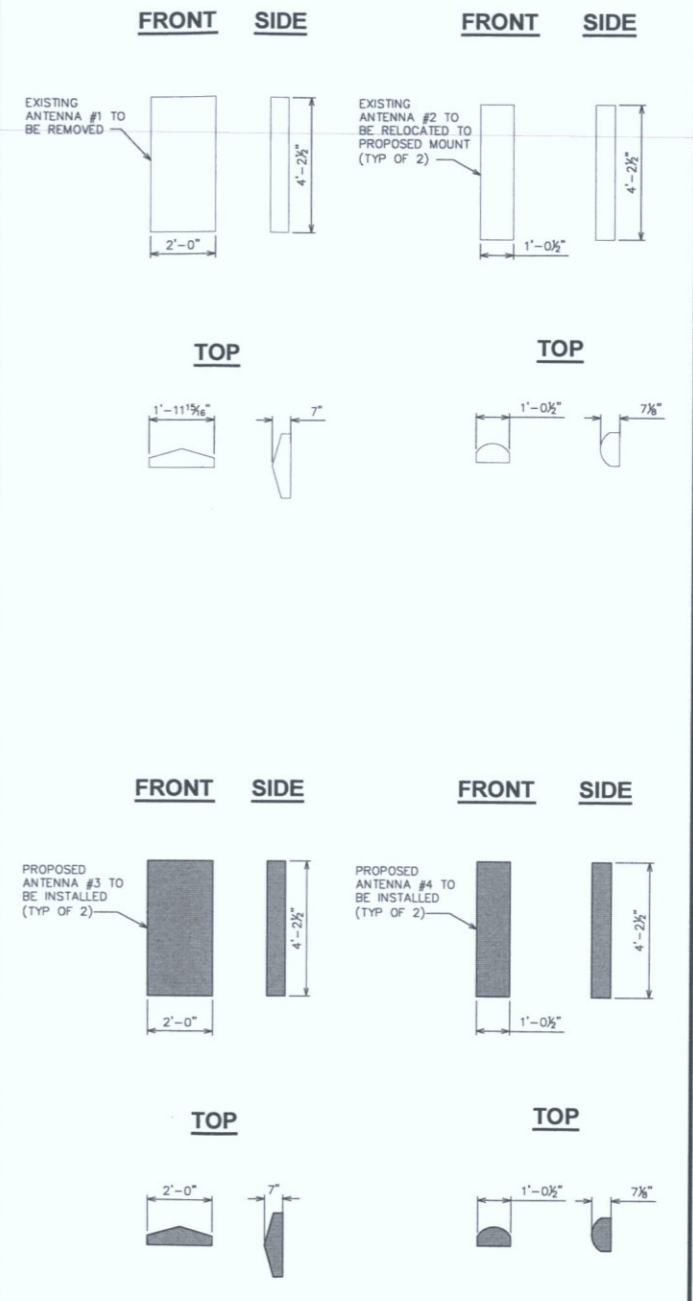
PROPOSED ANTENNA MOUNT DETAILS AT 62'-0"
SCALE: 1/2" = 1'-0"
SCALE IN FEET



POSITION	SECTOR	USE	MANUFACTURER (MODEL #)	MOUNTING HEIGHT	COAX SIZE	AZIMUTH (TN)	**COAX LENGTH	MECH. D-TILT	ELEC. D-TILT	TMA
1	ALPHA	CELL (B)/LTE 700/AWS	ANTENNA #1	62±	(2) AVA5-50 3/8"	50°	-	5'	0'/0'	1
2	ALPHA	-	-	-	(2) LDF4-50A 1/2"	-	-	-	-	1
3	ALPHA	-	-	-	-	-	-	-	-	-
4	ALPHA	-	-	-	-	-	-	-	-	-
1	BETA	CELL (B)/LTE 700/AWS	ANTENNA #2	62±	(2) AVA5-50 3/8"	130°	-	8'	4'/0'	1
2	BETA	-	-	-	(2) LDF4-50A 1/2"	-	-	-	-	1
3	BETA	-	-	-	-	-	-	-	-	-
4	BETA	-	-	-	-	-	-	-	-	-
1	GAMMA	CELL (B)/LTE 700/AWS	ANTENNA #2	62±	(2) AVA5-50 3/8"	250°	-	9'	4'/0'	1
2	GAMMA	-	-	-	(2) LDF4-50A 1/2"	-	-	-	-	1
3	GAMMA	-	-	-	-	-	-	-	-	-
4	GAMMA	-	-	-	-	-	-	-	-	-

* ANTENNA DESIGN BASED ON INFORMATION PROVIDED BY VERIZON WIRELESS IN THE FORM OF A SMR DATED APRIL 30, 2015.
** CONTRACTOR TO VERIFY EXISTING COAX LENGTH.

EXISTING ANTENNA MOUNT DETAILS AT 62'-0"
SCALE: 1" = 1'-0"
SCALE IN FEET



**STIPULATION SET
RETAIN FOR RECORDS
APPROVED**

9-15-16 DATE **KN** INITIALS

ANTENNA DETAILS
SCALE: N.T.S.