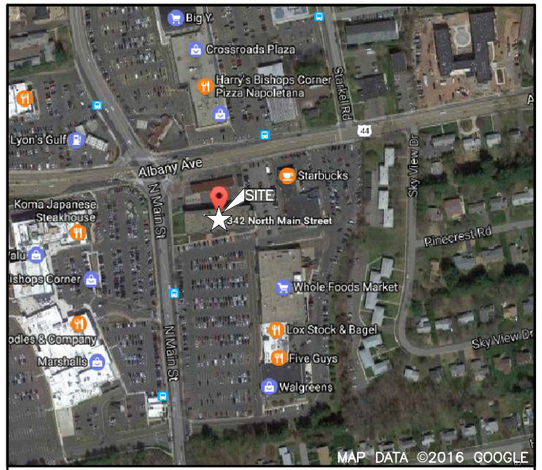
CELLCO PARTNERSHIP

d.b.a. **verizon** *wireless*

WIRELESS COMMUNICATIONS FACILITY

WEST HARTFORD NORTH RELO

342 NORTH MAIN STREET
WEST HARTFORD, CT 06117



VICINITY MAP — **SCALE: N.T.S.**

DIRECTIONS TO SITE:

99 EAST RIVER DRIVE
EAST HARTFORD, CT 06108
HEAD NORTHEAST ON E RIVER DR TOWARD DARLIN ST
TURN LEFT TO STAY ON E RIVER DR
TURN LEFT AT THE 1ST CROSS STREET ONTO CONNECTICUT BLVD
TURN LEFT ONTO THE ROUTE 84 W RAMP TO HARTFORD/ROUTE 91
MERGE ONTO I-84
TAKE EXIT 48 TOWARD ASYLUM STREET
MERGE ONTO GARDEN ST
TURN RIGHT ONTO ASYLUM AVE
TURN RIGHT ONTO N MAIN ST
DESTINATION WILL BE ON THE RIGHT
342 NORTH MAIN STREET
WEST HARTFORD, CT 06117

CONSULTANT TEAM

PROJECT ENGINEER

HUDSON DESIGN GROUP, LLC
1600 OSGOOD STREET
BUILDING 20 NORTH, SUITE 3090
NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
FAX: 1-(978)-336-5586

MEP ENGINEER

HUDSON DESIGN GROUP, LLC
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NORTH ANDOVER, MA 01845
TEL: 1-(978)-557-5553
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PROJECT SUMMARY

SITE NAME:	WEST HARTFORD NORTH RELO
SITE ADDRESS:	342 NORTH MAIN STREET WEST HARTFORD, CT 06117
APPLICANT:	CELLCO PARTNERSHIP d/b/a VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
SITE ACQUISITION CONTACT:	ALEKSEY TYURIN CELLCO PARTNERSHIP (806) 803-8213
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN ESQ. ROBINSON + COLE LLP (860)275-8345
LATITUDE:	N41° 47' 07.115"
LONGITUDE:	W72° 44' 46.096"
GROUND ELEVATION:	160.50'± AMSL

SHEET INDEX

SHT. NO.	DESCRIPTION
T-1	TITLE SHEET
Z-1	ROOF PLAN
Z-2	ELEVATION
Z-3	ANTENNA MOUNTING DETAILS

SCOPE OF WORK INFO.

1. THE GENERAL SCOPE OF WORK CONSISTS OF THE CONSTRUCTION OF A 12'x12' PROPOSED CELLCO PARTNERSHIP WIRELESS COMMUNICATIONS EQUIPMENT SHELTER ATOP PROPOSED STEEL DUNNAGE TO ACCOMMODATE CELLCO PARTNERSHIP INDOOR EQUIPMENT ON THE SUBJECT PROPERTY.
2. THE PROPOSED CELLO PARTNERSHIP 24'x21'± EQUIPMENT PLATFORM WITHIN 23'-6"x40' SCREENING WALL ON PROPOSED STEEL DUNNAGE TO ACCOMMODATE PROPOSED OUTDOOR EQUIPMENT AND BACKUP POWER GENERATOR.
3. THE PROPOSED CELLCO PARTNERSHIP ANTENNA INSTALLATION TO CONSIST OF (3) SECTORS OF (4) ANTENNAS EACH FOR A TOTAL OF (12) ANTENNAS ATOP THE EXISTING SUBJECT BUILDING BEHIND RF TRANSPARENT SCREENING.
4. POWER, NATURAL GAS, GROUND & TELCO UTILITIES SHALL BE ROUTED IN CONDUITS UP EXTERIOR WALL INSIDE PROPOSED COVERED TRAY PAINTED TO MATCH COLOR OF EXISTING BUILDING TO THE PROPOSED EQUIPMENT SHELTER.
5. THE SITE SHALL BE DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2016 CONNECTICUT SUPPLEMENT, INCLUDING THE TIA/EIA-222 REVISION "G" "STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND SUPPORTING STRUCTURES." 2005 CONNECTICUT FIRE SAFETY CODE AND 2009 AMENDMENTS, NATIONAL ELECTRICAL CODE AND LOCAL CODES.
6. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
7. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT.

ZONING INFORMATION

PARCEL SIZE: ±1.137 ACRES

ZONING DISTRICT: BS (SHOPPING CENTER DISTRICT)

PROPOSED USE: WIRELESS TELECOMMUNICATION SITE

ITEM	PERMITTED	PROVIDED	PROPOSED
MAX. BUILDING HEIGHT	45 FT.	±69.2 FT* (TOP OF EXISTING FLAGPOLE)	±54.25 FT (TOP OF PROP. ANTENNAS)

* EXISTING NON-CONFORMITY

FOR ZONING

PREPARED FOR: CELLCO PARTNERSHIP D.B.A.

verizon

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1600 OSGOOD STREET
BUILDING 20 NORTH, SUITE 3090
N. ANDOVER, MA 01845
TEL: (978) 557-5553
FAX: (978) 336-5586

CHECKED BY: DJR

APPROVED BY: DPH

SUBMITTALS

REV.	DATE	DESCRIPTION	BY
5	01/23/17	REVISED PER COMMENTS	SLY
4	01/19/17	REVISED PER COMMENTS	SLY
3	01/13/17	REVISED PER COMMENTS	GC
2	01/06/17	REVISED PER COMMENTS	SLY
1	01/05/17	ISSUED FOR REVIEW	JES
0	12/21/16	ISSUED FOR REVIEW	GC

SITE NAME:

WEST HARTFORD NORTH RELO

SITE ADDRESS:

342 NORTH MAIN STREET
WEST HARTFORD, CT 06117

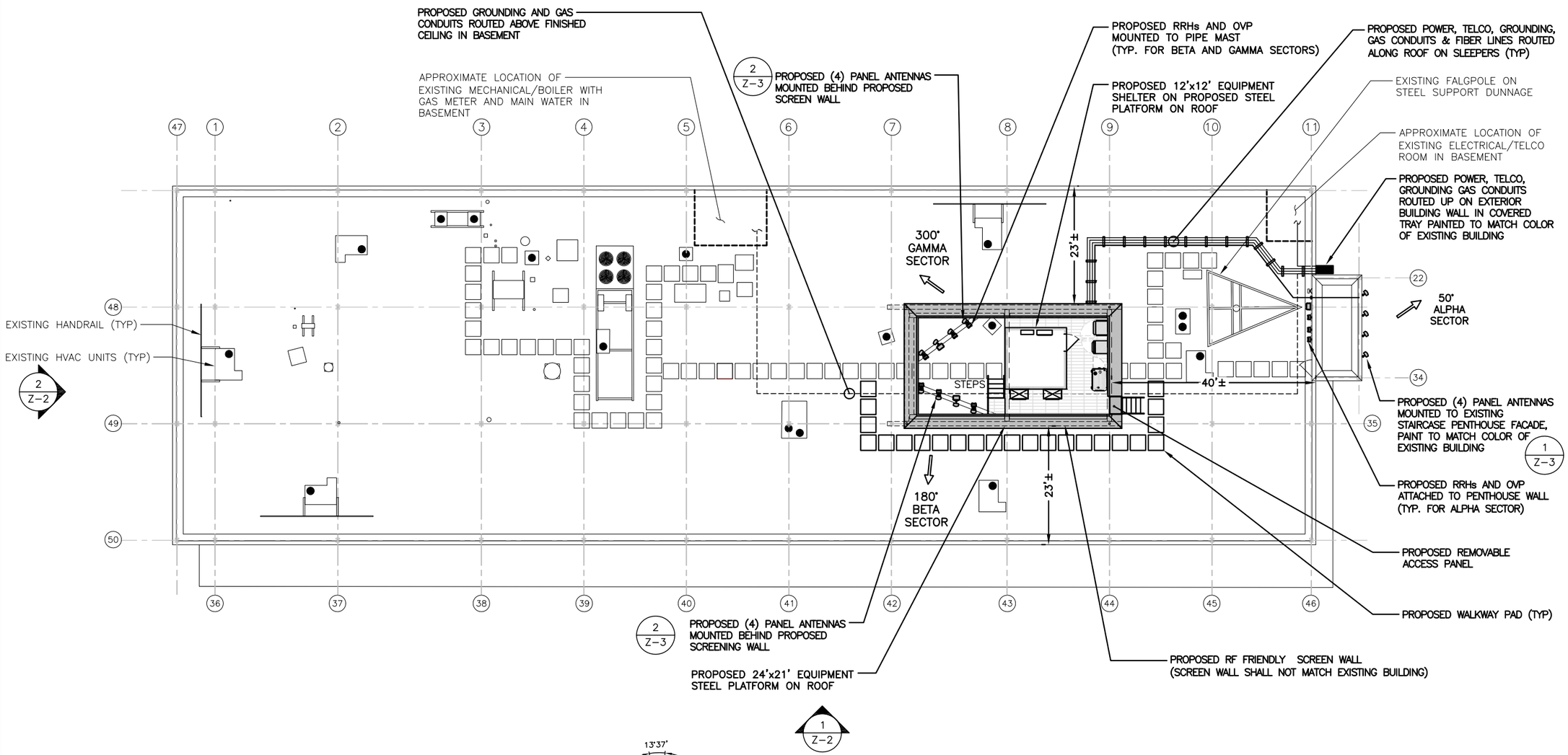
SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

FOR ZONING



ROOF PLAN 1 Z-1
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"

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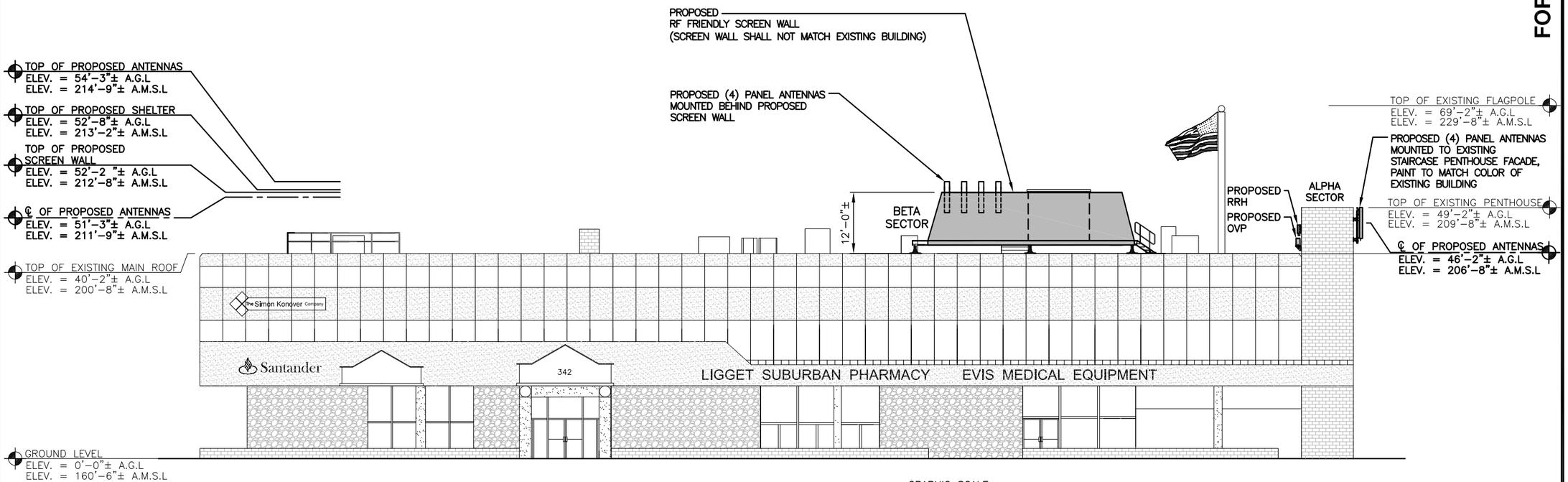
SHEET TITLE

ROOF PLAN

SHEET NUMBER

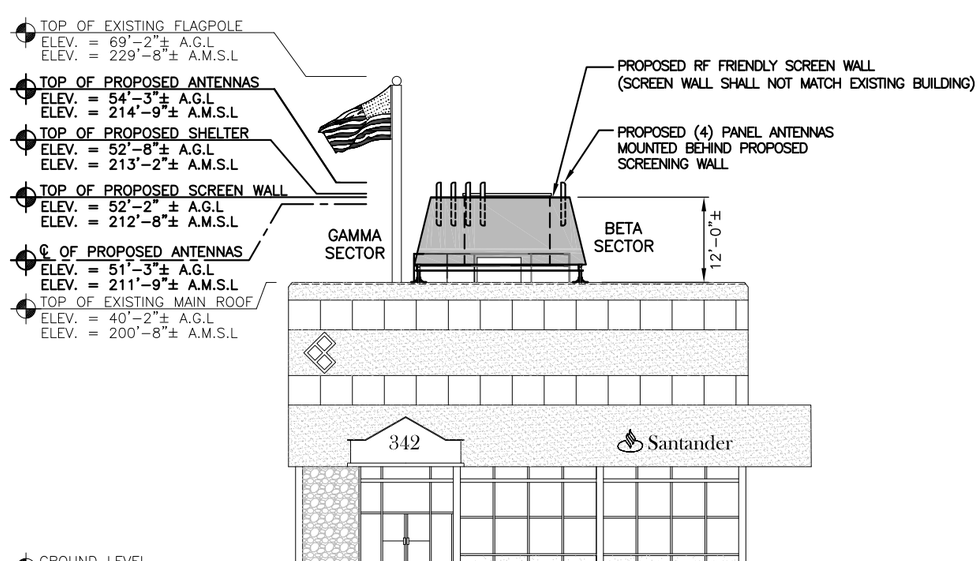
Z-1

FOR ZONING



SOUTH ELEVATION (1 / Z-2)
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"



WEST ELEVATION (1 / Z-2)
22x34 SCALE: 3/32"=1'-0"
11x17 SCALE: 3/64"=1'-0"

GRAPHIC SCALE
0 5'-4" 10'-8" 21'-4" 32'-0"

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SHEET TITLE

ELEVATION

SHEET NUMBER

Z-2

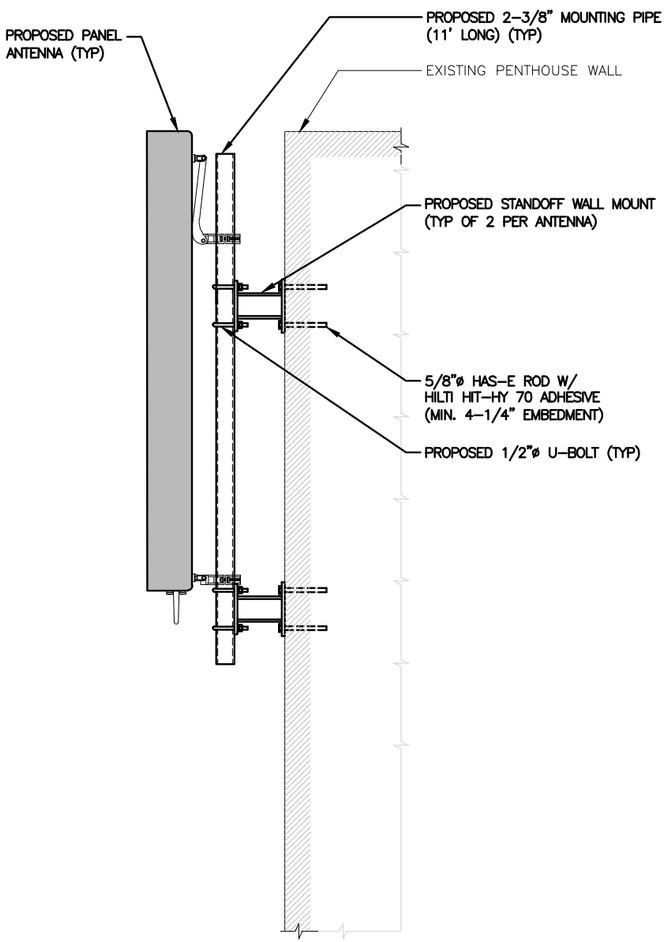
NOTES

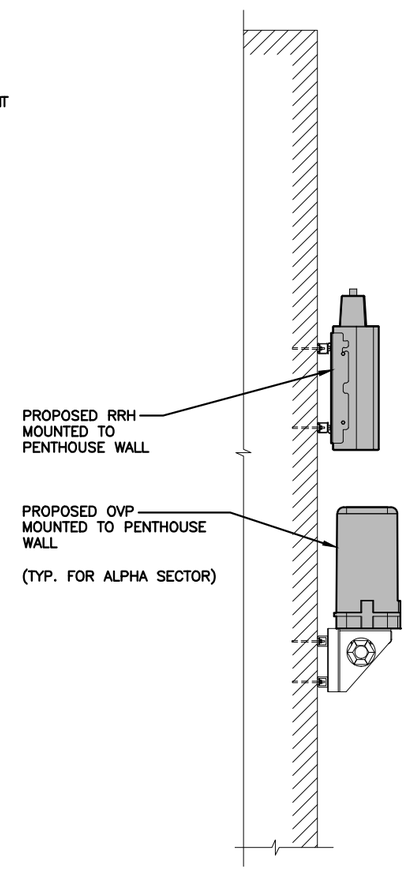
1. PROPOSED ANTENNA SPACING DIMENSIONS SHOWN ARE MINIMUM ANTENNA AZIMUTH SEPARATIONS. ACTUAL ANTENNA MOUNT SEPARATIONS TO BE VERIFIED IN FIELD.
2. (3) SECTORS OF (4) ANTENNAS EACH OF A TOTAL OF (12) ANTENNAS AND ASSOCIATED APPURTENANCES ARE PROPOSED TO BE INSTALLED.
3. FINAL SCREENING/ANTENNA MOUNT DESIGN TO BE COMPLETED DURING THE CONSTRUCTION DOCUMENT PHASE OF PROJECT.

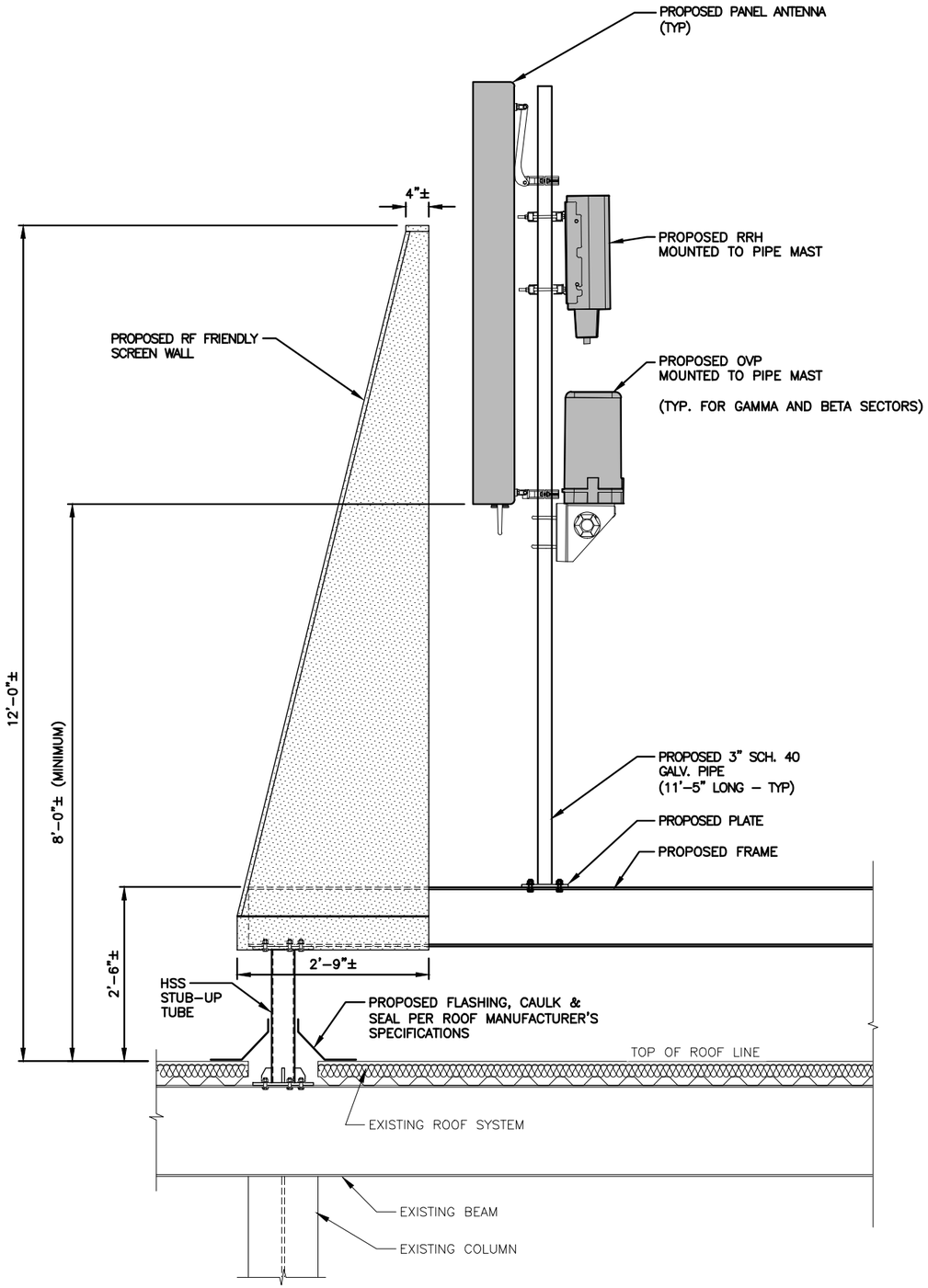
RRH/DISTRIBUTION BOX MOUNTING NOTE

- AWS RRH (MODEL: ALU RRH2x60–AWS)
  (DIMS: 36.7"L x 10.6"W x 5.8"D)
  (TYP. OF 1 PER SECTOR FOR A TOTAL OF 3)
- LTE RRH (MODEL: ALU RRH2x60–700U)
  (DIMS: 21.0"L x 12.0"W x 8.0"D)
  (TYP. OF 1 PER SECTOR FOR A TOTAL OF 3)
- PCS RRH (MODEL: ALU RRH2x60–PCS)
  (DIMS: 21.5"L x 12"W x 7.4"D)
  (TYP. OF 1 PER SECTOR FOR A TOTAL OF 3)
- MAIN DISTRIBUTION BOX (MODEL: DB–T1–6Z–8AB–0Z)
  (DIMS: 24.0"L x 24.0"W x 10.0"D)
  (TYP. OF 2 TOTAL)

ANTENNA, RRH AND MAIN DISTRIBUTION BOX MOUNTED TO PIPE MAST.







ANTENNA MOUNTING DETAIL (ALPHA SECTOR) (1 / Z–3)
22x34 SCALE: 1"=1'–0"
11x17 SCALE: 1/2"=1'–0"

GRAPHIC SCALE 0 .5 1 2 3 FEET

ANTENNA MOUNTING DETAIL (BETA & GAMMA SECTOR) (2 / Z–3)
22x34 SCALE: 1"=1'–0"
11x17 SCALE: 1/2"=1'–0"

GRAPHIC SCALE 0 .5 1 2 3 FEET

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SHEET TITLE
ANTENNA MOUNTING DETAILS

SHEET NUMBER
Z-3