



WIRELESS COMMUNICATIONS FACILITY

WEST HARTFORD NORTH RELO
 342 NORTH MAIN STREET
 WEST HARTFORD, CT 06117

SITE INFORMATION

1. THE GENERAL SCOPE OF WORK CONSISTS OF THE CONSTRUCTION OF A 12'x12' PROPOSED CELCO PARTNERSHIP WIRELESS COMMUNICATIONS EQUIPMENT SHELTER ATOP PROPOSED STEEL DUNNAGE TO ACCOMMODATE CELCO PARTNERSHIP INDOOR EQUIPMENT ON THE SUBJECT PROPERTY.
2. THE PROPOSED CELCO PARTNERSHIP 15'x16'± EQUIPMENT PLATFORM ON PROPOSED STEEL DUNNAGE TO ACCOMMODATE PROPOSED OUTDOOR EQUIPMENT AND BACKUP POWER GENERATOR.
3. THE PROPOSED CELCO 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 2003 INTERNATIONAL BUILDING CODE AS MODIFIED BY THE 2009 CONNECTICUT SUPPLEMENT, INCLUDING THE TIA/EIA-222 REVISION "F" "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.

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE, EAST HARTFORD, CT.
 TO: 342 NORTH MAIN STREET, WEST HARTFORD, CT

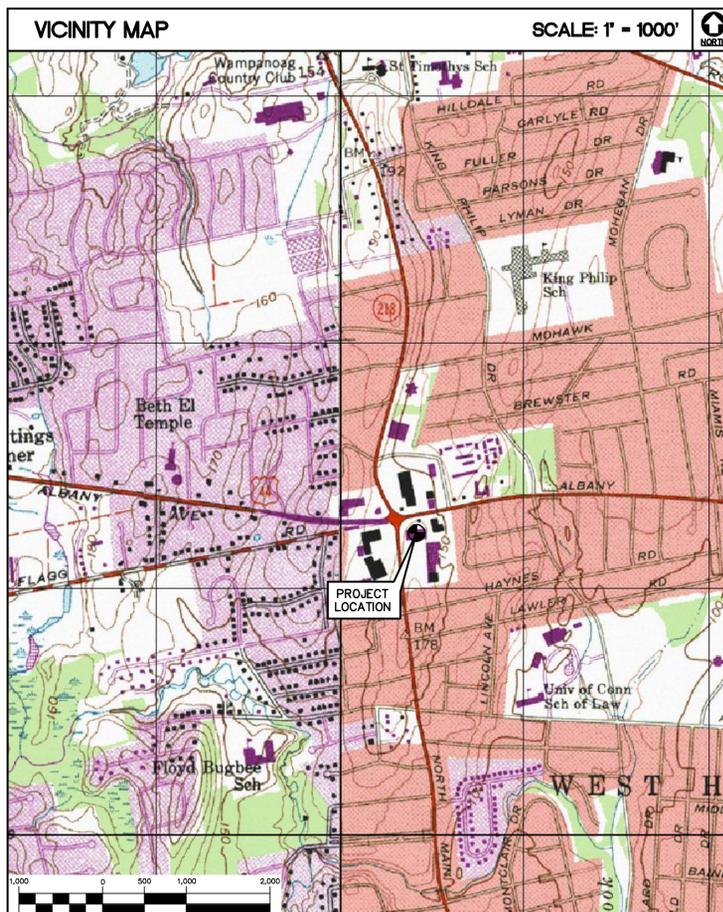
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|--|--------|
| 1. HEAD NORTHEAST ON E RIVER DR TOWARD DARLIN ST | 0.3 MI |
| 2. TURN LEFT TO STAY ON E RIVER DR | 354 FT |
| 3. TURN LEFT AT THE 1ST CROSS STREET ONTO CONNECTICUT BLVD | 0.2 MI |
| 4. TURN LEFT ONTO THE I-84W RAMP TO HARTFORD/I-91 | 482 FT |
| 5. MERGE ONTO I-84 | 1.2 MI |
| 6. TAKE EXIT 48 TOWARD ASYLUM STREET | 472 FT |
| 7. MERGE ONTO SPRING ST | 125 FT |
| 8. CONTINUE ONTO GARDEN ST | 233 FT |
| 9. TURN RIGHT ONTO ASYLUM AVE | 3.4 MI |
| 10. TURN RIGHT ONTO N MAIN ST AND DESTINATION WILL BE ON THE RIGHT | 0.4 MI |

ZONING INFORMATION

PARCEL SIZE: ±1.37 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)	±52.7 FT (TOP OF PROP. EQUIP. SHELTER)

*EXISTING NON-CONFORMITY



PROJECT SUMMARY

SITE NAME: WEST HARTFORD NORTH RELO
 SITE ADDRESS: 342 NORTH MAIN ST, WEST HARTFORD CT 06117
 LESSEE/APPLICANT: CELCO PARTNERSHIP d.b.a. VERIZON WIRELESS
 99 EAST RIVER DRIVE, EAST HARTFORD, CT. 06108
 VERIZON SITE ACQUISITION CONTACT: ALEKSEY TYURIN
 CELCO PARTNERSHIP (860) 803-8213
 LEGAL/REGULATORY COUNSEL: KENNETH C. BALDWIN, ESQ.
 ROBINSON & COLE LLP 860-257-8345
 ENGINEER: CENTEK ENGINEERING, INC.
 63-2 NORTH BRANFORD RD. BRANFORD, CT. 06405
 PROJECT COORDINATES: LATITUDE: 41°-47'-07.115"N
 LONGITUDE: 72°-44'-46.096"W
 GROUND ELEVATION: 160.50'± AMSL
 COORDINATES AND GROUND ELEVATION REFERENCED FROM FAA 1-A SURVEY CERTIFICATION AS PREPARED BY CENTEK ENGINEERING, DATED AUGUST 30, 2016.

LEGEND

SYMBOL	DESCRIPTION
	SECTION OR DETAIL NUMBER SHEET WHERE DETAIL/SECTION OCCURS
	ELEVATION NUMBER SHEET WHERE ELEVATION OCCURS

SHEET INDEX

SHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	0
Z-1	SITE/ROOF PLAN & BUILDING ELEVATIONS	0
Z-2	ANTENNA CONFIGURATION AND MOUNTING DETAILS	0

PROFESSIONAL ENGINEER SEAL



CENTEK Engineering
 Centek of Solutions
 (203) 668-0580
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 www.CentekEng.com

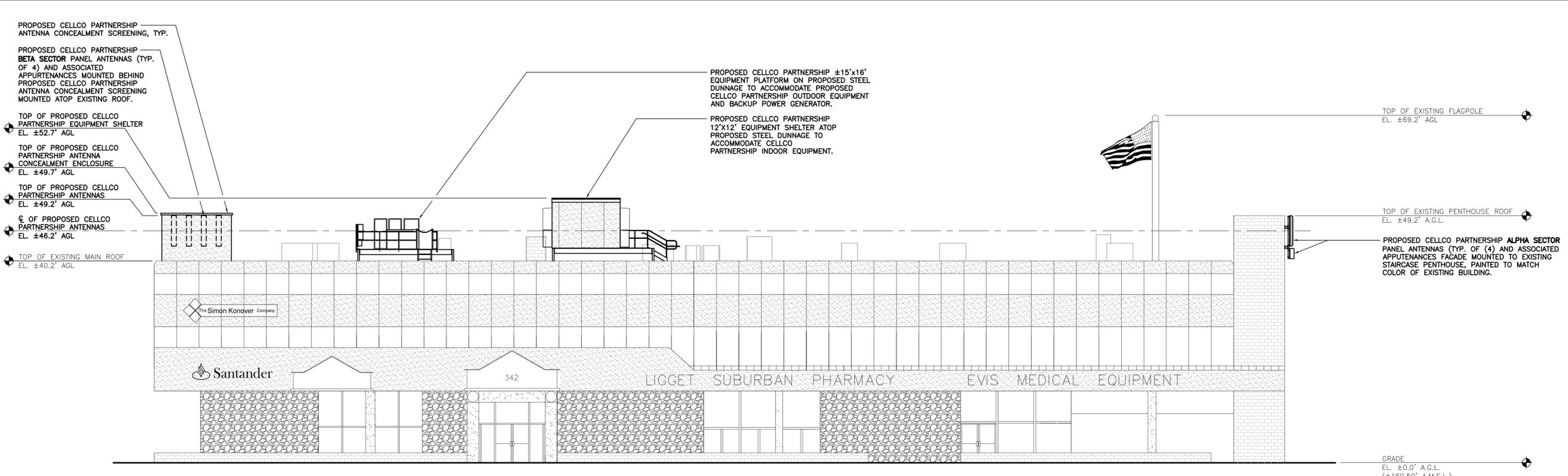
Cellco Partnership d/b/a Verizon Wireless
WEST HARTFORD
NORTH RELO
 342 NORTH MAIN STREET
 WEST HARTFORD, CT 06117

DATE: 08/10/16
 SCALE: AS NOTED
 JOB NO. 15181.000

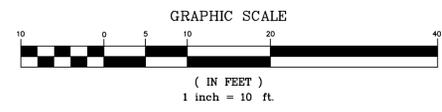
TITLE SHEET

T-1
 Sheet No. 1 of 3

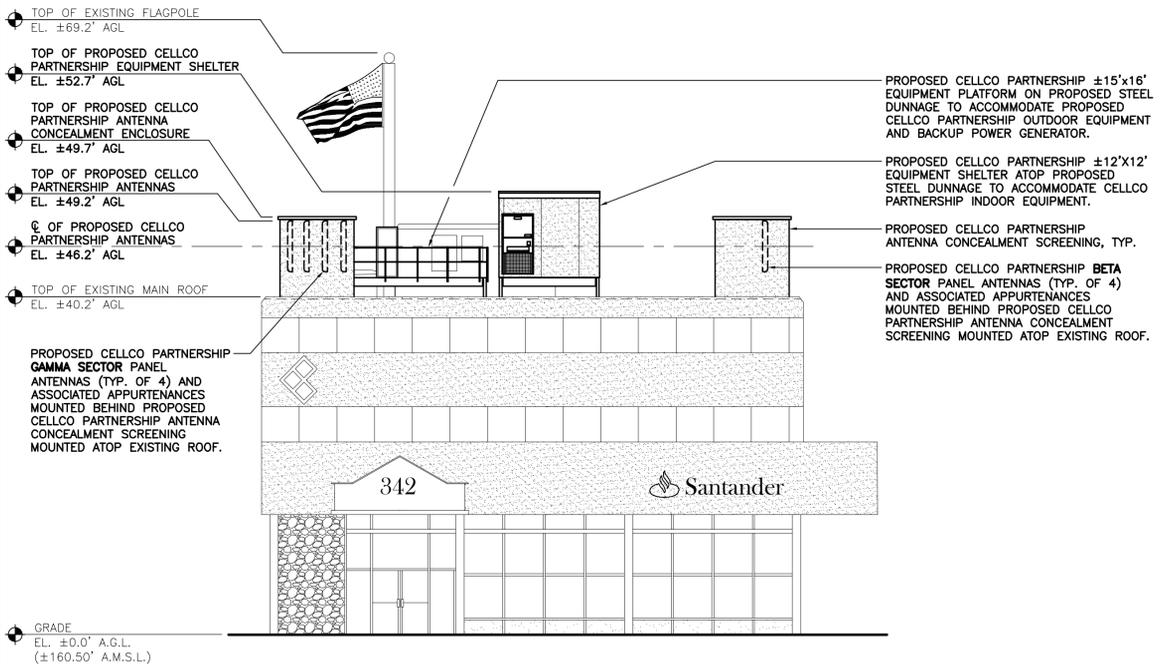
REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
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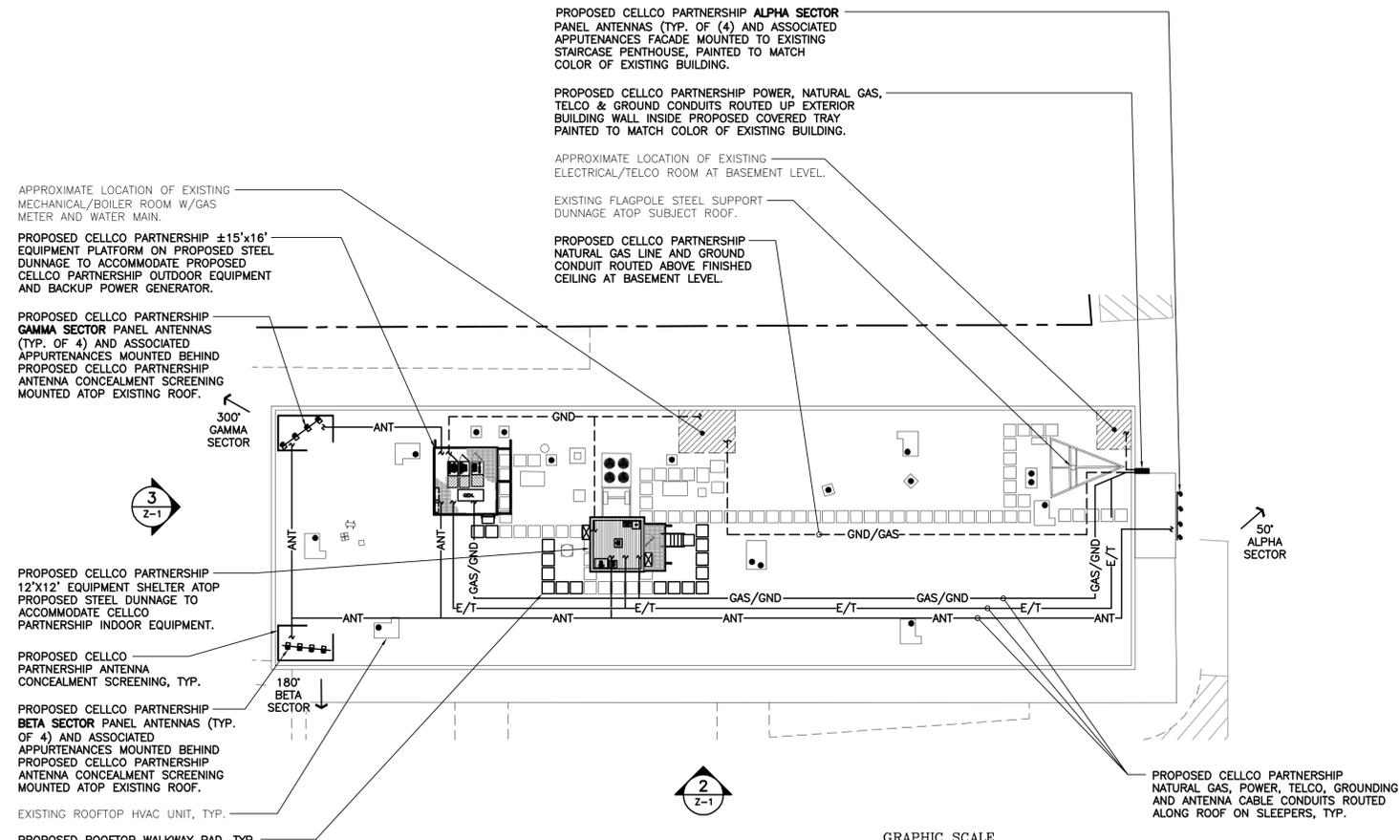
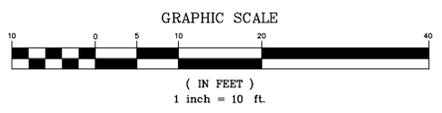
2 SOUTH ELEVATION
SCALE: 1" = 10'



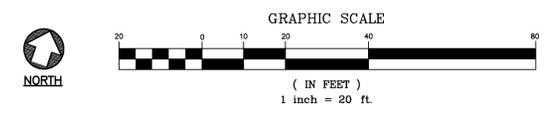
NATURAL GAS SERVICE NOTE:
EXISTING NATURAL GAS SERVICE TO HOST BUILDING SHALL BE VERIFIED TO ENSURE THERE IS SUFFICIENT CAPACITY FOR THE VERIZON WIRELESS GENERATOR INSTALLATION PRIOR TO PURCHASE AND/OR CONSTRUCTION ACTIVITY.



3 WEST ELEVATION
SCALE: 1" = 10'



1 SITE/ROOF PLAN
SCALE: 1" = 20'



PROFESSIONAL ENGINEER SEAL	ZONING DRAWINGS - ISSUED FOR CLIENT REVIEW
DATE	08/10/16
REV.	0
DRAWN BY	LCL
CHECKED BY	HMR
DATE	08/01/16
DESCRIPTION	

verizon

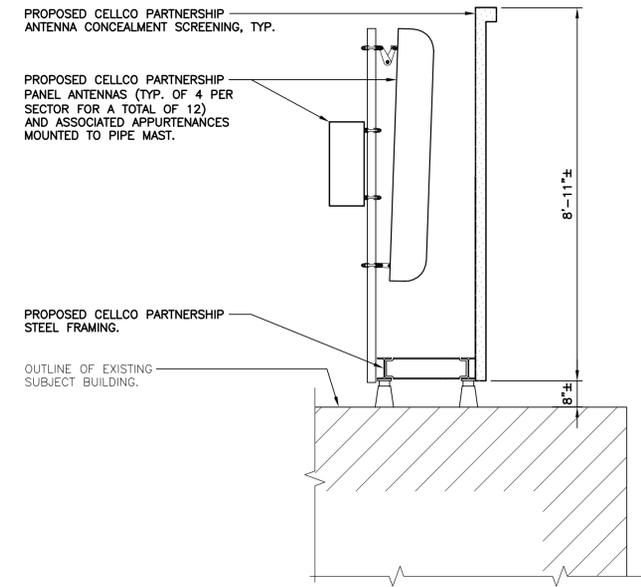
CENTEK-engineering
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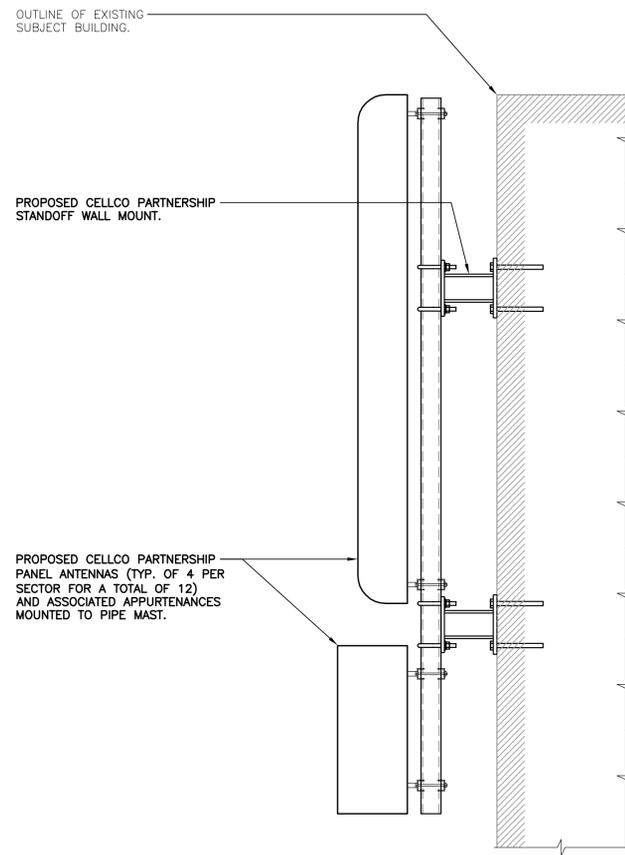
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SITE/ROOF PLAN & BUILDING ELEVATIONS

Z-1
Sheet No. 2 of 3



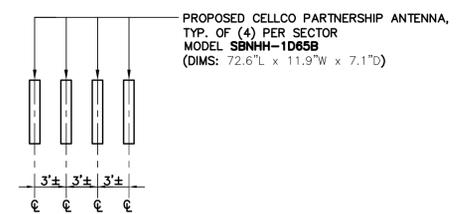
2 TYP. ANTENNA SCREENING DETAIL
Z-2 NOT TO SCALE



3 TYP. FACADE MOUNT DETAIL
Z-2 NOT TO SCALE

- 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.



1 TYP. ANTENNA SECTOR MOUNTING CONFIGURATION
Z-2 NOT TO SCALE

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
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verizon

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ANTENNA CONFIGURATION AND MOUNTING DETAILS

Z-2

Sheet No. 3 of 3