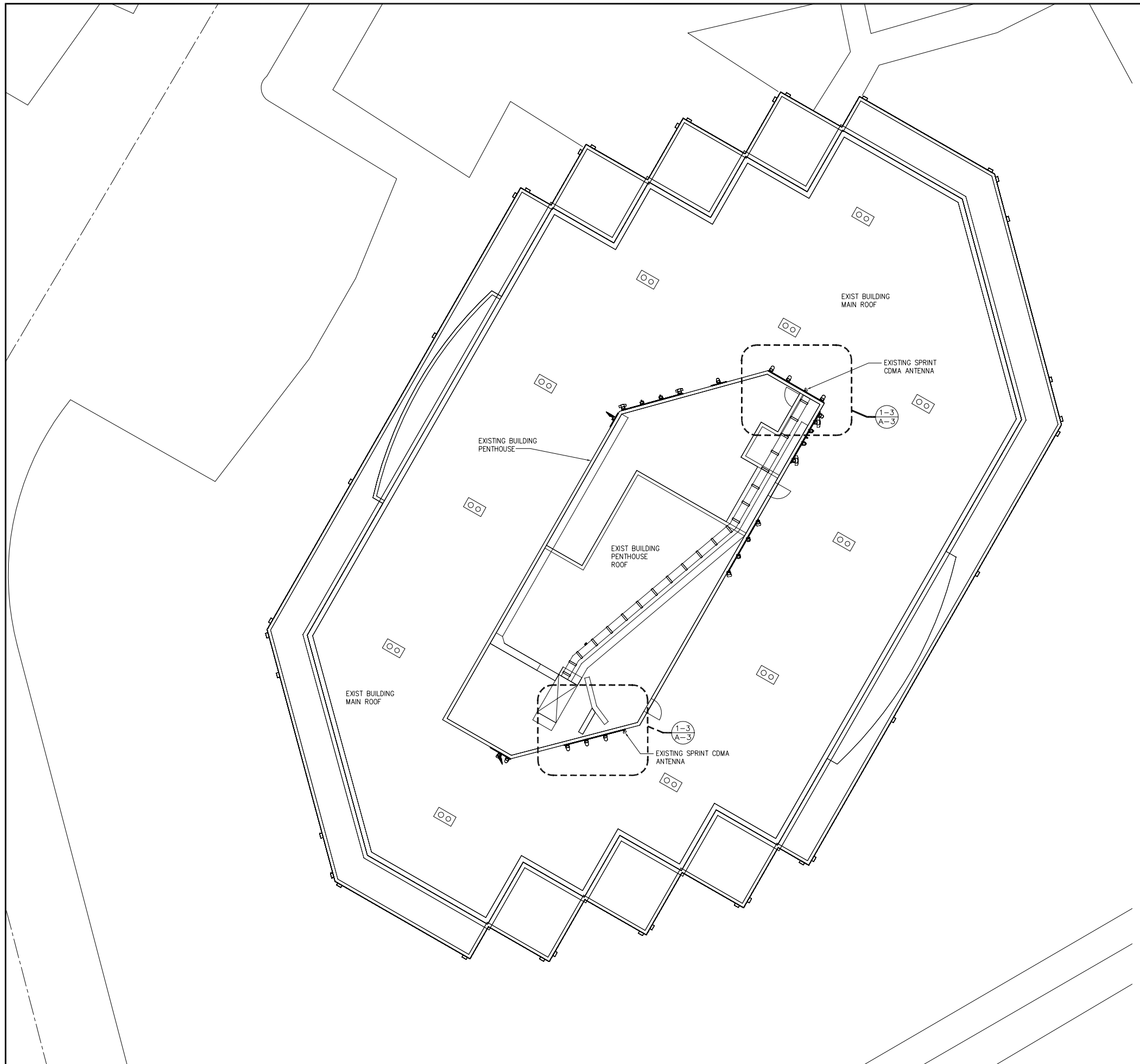
NOTE:
STRUCTURAL ANALYSIS MUST BE PREFORMED ON ALL ROOFTOPS, FLAGPOLES AND TOWER SITES BEFORE INSTALLATION OF NEW ANTENNAS, NEW RRUS, & NEW CABINETS/TEMPORARY PLATFORM. STRUCTURAL ANALYSIS PROVIDED BY OTHERS



22"x34" SCALE: 3/32" = 1'-0"
11"x17" SCALE: 3/64" = 1'-0"
8' 4' 0" 8'

EXISTING ENLARGED SITE PLAN | 1

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GENERAL DYNAMICS
WIRELESS SERVICES

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4720 200TH STREET SW SUITE 200
LYNNWOOD, WA 98036
PHONE: 425.670.8651
FAX: 425.712.0846

PROJECT INFORMATION:

NETWORK VISION MMBTS LAUNCH

CARILLON POINT

SE74XC225

3000 Carillon Point
KIRKLAND, WA 98033
KING COUNTY

ISSUE DATE:

03-27-12

ISSUED FOR:

SITE AUDIT

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	03/27/12	ISSUED FOR REVIEW	HG

NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:

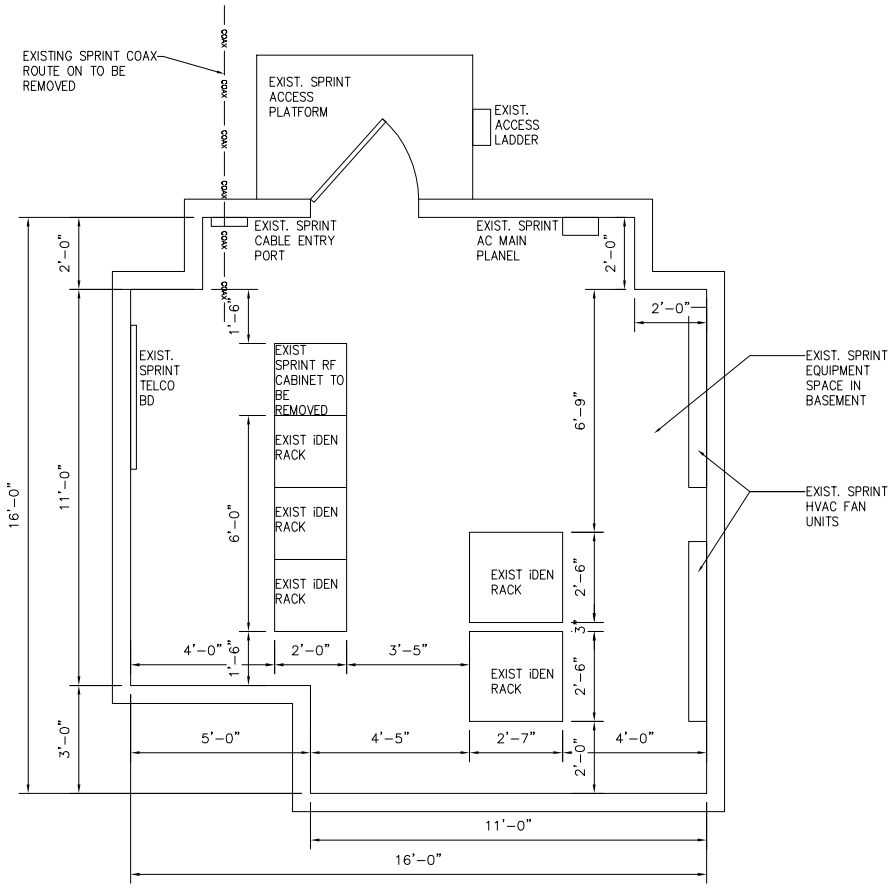
SHEET TITLE:

ENLARGED SITE PLAN

SHEET NUMBER: A-1

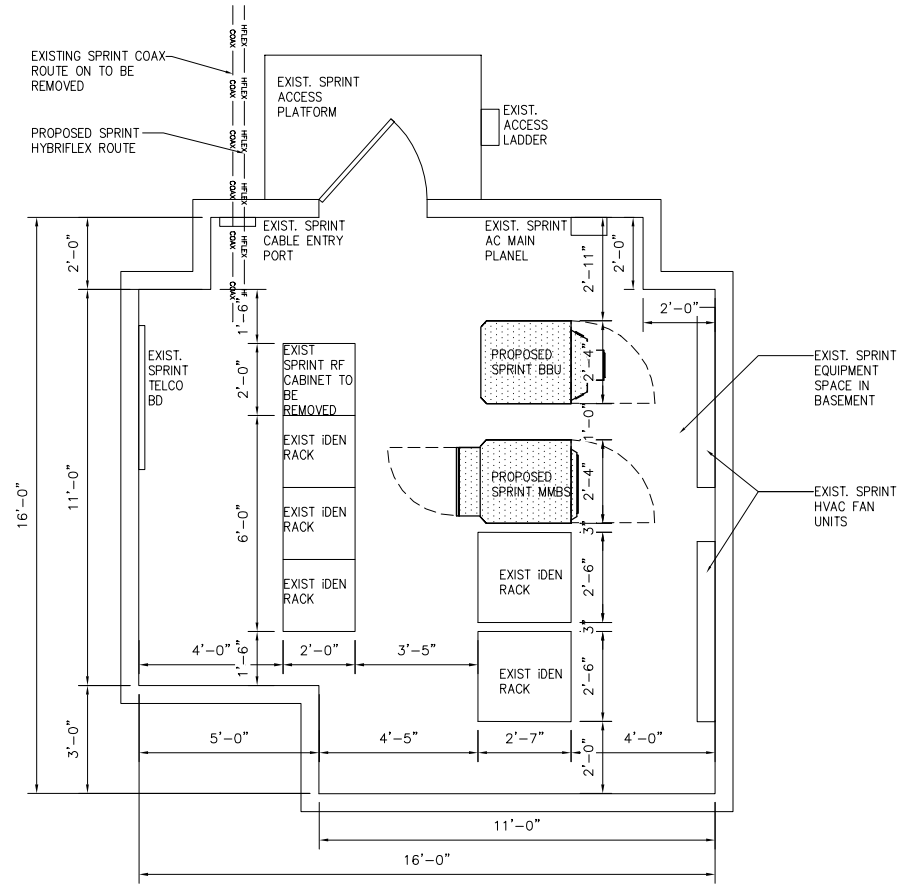
REVISION: A

121025



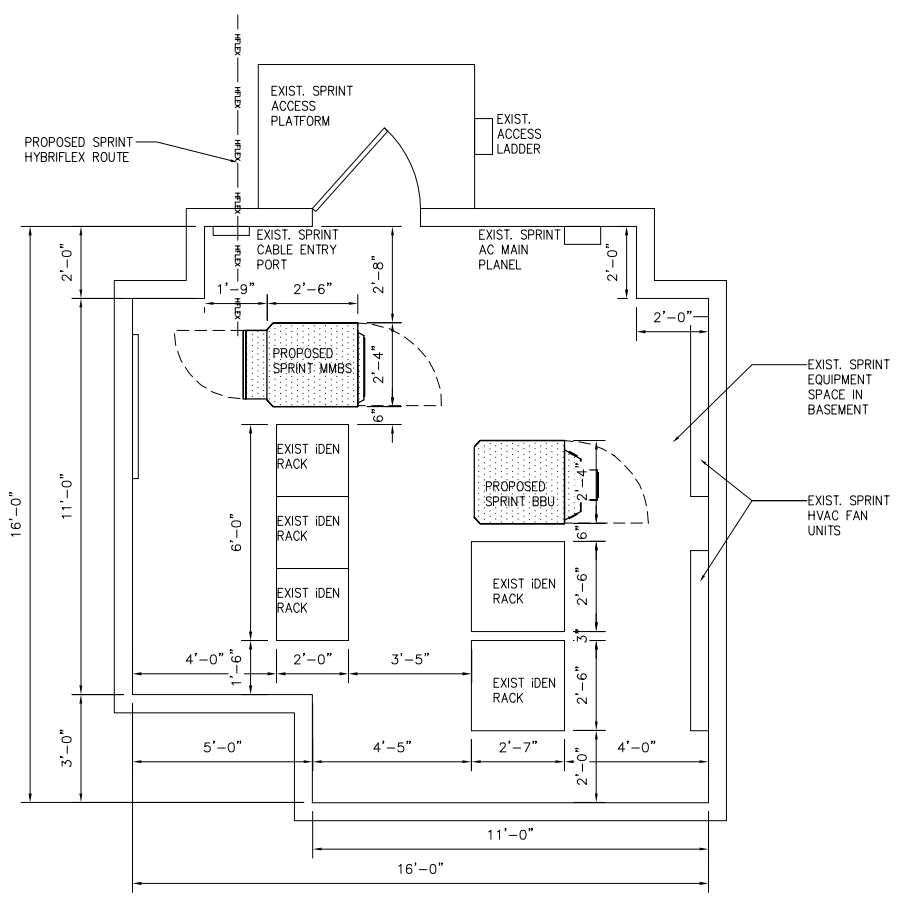
22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

EXISTING EQUIPMENT PLAN | 1



22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

PROPOSED EQUIPMENT PLAN (SIDE-BY-SIDE) | 2



22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

PROPOSED EQUIPMENT PLAN (FINAL) | 3

NOTE:
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NOT USED | 4

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KDC
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PROJECT INFORMATION:

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LICENSURE:

SHEET TITLE:

EQUIPMENT PLAN

SHEET NUMBER: A-2

REVISION: A

121025

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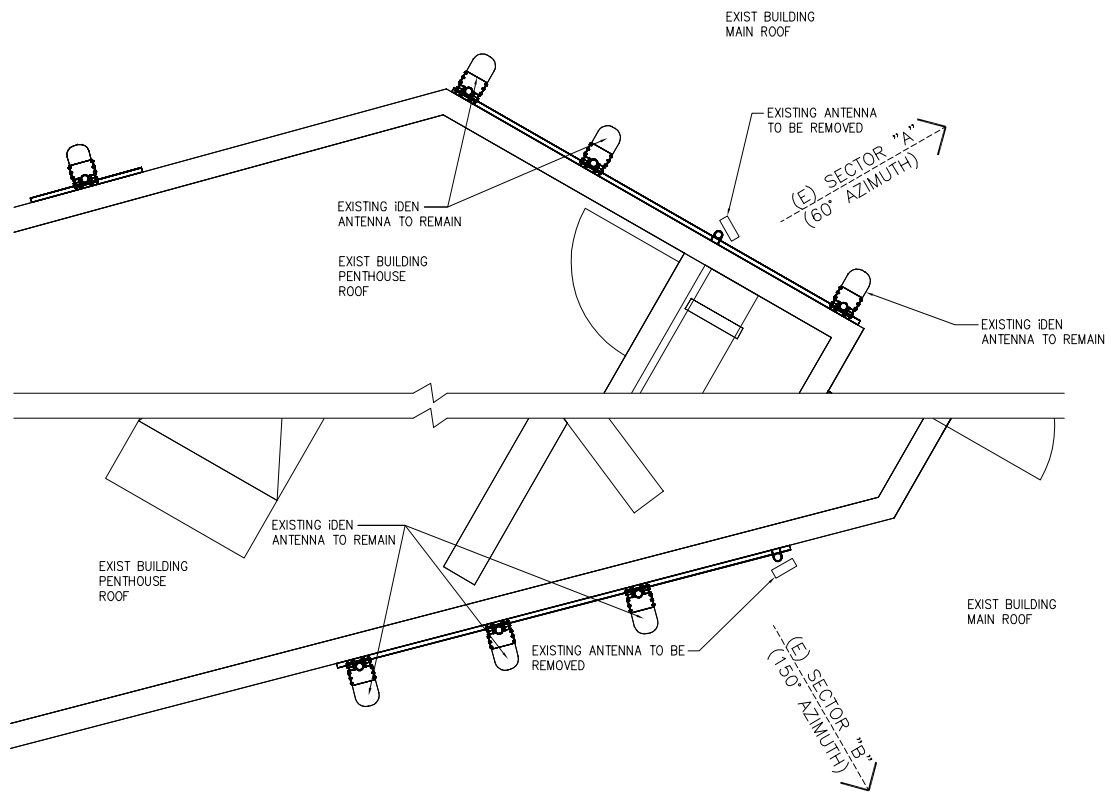
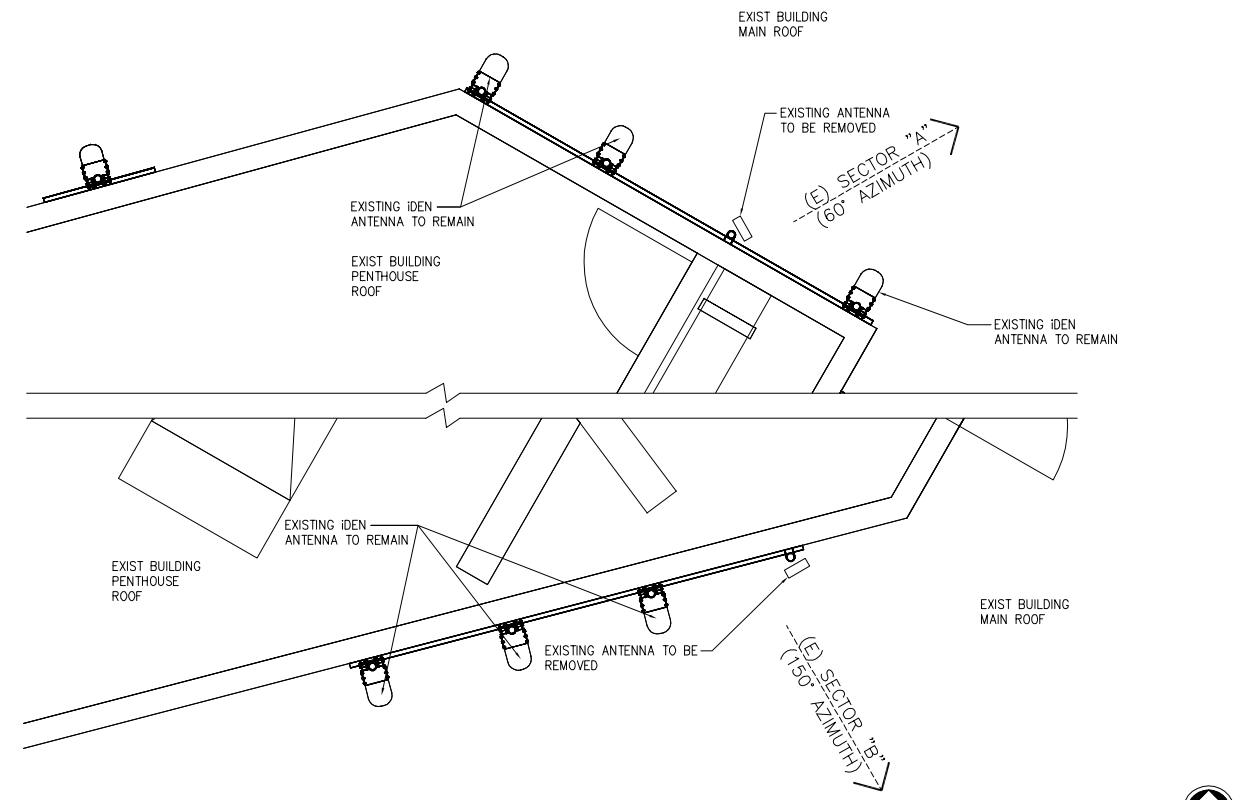


22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

EXISTING ANTENNA PLAN | 1



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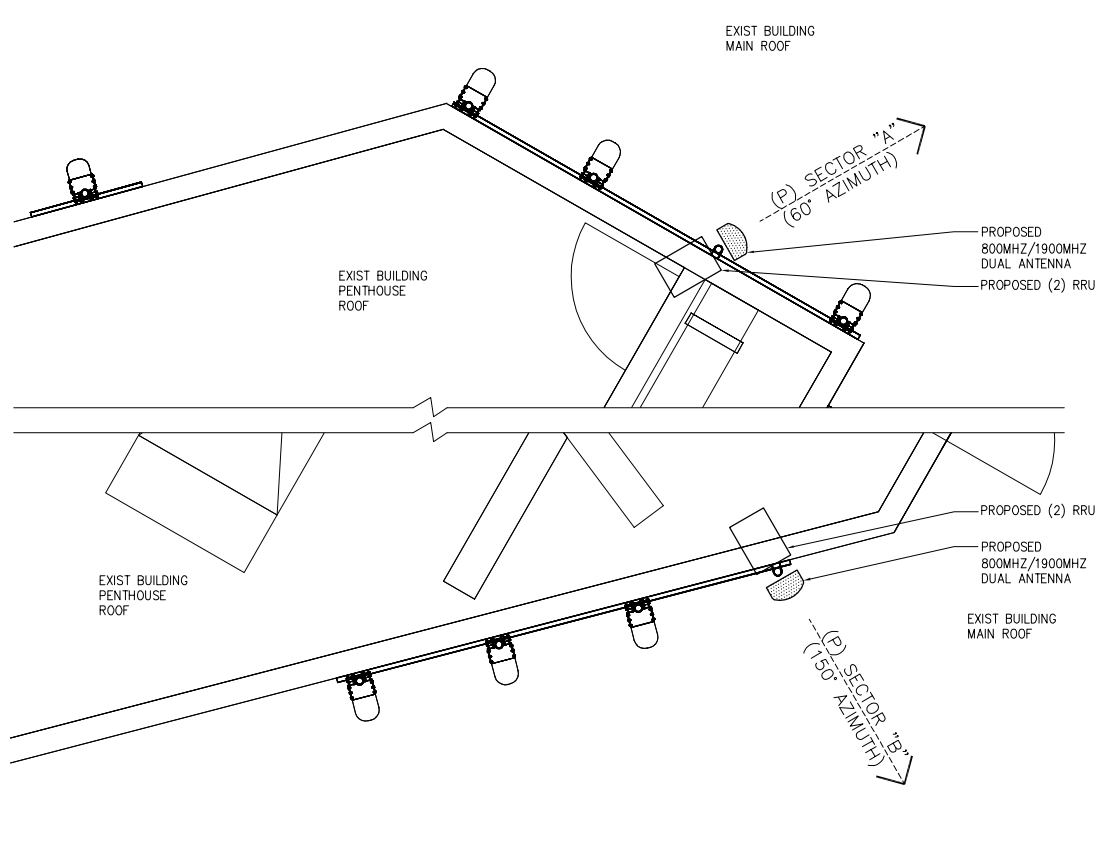
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

PROPOSED ANTENNA PLAN (SIDE-BY-SIDE) | 2



22"x34" SCALE: 3/8" = 1'-0"
11"x17" SCALE: 3/16" = 1'-0"
2' 1' 0" 2'

PROPOSED ANTENNA PLAN (FINAL) | 3

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NOT USED | 4

Sprint

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PROJECT INFORMATION:

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LICENSURE:

SHEET TITLE:

ENLARGED ANTENNA PLAN

SHEET NUMBER: A-3

REVISION: A

121025

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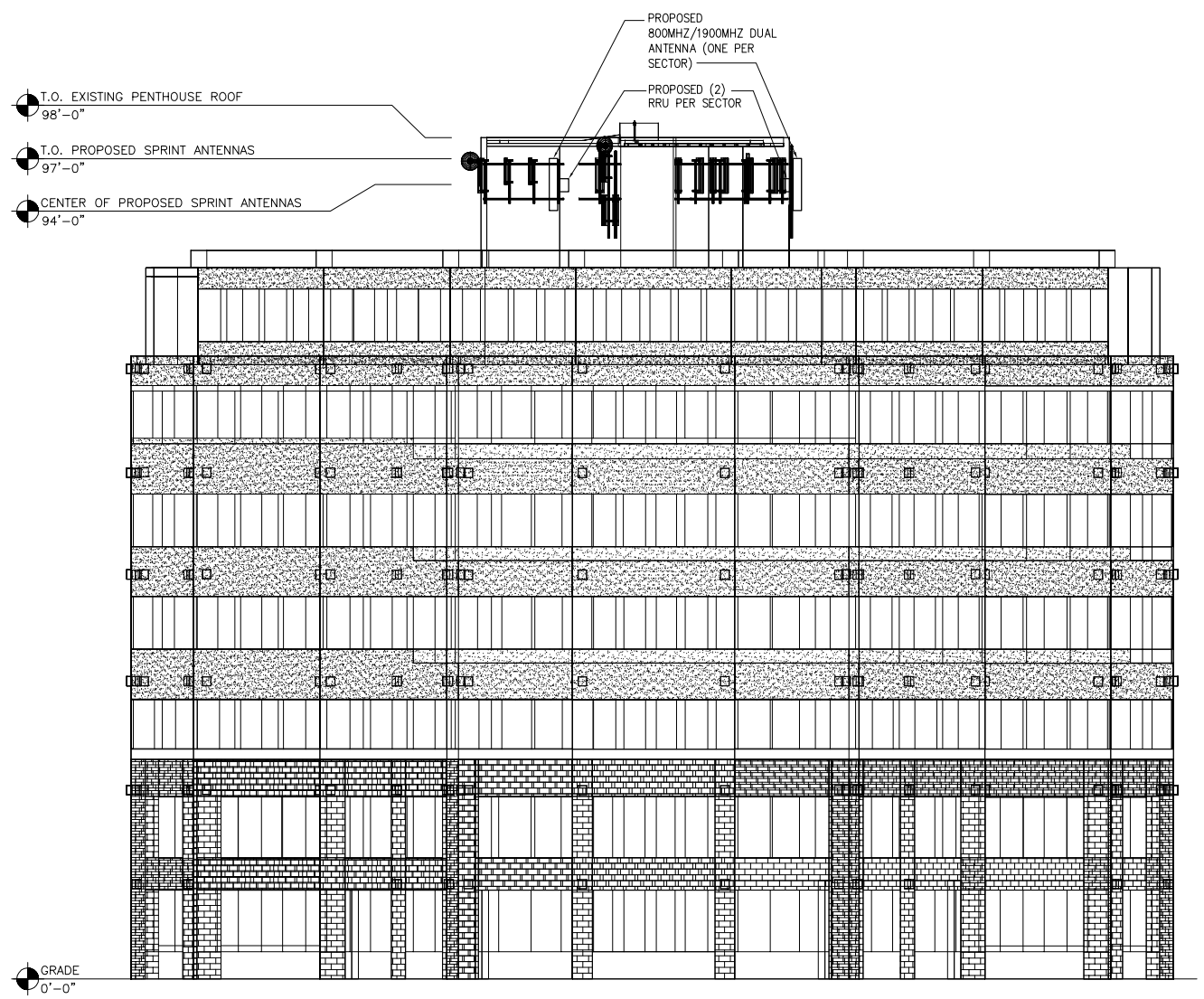
NOTES:
1. CONTRACTOR TO FIELD VERIFY ANTENNA CABLE LENGTHS.
2. ALL MAIN CABLE WILL BE COLOR CODED AT THREE (3) LOCATIONS.
3. COLOR CODE ALL ANTENNA AND COAX WITH 2" WIDE BANDS OF COLORED TAPE WITH 1" SEPARATION BETWEEN BANDS.
4. COLOR CODE ALL TOP AND BOTTOM GROUND KITS WITH 1" WIDE BANDS OF COLORED TAPE WITH 1/2" SEPARATION BETWEEN BANDS.
5. START COLOR BANDS 2" BEYOND WEATHERPROOFING.
6. START SECTOR COLOR NEXT TO END CONNECTOR.
7. ALL MAIN CABLES WILL BE GROUNDED W/COAXIAL CABLE GROUND KITS AT:
   - THE ANTENNA LEVEL
   - MID LEVEL IF TOWER IS OVER 200'
   - BASE OF TOWER PRIOR TO TURNING HORIZONTAL
   - TERMINATION OF COAX LINES TO JUMPERS
8. ALL NEW GROUND BAR DOWNLEADS ARE TO BE CADWELDED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4FT BELOW GROUND BAR
9. PROVIDE BUSS BAR NEAR BTS FOR ATTACHMENT OF WiMAX COAX GROUND KITS

COAXIAL ANTENNA CABLE NOTES:
1. THE ANTENNA COAXIAL CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN SWEEP TESTS (ANTENNA RETURN LOSS TEST). THIS TEST SHALL BE PERFORMED TO THE SPECIFICATIONS AND PARAMETERS OUTLINED BY THE SPRINT RADIO FREQUENCY (RF) ENGINEER. THIS TEST SHALL BE PERFORMED PRIOR TO FINAL ACCEPTANCE OF THE SITE.
2. THE COAXIAL ANTENNA CABLE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING AND SUPPLYING SPRINT WITH 3 TYPEWRITTEN TIME DOMAIN REFLECTOMETER (TDR) TESTS TO VERIFY CABLE LENGTH AND TO CHECK FOR WATER DAMAGE.
3. VAPOR WRAP WILL BE USED TO SEAL ALL CONNECTIONS.
4. ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE WILL BE 1/2" JUMPERS AND SHALL NOT EXCEED 6'-0" MAXIMUM LENGTH FOR THE JUMPERS AT WiMAX BTS UNITS WILL BE 6'-0".
5. IF COAX IS BEING RE-USED FOR THIS INSTALLATION, PRE AND POST ANTENNA LINE SWEEPS ARE REQUIRED.
6. UPON COMPLETION, PROVIDE A HEIGHT VERIFICATION DEPICTING RAD CENTER AND TOP OF ANTENNA.

NOTES:
1. ALL AZIMUTHS ARE TO BE ESTABLISHED CLOCKWISE FROM THE TRUE NORTH HEADING.
2. CONTRACTOR SHALL VERIFY PROPOSED ANTENNA RAD CENTER AND ORIENTATIONS WITH SPRINT PCS PRIOR TO INSTALLATION OF ANTENNAS.
3. PRIOR TO ATTACHING ANTENNAS AND MOUNTING SECTIONS, EXISTING TOWER AND TOWER FOUNDATION MUST BE ANALYZED BY A LICENSED STRUCTURAL ENGINEER TO VERIFY TOWER IS CAPABLE OF SUPPORTING THE PROPOSED LOADS. REFER TO STRUCTURAL ANALYSIS BY OTHERS.
4. CONTRACTOR SHALL REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OF MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER.



22"x34" SCALE: 1" = 10'-0"
11"x17" SCALE: 1" = 20'-0"
10' 5' 0" 10'

SOUTHEAST BUILDING ELEVATION | 1

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LICENSURE:

SHEET TITLE:
ELEVATION

SHEET NUMBER: A-4
REVISION: A
121025