GENERAL NOTES

1. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED, AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF FLORIDA.
2. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 2010 EDITION.
3. ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH ANSI/TIA-1019-A "STANDARD FOR INSTALLATION, ALTERATION AND MAINTENANCE OF ANTENNA SUPPORTING STRUCTURES AND ANTENNAS".
4. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
5. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
6. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR THE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
7. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OR FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
8. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE THE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATION, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
10. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
11. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
12. IF APPLICABLE, ALL CONCRETE WORK SHALL COMPLY TO LOCAL CODES AND THE ACI 318-05, "BUILDING REQUIREMENTS FOR STRUCTURAL CONCRETE".
13. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY, OR CITY) ENGINEER.
14. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.
15. ALL TOWER DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION, NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLY FOR CONTACT BY COVERING AGENCY INSPECTORS.

STRUCTURAL STEEL NOTES

1. THE FEBRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN, 13th EDITION.
2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
   STRUCTURAL STEEL:
   - ANGLE: ASTM A36
   - PIPE/TUBE: ASTM A500-50
   - PLATE: ASTM A36 (SELF SUPPORTING AND GUYED TOWERS)
   - PLATE: ASTM A572-65 (MONOPOLE)

   A. ALL BOLTS, ASTM A325 TYPE 1 GALVANIZED HIGH STRENGTH BOLTS.
   B. ALL U-BOLTS, ASTM A193 GRADE
3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANDCE WITH AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN, 13TH EDITION.
4. HOLES SHALL NOT BE FLAME CUT THRU STEEL UNLESS APPROVED BY THE ENGINEER.
5. HOT-DIP CALVANIZE ALL ITEMS UNLESS OTHERWISE NOTED, AFTER FABRICATION WHERE PRACTICABLE. GALVANIZING: ASTM A123, ASTM, A153/A153M OR ASTM A653/A653M, G90, AS APPLICABLE.
6. REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT CONFORMING TO ASTM A780 OR BY APPLICATION OF STICK OR THICK PASTED MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING CLEAN AREAS TO BE REPAIRED AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE; MATERIAL IS APPLIED, WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS IN STICK OR PASTED; SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.
7. A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED BOLTS.
8. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH TO EXCLUDE THE THREADS FROM THE SHEAR PLANE.
9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.
10. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.

BOLT TIGHTENING PROCEDURE

1. TIGHTENING CONNECTION BOLTS BY AISC – "TURN OF THE NUT" METHOD, USING THE CHART BELOW.

   • <u>BOLT LENGTHS UP TO AND INCLUDING FOUR DIA.</u>

3/8" BOLTS UP TO AND INCLUDING 1.5" LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1/2" BOLTS UP TO AND INCLUDING 2.0" LENGTH	+1/3 TURN BEYOND SNUG TIGHT
5/8" BOLTS UP TO AND INCLUDING 2.5" LENGTH	+1/3 TURN BEYOND SNUG TIGHT
3/4" BOLTS UP TO AND INCLUDING 3.0" LENGTH	+1/3 TURN BEYOND SNUG TIGHT
7/8" BOLTS UP TO AND INCLUDING 3.5" LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1" BOLTS UP TO AND INCLUDING 4.0" LENGTH	+1/3 TURN BEYOND SNUG TIGHT

   • <u>BOLT LENGTHS OVER FOUR DIA. BUT NOT EXCEEDING EIGHT DIA</u>

3/8" BOLTS 1.75" TO 3.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1/2" BOLTS 2.25" TO 4.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT
5/8" BOLTS 2.75" TO 5.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT
3/4" BOLTS 3.25" TO 6.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT
7/8" BOLTS 3.75" TO 7.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1" BOLTS 4.25" TO 8.0" LENGTH	+1/2 TURN BEYOND SNUG TIGHT

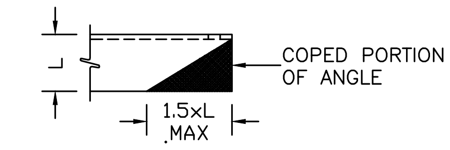
2. CONNECTION BOLTS SUBJECT TO DIRECT TENSION SHALL BE INSTALLED AND TIGHTENED AS PER SECTIONS 8.2.1 OF THE AISC SPECIFICATION FOR STRUCURAL JOINTS USING A325 OR A490 BOLTS, LOCATED IN THE AISC MANUAL OF STEEL CONSTRUCTION. THE INSTALLATION PROCEDURE IS PARAPHRASED AS FOLLOWS:

3. FASTENERS SHALL BE INSTALLED IN PROPERLY ALIGNED HOLES AND TIGHTENED BY ONE OF THE METHODS DESCRIBED IN SUBSECTION 8.2.1 THROUGH 8.2.4

   • <u>8.2.1 TURN-OF-THE-NUT TIGHTENING</u>
   BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG TIGHT CONDITION AS DEFINED IN SECTION 8.1, UNTIL ALL THE BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED. FOLLOWING THIS INITIAL OPERATION ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED ABOVE. DURING THE TIGHTENING OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT IN A MANNER THAT WILL MINIMIZE RELAXATION OF PREVIOUSLY PRETENSIONED BOLTS.

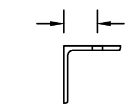
4. ALL OTHER BOLTED CONNECTIONS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION AS DEFINED IN SECTION 8.1 OF THE SPECIFICATION.

ALLOWED ANGLE COPE



WORKABLE GAGES

LEG	4"	3 1/2"	3"	2 1/2"	2"	1 3/4"
G	2 1/2"	2"	1 3/4"	1 3/8"	1 1/8"	1"



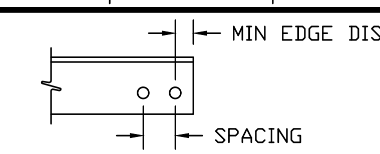
<u>NOTE:</u>
MATCH EXISTING
WHEN APPLICABLE

NOMINAL HOLE SIZES

BOLT DIAMETER	STANDARD HOLE	SHORT SLOT
1/2"	9/16"	9/16" X 11/16"
5/8"	11/16"	11/16" X 7/8"
3/4"	13/16"	13/16" X 1"
7/8"	15/16"	15/16" X 1 1/8"
1"	1 1/16"	1 1/16" X 1 5/16"

BOLT EDGE & SPACING

BOLT DIAMETER	MIN. EDGE	SPACING
1/2"	7/8"	1 1/2"
5/8"	1 1/8"	1 7/8"
3/4"	1 1/4"	2 1/4"
7/8"	1 1/2"	2 5/8"
1"	1 3/4"	3"



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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

STRUCTURAL NOTES

SHEET NUMBER

SN1

REV	DATE	DESCRIPTION
0	12/25/16	SAMPLE DRAWING
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PROJECT NO: 16-???

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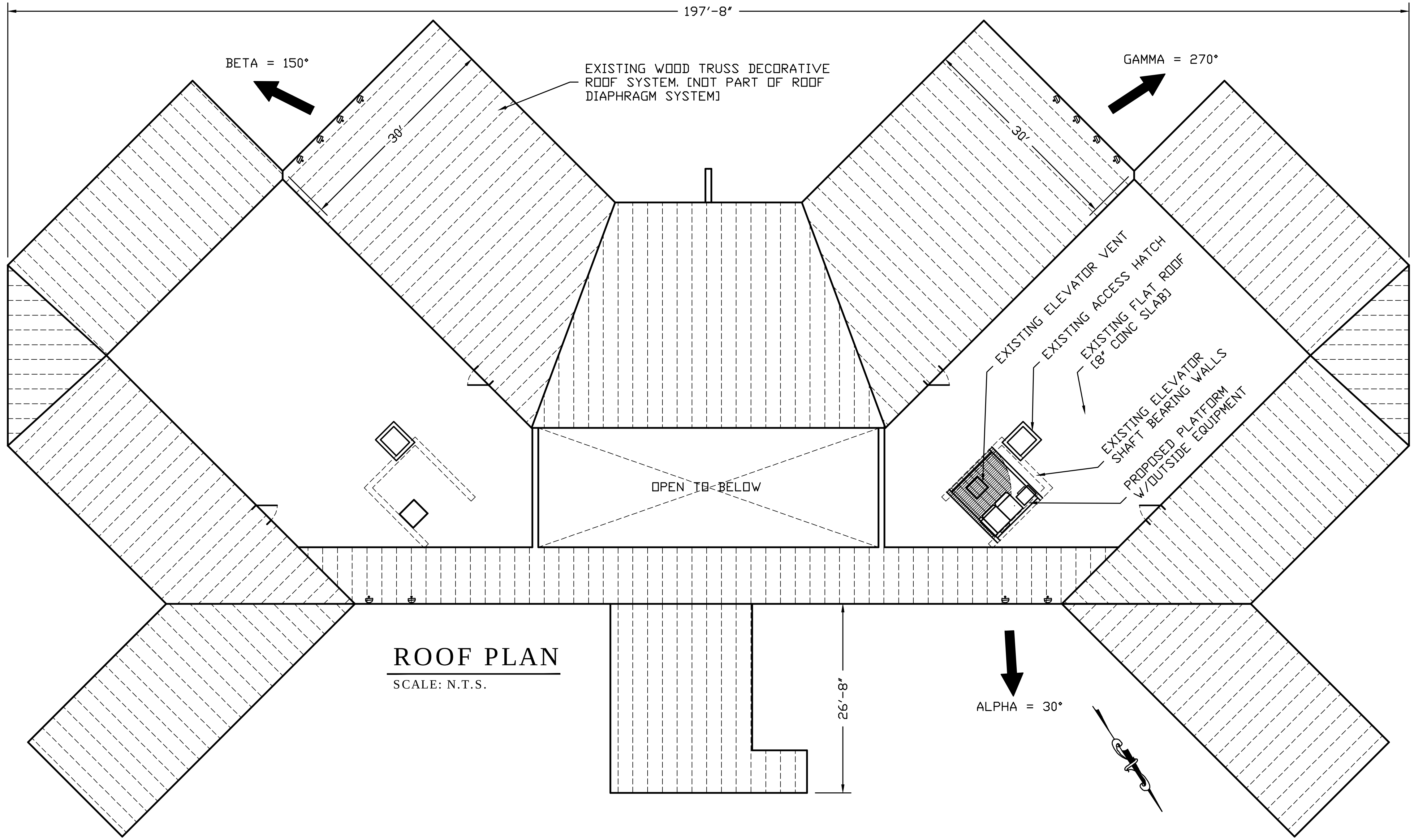
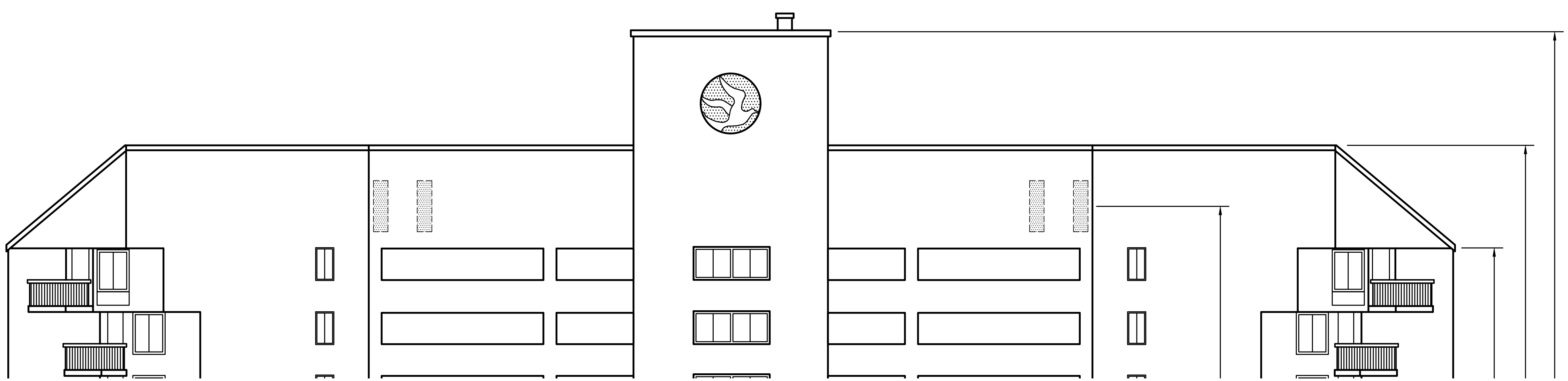


ROOF PLAN

SCALE: N.T.S.



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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ROOF PLAN

SHEET NUMBER

A1

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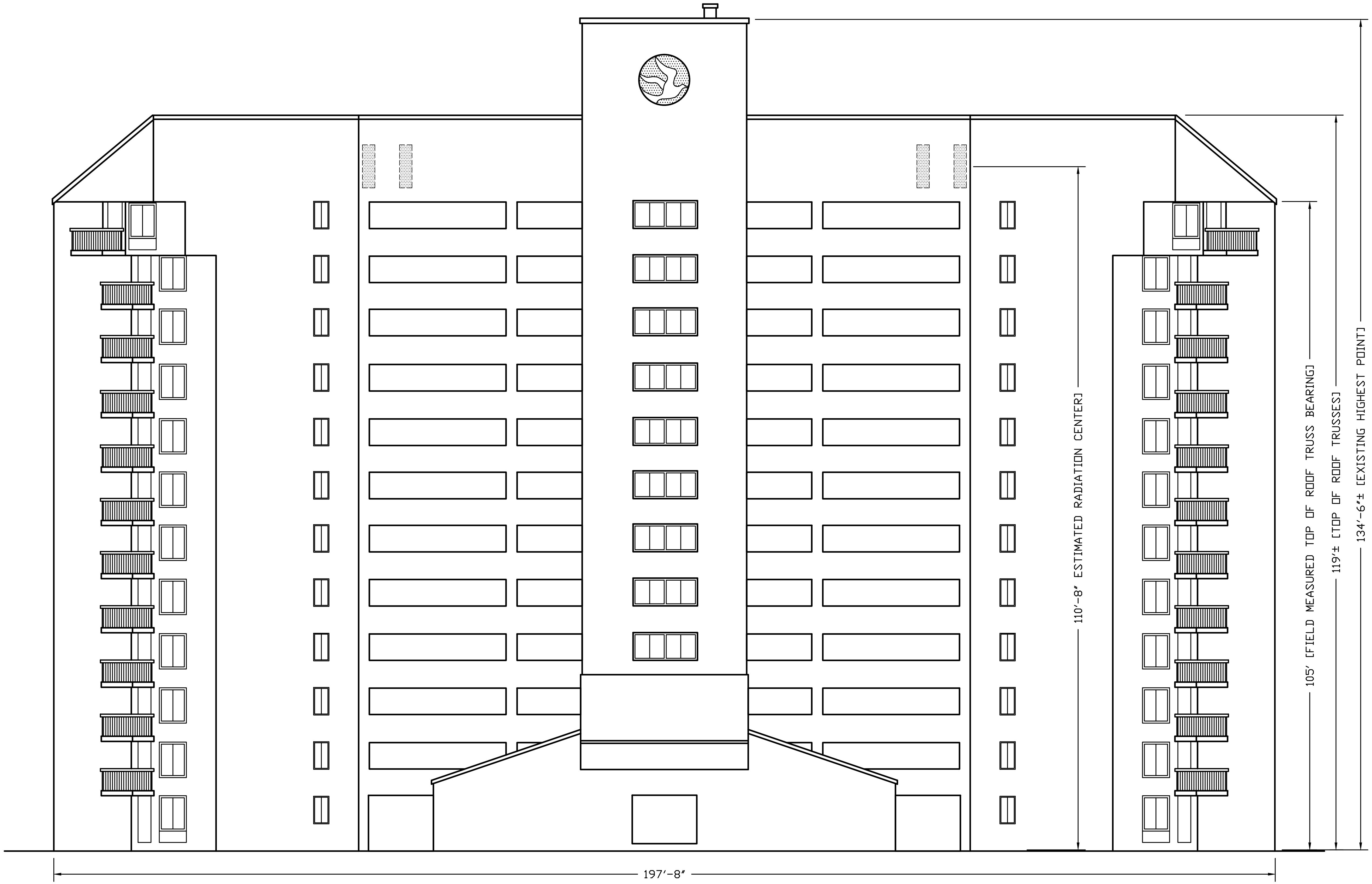

FRONT ELEVATION

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

FRONT ELEVATION

SHEET NUMBER

A2

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PROJECT NO: 16-???

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BACK ELEVATION

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

BACK ELEVATION

SHEET NUMBER

A3

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PROJECT NO: 16-???

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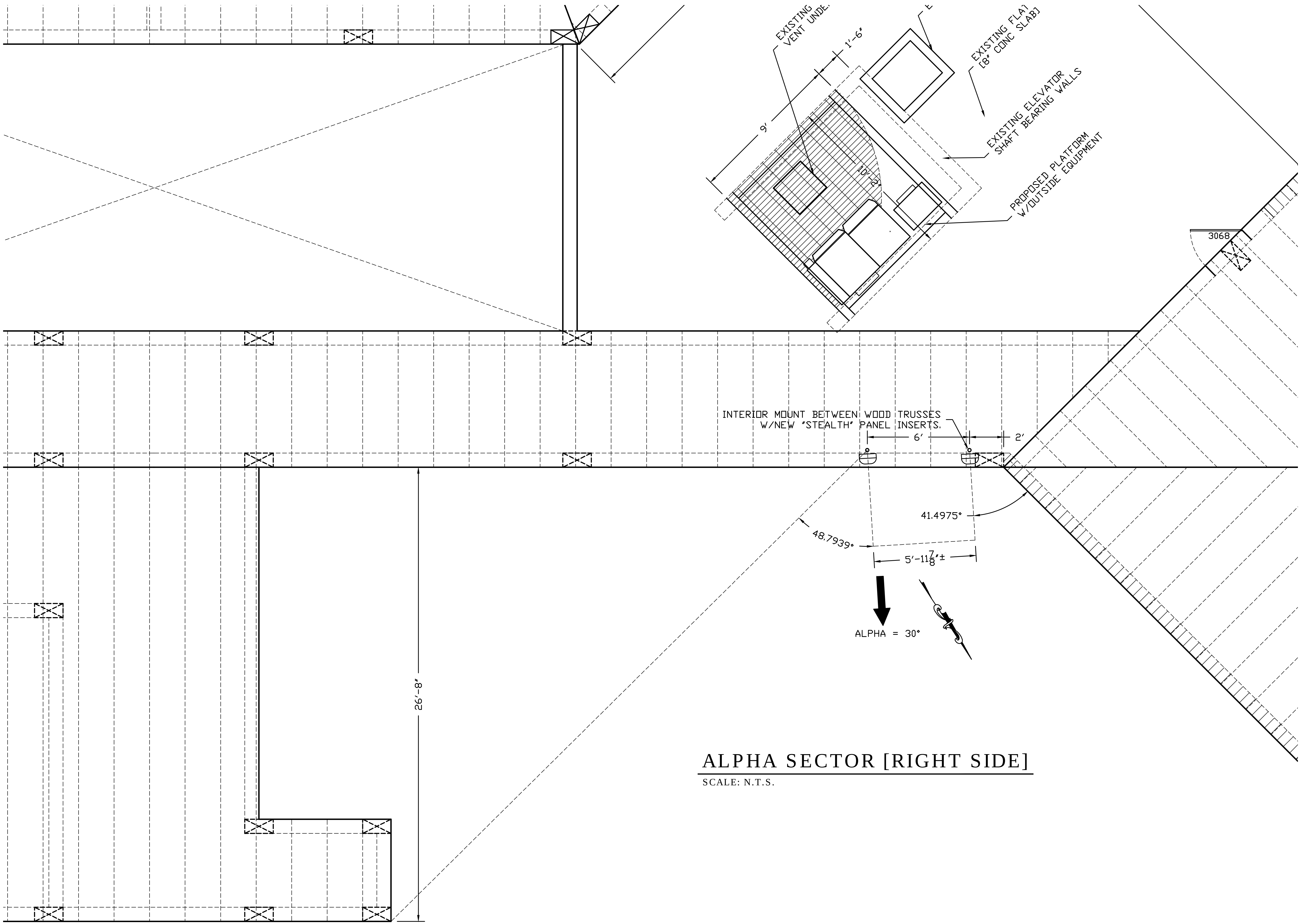

ALPHA SECTOR [RIGHT SIDE]

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ALPHA SECTOR "RIGHT" ENLARGED

SHEET NUMBER

A4

REV	DATE	DESCRIPTION
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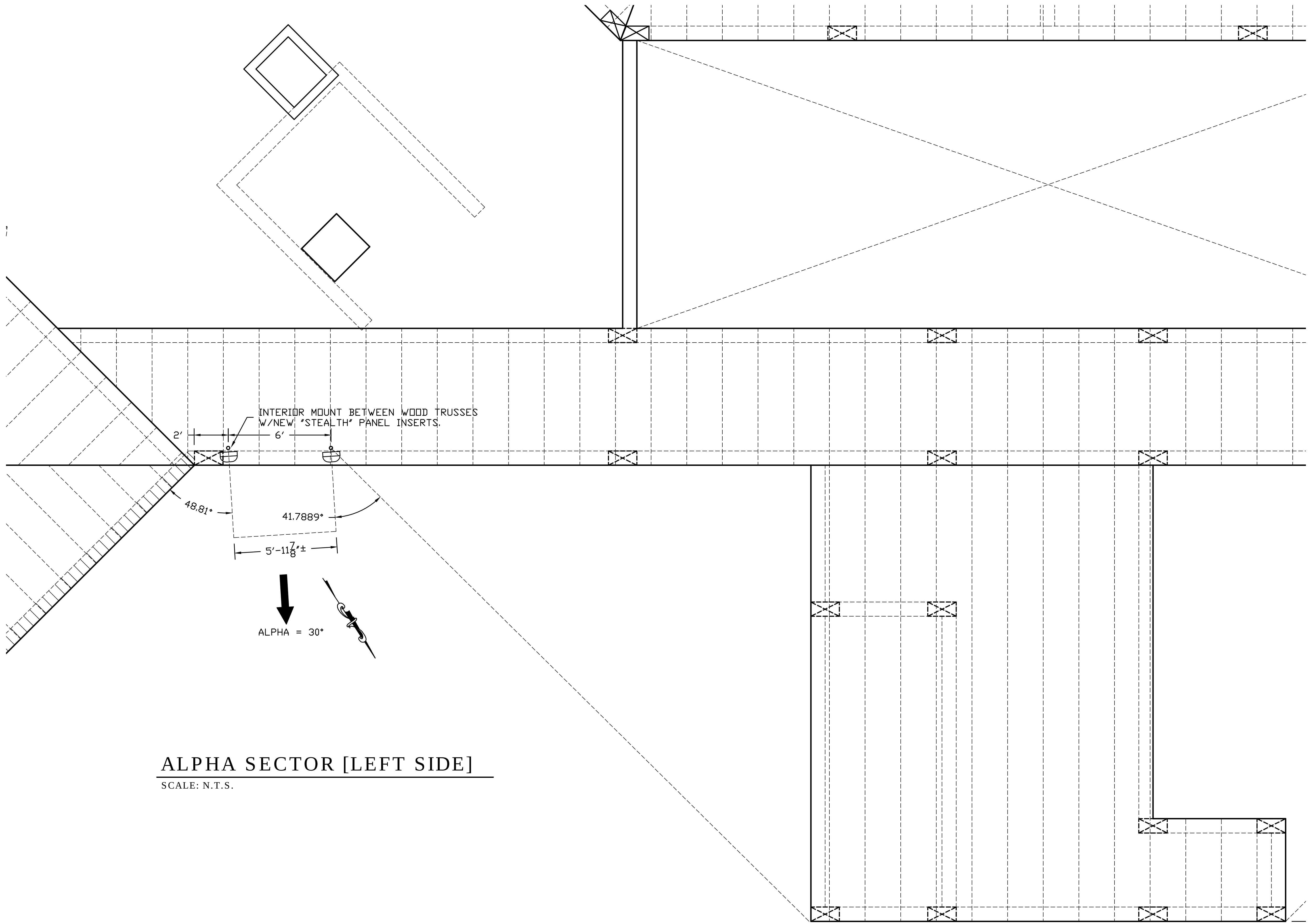

ALPHA SECTOR [LEFT SIDE]

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ALPHA SECTOR "LEFT" ENLARGED

SHEET NUMBER

A5

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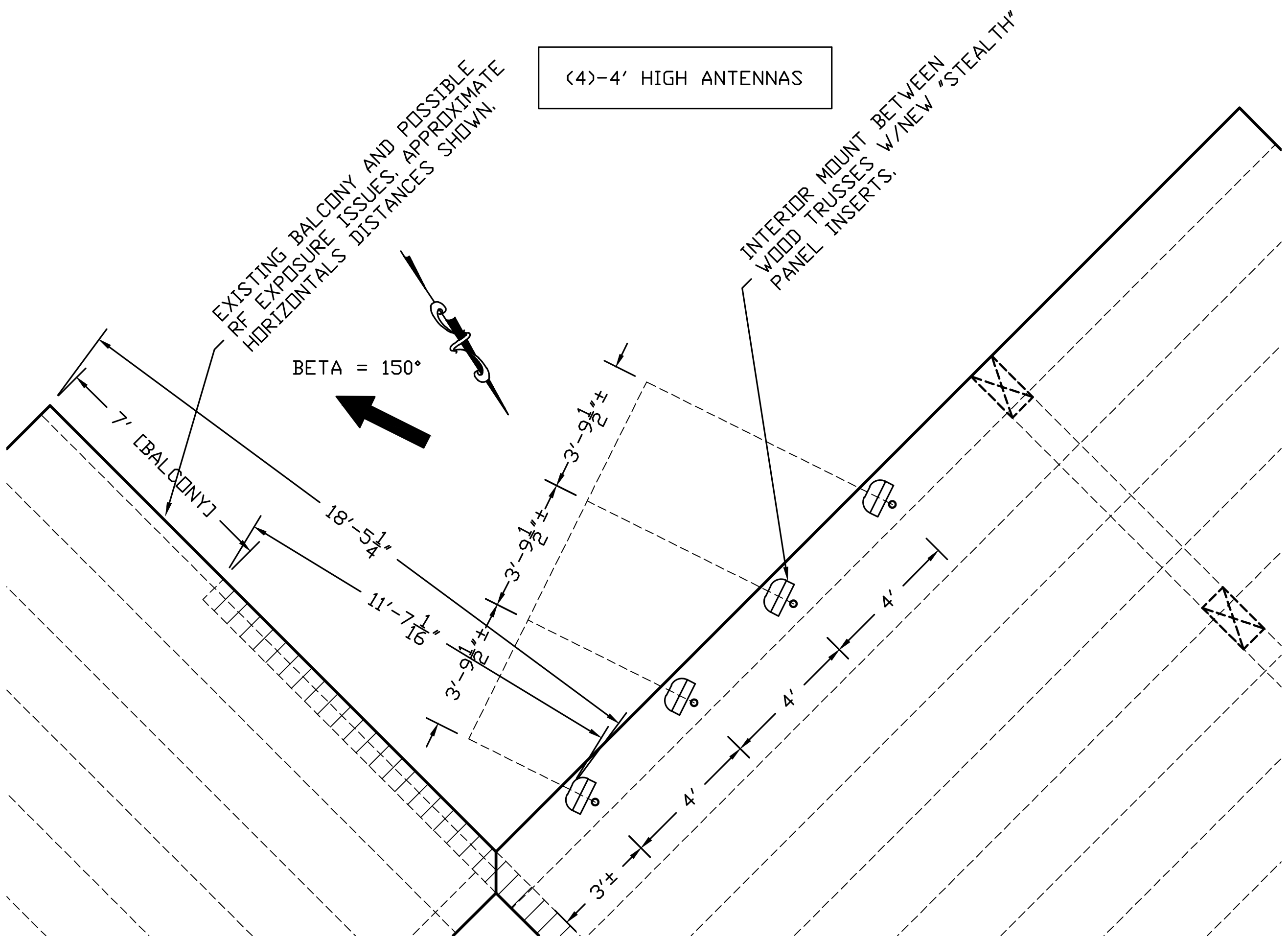
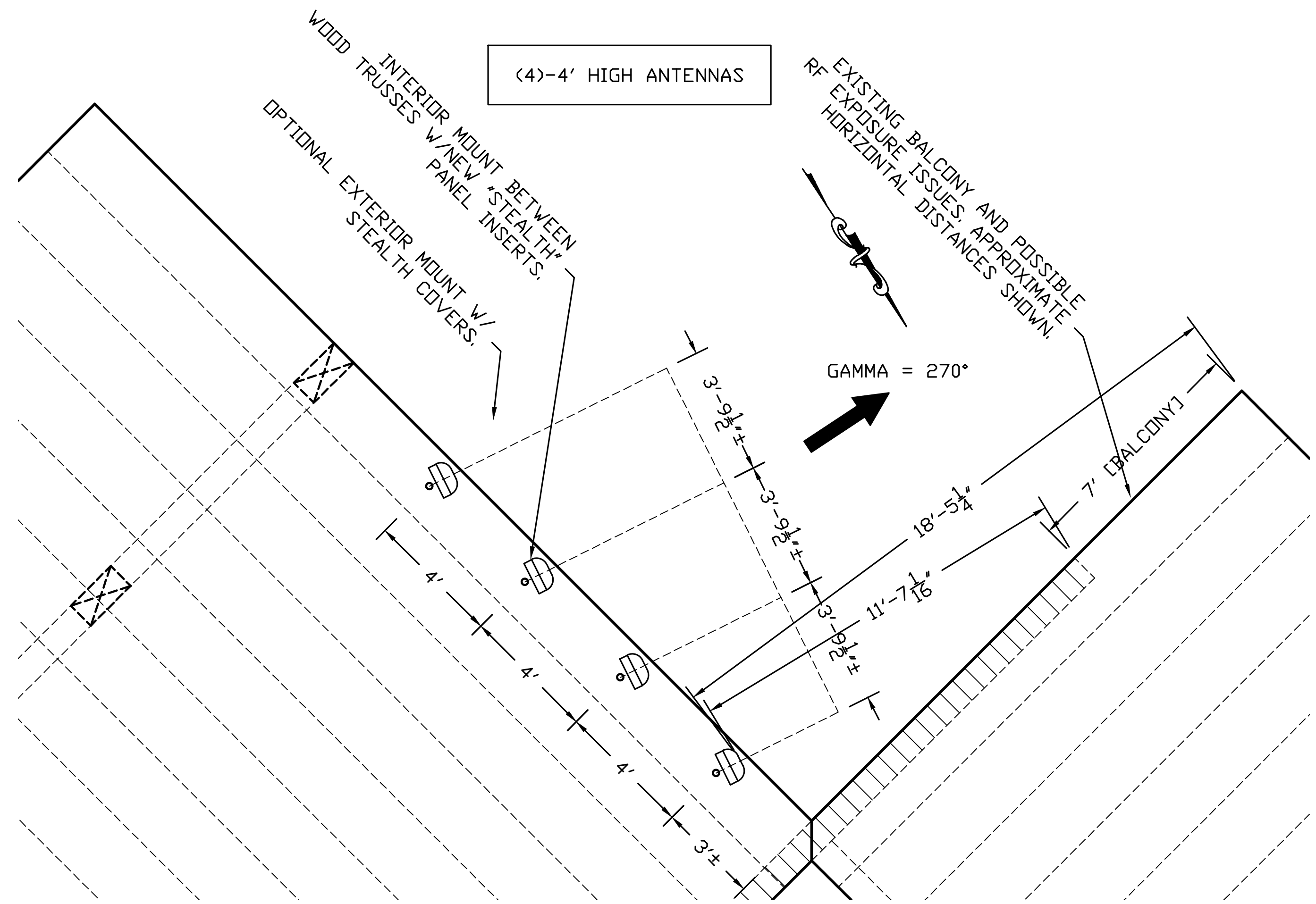


BETA SECTOR

SCALE: N.T.S.



GAMMA SECTOR

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

BETA/GAMMA SECTORS ENLARGED

SHEET NUMBER

A6

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PROJECT NO: 16-???

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EQUIPMENT AREA

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

EQUIPMENT AREA ENLARGED

SHEET NUMBER

A7

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PROJECT NO: 16-???

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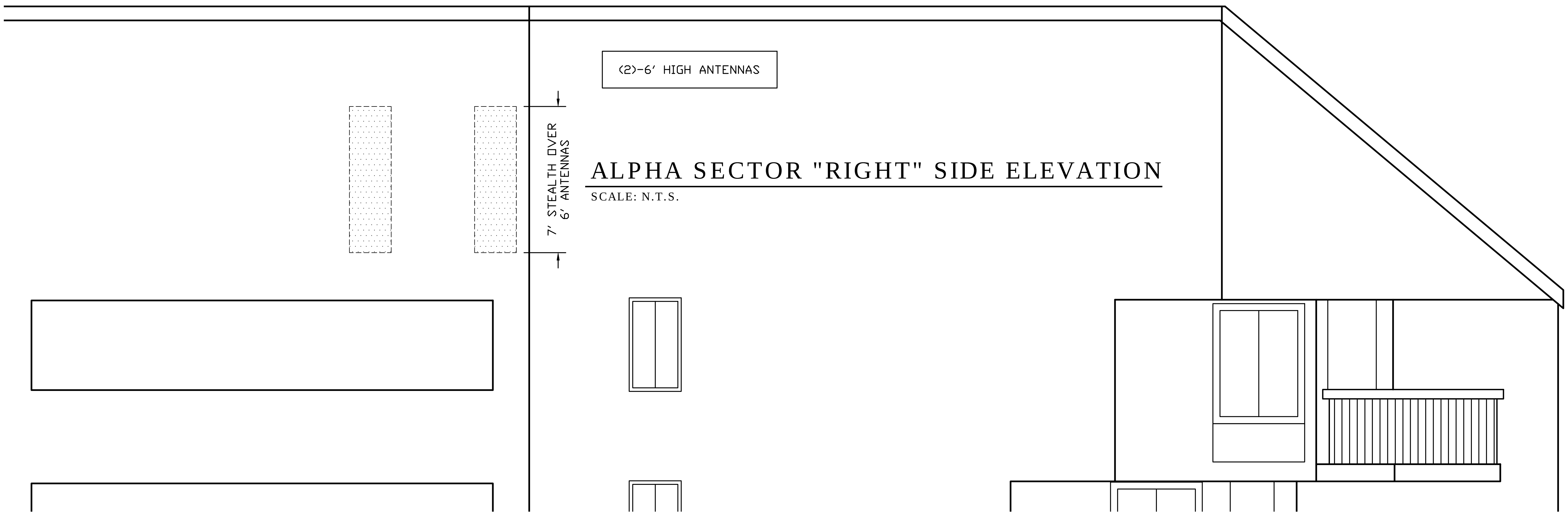
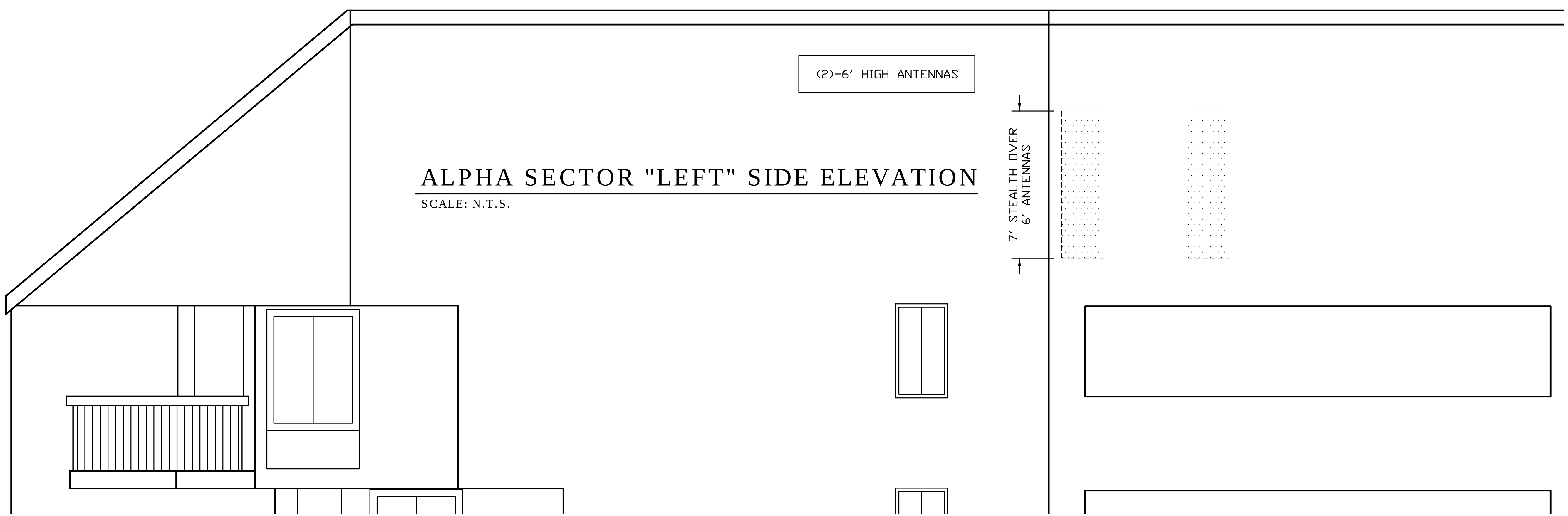


ALPHA SECTOR "RIGHT" SIDE ELEVATION

SCALE: N.T.S.



ALPHA SECTOR "LEFT" SIDE ELEVATION

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ALPHA SECTOR ELEVATION

SHEET NUMBER

A8

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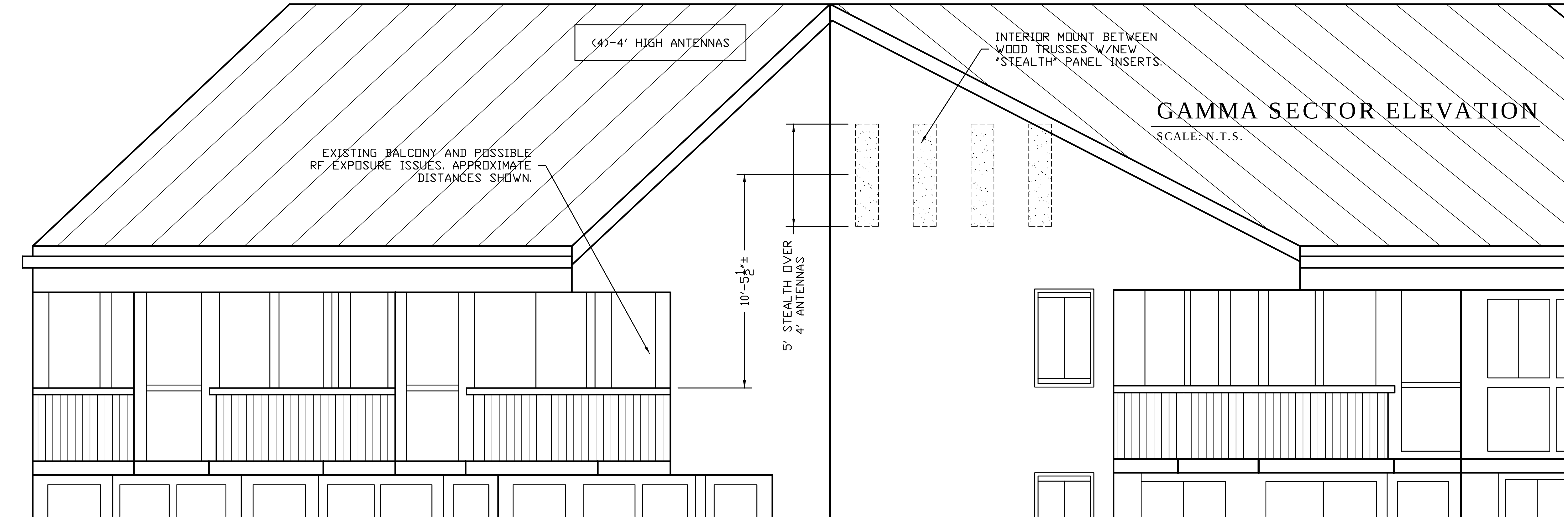
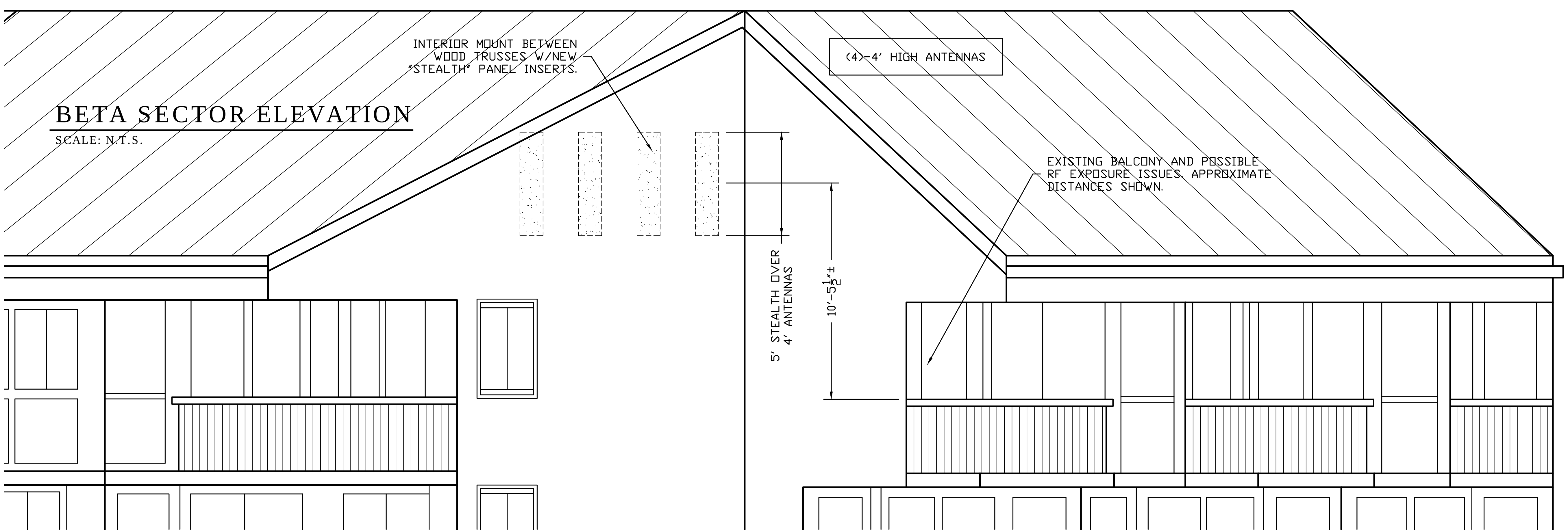


GAMMA SECTOR ELEVATION

SCALE: N.T.S.



BETA SECTOR ELEVATION

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

BETA/GAMMA SECTOR ELEVATION

SHEET NUMBER

A9

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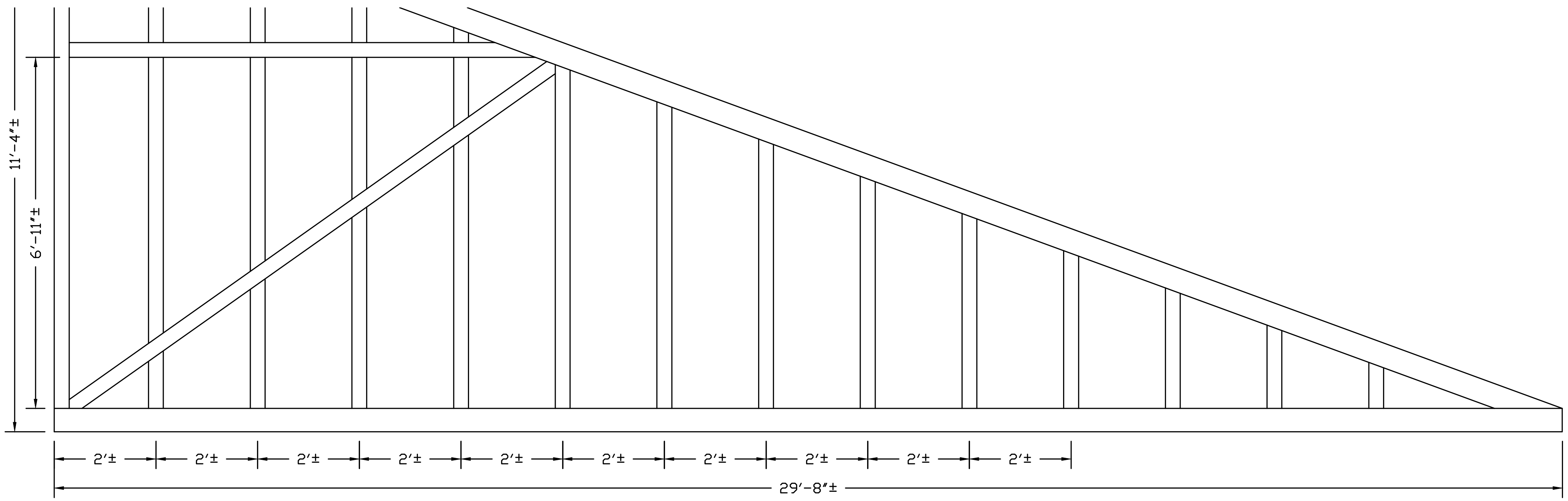
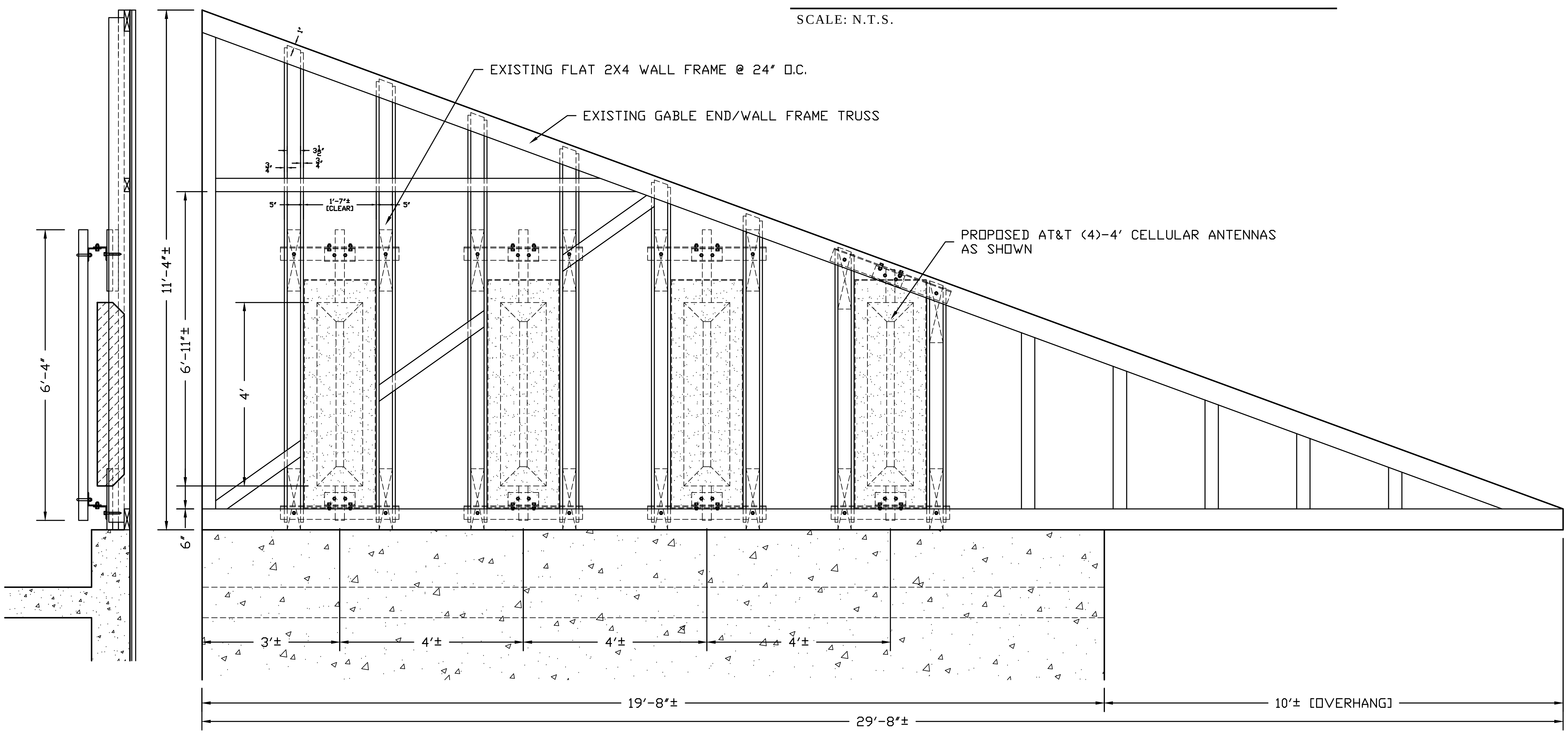


EXISTING WOOD FRAME END TRUSS

SCALE: N.T.S.



(4)-4' ANTENNAS IN EXISTING END TRUSS

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

BETA/GAMMA TRUSS FRAMING

SHEET NUMBER

S1

REV	DATE	DESCRIPTION
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PROJECT NO: 16-???

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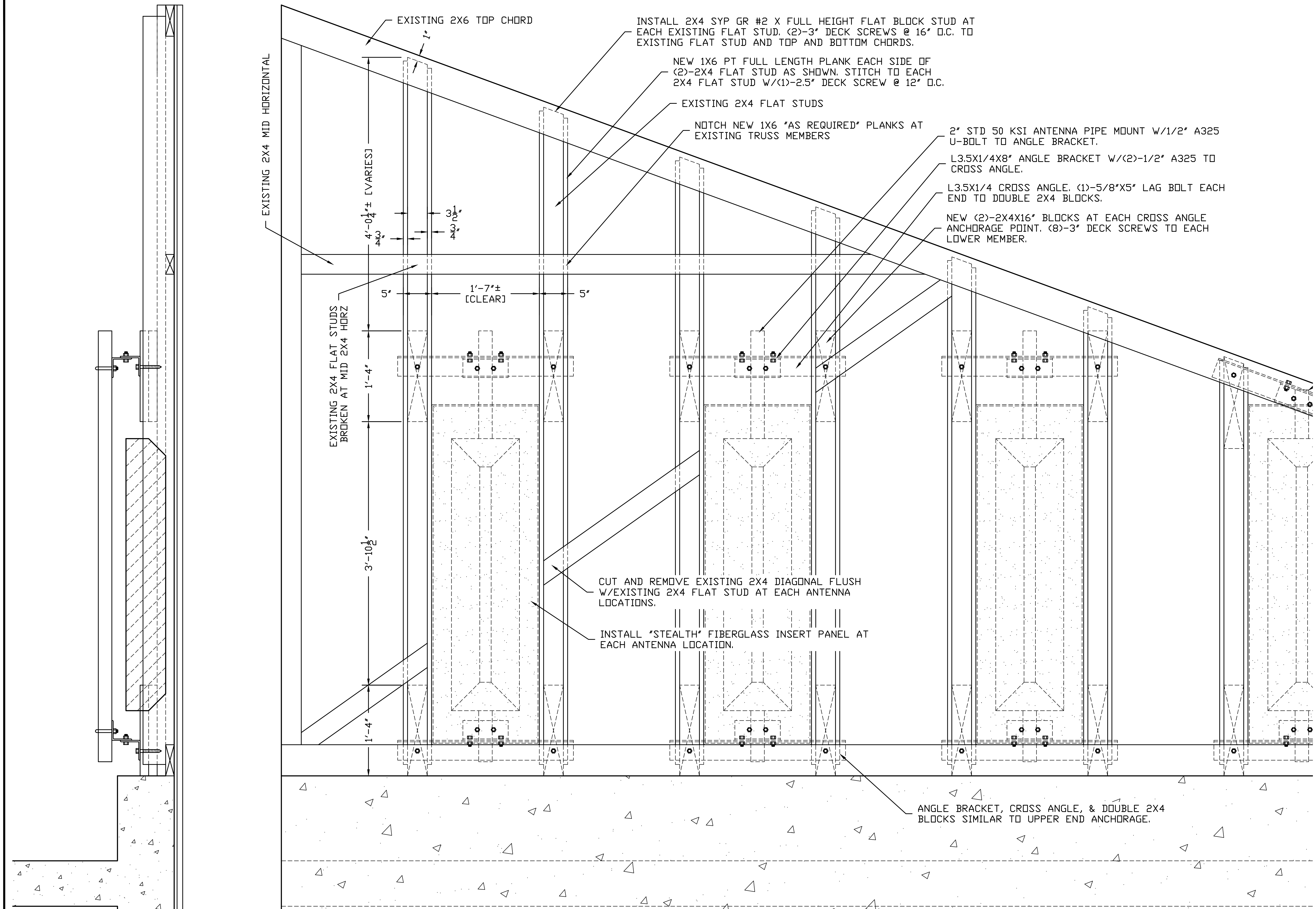

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION
BETA/GAMMA TRUSS FRAMING

SHEET NUMBER
S 2

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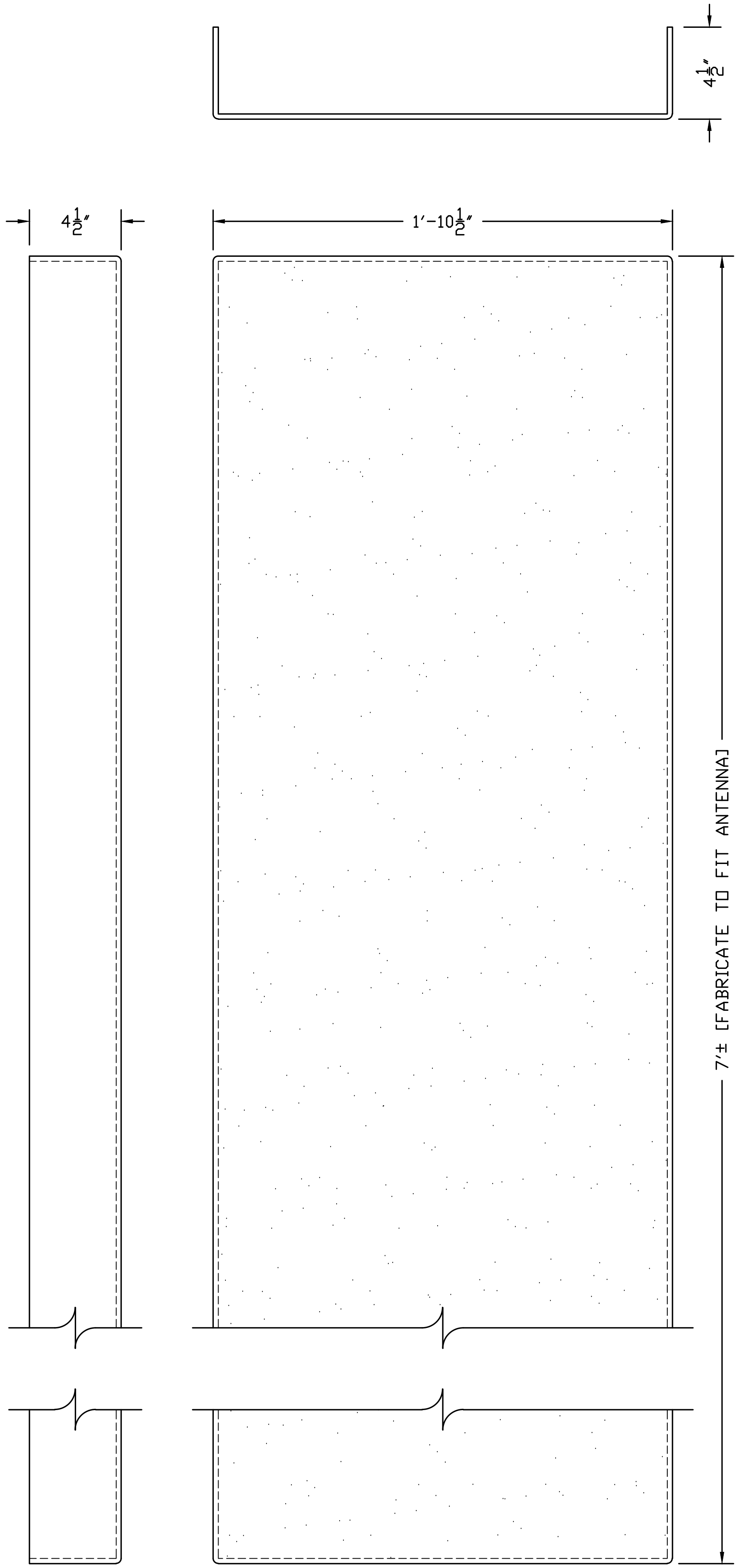
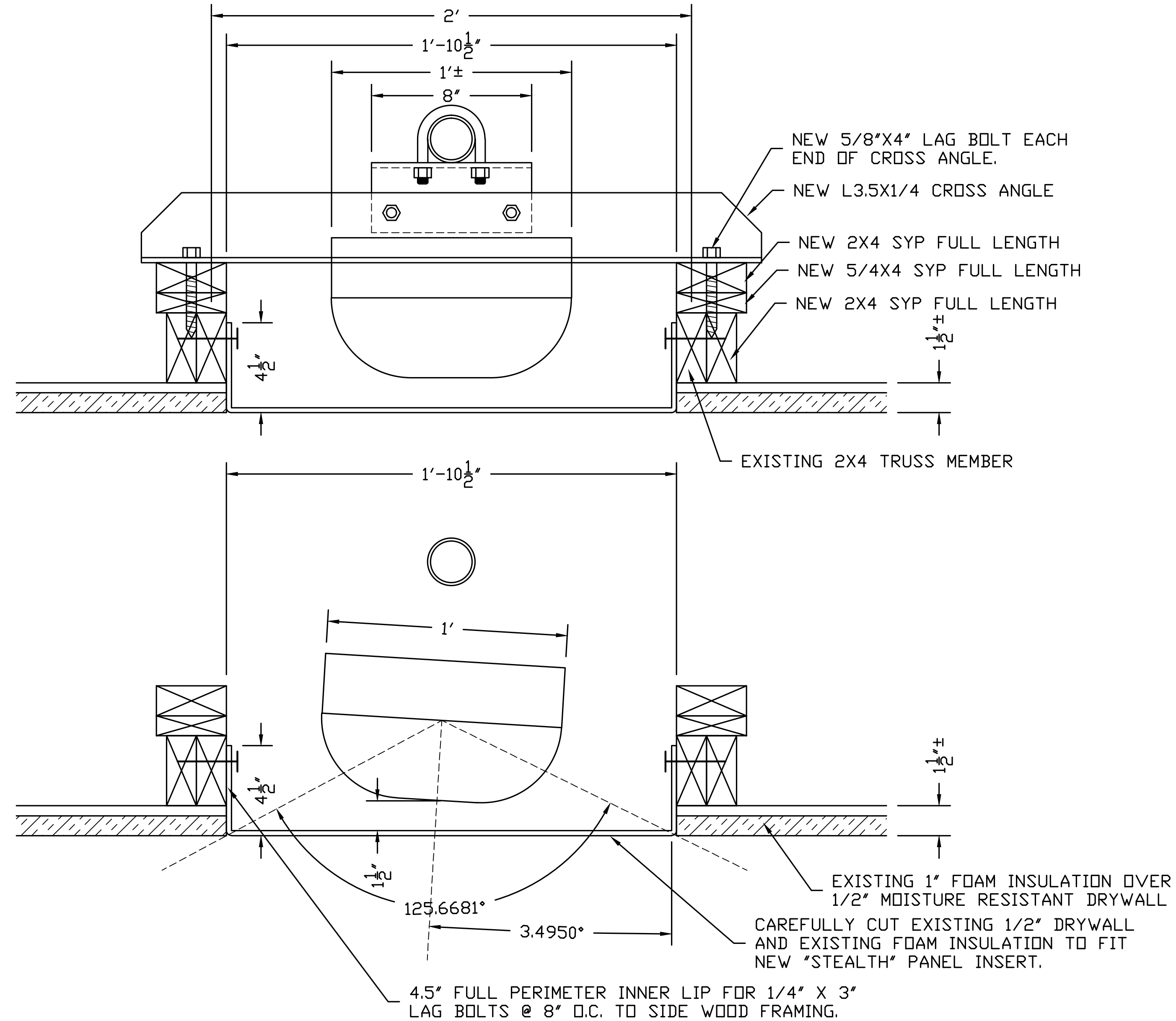
DRAWN BY:	CHECKED BY:
DFA	





ALPHA SECTOR "STEALTH" PANEL INSERTS

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ALPHA SECTOR "STEALTH" INSERT

SHEET NUMBER

S3

REV	DATE	DESCRIPTION
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PROJECT NO: 16-???

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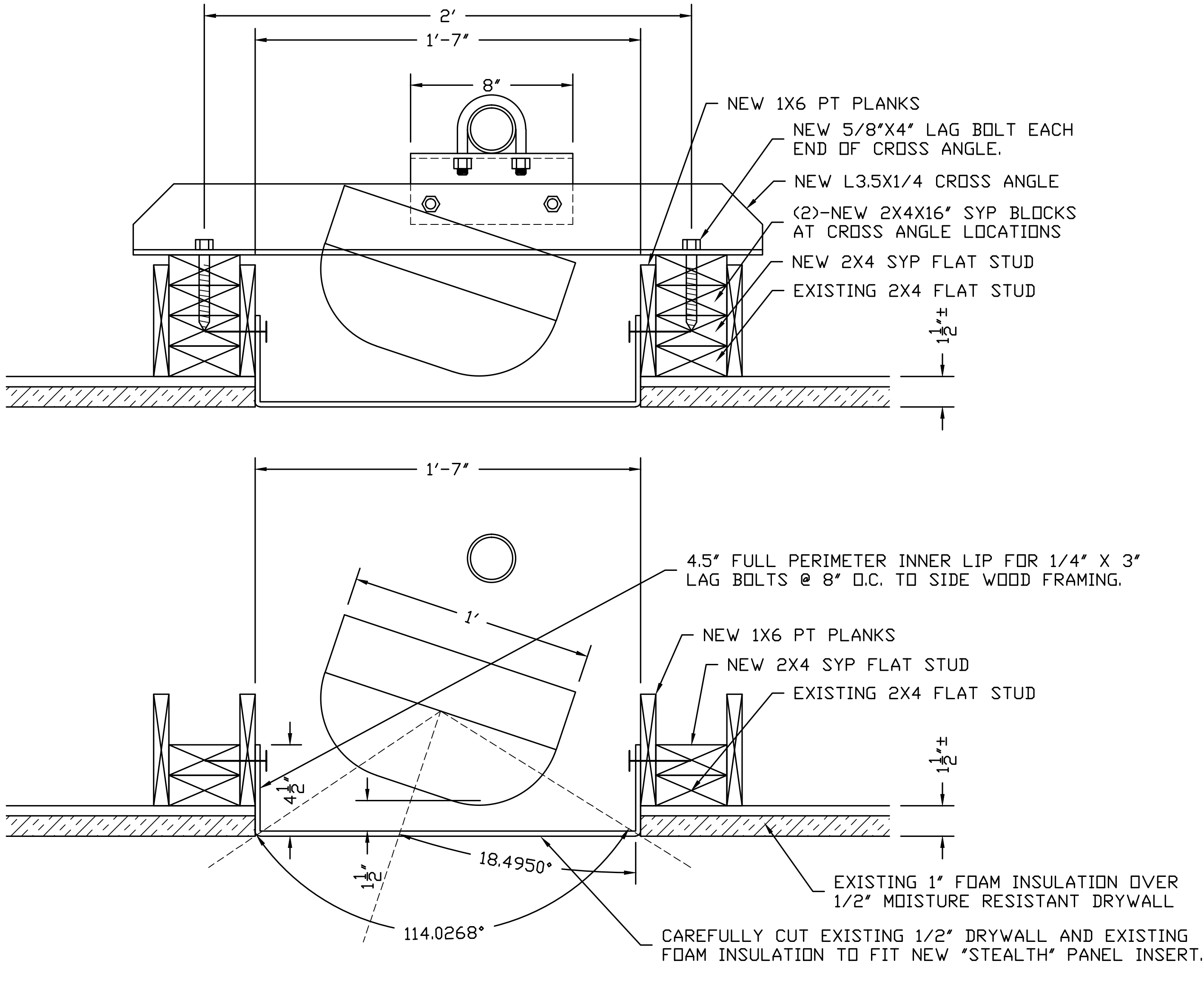
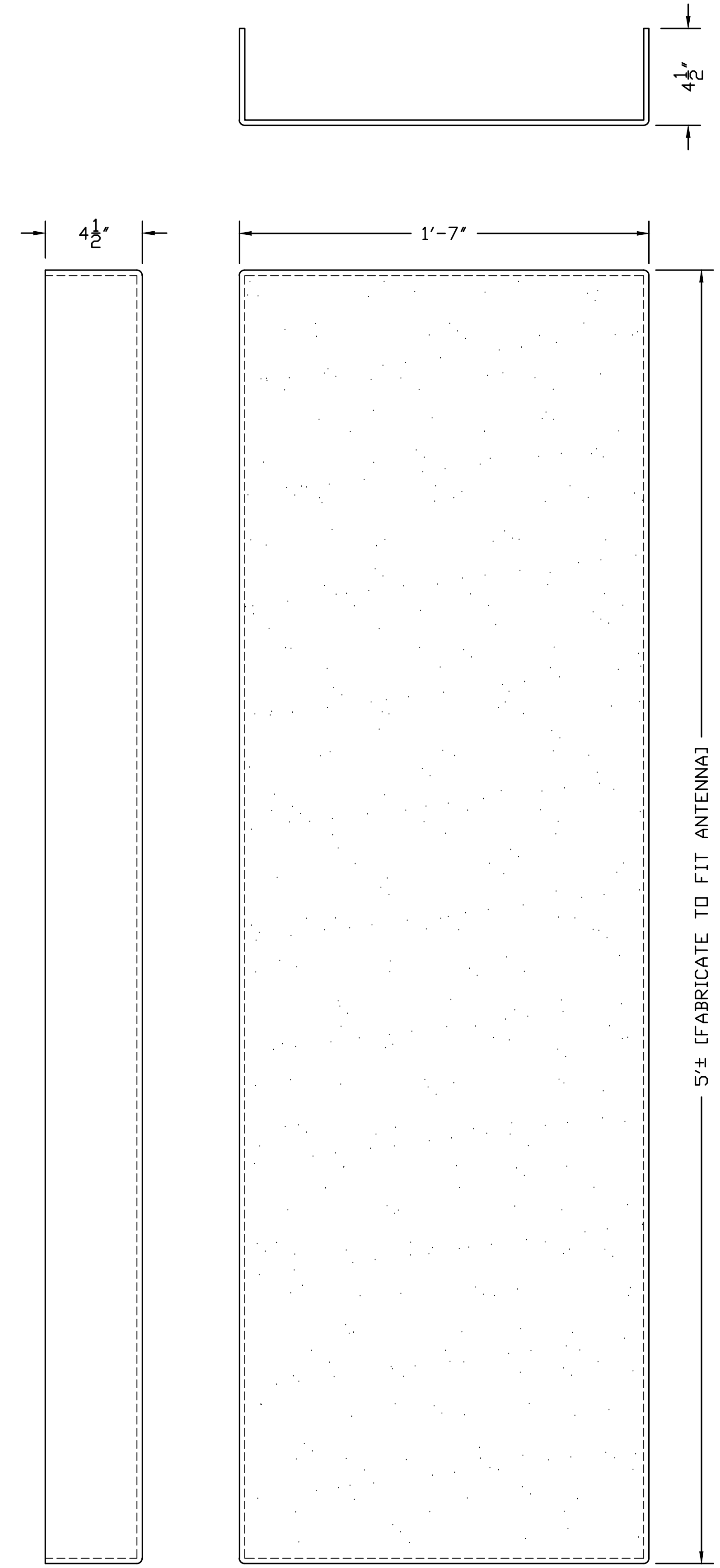


BETA & GAMMA SECTOR "STEALTH" PANEL INSERTS

SCALE: N.T.S.



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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

BETA/GAMMA "STEALTH" INSERT

SHEET NUMBER

S 4

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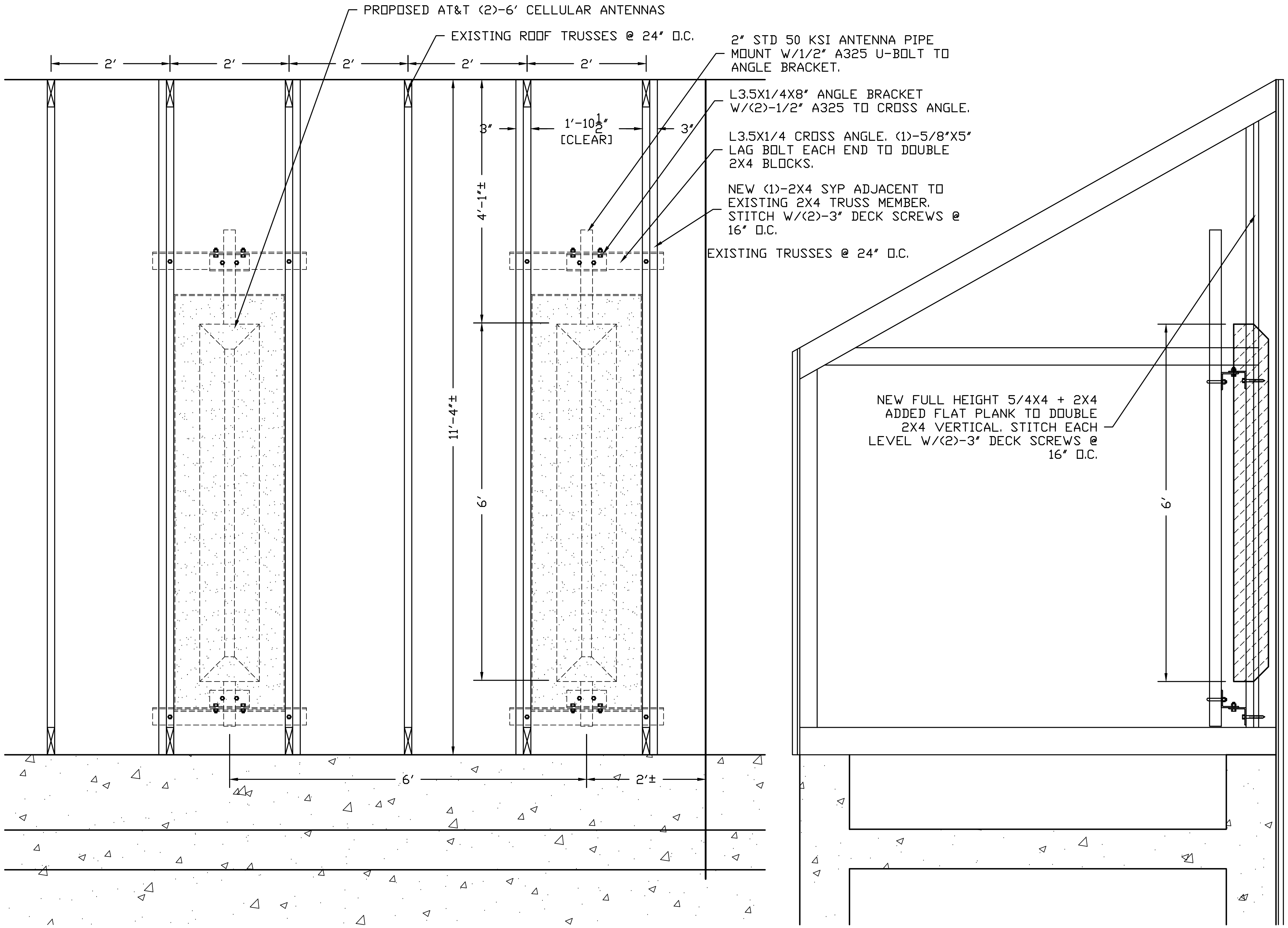

ALPHA SECTOR WOOD FRAMING

SCALE: N.T.S.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

ALPHA SECTOR WOOD FRAMING

SHEET NUMBER

S5

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PROJECT NO: 16-???

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STEALTH PANEL INSTALLATION NOTES/SPECIFICATIONS

STEALTH PANEL DESIGN NOTES:

1) ALL STEALTH PANELS SHALL BE RF TRANSPARENT.
2) ALL STEALTH PANELS SHALL RESEMBLE THE FINISH AS SPECIFIED IN PLANS. (USUALLY THE EXISTING BUILDING FINISH) ALTERNATE FINISH SHALL BE APPROVED BY OWNER OF MAIN STRUCTURE)
3) ALL STEALTH PANELS SHALL HAVE A CLASS-I FIRE RATING WITH MAXIMUM FLAME SPREAD OF 25.
4) ALL STEALTH PANELS SHALL BE DESIGNED BY FL LICENSED DESIGN PROFESSIONAL WITH DESIGN STRENGTH EQUAL TO OR EXCEEDING THE COMPONENT AND CLADDING DESIGN PRESSURES AS SPECIFIED IN PLANS.

STEALTH MANUFACTURERS SPECIFICATIONS

STEALTHSKIN™V (SSV) Concealment Panel PRODUCT INFORMATION SHEET

DESCRIPTION Through testing and the experience of thousands of concealment sites constructed, STEALTH® Concealment Solutions, Inc. has determined that the type and placement of materials used for screening antennas play a vital role in their performance. All STEALTH® concealment panels allow for superior antenna signal transmission compared to fiberglass without the durability problems of fiberblooming or cracking over time. STEALTH® panels are engineered and manufactured to become part of the existing structure and withstand extreme weather conditions while maintaining their original appearance.

APPLICATIONS STEALTH® SSV panels can be used to manufacture a variety of rooftop and tower type concealment products including screenwalls, wall replacements, side mounted boxes, clock towers, and bell towers.
The panel can be factory textured to match most existing architectural appearances, such as brick, stucco, aggregate, split face block, as well as custom applications.

RECOMMENDED FREQUENCIES STEALTH® generally recommends SSV panels for frequencies up to 7GHz. However, they perform well for certain application types. STEALTH® has insertion loss lab testing for the SSV panels up to 100 GHz at multiple incidence angles and textures. Test results for specific applications are available upon request.

SIZES AVAILABLE STEALTH® SSV panels are available in 4' x 8', 4' x 10', 4' x 12', 5' x 8' and 5' x 10' standard sizes. Custom sizes are available upon request. Nominal panel thickness is 2.1875". Panel weight is 1.4 lb/sf for a smooth/painted texture.

PHYSICAL PROPERTIES STEALTH® SSV panels are manufactured with a sandwich panel geometry. ABS plastic skins are laminated to a extruded polystyrene core using an ICBO approved adhesive. Physical performance properties of the skins and core are listed to the right.

FABRICATION/INSTALLATION STEALTH® SSV panels can be fabricated into various sizes and bent into corner panels and other shapes including radius applications. Due to the critical design aspects of many of its applications, STEALTH® recommends that qualified designers or consultants design a total concealment system to support the panels.

AVAILABILITY STEALTH® maintains inventory of SSV panels and has custom manufacturing capability in its facilities in California and South Carolina. Please contact us at (843) 207-8000 for sales information.

TECHNICAL SERVICES STEALTH® can provide technical information and support to address questions when using SSV panels. Technical personnel are available via telephone at (843) 207-8000.

PHYSICAL PERFORMANCE PROPERTIES OF ABS SKINS

PROPERTY	UNITS	TEST METHOD	RESULT
Specific Gravity	-	ASTM D-792	1.03
Water absorption (Saturated at 23C)	%	ASTM D-570	1.03
Rockwell Hardness	-	ASTM D-785	95
Tensile Modulus (73F)	psi	ASTM D-638	290,000
Tensile Strength, Yield (73F)	psi	ASTM D-638	6240
Tensile Strength Break (73F)	psi	ASTM D-638	4790
Elongation, Yield (73F)	%	ASTM D-638	3.5
Flexural Modulus (73F)	psi	ASTM D-790	297,000
Flexural Strength (73F)	psi	ASTM D-790	9570
Flammability Rating	-	UL94	HB

PHYSICAL PERFORMANCE PROPERTIES OF EXTRUDED POLYSTYRENE CORE

PROPERTY	UNITS	TEST METHOD	RESULT
Density	lb/ft^3	ASTM D 1622	1.5
Compressive Strength	lb/in^2	ASTM D1621	20
Tensile Strength	lb/in^2	ASTM D1623	50
Shear Strength	lb/in^2	ASTM C273	25
Shear Modulus	lb/in^2	ASTM C273	330
Flexural Strength	lb/in^2	ASTM C203	50
Flexural Modulus	lb/in^2	ASTM C203	1600
Water Absorption	% by vol.	ASTM C272	.5
R-Value per Inch	F·ft^2·h/Btu	ASTM C518	5.0
Surface Burning Characteristics (Flame Spread/ Smoke Developed)	-	ASTM E84	15/165

STEALTH® FIRST IN CONCEALMENT

STEALTH Concealment Solutions, Inc.
6549 Fain Boulevard, North Charleston, South Carolina 29406
toll-free 800.755.0689 www.stealthsite.com

WELDING NOTES

1. ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1/D1.1M: 2008 "STRUCTURAL WELDING CODE-STEEL".
2. ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
3. CONTRACTOR SHALL RETAIN AND AWS CERTIFIED WELD INSPECTOR TO PERFORM VISUAL INSPECTIONS ON FIELD WELDS. A LETTER AND REPORT SHALL BE ISSUED TO THE CONTRACTOR. CONTRACTOR SHALL SUBMIT LETTER AND REPORT TO THE ENGINEER OF RECORD.
4. GRIND THE SURFACE ADJACENT TO THE WELD FOR A DISTANCE OF 2" MINIMUM ALL AROUND. GRIND THE SURFACE OF THE ROD TO BE INSTALLED FOR A DISTANCE OF 2" MINIMUM ALL AROUND THE AREA TO BE WELDED. ENSURE BOTH AREAS ARE 100% FREE OF ALL GALVANIZING. SURFACES TO BE WELDED SHALL BE FREE FROM SCALE, SLAG, RUST, MOISTURE, GREASE OR ANY OTHER FOREIGN MATERIAL THAT WOULD PREVENT PROPER WELDING.
5. DO NOT WELD IF THE TEMPERATURE OF THE STEEL IN THE VICINITY OF THE WELD AREA IS BELOW 0°F, PREHEAT AND MAINTAIN THE STEEL IN THE VICINITY OF THE WELD AREA AT 70°F DURING THE WELDING PROCESS.
6. DO NOT WELD ON WET OR FROST-COVERED SURFACES & PROVIDE ADEQUATE PROTECTION FROM HIGH WINDS.
7. FOR ALL WELDING, USE E70XX ELECTRODES.
8. AFTER FINAL INSPECTION, THE AREA OF THE WELDS, THE INSTALLATION AND ALL SURFACES DAMAGED BY WELDING OR GRINDING SHALL RECEIVE A COLD-GALVANIZED COATING. THIS COATING SHALL BE APPLIED BY BRUSH. THE GALVANIZING COMPOUND SHALL CONTAIN A MINIMUM OF 95% ± PURE ZINC. THE FINISHED COATING SHALL BE A MINIMUM THICKNESS OF 3 MILS.

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SAMPLE DRAWING

ROOF TOP STEALTH

SHEET DESCRIPTION

NOTES

SHEET NUMBER

S 6

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