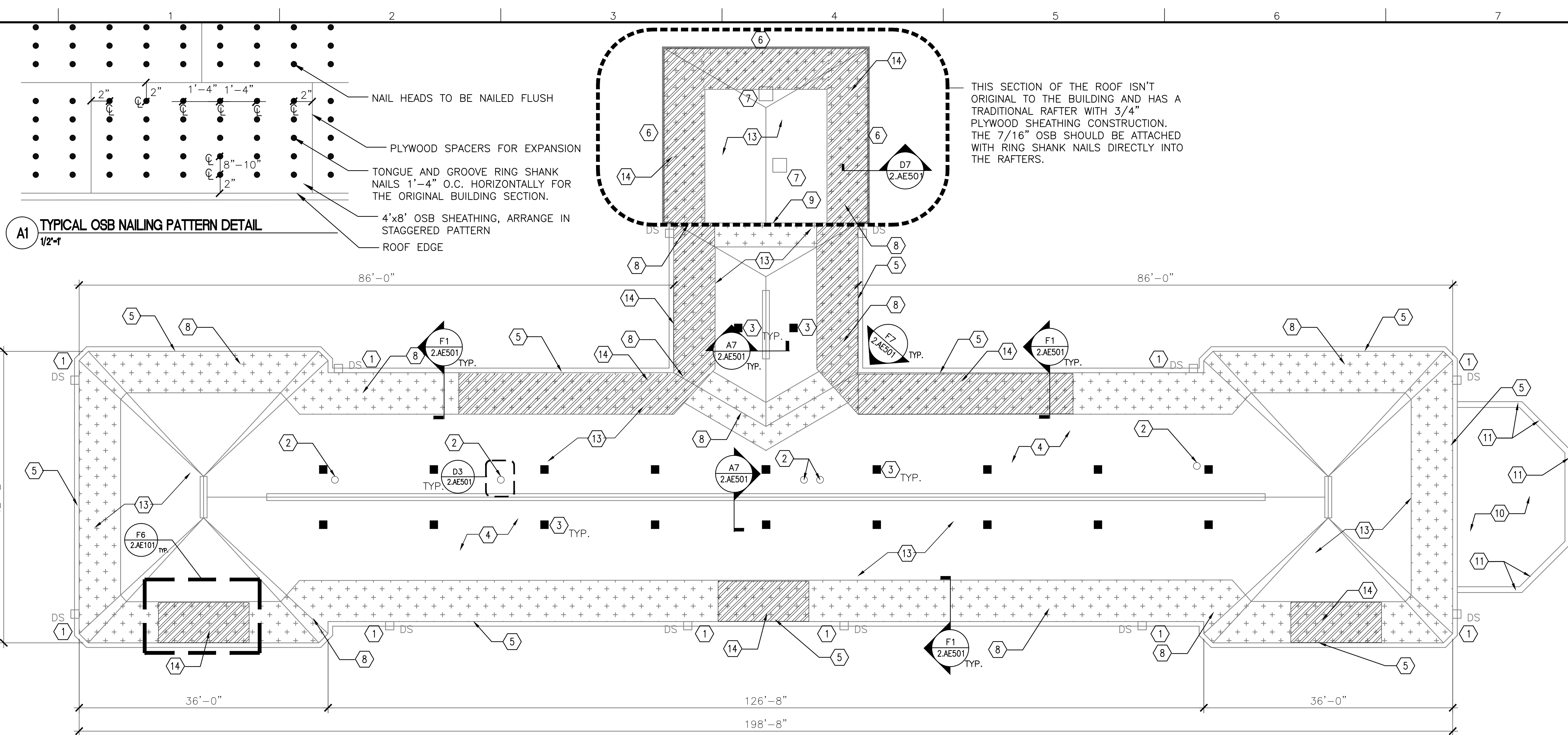
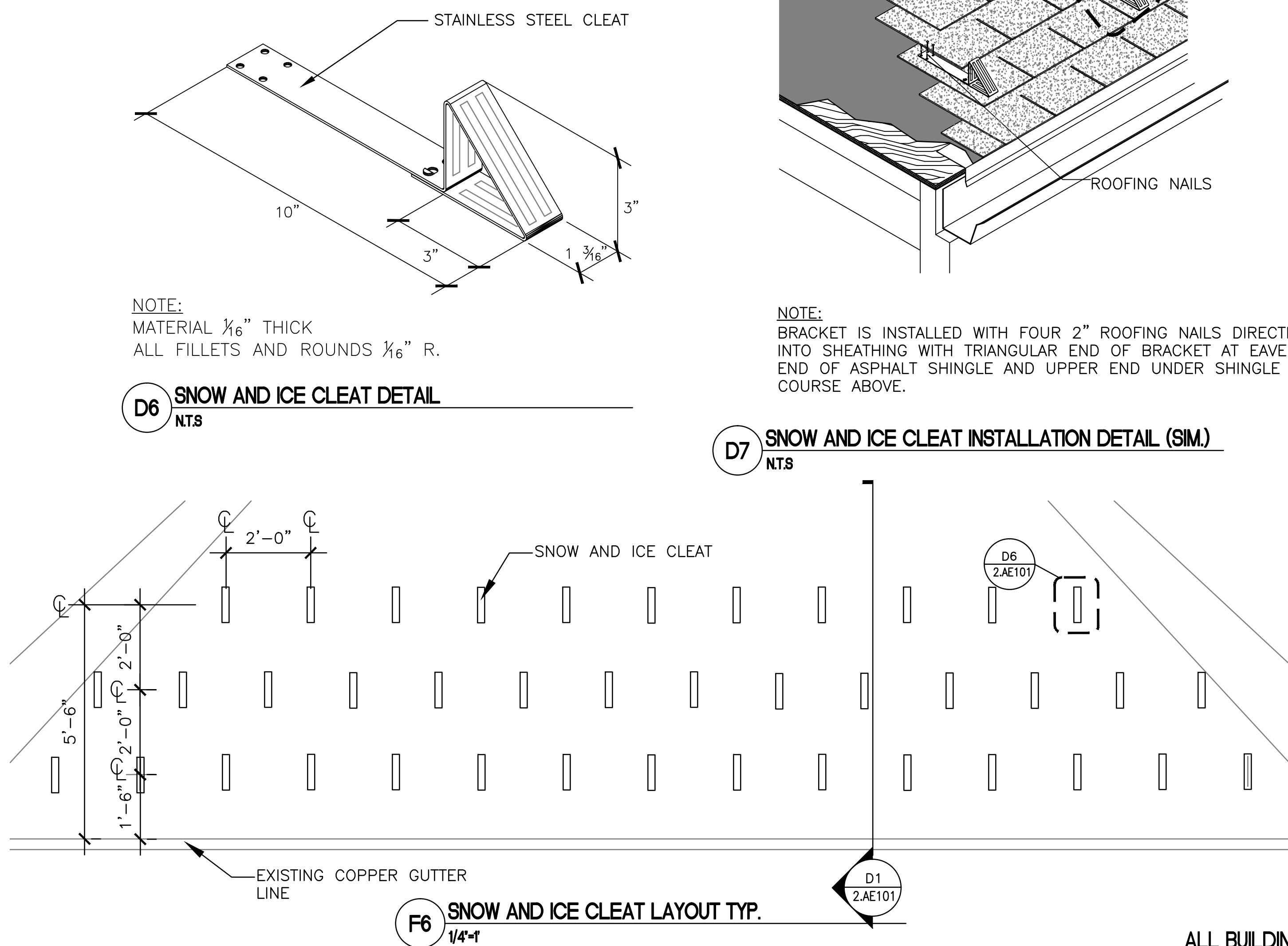
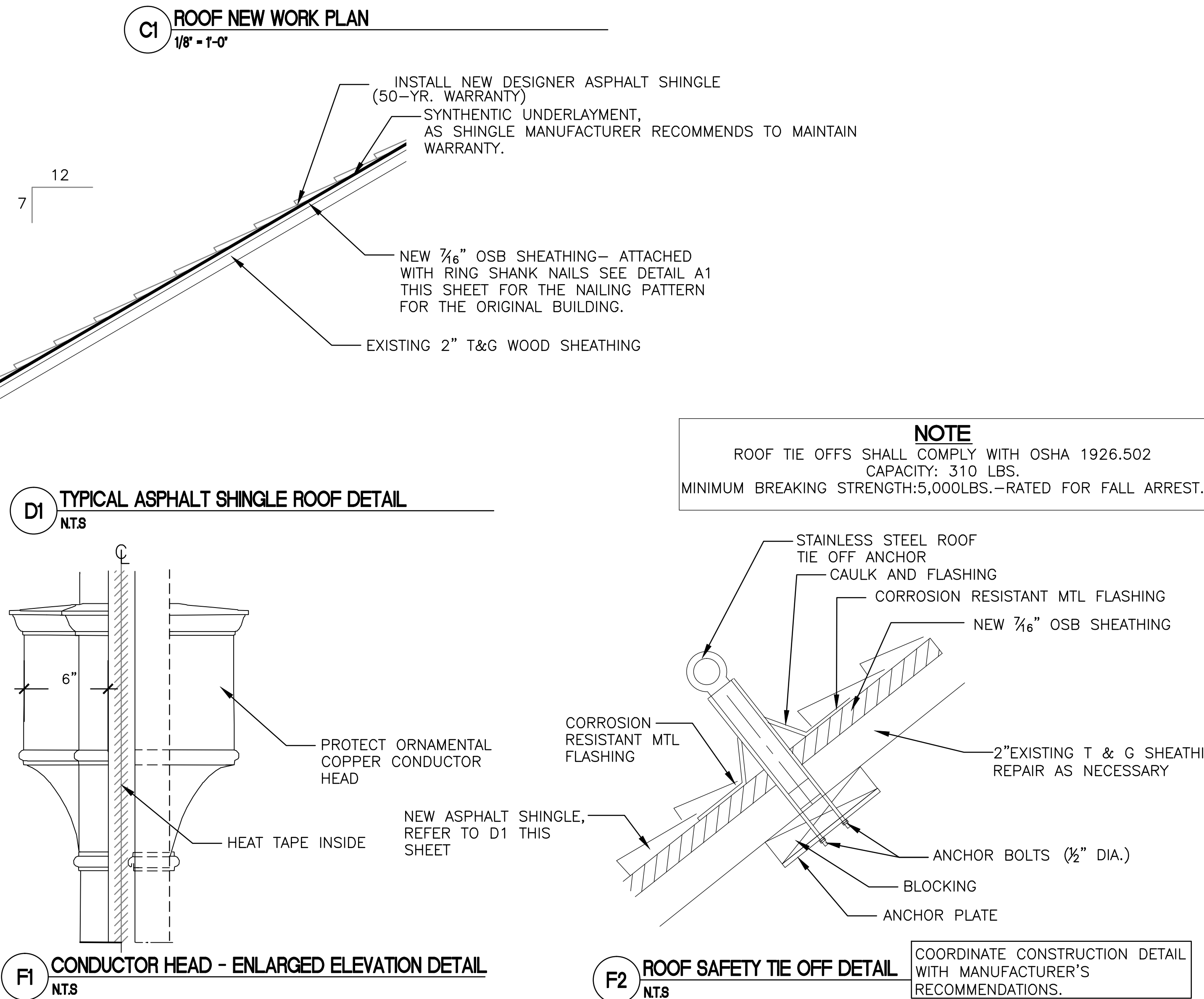
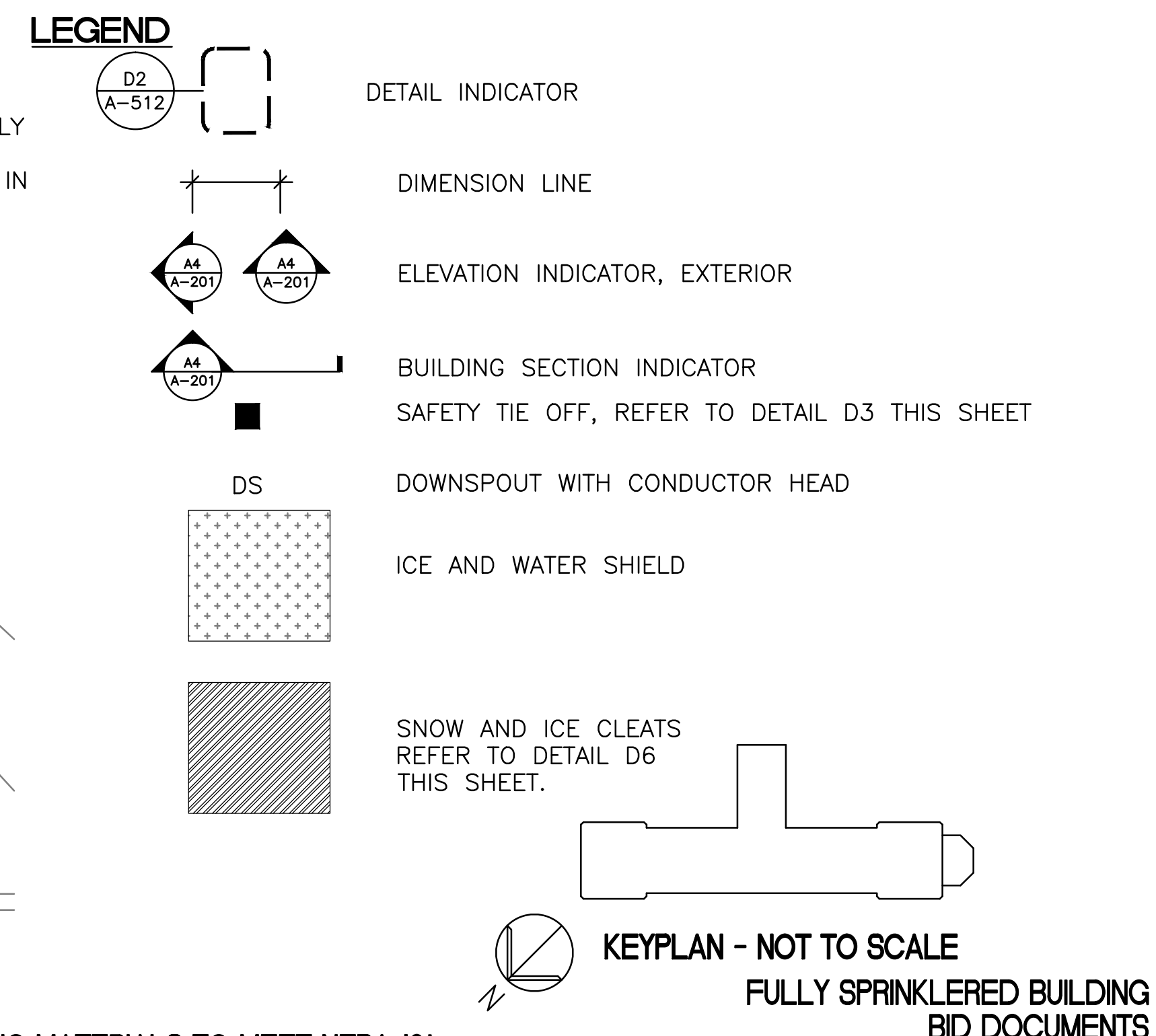


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



- NOTES**
- DRAWING INFORMATION OBTAINED EXISTING PLANS FROM VA DATED 01-11-38. DIMENSIONS AND ACCURACY TO BE FIELD VERIFIED.
 - EXISTING MATERIALS AND CONFIGURATIONS TO BE FIELD VERIFIED.
 - REFER TO 2.AE501 FOR ASPHALT SHINGLE DETAILS.
 - INSTALL 7/16" OSB SHEATHING OVER EXISTING ROOF DECK, REEFER TO A1 FOR NAILING PATTERN. PROVIDE SYNTHETIC UNDERLAYMENT BELOW ASPHALT SHINGLES. REFER TO D1 THIS SHEET.
 - COORDINATE WITH ELECTRICAL SHEETS FOR HEAT TAPE AND LIGHTNING PROTECTION.
 - CONTRACTOR SHALL CLEAN DEBRIS (INCLUDING ALL NAILS) FROM THE SITE.
 - EXISTING ROOFS NOT IN SCOPE (AT CORRIDORS AND FLAT SECTIONS) MUST BE INSPECTED BEFORE AND AFTER CONSTRUCTION AND RETURNED TO PRE CONSTRUCTION CONDITION IF CHANGES OCCUR.
 - CONTRACTOR SHALL SUPPLY VA WITH 3 SQ OF SHINGLES FOR ATTIC STOCK
 - NAILS SHALL BE CORROSION-RESISTANT, 11- OR 12-GAUGE, WITH HEADS OF AT LEAST 3/8" IN DIAMETER THAT PENETRATE COMPLETELY THROUGH SHEATHING.
 - SHINGLE SHALL HAVE A 50-YR. PRODUCT WARRANTY AND SHALL CONFORM TO ASTM D3462
 - PROVIDE FLASHING AT ALL PENETRATIONS, FLASHING METALS SHALL BE CORROSION RESISTANT.
 - PROTECT ALL EXISTING ITEMS TO REMAIN FROM DAMAGE.
 - ALL ROOF CONSTRUCTION MUST COMPLY WITH APPLICABLE AND CURRENT OSHA AND SMACNA REGULATIONS.
 - CONTRACTOR TO PROTECT THE INTAKE OF AHU 4 FOR THE CLC.
 - ALL BUILDING MATERIALS INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

- KEYED NOTES**
- CLEAN AND REPAIR EXISTING CONDUCTOR HEAD; REFER TO DETAIL F1 THIS SHEET.
 - EXISTING ROOF PENETRATION; FLASH PROVIDE LEAK BARRIER PER DETAIL D3/2.AE501.
 - STAINLESS STEEL ROOF SAFETY TIE OFF, REFER TO DETAIL D3, THIS SHEET. SAFETY TIE OFFS TO THE FACE OF THE ENDS OF THE BUILDING. TIE INTO EXISTING STRUCTURE.
 - REPLACE TONGUE AND GROOVE BOARDS AS NECESSARY. (APPROX. 15% OF TOTAL AREA.)
 - REPAIR EXISTING COPPER GUTTER AND FLASHING AND LEAF GUARDS IN GUTTER AS NECESSARY. REFER TO F1/2.AE501.
 - INSTALL COPPER GUTTERS AND DOWNSPOUTS TO MATCH ADJACENT. (TIE IN USING A SIMILAR CONFIGURATION; INSTALL SOFFIT AND FASCIA BOARD. REFER TO D7/2.AE501.
 - INSTALL ATTIC VENTILATION, FAN, AND PROVIDE FLASHING, REFER TO DETAIL D9/2.AE501
 - PROVIDE ICE AND WATER SHIELD.
 - COPPER STEP FLASHING, REFER TO DETAIL D6/2.AE501.
 - SOLARIUM ROOF NOT IN SCOPE. PROTECT AND MAINTAIN.
 - LIMESTONE CAP TO BE SEALED AT JOINTS WITH ACRYLIC PATCH CEMENT.
 - INSTALL NEW RIDGE VENT, REFER TO A7/2.AE501.
 - INSTALL 7/16" OSB OVER EXISTING TONGUE AND GROOVE DECK, INSTALL ICYNENE SPRAY FOAM INSULATION BELOW NEW ASPHALT SHINGLE SYSTEM, REFER TO DETAIL D1, THIS SHEET.
 - PROVIDE SNOW AND ICE CLEATS AT 24" O.C. STAGGERED REFER TO DETAILS D6 AND F6 THIS SHEET.



ALL BUILDING MATERIALS TO MEET NFPA 101

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|------------|--|------|--|--|--|--|--|---------------------|--|--------------------------------------|--|---|--|-------------------------------|--|---|--|
| | | | | | | ARCHITECT/ENGINEERS: | | | | Drawing Title: ROOF NEW WORK PLAN | | Project Title: BUILDING 2 ROOF REPLACEMENT (A+E) | | Project Number: 529-12-106 | | Office of Construction and Facilities Management | |
| | | | | | | <div>PARADIGM</div> <div>ENGINEERS AND CONSTRUCTORS</div> <div>300 Mount Lebanon Blvd #201A, Pittsburgh, PA 15234 -- PH: 502.339.8511 -- www.paradigmusa.com</div> | | | | Approved Project Director | | Location: VA BUTLER HEALTHCARE 325 NEW CASTLE ROAD, BUTLER PA 16001-2480 | | Building Number: 2 | | | |
| | | | | | | | | Date: 12-20-2012 | | | | Checked: BVG | | Drawn: JDM | | | |
| Revisions: | | Date | | | | | | | | | | | | | | Department of Veterans Affairs | |