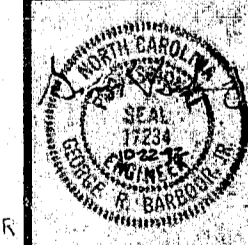
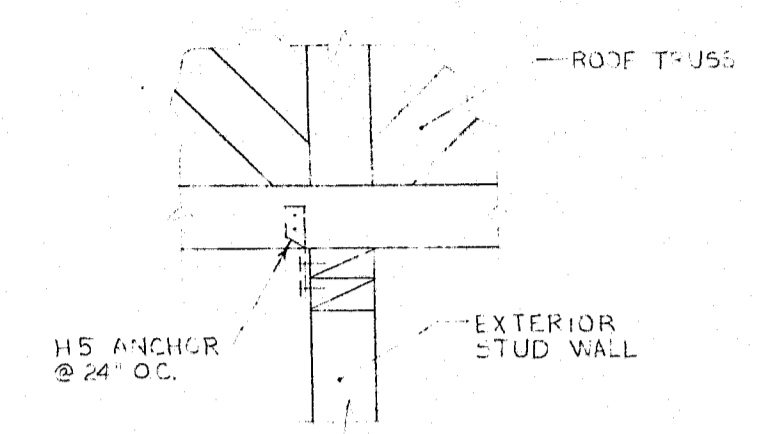


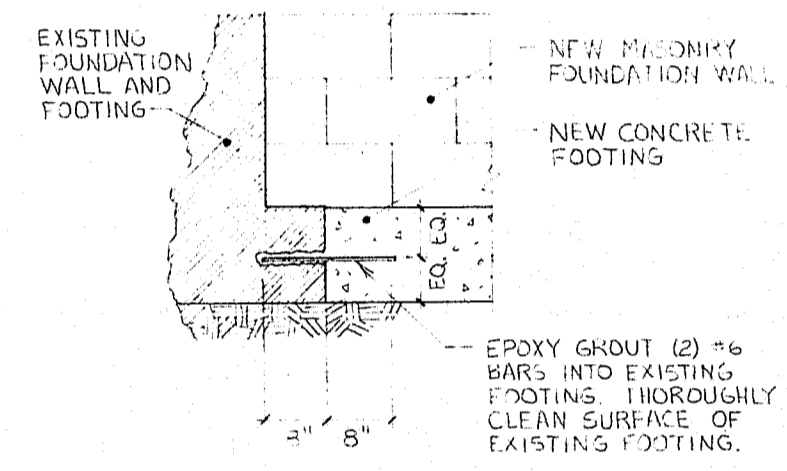
NO.	DATE	REVISIONS
1	10-22-92	ISSUE FOR CONST.



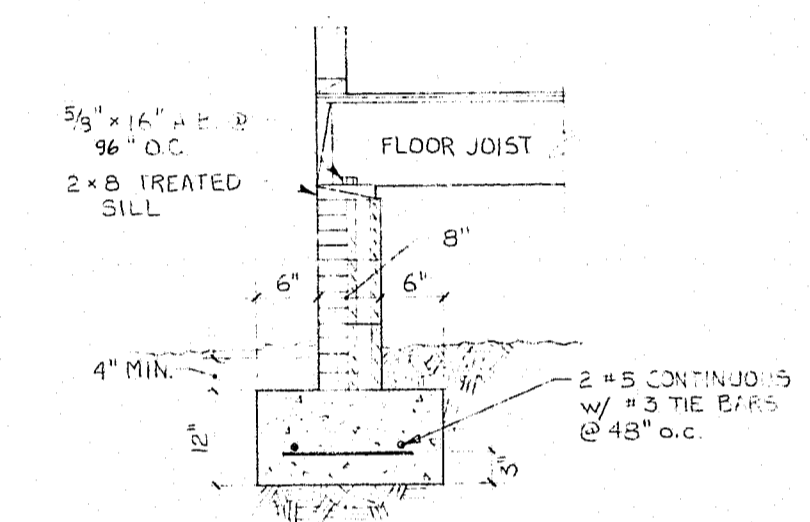
Scale: AS NOTED
 Sheet: S3 of 3
 Date: 10-22-92
 PROJECT NUMBER: 9-21-A-200



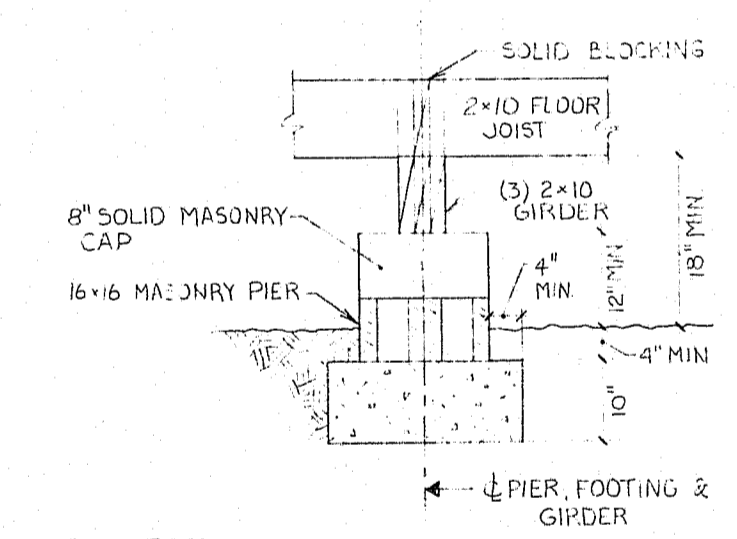
SECTION 4
 5/8" = 1'-0"



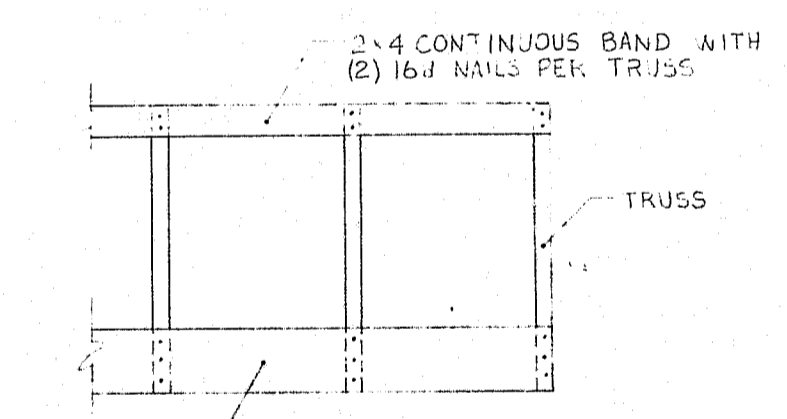
DETAIL 7
 5/8" = 1'-0"



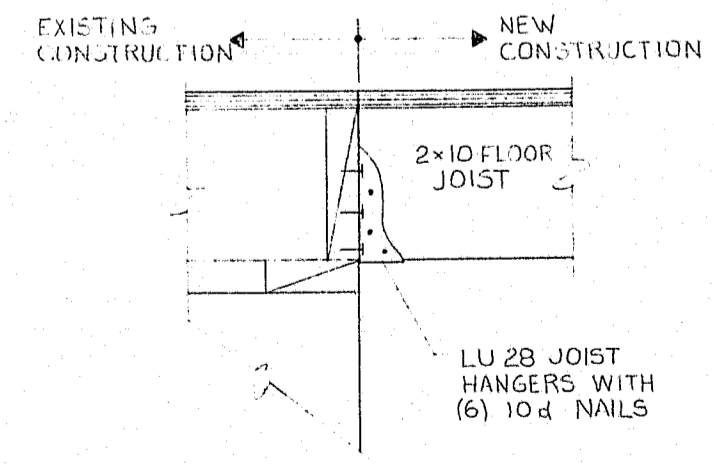
SECTION 3 FOUNDATION WALL SECTION
 5/8" = 1'-0"



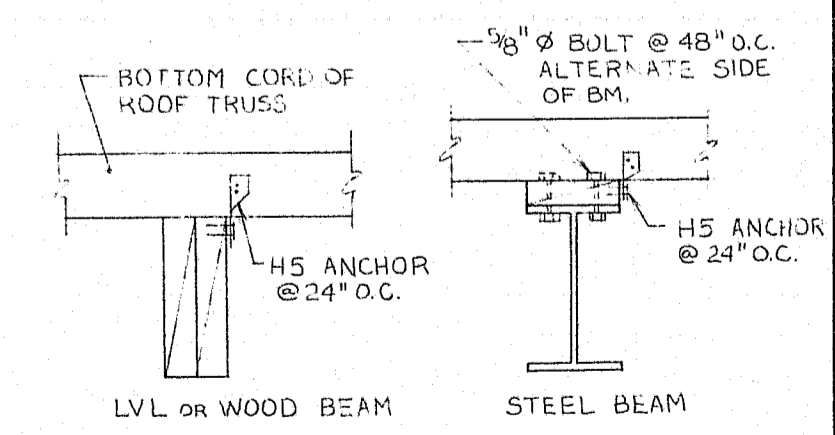
SECTION 5
 3/4" = 1'-0"



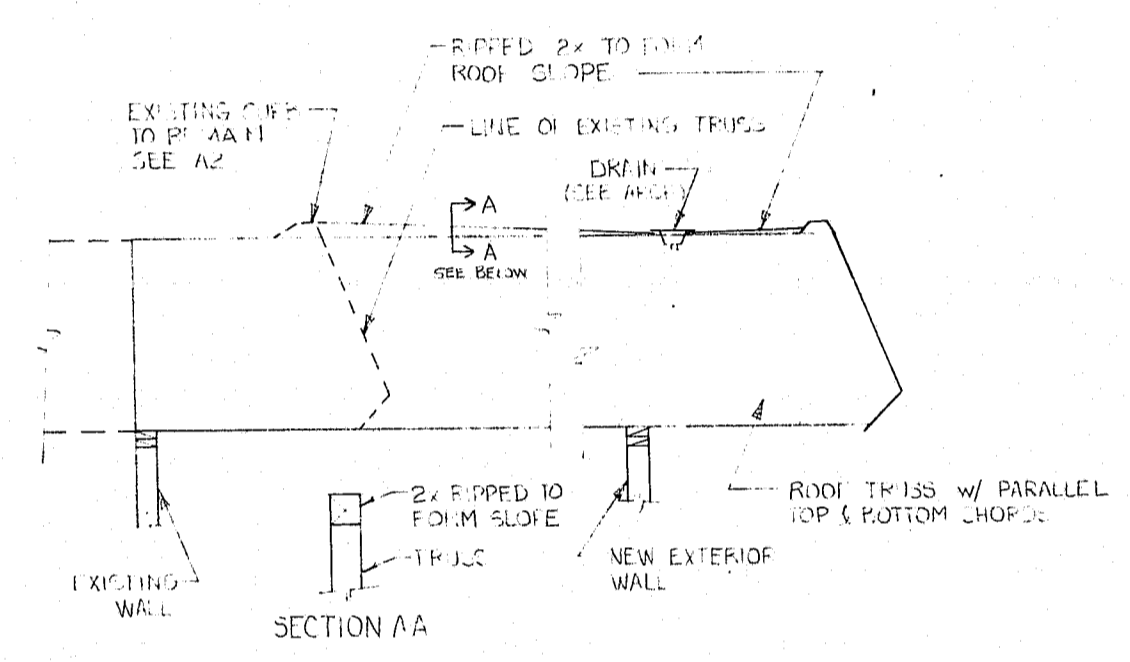
BAND DETAIL (TYPICAL) 2
 5/8" = 1'-0"



SECTION 5
 1/2" = 1'-0"



HEADER DETAIL (TYPICAL) 1
 5/8" = 1'-0"



SECTION 8
 5/8" = 1'-0"

- GENERAL NOTES:**
- DESIGN**
- CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, VOLUME 1 WITH GENERAL CONSTRUCTION REVISIONS THROUGH 1992.
 - LIVE LOADS USED IN DESIGN ARE AS FOLLOWS:
 ROOF: 20 PSF
 OFFICE: 50 PSF
 CORRIDOR: 100 PSF
 WAITING ROOMS: 100 PSF
 - DEAD LOADS USED IN DESIGN ARE AS FOLLOWS:
 ROOFING: 10 PSF
 TRUSS: 5 PSF
 CEILING: 5 PSF
 TOTAL DL ON TRUSSES: 20 PSF
 WEIGHT OF PARTITIONS (PSF OF PARTITION): 8 PSF
 TOTAL FLOOR SYSTEM DL: 10 PSF
 - WIND LOADS ARE BASED ON A BASIC WIND VELOCITY OF 80 MPH.
- COORDINATION**
- STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH AND COORDINATED WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL.
- FOUNDATION**
- FOUNDATION DESIGN IS BASED ON A PRESUMPTIVE ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. THE PRESUMED SOIL BEARING PRESSURE SHALL BE VERIFIED BY THE CONTRACTOR.
- CONCRETE**
- ALL CONCRETE WILL BE NORMAL WEIGHT AND SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
- MASONRY**
- CONCRETE MASONRY UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C90.
 - MORTAR SHALL CONFORM TO THE REQUIREMENTS OF ASTM C476 AND SHALL BE TYPE S.
- REINFORCING STEEL**
- REINFORCING STEEL SHALL CONFORM TO ASTM A615 AND SHALL BE GRADE 60.
 - LAP SPICES SHALL BE 30 BAR DIAMETERS OR 12", WHICHEVER IS GREATER.
- STRUCTURAL STEEL**
- ALL STEEL SHALL CONFORM TO ASTM A36
 - ALL WELDING SHALL BE PERFORMED BY A WELDER CERTIFIED FOR THE TYPE OF WELDING PERFORMED, USING E70XX ELECTRODES AND SHALL CONFORM TO AWS STANDARDS.
- WOOD FRAMING**
- WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION, BY AN ENGINEER REGISTERED IN THE STATE OF NORTH CAROLINA.
 - WOOD FRAMING SHALL BE NO. 2 S.Y.P. KD.
 - ROOF SHEATHING SHALL BE 1/2" APA RATED SHEATHING 24/16, EXPOSURE 2.
 - FLOOR SHEATHING SHALL BE 23/32" APA RATED STURD-FLOOR AND SHALL BE TONGUE-AND-GROOVE. SHEATHING SHALL BE GLED AND NAILED TO FLOOR JOISTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 - ALL LVL BEAMS TO HAVE MINIMUM $F_b = 2,800$ PSI AND $E = 2,000,000$ PSI. $F_c = 500$ PSI, $F_{cl} = 2,700$ PSI, $F_v = 285$ PSI.
- EXISTING STRUCTURES**
- SIZES, ELEVATIONS AND DIMENSIONS OF EXISTING ELEMENTS ARE BASED ON EXISTING DRAWINGS PROVIDED BY THE OWNER AND ARE FOR GENERAL REFERENCE ONLY. NOTIFY THE ENGINEER OF ANY DISCREPANCIES AS SOON AS POSSIBLE.
 - THE CONTRACTOR SHALL TEMPORARILY SHORE EXISTING ROOF OR FLOOR STRUCTURES AS REQUIRED TO PERFORM THE WORK.
- FASTEN DOUBLE LVL BEAMS PER MANUFACTURER'S RECOMMENDATIONS WITH A MINIMUM 2 ROWS OF 16d NAILS AT 12" O.C. USE 3 ROWS OF 16d NAILS AT 12 O.C. FOR 14", 16" AND 18" DEEP BEAMS.**
- ALL HANGERS ARE BY SIMPSON STRONG TIE CO. OR EQUAL.**
- UNLESS OTHERWISE NOTED, HEADERS FOR OPENINGS IN LOAD BEARING INTERIOR & ALL EXTERIOR WALLS SHALL BE (2) 2 X 10.**
- PROVIDE DOUBLE FLOOR JOISTS UNDER ALL NEW PARALLEL PARTITIONS.**