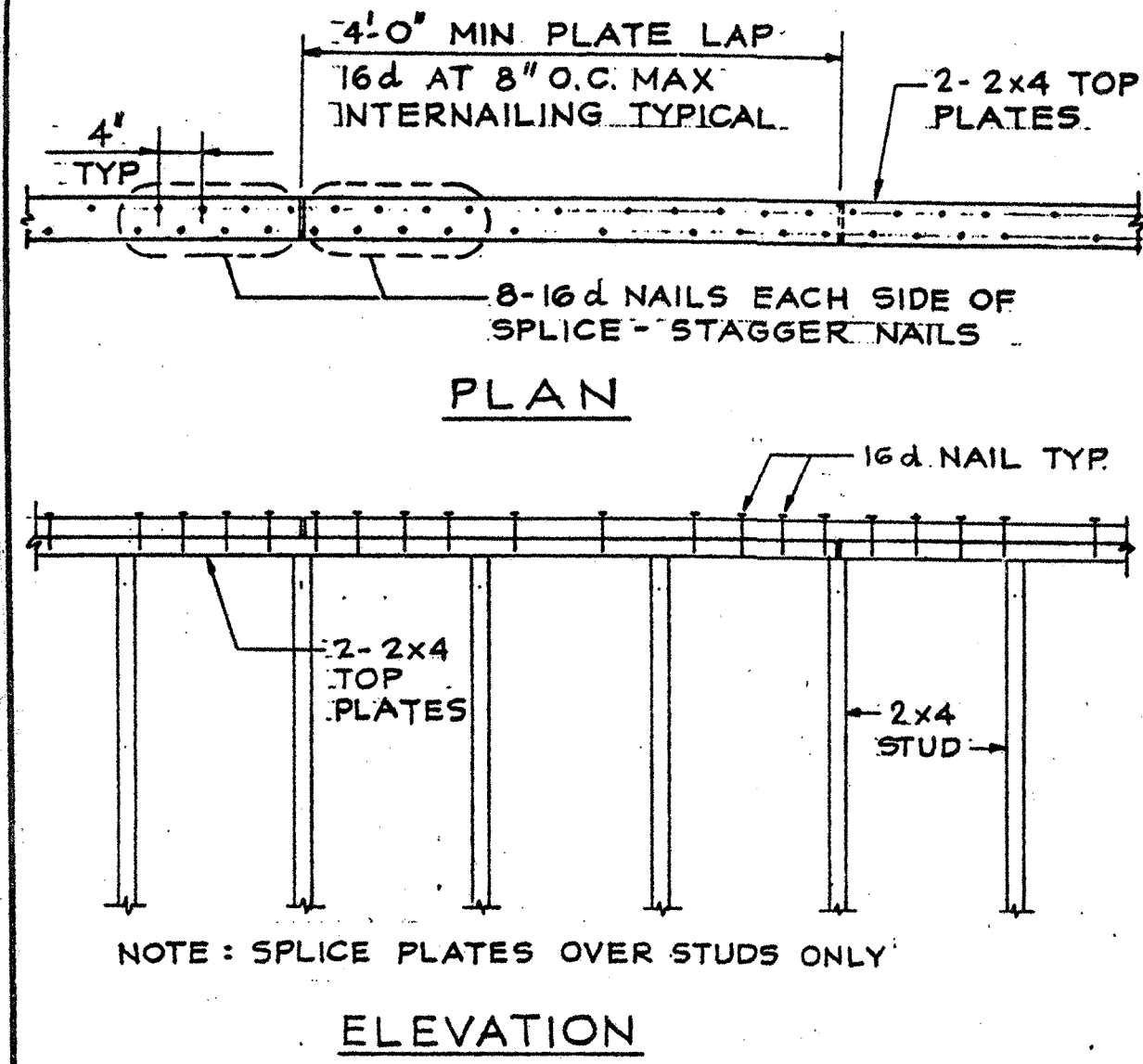


SPECIAL INSPECTIONS

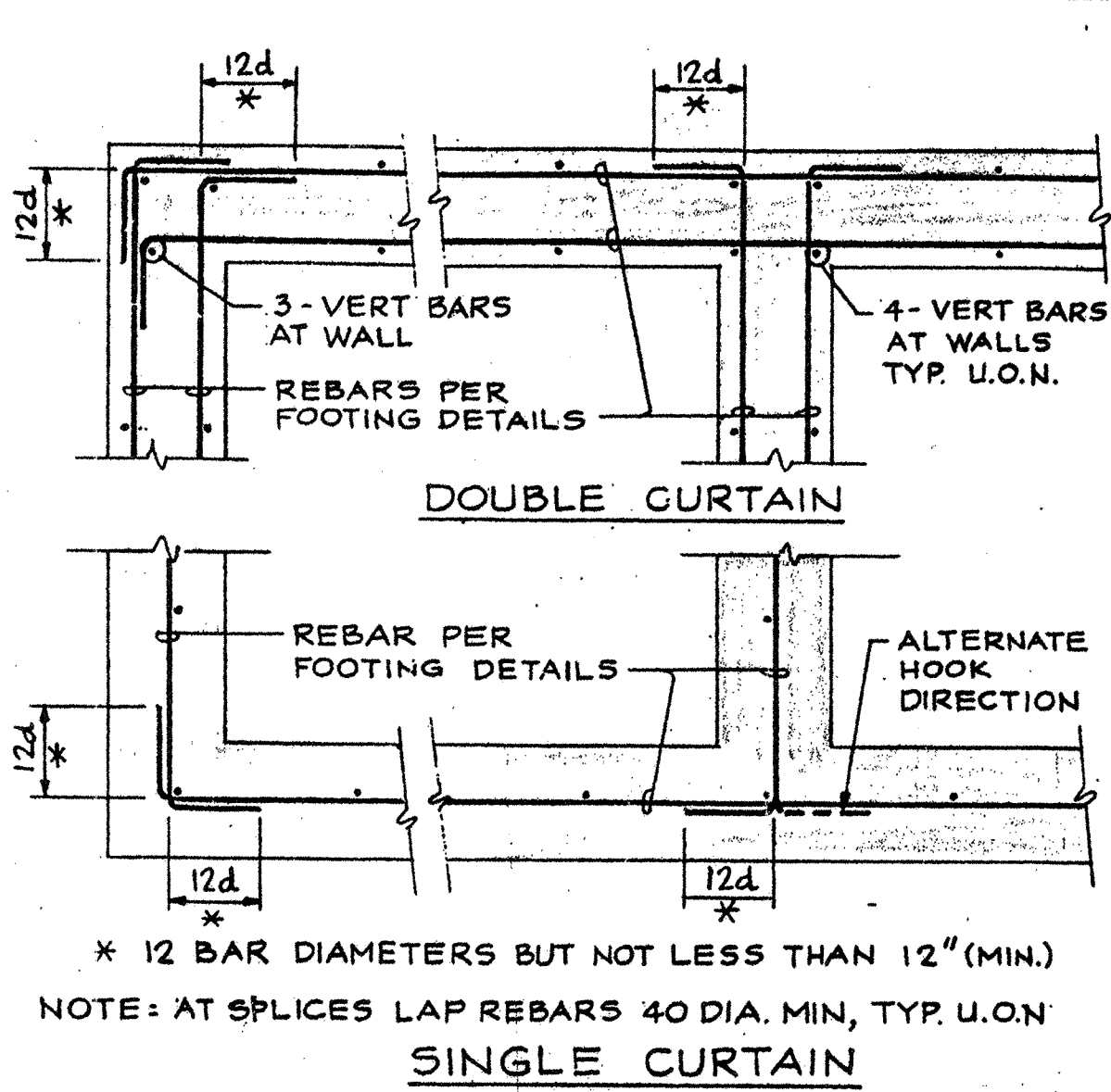
1. GRADING, DRAINAGE, PAD PREPARATION
 - a. Henry Justiniano & Associates (Soils Eng.)
2. STRUCTURAL REINFORCING STEEL
 - a. B.R. Govindarao (Engineer of Record)
3. STRUCTURAL COLUMNS, INCLUDING REINFORCING STEEL N.R.
 - a. B.R. Govindarao (Engineer of Record)
4. EPOXY INSTALLED ANCHOR AND HOLD DOWN BOLTS N.R.
 - a. B.R. Govindarao (Engineer of Record)
5. STRUCTURAL WELDING
 - a. Fabricator's shop welding inspector
6. MANUFACTURED TRUSSES N.R.
 - a. B.R. Govindarao (Engineer of Record)

Observed deficiencies shall be reported to the Owner, the Special Inspector, the Contractor and the Building Official.

Prior to final inspection, the structural observer shall submit to the Building Official a written statement that site visits have been made and identify any reported deficiencies that have not been resolved.



MINIMUM TOP PLATE SPLICE
SCALE: 3/4" = 1'-0"



CONC FOOTING - TYP REINFORCING
AT CORNER & INTERSECTION
NO SCALE.

GENERAL NOTES

A. GENERAL

1. ALL WORK SHALL CONFORM TO PROJECT CONSTRUCTION DOCUMENTS AND THE CURRENT EDITION OF THE C.A.I.F., BUILDING CODE (CBC), AND APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS, LAWS AND CITY ORDINANCES.
2. THE INTENT OF THESE DRAWINGS IS TO SHOW ALL ITEMS NECESSARY TO COMPLETE THE STRUCTURE. TYPICAL DETAILS AND NOTES SHALL APPLY TO SIMILAR CONDITIONS, UNLESS SPECIFICALLY NOTED OTHERWISE.
3. ALL CONDITIONS NOT DETAILED ON THE DRAWINGS SHALL BE SIMILAR AND CONSISTENT IN TYPE AND CHARACTER TO THE DETAILS SHOWN FOR SIMILAR CONDITIONS. SUCH DETAILS SHALL BE SUBJECT TO REVIEW BY THE ARCHITECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL VERIFY ALL EXISTING JOB CONDITIONS AND CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
5. COORDINATE STRUCTURAL DRAWINGS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
6. JOB SAFETY: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, ERECTION AND JOB SAFETY, AND SHALL COMPLY WITH ALL SAFETY REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF SHORING, BRACING, FORM WORK, ETC., REQUIRED FOR THE PROTECTION AND SAFETY OF LIFE AND PROPERTY DURING THE CONSTRUCTION PERIOD.

C. WOOD

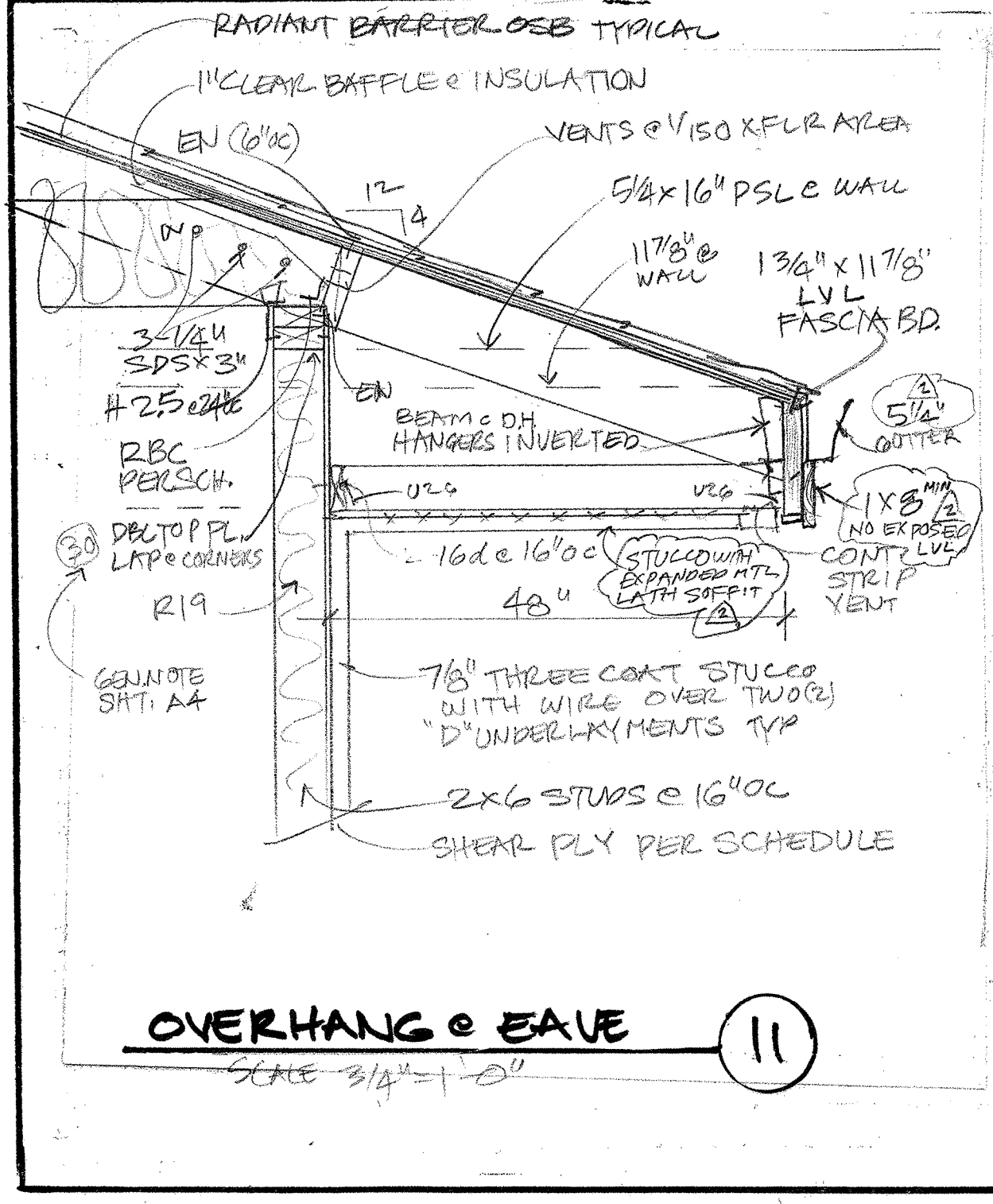
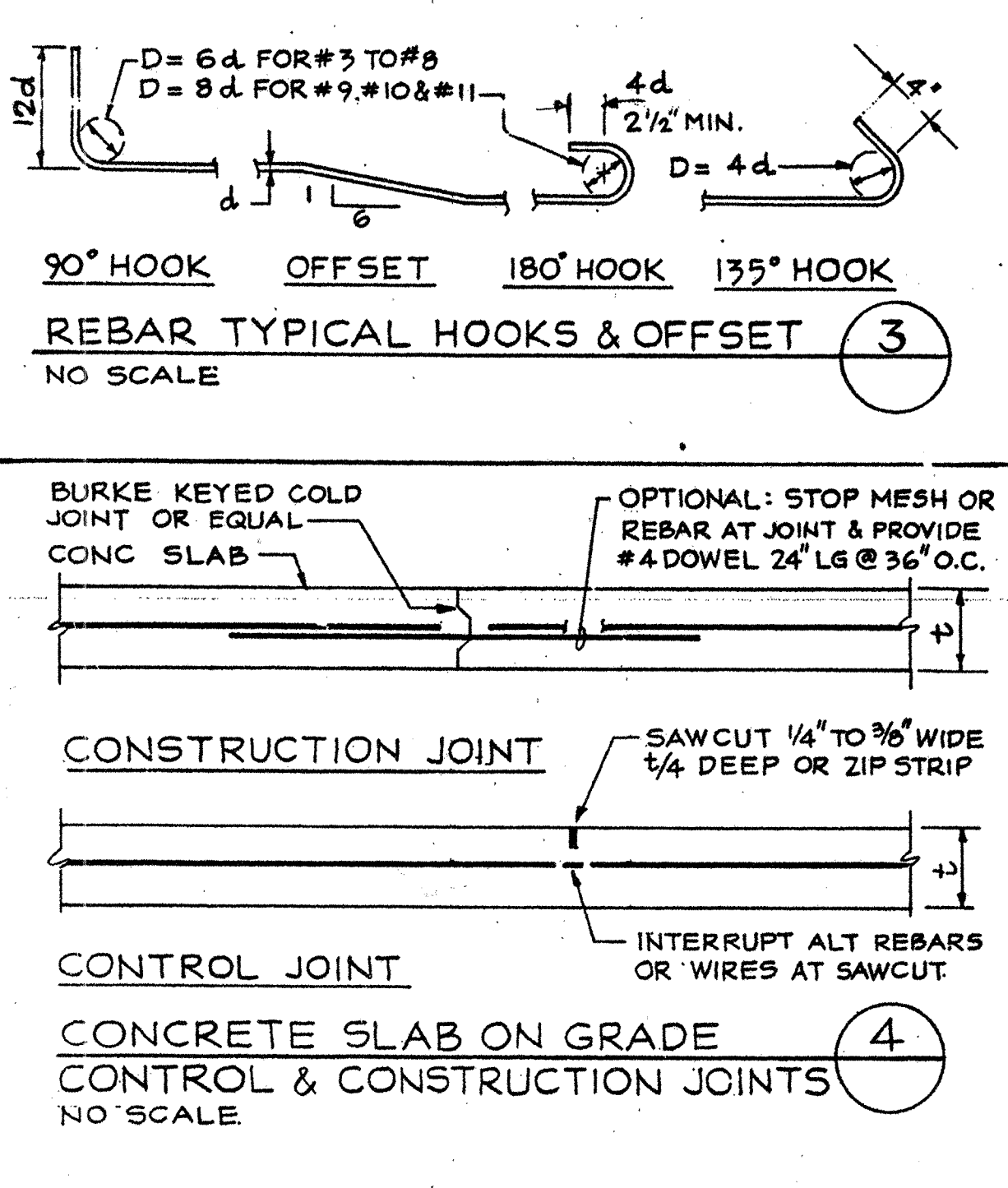
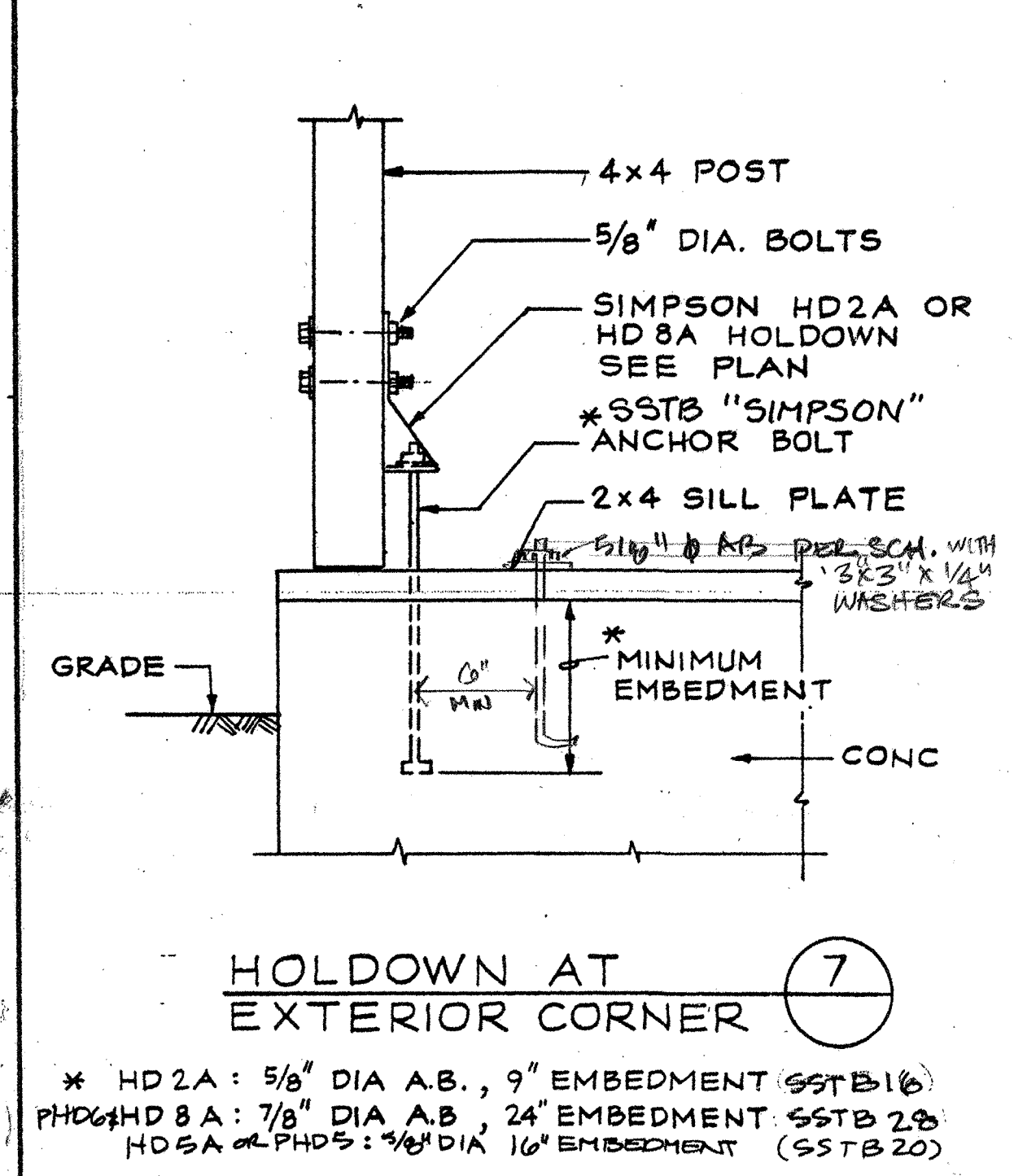
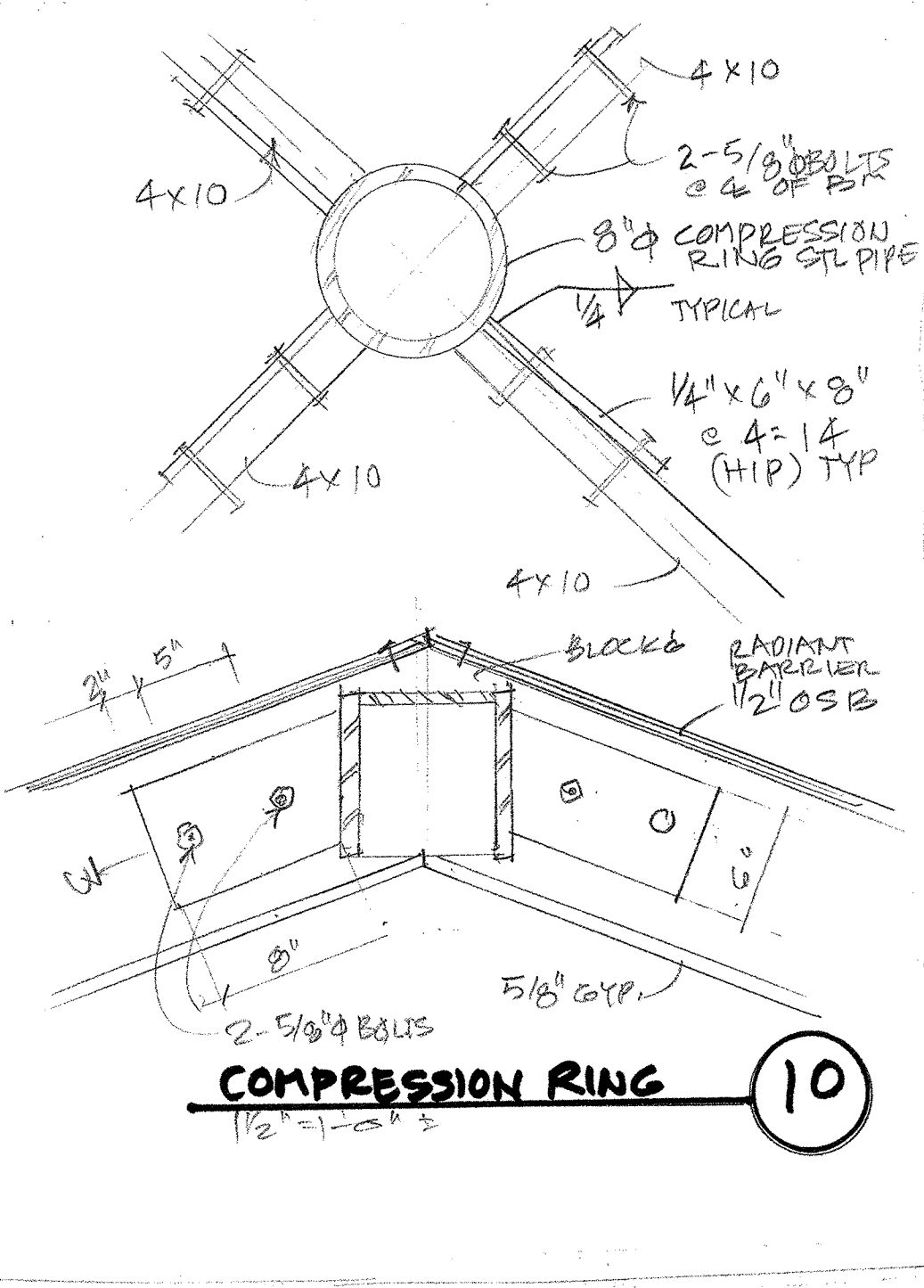
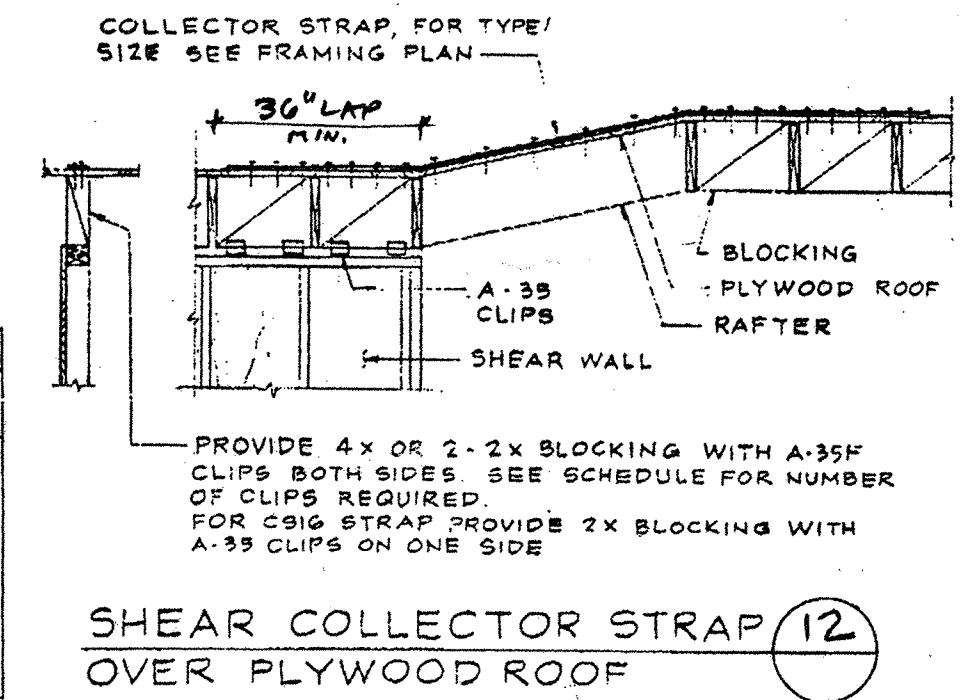
1. GENERAL WOOD FRAMING: WOOD FRAMING SHALL BE IN ACCORDANCE WITH THE CURRENT CBC AND THE STANDARD PRACTICES RECOMMENDED BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION AND WCLA GRADING.
2. BOLTS PROVIDED IN WOOD FRAMING SHALL BE STANDARD MACHINE BOLTS. PROVIDE MALLEABLE IRON WASHERS UNDER HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. UNLESS OTHERWISE NOTED, RETIGHTEN ALL BOLTS BEFORE CLOSING IN.
3. THE MAXIMUM MOISTURE CONTENT OF STRUCTURAL MEMBERS SHALL NOT EXCEED 15%.
4. SIZING AND SURFACING: ALL LUMBER, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, SHALL BE MILL SIZED AND SURFACED ON ALL FOUR SIDES. LUMBER SHALL BE SINGLE-LENGTH PIECES FROM STRAIGHT STOCK FREE FROM WARP AND CUP. SPLICING SHALL NOT BE PERMITTED EXCEPT WHERE SPECIFICALLY DETAILED OR APPROVED BY THE ENGINEER.
5. JOIST HANGERS AND MISCELLANEOUS CONNECTORS: WOOD MEMBERS NOT RESTING ON, OR FRAMED OVER THEIR SUPPORTS, SHALL BE SUPPORTED BY MEANS OF SIMPSON STRONG TIE JOIST HANGERS.
6. WOOD MEMBERS BEARING DIRECTLY UPON CONCRETE OR EXPOSED TO WEATHER, SHALL BE PRESSURE-TREATED DOUGLAS FIR OR REDWOOD.
7. UNLESS NOTED OTHERWISE ON THE DRAWINGS, FRAMING MEMBERS 3 X AND SMALLER AND 4 X POSTS SHALL BE DOUGLAS FIR, GRADE NO. 2. FRAMING MEMBERS 4 X AND LARGER SHALL BE DOUGLAS FIR, GRADE NO. 1.
8. INTERIOR STUDS SHALL BE DOUGLAS FIR, NO. 2. STUD SPACING SHALL BE 16 INCHES ON CENTERS, UNLESS OTHERWISE NOTED.
9. NAILING: WOOD MEMBERS SHALL BE CONNECTED WITH COMMON WIRE NAILS, UNLESS LARGER SIZE OR MORE NUMBER OF NAILS ARE CALLED ON THE DRAWINGS. THE MINIMUM NAILING FOR FRAMING SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE PER UBC TABLE 25Q. NAILING FOR PLYWOOD DIAPHRAGM SHALL BE IN ACCORDANCE WITH THE PLYWOOD DIAPHRAGM SCHEDULE.

B. FOUNDATIONS AND CONCRETE SLAB-ON-GRADE

1. THE DESIGN OF FOUNDATIONS IS BASED ON AN ASSUMED 500 PSF FOR DEAD LOAD PLUS LIVE LOAD.
2. CONCRETE FOR FOUNDATIONS AND SLAB-ON-GRADE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS. CONCRETE SHALL HAVE NOT LESS THAN 6 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE. THE MAXIMUM SIZE OF AGGREGATE SHALL NOT EXCEED 3/4 INCH FOR SLAB-ON-GRADE AND 1-1/2 INCHES FOR FOOTINGS. CONCRETE SLUMP SHALL NOT EXCEED 4 INCHES WHEN PLACED.
3. CONCRETE SHALL BE REGULAR WEIGHT, WITH HARD-ROCK TYPE (150 LB/CF). AGGREGATE SHALL CONFORM TO ASTM C33. CEMENT SHALL CONFORM TO ASTM C150 TYPE I.
4. CONCRETE SHALL BE MACHINE MIXED AND DELIVERED TO THE SITE IN ACCORDANCE WITH ASTM C-94.
5. CONCRETE PLACEMENT SHALL BE IN ACCORDANCE WITH ACI 301.
6. MINIMUM CLEAR COVER OF CONCRETE OVER REINFORCEMENT SHALL BE PROVIDED AS INDICATED BELOW:
 - AGAINST EARTH FORM - 3 INCHES.
 - EXPOSED TO EARTH BUT POURED AGAINST FORM WORK - 2 INCHES.
7. INTERIOR SLABS SHALL HAVE STEEL TROWEL FINISH; EXTERIOR SLABS SHALL HAVE LIGHT BROOM FINISH.
8. REINFORCING STEEL BARS SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 40 FOR NO. 5 AND SMALLER BARS AND GRADE 60 FOR BARS LARGER THAN NO. 5.
9. ANCHOR BOLTS SHALL BE MACHINE BOLTS A 307 WITH AMERICAN STANDARD REGULAR, SEMI-FINISHED, SQUARE OR HEXAGON HEADS - NUTS SHALL BE AMERICAN STANDARD HEAVY, SEMI-FINISHED, HEXAGON-TAPPED, UNC THREADED, CLASS 2B. UNLESS OTHERWISE NOTED ON SHEAR WALL SCHEDULE, SILL PLATE BOLTS SHALL BE 5/8 INCH DIA X 10 INCHES LONG WITH A 2 INCH HOOK AT 4 FEET ON CENTERS. LOCATE SILL BOLTS AT A DISTANCE OF 6 INCHES FROM ENDS OF EACH SHEAR WALL, CORNER AND SPLICE. PROVIDE A MINIMUM OF 2 BOLTS PER PIECE.

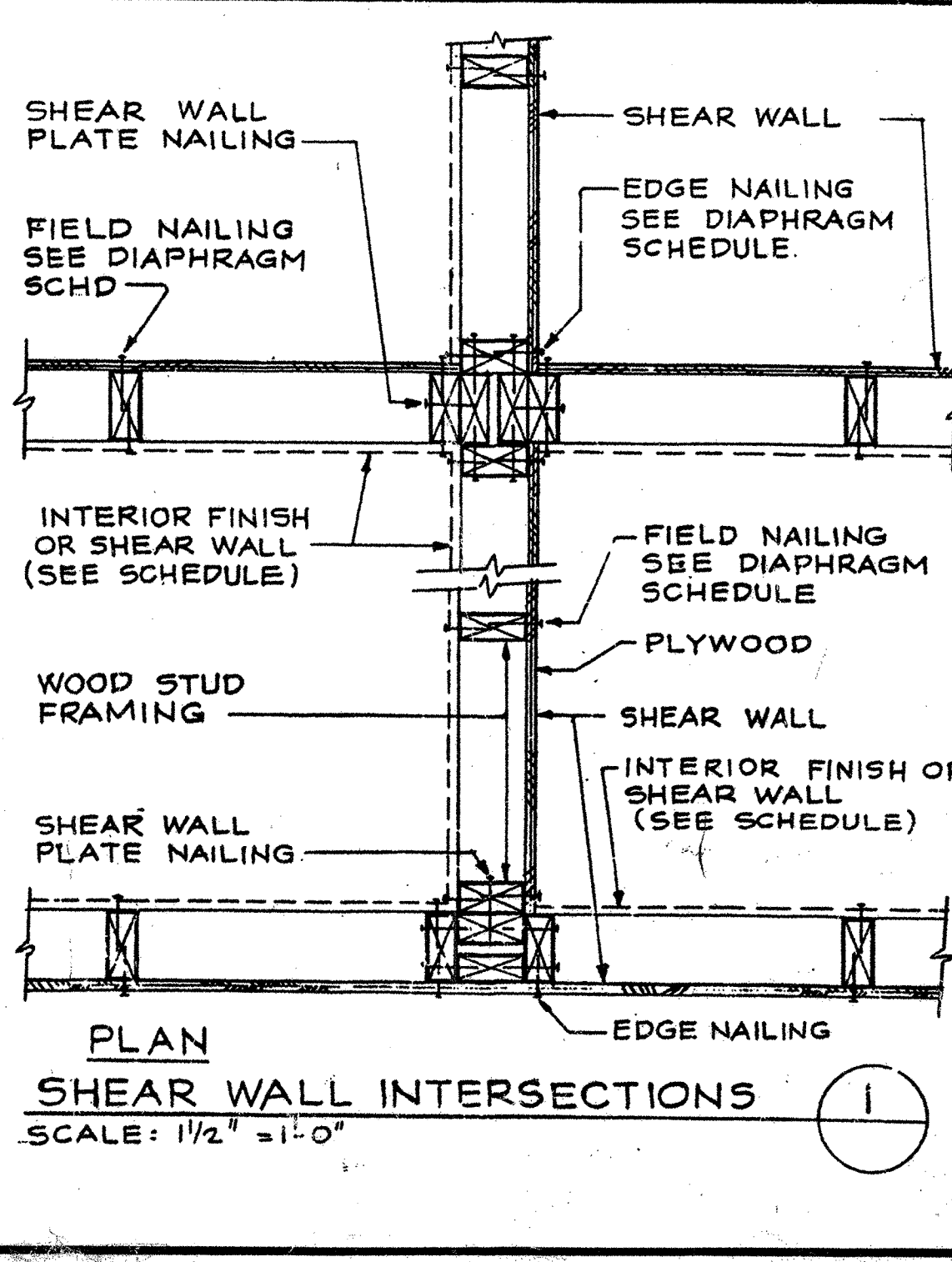
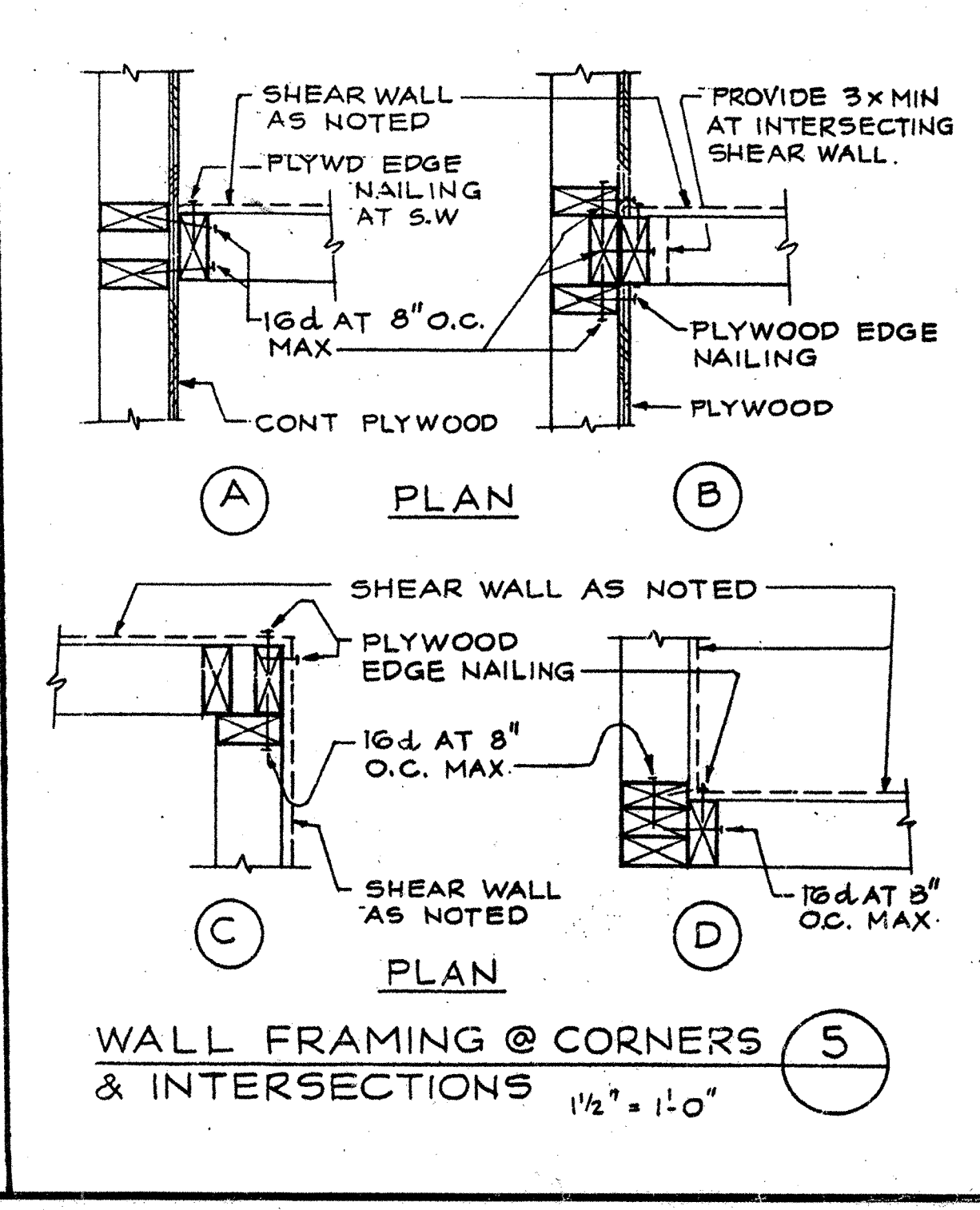
NAILING SCHEDULE

| COLLECTOR STRAP | NAILS INTO BLOCKING AT SHEAR WALL | NAILS INTO BLOCKING | A-35 CLIPS |
|-----------------|-----------------------------------|----------------------------|------------|
| CS16 | 12-16d AT 4" IN 36" | 12-16d AT 6" IN 6'-0" | 4 |
| 2-CS16 | 24-16d AT 4" IN 36" | 24-16d AT 6" IN 9'-0" | 8 |
| CMST 14 | 36-16d AT 1 3/4" IN 36" | 36-16d AT 3 1/2" IN 11'-0" | 12 |
| CMST 12 | 48-16d AT 1 3/4" IN 48" | 48-16d AT 3 1/2" IN 14'-0" | 16 |



HOLDOWN AT EXTERIOR WALL

| Model No. | W | H | N | E | A | Anchor Bolt Size (in.) | Anchor Bolt Spacing (in.) | Minimum Member Thickness (in.) | Allowable Tension Load (k) (1500 PSI) | Deflection at Allowable Load (in.) | Code Ref. | |
|--------------|----|---|------|------|-------|------------------------|---------------------------|--------------------------------|---------------------------------------|------------------------------------|-----------|---------------|
| HD2A-0025.5 | 14 | 3 | 3/16 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2905 | 2215 | 0.080 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.115 | |
| HD2A-0025.5 | 10 | 3 | 3/16 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2800 | 2200 | 0.113 | ICC-ES E-1141 |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |
| HD2A-0025.14 | 14 | 3 | 1/8 | 3/16 | 1 1/8 | 1/2 | 24 | 3/4 | 2655 | 2000 | 0.114 | |



PLYWOOD DIAPHRAGM SCHEDULE

| MARK | PLYWOOD | NAILING, CLIP OR A.B. SPACING - INCHES ON CENTER | | | | | |
|-------------|----------|--|-------------|------------|-------------|-----------|----|
| | | EDGE NAILS | FIELD NAILS | SILL NAILS | A-35 CLIPS | 5/8" A.B. | |
| ROOF TYP | 1/2" CDX | 10d @ 6 | 10d @ 12 | N/A | 24 | N/A | |
| FLOOR TYP | 3/4" T&G | 10d @ 6 | 10d @ 10 | N/A | 16 | N/A | |
| SHEAR WALLS | 1 | 3/8" CDX | 8d @ 6 | 8d @ 12 | 16d @ 6 | 24 | 48 |
| | 2 | 3/8" CDX | 8d @ 4 | 8d @ 10 | 16d @ 4 | 16 | 32 |
| | 3 | 3/8" CDX | 8d @ 3 | 8d @ 8 | SDS 1/4 x 6 | 12 | 24 |

* AT SILL PLATE & PLYWOOD PANEL JOINTS PROVIDE 3x MEMBER MINIMUM.
** 3/8 LAG BOLTS SHALL BE MIN. 7" LONG.
PROVIDE 3" x 3" x 1/4" WASHERS AT ALL ANCHOR BOLTS

NOTE: PROVIDE 5/8 INCH DIAMETER ANCHOR BOLTS (A.B.), 10 INCHES LONG WITH 7 INCHES MINIMUM EMBEDMENT. UNLESS NOTED OTHERWISE ON FOUNDATION PLAN PROVIDE SPACING PER ABOVE SCHEDULE.

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
| | | |
| | | |

PROJECT: REGULARIZATION OF EXISTING STRUCTURE
OWNER: Hindu Community and Cultural Center
1232 Arrowhead Avenue, Livermore 94551
ENGINEER: GOVINDARAO ENGINEERS CONSULTING
884 BAYDOLL WAY SAN FRANCISCO, CA 94133
TELEPHONE: 415-963-8784
GENERAL NOTES AND STANDARD DETAILS
Date: 10-8-09
Scale: AS SHOWN
Drawn: HEATHER
Job: HEATHER
Sheet: S-1 of 1