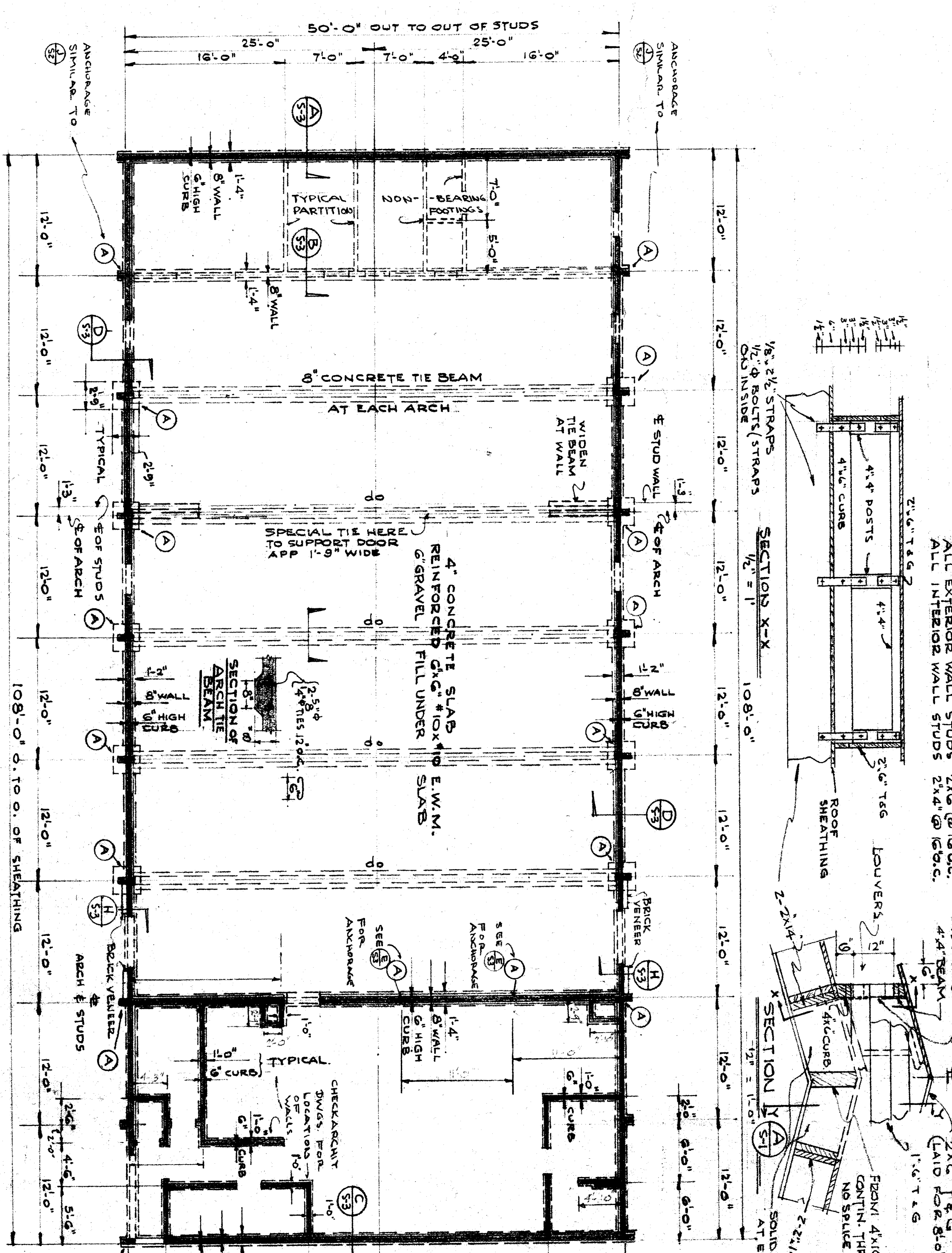
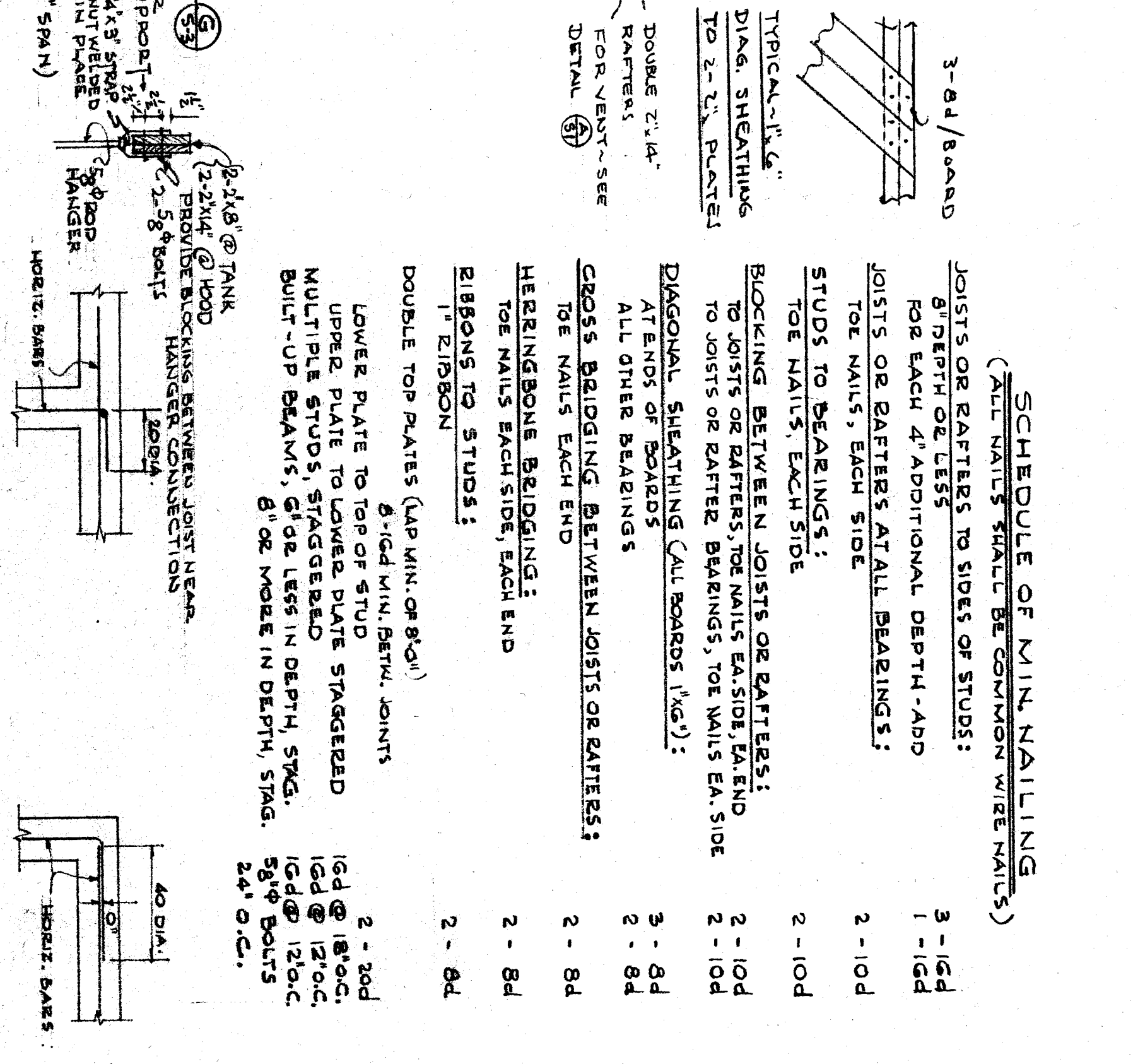


ROOF FRAMING PLAN



FOUNDATION PLAN

NOTE:
 BOTTOMS OF ALL FOOTINGS EXCEPT NON-BEARING WALLS TO BE 2'-0" BELOW FLOOR LINE.
 SEE SPECIFIED SECTIONS IN CONC.
 CONCRETE CURS SHOWN THIS



GENERAL NOTES:

- THE FOLLOWING NOTES, TYPICAL DETAILS AND SCHEDULES SHALL APPLY TO ALL DRAWINGS UNLESS SHOWN OTHERWISE. THEY SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND SHALL BE SUBJECT TO THE GENERAL CONDITIONS OF CONTRACT AND SPECIFICATIONS.
- FRAMING CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE RESPECTIVE MATERIALS.
- FOUNDATION NOTES:
 FOUNDATION MATERIAL IS CLAY & LOAM, MAXIMUM SOIL PRESSURE UNDER FOOTINGS IS 10,000 P.S.F. ALL FOUNDATION ELEMENTS SHALL BE CARRIED DOWN TO FIRM UNDISTURBED NATURAL SOIL WITH A MINIMUM PENETRATION OF 1'-0" BELOW FINISH OR NATURAL GRADE WHICHEVER IS LOWER. REINFORCED CONCRETE NOTES:
 CONCRETE SHALL BE 3000 P.S.F. @ 28 DAYS.
 THE HORIZONTAL SURFACES OF ALL CONSTRUCTION JOINTS SHALL BE CLEANED AND REINFORCED BY REMOVING THE ENTIRE SURFACE AND EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX. (SEE SPEC. 725 TITLE 21)
 ALL ANCHOR BOLTS, STRAP ANCHORS, DOVEYS, REINFORCING BARS, ETC., SHALL BE SET AND SECURELY FASTENED BEFORE CONCRETE IS POURED. SLABS ON FILL SHALL BE POURED IN ALTERNATE BAYS NOT TO EXCEED 1000 SQUARE FEET IN AREA.
 IF NOT PROVIDED FOR IN DETAILS, FLOOR SLABS RESTING ON GROUND SHALL BE REINFORCED WITH 6x6 @ 12" O.C. ELECTRIC WELDED WIRE FABRIC. LAP AT MESH ONE FULL SPAN AT SIDES AND ENDS.
 DIMENSIONS LOCATING REINFORCING BARS ARE TO FACE OF BAR AND EXCEPT WHERE SHOWN OTHERWISE, DIMENSIONS TO CENTER OF BAR AND EXCEPT WHERE SHOWN OTHERWISE, DIMENSIONS TO CENTER OF BAR.
 CONCRETE SHALL BE PLACED DIRECTLY AGAINST GROUND IN FORMS.
 SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE A LAP OF 40 DIAMETERS WITH BARS SEPARATED AT SPLICES.
 NO BRICK OR POROUS MATERIAL PERMITTED TO SUPPORT FTG. STEEL.
- TIMBER FRAMING NOTES:**
 ALL PLATES FOR STUD/WALLS SHALL BE FOUNDATION GRADE REDWOOD OR #1 TREATED DR. GRADE MARRIED DR. OF GRADES.
 ALL OTHER LUMBER SHALL BE GRADE MARRIED DR. OF GRADES.
 ALL JOISTS, RAFTERS, AND PLATES SHALL BE BEDDED ON TYPICAL PACK AND BOLTED TO SUPPORTING MEMBERS WITH 5/8" x 12" BOLTS SPACED NOT OVER 4'-0" O.C. WITH A BOLT WITHIN 6" OF END OF ANY PIECE.
 PROVIDE WASHERS PER SCHEDULE UNDER HEADS & NUTS OF ALL BOLTS & LAG SCREWS BEARING ON WOOD.
 ALL BOLTS & LAG SCREWS SHALL BE GALVANNEAL.
 PLATE & SOLID BRIDGING BETWEEN JOISTS AND RAFTERS AT ALL SUPPORTS BEINGING NOT LESS THAN 2x8" SHALL BE PLACED BETWEEN JOISTS WHERE SPAN EXCEEDS 8'-0". DISTANCE BETWEEN LINES OF BRIDGING OR BETWEEN BRIDGING AND WALL SHALL NOT EXCEED 6'-0". ALSO APPLY TO RAFTERS.
 PLATE DIAGONAL SHEATHING AT 45° TO SUPPORTS. JOINTS CENTERED ON AND CUT PARALLEL TO SUPPORTS. JOINT FOR DIAGONAL ROOF AND CUT PARALLEL TO SUPPORTS. JOINT FOR SHALE BEARING AND THAN TWO BORDS BETWEEN JOISTS AND RAFTERS.
 BORDS SHALL BE MORE THAN TWO BORDS BETWEEN JOISTS AND RAFTERS.
 NUTS ON ALL BOLTS SHALL BE TIGHTENED BEFORE CLOSING IN AND/OR ON COMPLETION OF THE JOB.
 LAG SCREWS SHALL BE SCREWED, NOT DRIVEN INTO PLACE. IN PLACING, A HOLE SHALL FIRST BE BORED THE SIZE AND DEPTH OF SHANK. HOLE TO BE BORED TO THE FULL DEPTH OF THE BORED WITH A BIT NOT LARGER THAN THE WOOD. HOLES SHALL BE SUB-SHIFTED.
 STRUCTURAL STEEL NOTES:
 STRUCTURAL STEEL SHALL BE TO STANDARD SPECIFICATIONS FOR A572 GRADE FOR BEAMS, BRIDGES, AND BUILDINGS, A513M. AT ALL CONNECTIONS AND ERECTION SHALL COMPLY WITH LATEST SPECIFICATIONS OF A.I.S.C.
 BASE PLATES SHALL BE BEDDED ON DRYPACK OF 1" MIN. THICKNESS. WELDING SHALL COMPLY WITH SECTION 854 OF TITLE 21 CALIFORNIA ADMINISTRATIVE CODE.

WILLIAM T. WHEELER
 STRUCTURAL ENGINEER
 LOS ANGELES
 CA 90001
 454220

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WASHER PLATE SCHEDULE

ROD SIZE	SQUARE	WALLS	BEAM
1/2"	2 1/2" x 2 1/2"	2 1/2" x 4"	2 1/2" x 4"
3/8"	2 1/2" x 2 1/2"	2 1/2" x 4"	2 1/2" x 4"
1/4"	2 1/2" x 2 1/2"	2 1/2" x 4"	2 1/2" x 4"

NOTE: WHERE BOLT SPACING IS SUCH THAT WASHERS FOR ADJACENT BOLTS OVERLAP, USE CONTINUOUS STEEL PLATE OF SCHEDULED THICKNESS & PRODUCTION.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	8/23/50	W.T.W.	AS SHOWN

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 LINCOLN UNIVERSITY
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