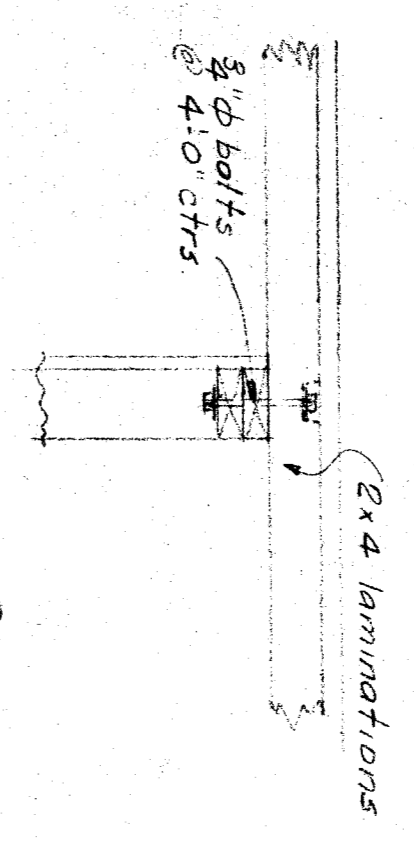
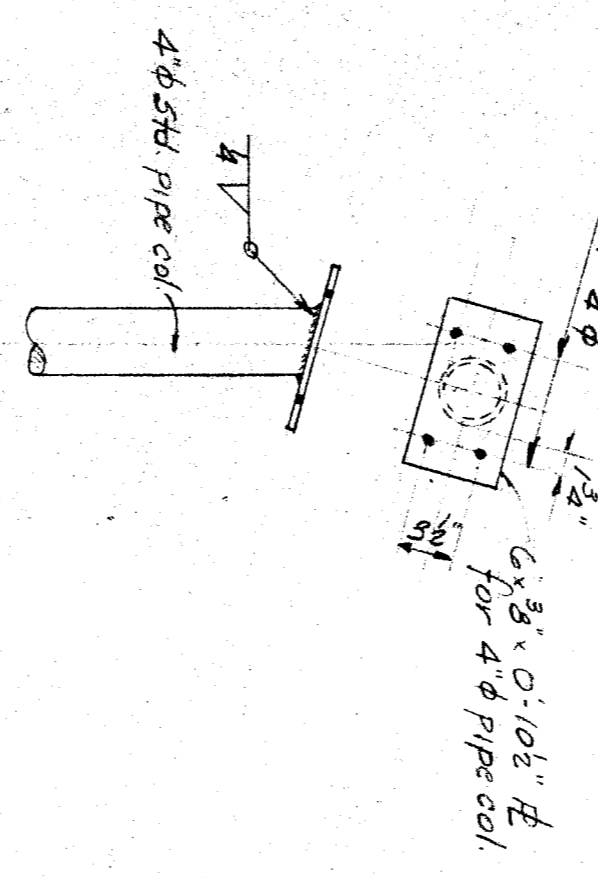


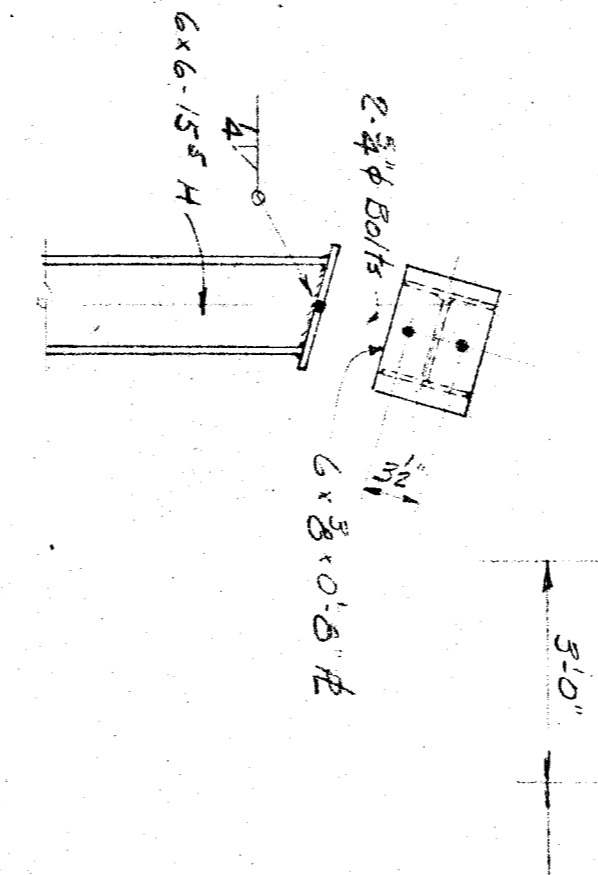
TYPICAL DETAIL-CONNECTION OF WALLS PARALLEL TO LAMINATIONS



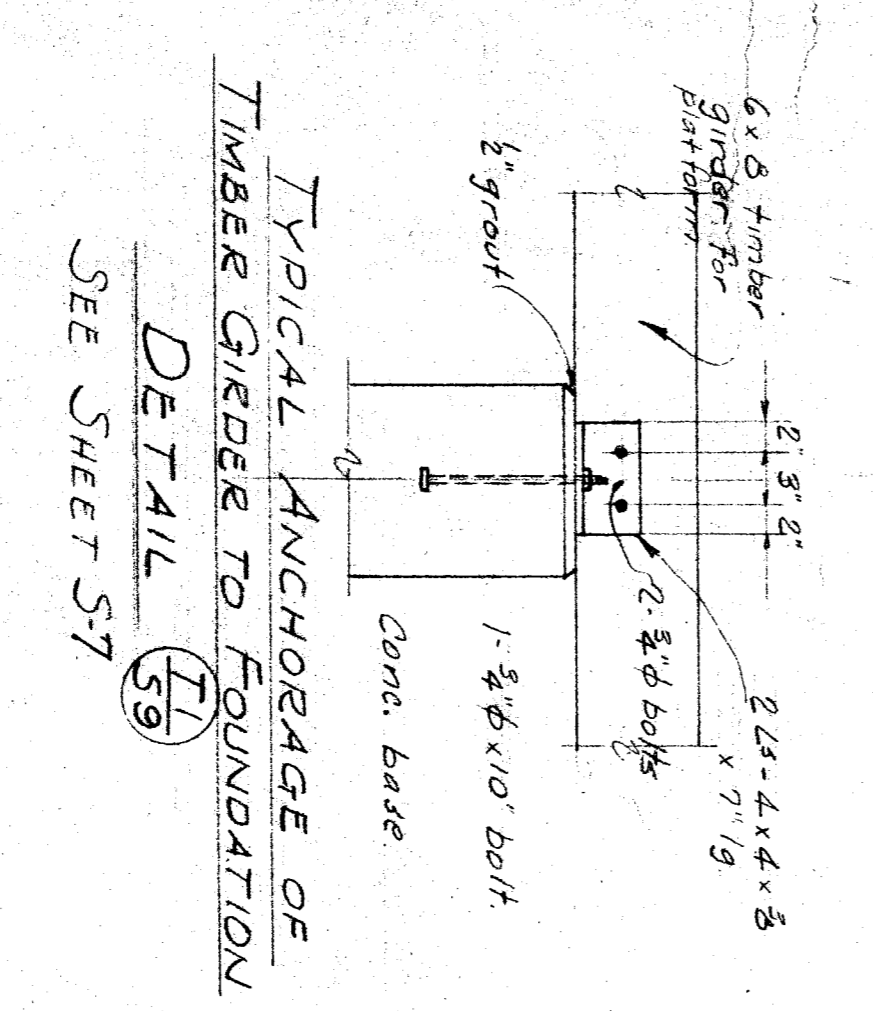
TYPICAL DETAIL-CONNECTION OF WALLS NORMAL TO LAMINATIONS



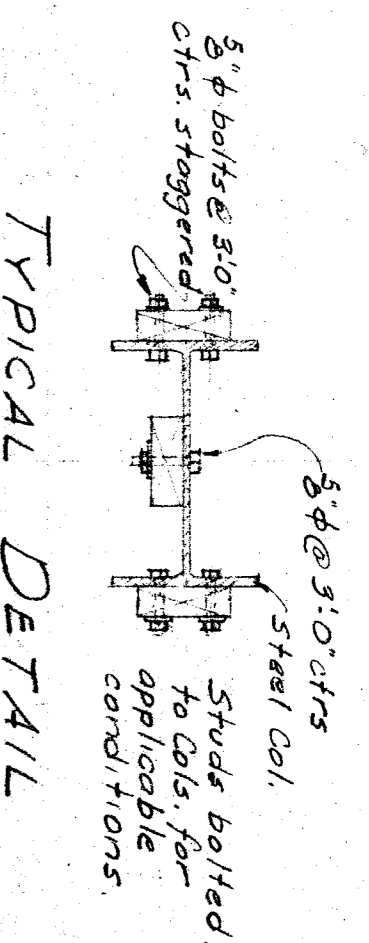
DETAIL TOP CONNECTION OF PIPE COLUMN TO WF



DETAIL TOP CONNECTION OF 6x6-15" TO WF



TYPICAL ANCHORAGE OF TIMBER GREIDER TO FOUNDATION



TYPICAL DETAIL

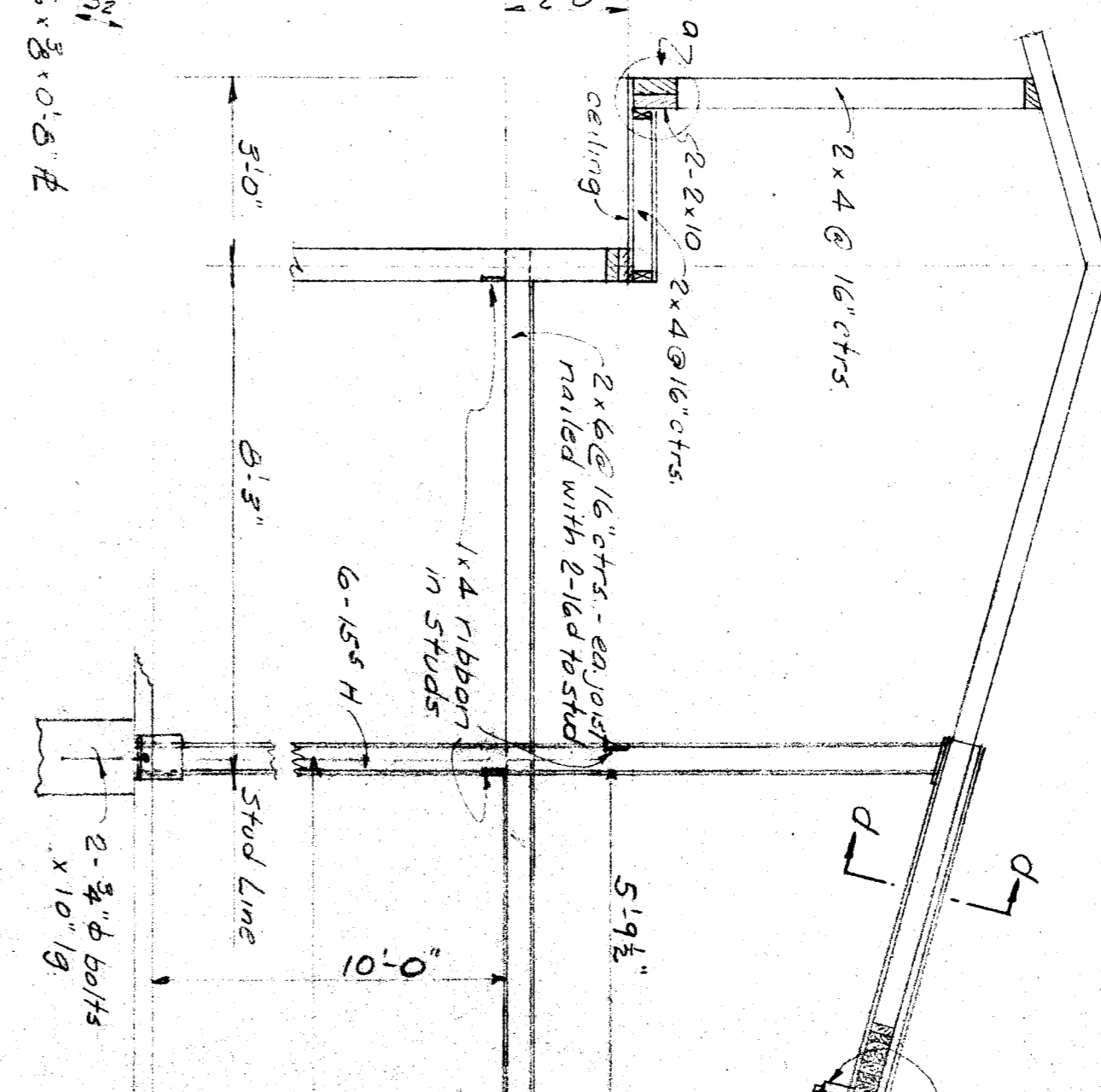
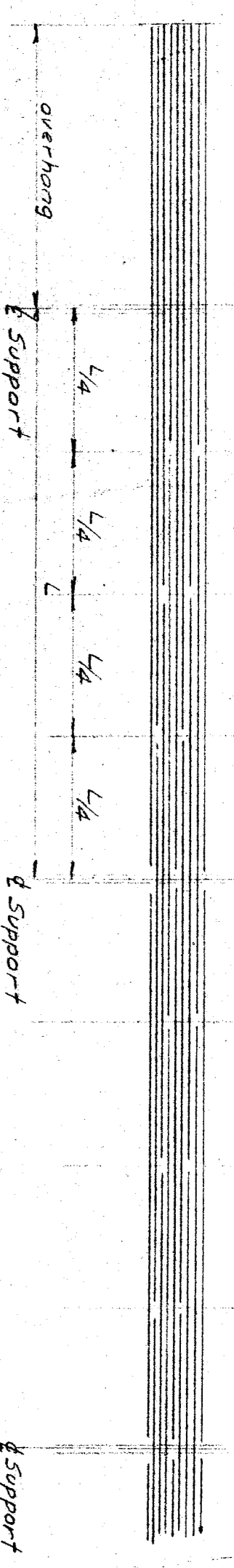
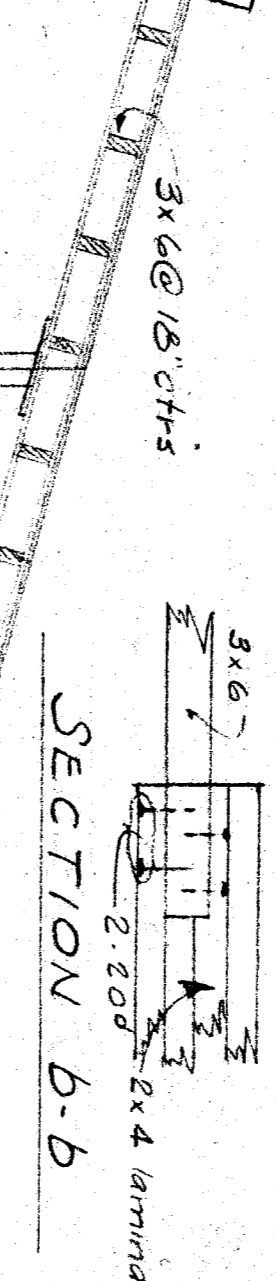


DIAGRAM SHOWING THE LOCATION OF JOINTS OF LAMINATIONS - TYPICAL FOR ALL ROOFS

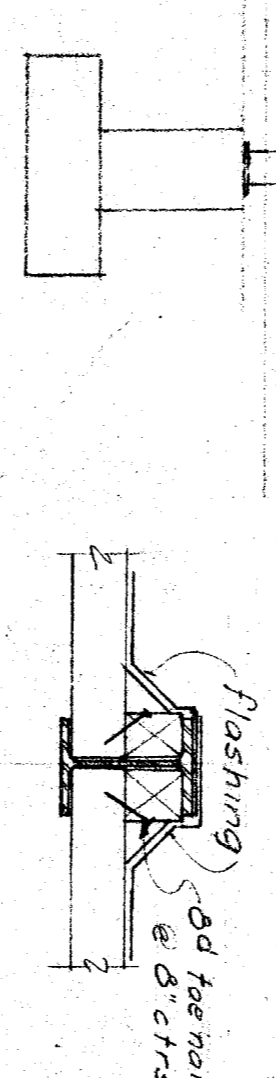
NOTE: Position of joints may vary as much as 12" providing relative positions of joints are maintained.



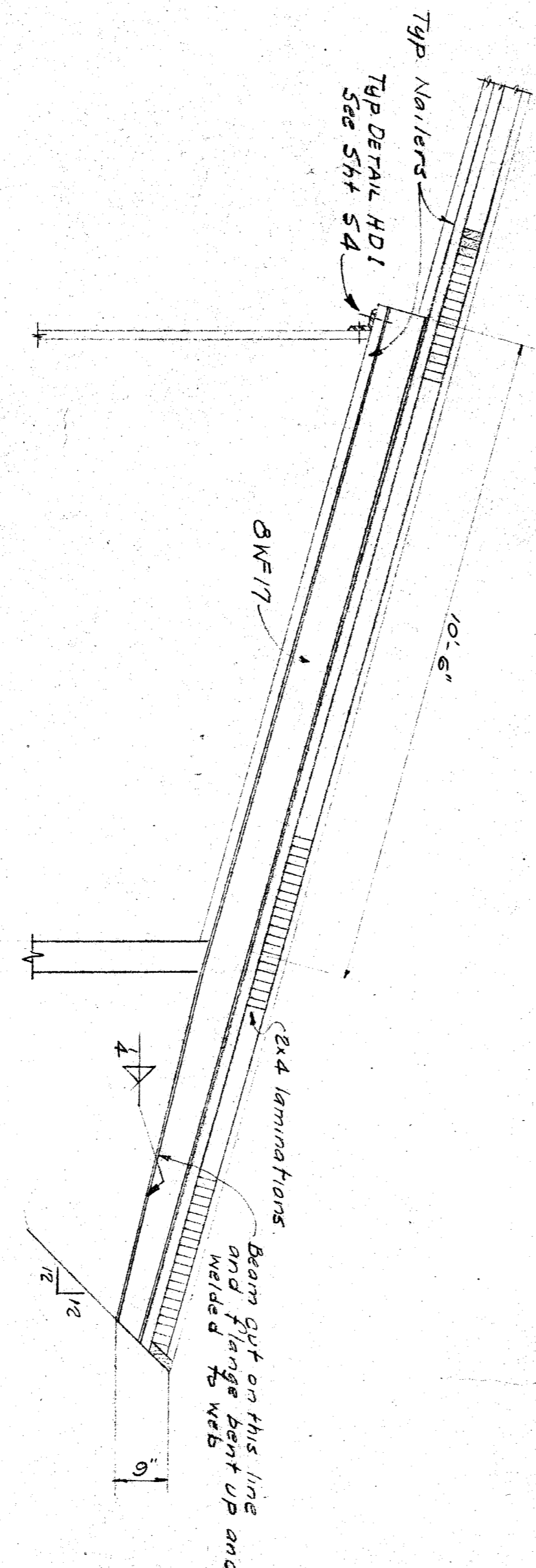
SECTION A-A - TYPICAL DETAILS



SECTION B-B



SECTION D-D



SECTION C-C

DETAIL OF 4x6 POST FOR 2-2x10's

- GENERAL NOTES**
- To APPLY TO ALL DRAWINGS UNLESS OTHERWISE NOTED
 - Strength of concrete to be not less than 2000 lbs. per sq. inch of the age of 28 days.
 - Maximum soil pressure 1200 lbs. per sq. ft. (Sandy loam)
 - NAILING - Unless otherwise noted provide the following common wire nails for interconnecting timber framing:
 - (a) Studs to bearing: 16d nails, each side.
 - (b) Sheathing of all bearings and contracts: 1x8 @ 4' o.c. at all ends.
 - (c) Double top plates: 2x4 @ 16" o.c.
 - (d) Built-up beams: Lower plate to top of stud; staggered 16d @ 18" o.c. Upper plate to lower plate; staggered 16d @ 18" o.c.
 - (e) Eight (8) inches or less in depth - staggered 16d @ 18" o.c. More than eight (8) inches deep - staggered 3/4" bolts @ 2'-0" o.c.
 - (f) Laminated slabs for roof to have 8x4's driven up and nailed closely together with a row of nails near each edge of spaced intervals and staggered vertically. Nails in each row to be 16d @ 18" o.c.
 - (g) Every other lamination to wood bearing - 8" for the nail supports. At least two-thirds (2/3) of the members shall pass over the supports. In any three (3) consecutive members, no two (2) splices shall be nearer to each other than one-quarter (1/4) of a span length. No member shall be spliced more than once in a distance equal to a span length.
 - All sheathing to be laid 45° to the vertical.
 - When nails tend to split the timber, holes for the nails shall be pre-drilled. All split pieces shall be removed.
 - All bolts shall be thoroughly tightened at the completion of the work.
 - Footings to bear on firm undisturbed natural soil. Diagonal sheathing to be laid so that there shall be at least one bearing between joints in adjoining boards. For joints on the same bearing there shall be at least two boards between joints for vertical diaphragms.
 - All studs, purlins and rafters to be spaced at 16 inches on centers unless otherwise shown.
 - All studs or posts of two or more members to have each member nailed with lead nails @ 8" o.c.
 - Reinforcing bars to lap 4x diameter. Hooks to bear on a radius of 4 diameters.
 - Unless shown otherwise on plans, slab steel to be embedded for a minimum cover of 3" beam and 4" column steel 1/2" wall steel 1" and footing steel 2" when in contact with ground without forms and 2" when concrete is poured to forms.
 - Before starting a pour of concrete for a new portion of the work or on concrete that has set, a mixture of cement and fine aggregate shall be deposited for a thickness of approximately 4" after joints are cleaned in accordance with Appendix A, Section 725.
 - All concrete slabs on the ground are to be reinforced in both directions with 8x6's to 70 wire mesh in the center of the slab. Slab 4" thick.
 - Sills shall be bedded in 1" min. gROUT with full even bearing. Anchor with 3/4" x 12" bolts @ 8'-0" centers, except that a bolt shall be placed within 9" of each end of each piece of sill.
 - Holes for bolts shall be bored with a bit of the same nominal diameter as the bolt (except in steel). All steel members bolting to wood shall have bolt holes therein to a size not to exceed the nominal bolt diameter plus one-sixteenth (1/16").
 - Minimum depth of footing to be 12" below natural grade or finished grade, whichever is the lower.
 - All structural steel shop connections to be welded or riveted, as shown.
 - All structural steel field connections to be riveted or bolted with bolts in holes 3/8" only larger in diameter than bolt diameter. Connections to be made with 3/4" rivets or doublet bolts. Unless noted otherwise.
 - Details of adequate temporary bracing of structural steel members during erection to be submitted for approval before erection is started.
 - All sills to which diagonal sheathing or plywood diaphragms are connected shall be 3" thick.

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| PROJECT NO. 254 DRAWN BY: [Blank] CHECKED BY: [Blank] DATE: 2-23-54 SHEET 59 | | DIVISION OF ARCHITECTURE BOARD OF EDUCATION GENERAL NOTES: MISCELLANEOUS DETAILS: WILLIAM PENN SCHOOL | | HAZARD R. HAMMILL CONSULTING ARCHITECT 417 MARKET ST. SAN FRANCISCO | |
| 531 193-11-54 [Signature] | | 11645 APPROVED MAY 14 1954 [Signature] | | [Blank] | |