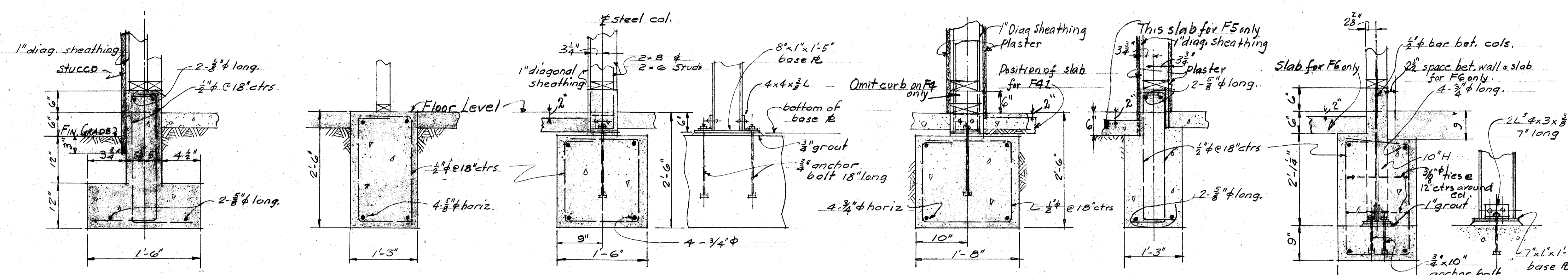
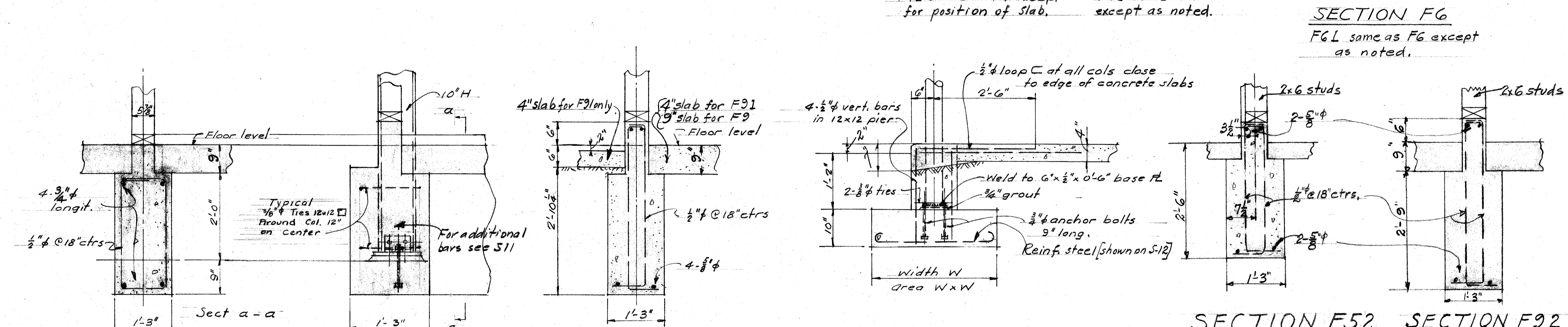


GENERAL NOTES

- TO APPLY TO ALL DRAWINGS UNLESS OTHERWISE NOTED
- Strength of concrete to be not less than 2000 lbs per sq. inch at 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 bearings: - 2-10d
 - *Toe nails, each side
 - (b) Sheathing at all bearings and contacts
 - 1x6 --- 2-8d; at all ends --- 3-8d
 - 1x8 --- 3-8d; at all ends --- 4-8d
 - (c) Double top plates: -
 - Lower plate to top of stud --- 2-20d
 - Upper plate to lower plate: - staggered 10 d @ 18" ctrs.
 - (d) Built-up beams
 - Eight (8) inches or less in depth: - staggered 10 d @ 12" ctrs.
 - More than eight (8) inches deep: - staggered 1/2" bolts at 2'-0" ctrs.
 - (e) Laminations for roof to have 2x4's driven up and nailed closely together with a row of nails near each edge at spaced intervals and staggered vertically. Nails in each row to be --- 16 d @ 18" ctrs.
 - (f) Every other lamination to wood bearing --- 2-12d toe nails
 - Laminations on roof continuous over one or more 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 sub 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, furring 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 16d nails @ 8" ctrs.
 - Reinforcing bars to lap 48 diameters. Hook to be bent on a radius of 4 diameters.
 - Unless shown otherwise on plans, slab steel to be embedded for a minimum cover of 3/4" beam and column steel 1 1/2" wall steel 1" and footing steel 3" 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 2" after joints are cleaned in accordance with "Appendix A" Sect. 725.
 - Concrete slabs on the ground are to be reinforced in both directions with 6"x6"/#10 - #10 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 5/8" x 12" bolts @ 4'-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 drilled therein to a size not to exceed the nominal bolt diameter plus one thirtysecond (1/32").
 - Minimum depth of footing to be 2'-0" 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 1/16" only larger in diameter than bolt diameter. Connections to be made with 3/4" bolts or rivets unless noted otherwise.
 - Welding: - See Specifications.
 - Concrete: -

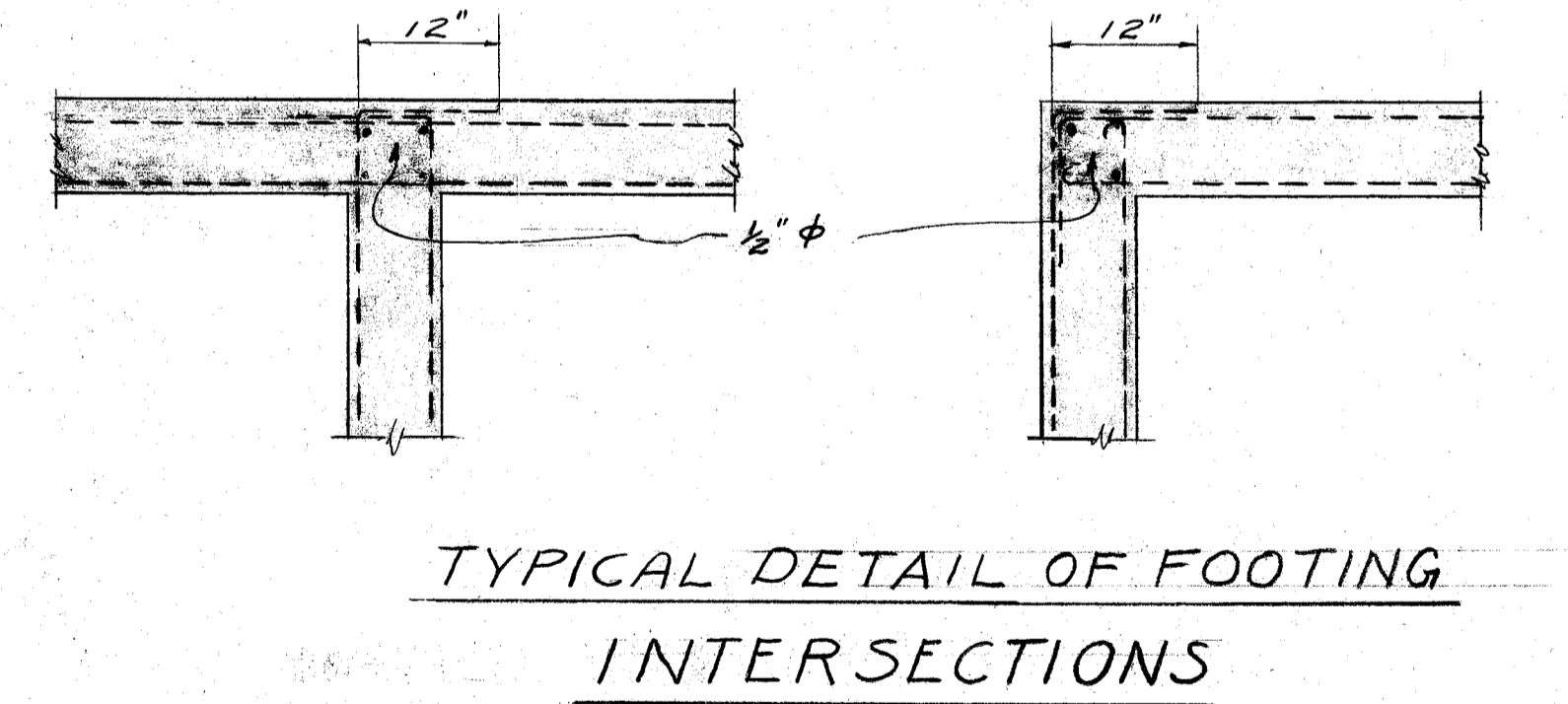


SECTION F1 SECTION F2 SECTION F3 SECTION F4 SECTION F5 SECTION F6

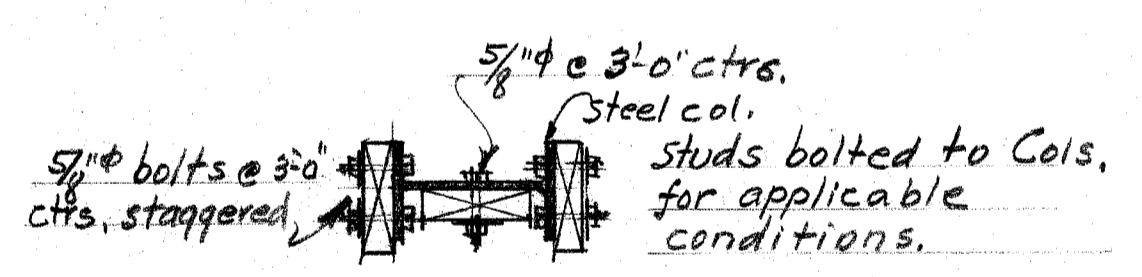


SECTION F7 SECTION F8 SECTION F9 SECTION F91 SECTION F92 TYPICAL DETAIL FOOT. COLS OF COVERED PASSAGEWAY SECTION F52 SECTION F92

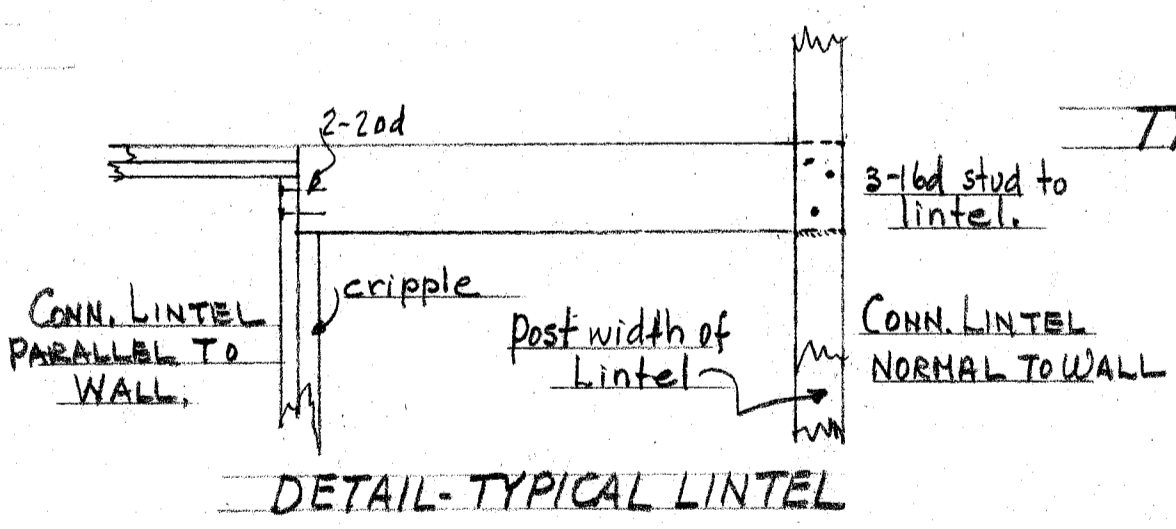
SCALE 3/4" = 1'-0" FOR FOOTING SECTIONS
FOR LOCATION - FOOTING SECTIONS SEE 52, 55, 57, 58, 59



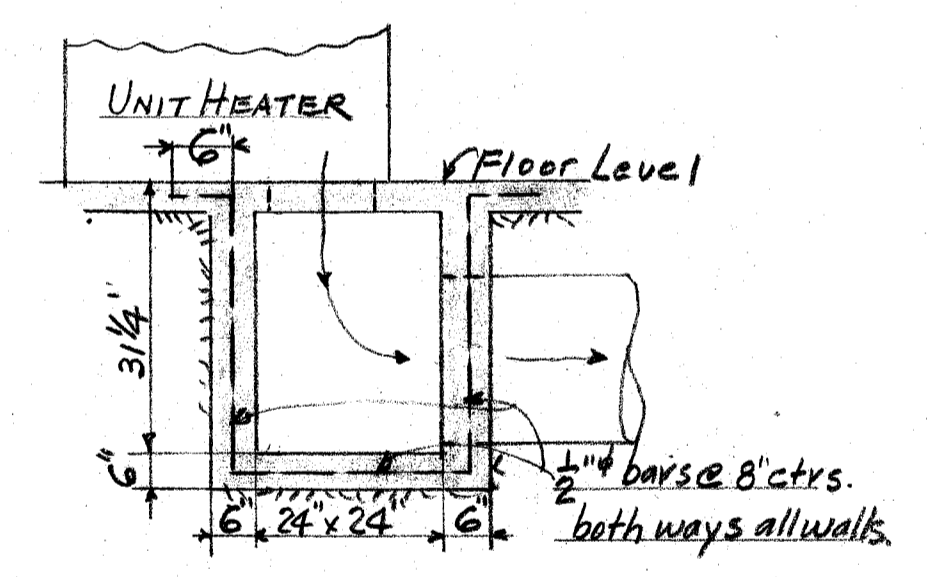
TYPICAL DETAIL OF FOOTING INTERSECTIONS



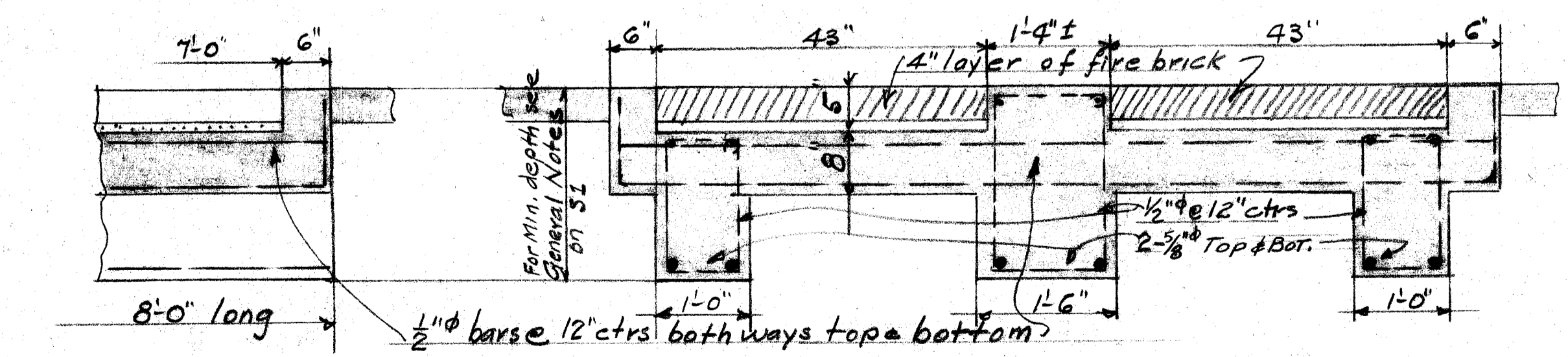
TYPICAL DETAIL



DETAIL-TYPICAL LINTEL



TYPICAL CONCRETE PIT FOR ALL CLASSROOMS 1/2" = 1'-0"



FOUNDATION FOR BOILERS see 57 3/4" = 1'-0"

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
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FOOTING SECTIONS FOR
ENTIRE PLANT.
REAL ROAD SCHOOL.

Harold B. Hammill
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REG. 42 STRUCTURAL 131
SAN FRANCISCO, CALIFORNIA

Whitney Biggar
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3601 STOCKDALE HIGHWAY
BAKERSFIELD, CALIFORNIA
29285 REGISTRATION C-1128

PROJECT NO:
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OF 56 **S1**