

GENERAL NOTES

- GENERAL**
1. Framing conditions not specifically shown shall be framed similar to typical details shown for respective materials & similar conditions.
 2. All suggested mechanical equipment to be provided with approved swing or 180-degree opening.

FOUNDATION

1. Foundation material is compacted clay & form. Max. soil pressure under H_g is 2500 psf.
2. Elevation bottom of footing are noted on foundation plan. All footings shall be located in firm undisturbed soil with a minimum penetration of 1/8" below finish or natural ground, whichever all sides & finish of ground fill.
3. See steel for composition of soils unless otherwise indicated.
4. Protect existing structures of footings, girders, etc. See special.
5. If footings are poured against existing structures, the foundation shall be approved by Division of Archt. & Structural Engineer.

CONCRETE

1. Concrete: f_c = 3000 p.s.i. minimum @ 28 days.
2. Cement per ASTM C150, Type I Best.
3. Lap reinforcing bars as per (3) and (5).
4. Reinforcing steel: intermediate grade mild steel per ASTM A6 & A36.
5. Concrete coverage for reinforcing bars:
 - a. Where deformed against form: 2" min.
 - b. Where deformed against existing concrete: 1" min.
 - c. Where deformed against steel: 1" min.
6. Provide steel reinforcement in floor slab.
7. Reinforcing steel above earth.

WOOD FRAMING

1. All lumber shall be grade marked "Douglas fir". See special for grades.
 2. Wood joists & girders shall have a minimum depth of 1/8" above the top edge of the footing. With a soil within 9" of end of any piece, 2 bolts min. each piece.
 3. Provide washers per schedule under header & half of all bolts & lag screws bearing on wood. Holes for bolts shall be bored 1/8" to 1/4" larger than bolts and/or on top of bolts shall be tightened before clamping in and/or on completion of the job.
 4. No structural member shall be cut for pipes, etc. unless specifically shown or approved.
 5. Good sheathing D.P.R. Grade marked Simpson exterior ply G.C. Shear flooring.
 6. Guard limiting beams - Glued headers to 2" of architrave. Approximate grade and built from 2x4 using combination 4x8 of table size per edition of N.C.L.A. Standard Specification required for gluing.
 7. See details for appearance of non-bearing partitions.
 8. Joist notched for more than 1/8" but 1/4" or less. All bolts 9" ea. side of notch.
 9. Joist notched for more than 1/4" but 1/2" or less. All bolts 9" ea. side of notch.
- STRUCTURAL STEEL**
1. Structural steel per ASTM A7. Erection & fabrication per AISC.
 2. Welding to be done by the electric shielded arc process.
 3. Provide shop drawings for approval prior to fabrication.
 4. Common bolts make used for all connections unless noted otherwise. Pipe columns per ASTM - A53, Grade 4, tested.
- NOTE:**
Wood shoring for plaster ceiling shall be sized to rest on wood with 1/8" gal. annealed wire @ 4'-0" o.c. in addition to rolling notes.

MINIMUM NAILING SCHEDULE

All nails shall be common nails, unless otherwise indicated.	
Studs to sheathing - 1/2" nail ea. side	2'-0"
Double top plate - 1/2" nail min.	16'-0" @ 2'-0"
Top plate to studs	16'-0" @ 2'-0"
Blocking between joists, rafters or studs	16'-0" @ 2'-0"
Joist to plate	16'-0" @ 2'-0"
Joist to plate	16'-0" @ 2'-0"
Ceiling joist to plate	16'-0" @ 2'-0"
Ribbons	16'-0" @ 2'-0"
Strapping - 1/2" x 3" at 1/4" intervals	16'-0" @ 2'-0"
Ceiling joist hangers - 2" x 4" - 1/2" diameter	16'-0" @ 2'-0"
Plywood sub-flooring - all edge all piece	16'-0" @ 2'-0"
Plywood roof sheathing - See roof plan.	16'-0" @ 2'-0"

Note: Where bolt spacing is such that washers for lag screws are not indicated, use 1/2" diameter bolts and washers.

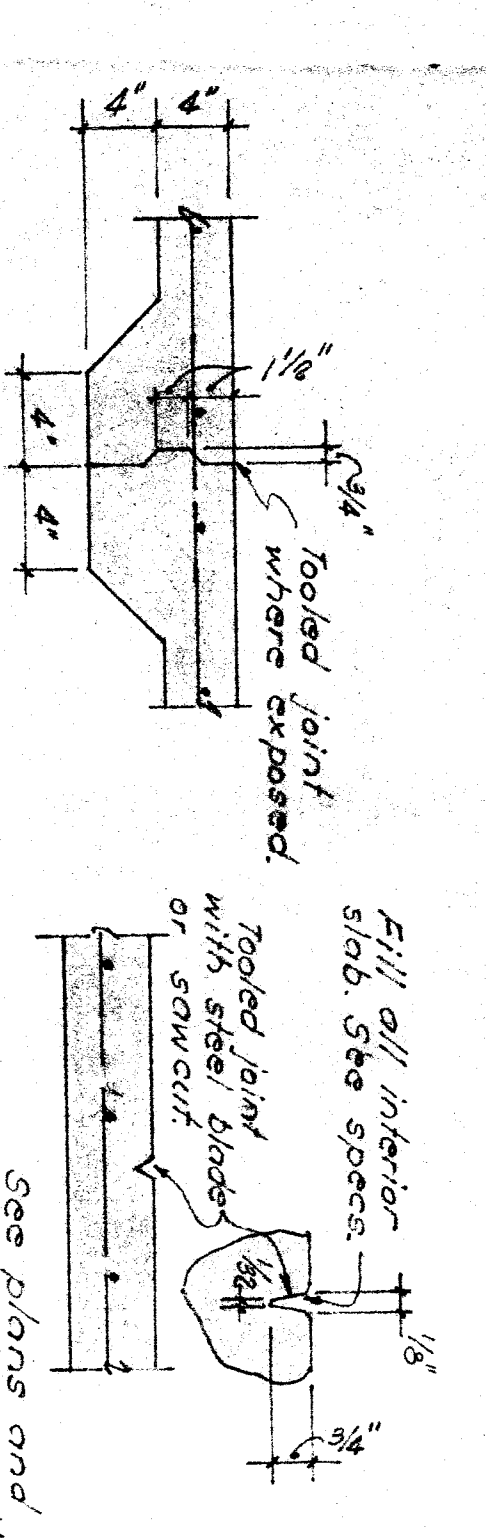
FOOTING & TYPICAL DETAILS - NOTES

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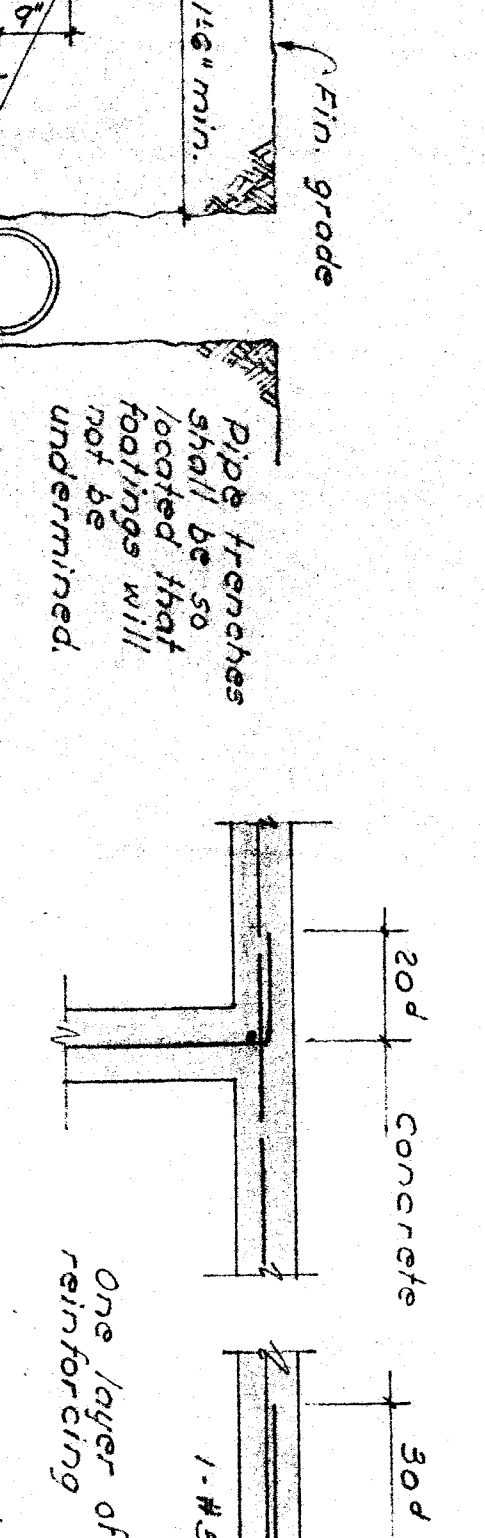
DATE	DESCRIPTION
11/1/55	ISSUED
10/1/55	REVISIONS
9/1/55	ISSUED

OPENING WIDTH	3"	4"	6"	8"	10"
MIN. TO MAX.	4'-0" TO 6'-0"	4'-0" TO 6'-0"	4'-0" TO 6'-0"	4'-0" TO 6'-0"	4'-0" TO 6'-0"

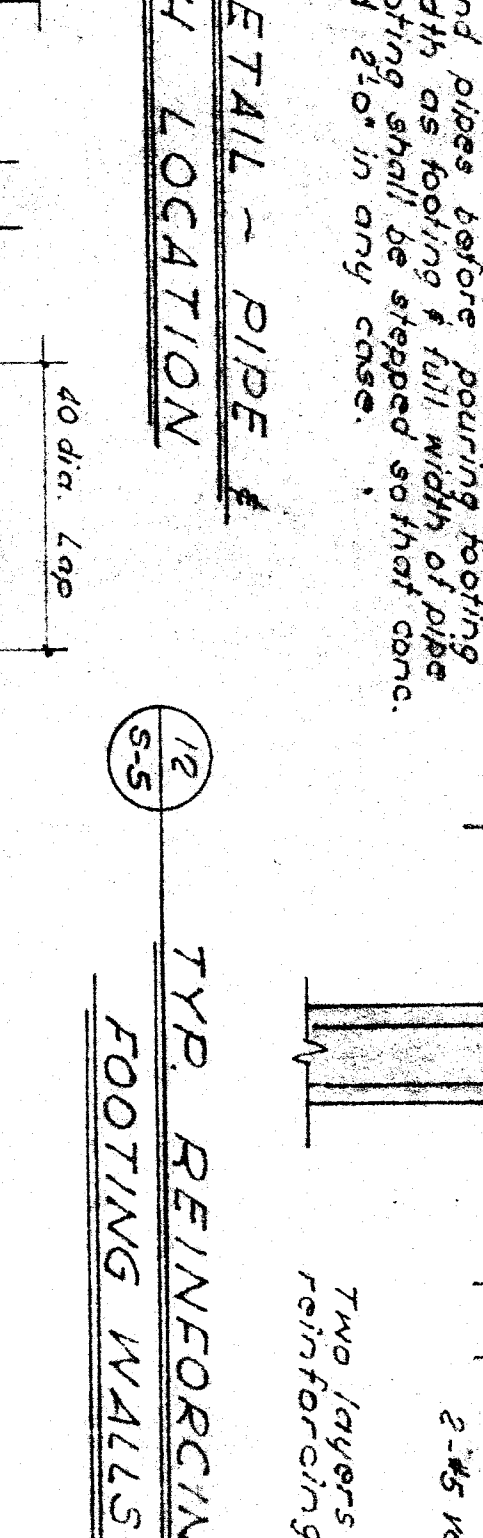
HEADER SCHEDULE & WALL FRAMING AT OPENING SUPPORTING ROOF & CEILING ONLY



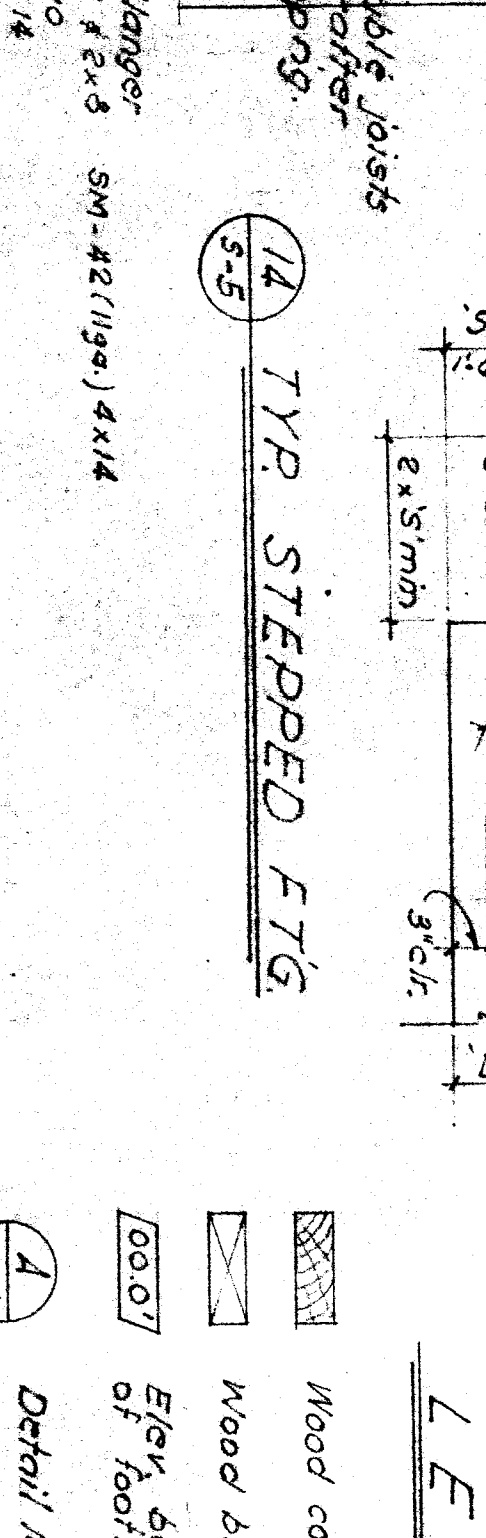
POUR JOINT SLAB ON GRADE JOINT TOOLED CONTROL JOINT



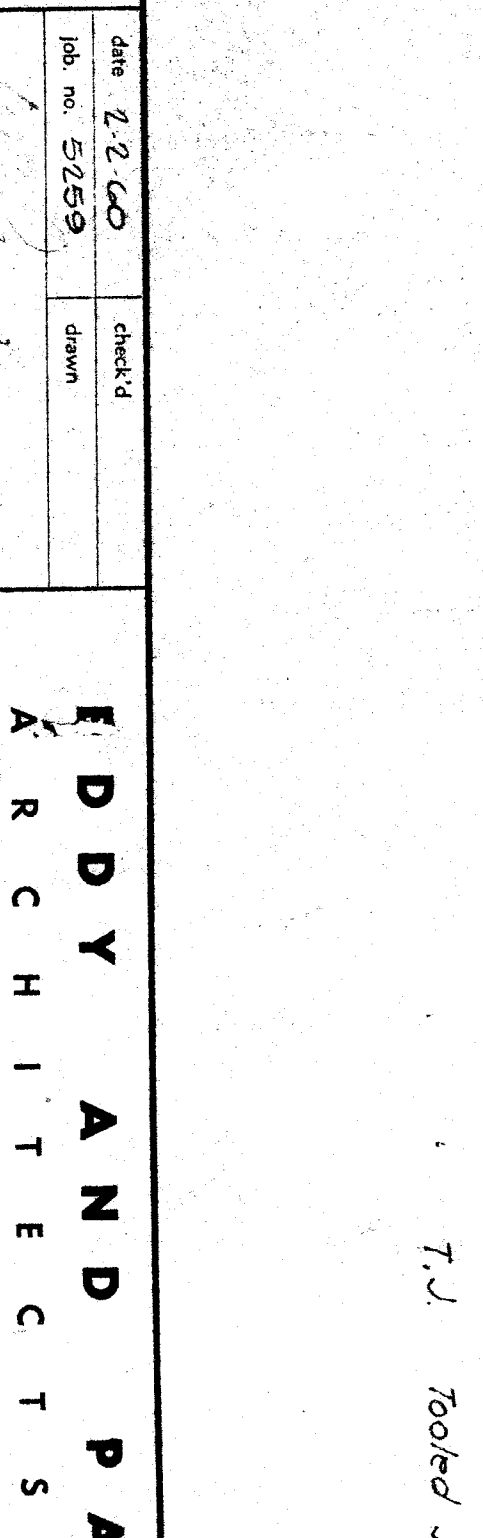
TYP. DETAIL - PIPE & TRENCH LOCATION



TYP. REINFORCING DETAILS FOOTING WALLS & BEAMS

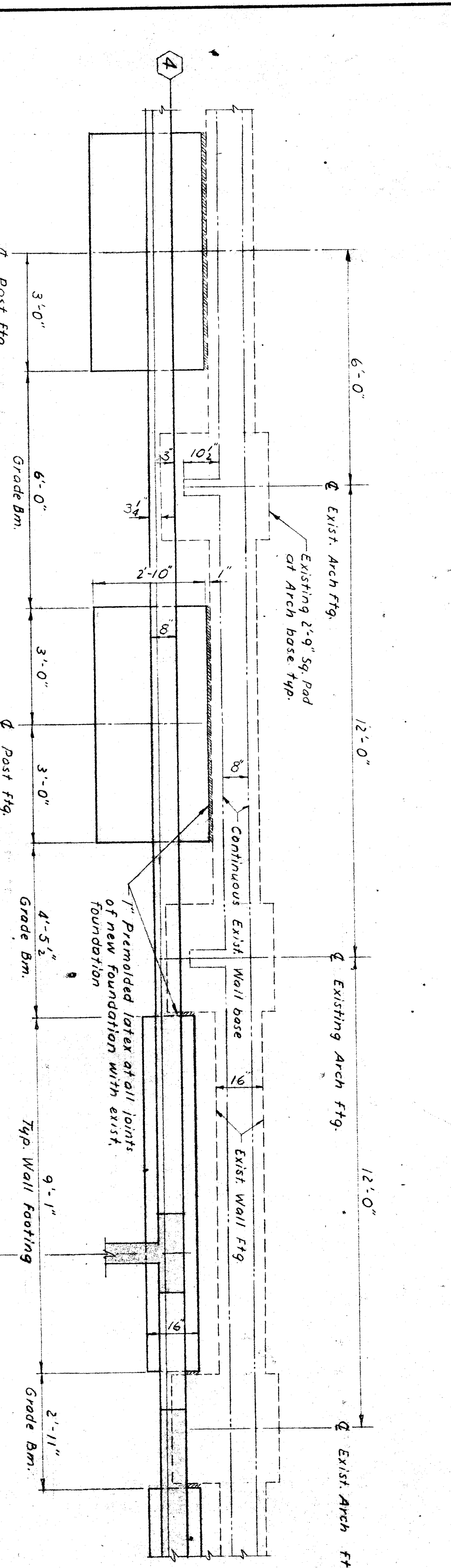


TYP. STEPPED FTG.

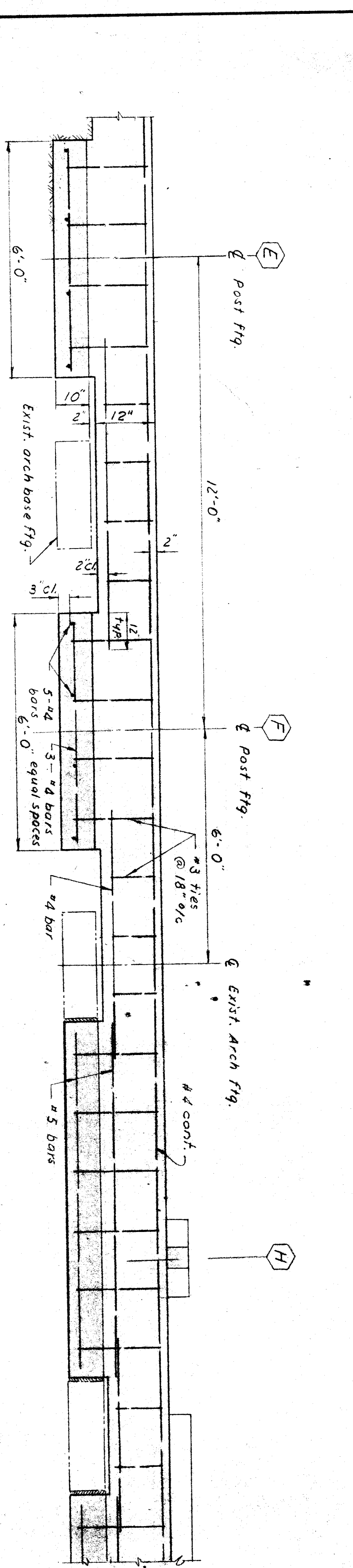


LEGEND

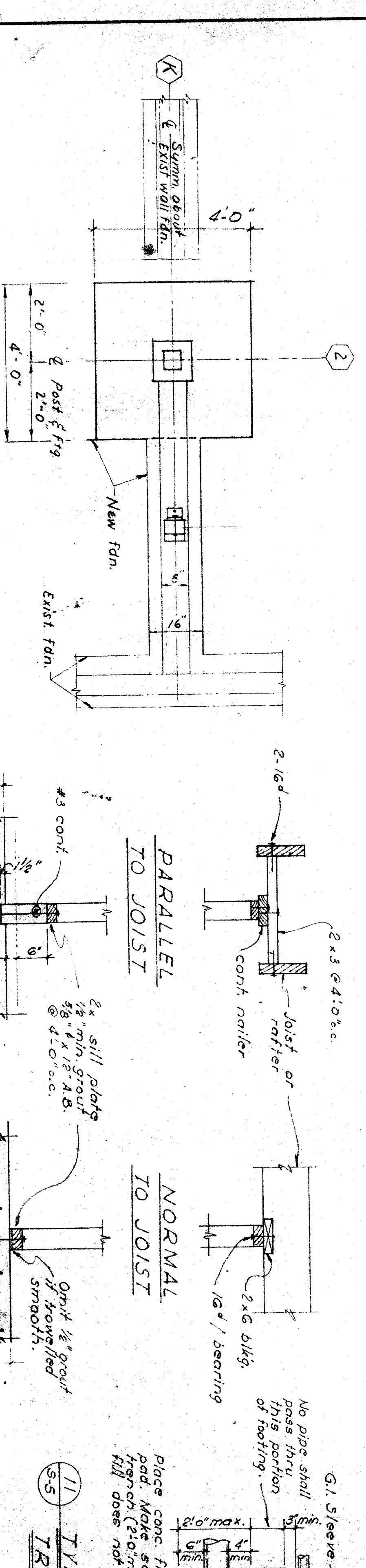
- Wood continuous
- Wood blocking
- Elev. portion of footing
- Detail letter
- Sheet number
- Finish floor elevation
- Tooled joint
- Concrete in section
- Stepped footing
- Construction joint
- Tooled control joint
- Existing concrete



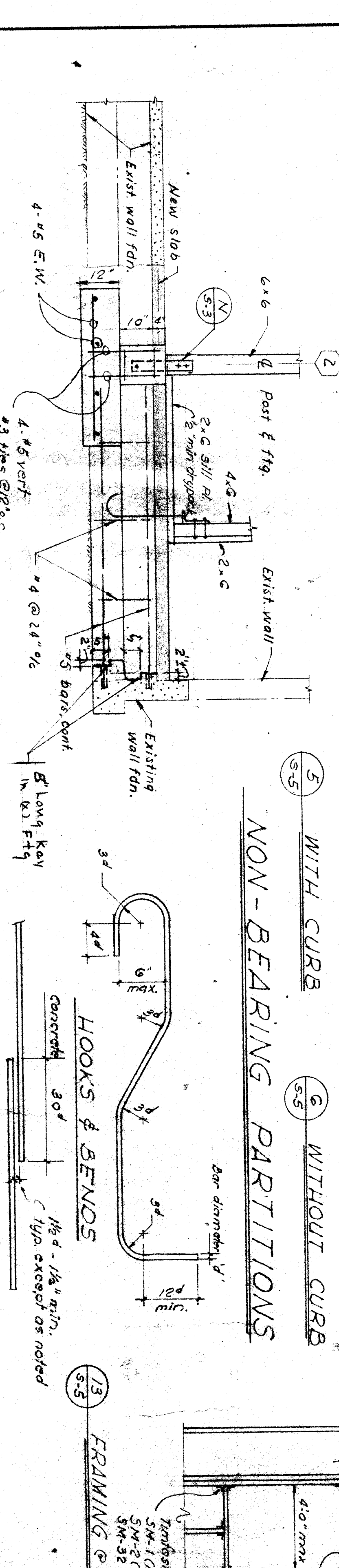
PLAN



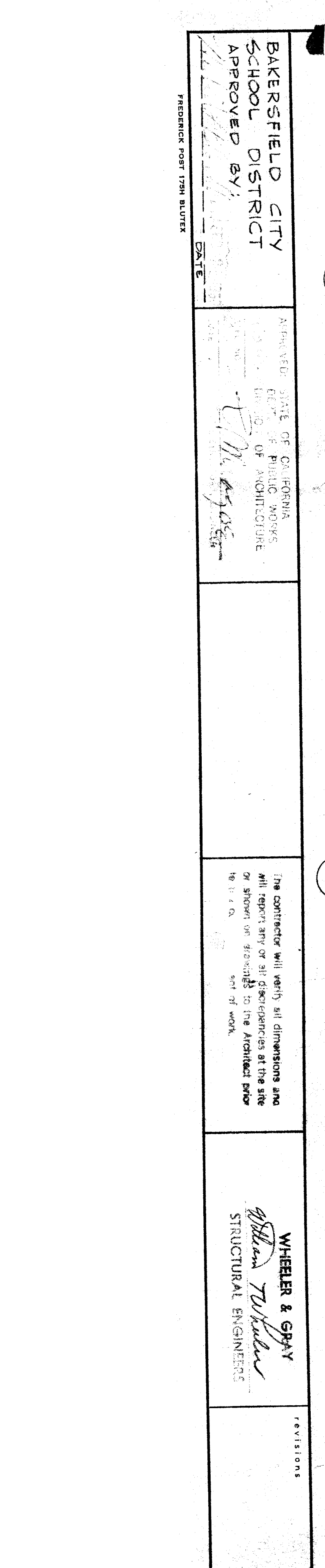
ELEVATION



PLAN



ELEVATION



BAKERSFIELD CITY SCHOOL DISTRICT APPROVED BY: _____

WHEELER & SPATY STRUCTURAL ENGINEERS