

**GENERAL NOTES**

- SOIL CONDITIONS** Sand, clay soil supporting footings. Soil bearing value for use in design assumed to be 1200 lbs. per sq. ft. below 12" depth. Wherever is the lower.
- REINFORCED CONCRETE**
1. No brick or porous material shall be used to support footing steel off the ground.
  2. All concrete shall have a min. ultimate compressive strength of 1000 p.s.i.
  3. Anchor bolts and dowels shall be securely held in place before concrete is poured.
  4. Splices in reinforcing steel shall be 30 bar diam. min for all bars including column steel. All splices and lap bars shall be separated 2' & clear of column bars no. 4's. Reinforcing steel shall be separated from wall bars. All wall bars may be welded together.
  5. Reinforcing steel shall have min. protective conc. covering as tabulated below:

**WALL STEEL**

Below (Pour concrete directly against ground)	3" lap
Grade (Formed but exposed to other)	2" lap
Interior (Formed but exposed to other)	1" lap
Exterior (Formed but exposed to other)	2" lap

**FOOTING PADS**

Reinforcing steel (top, bottom)	3"
Reinforcing steel (sides)	2"

**SLABS ON GROUND**

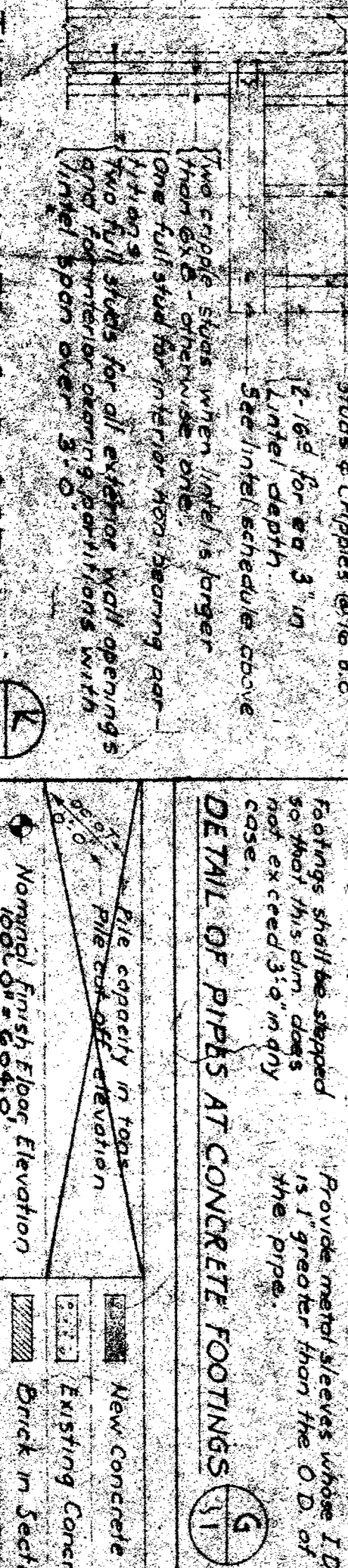
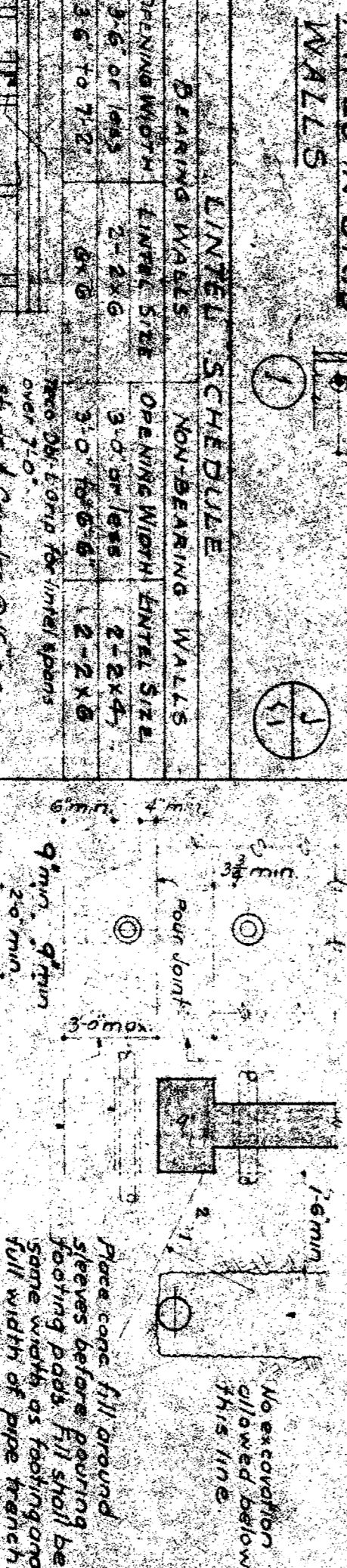
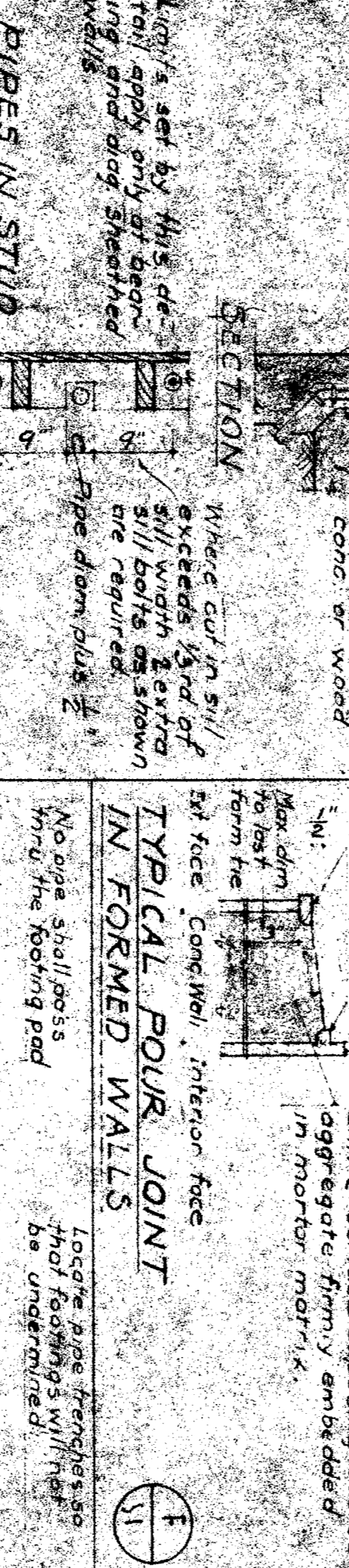
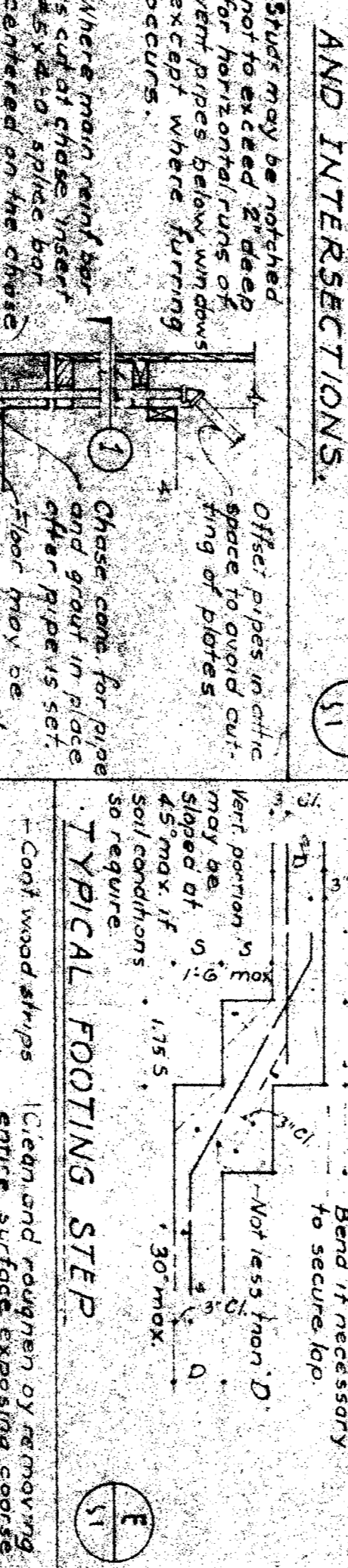
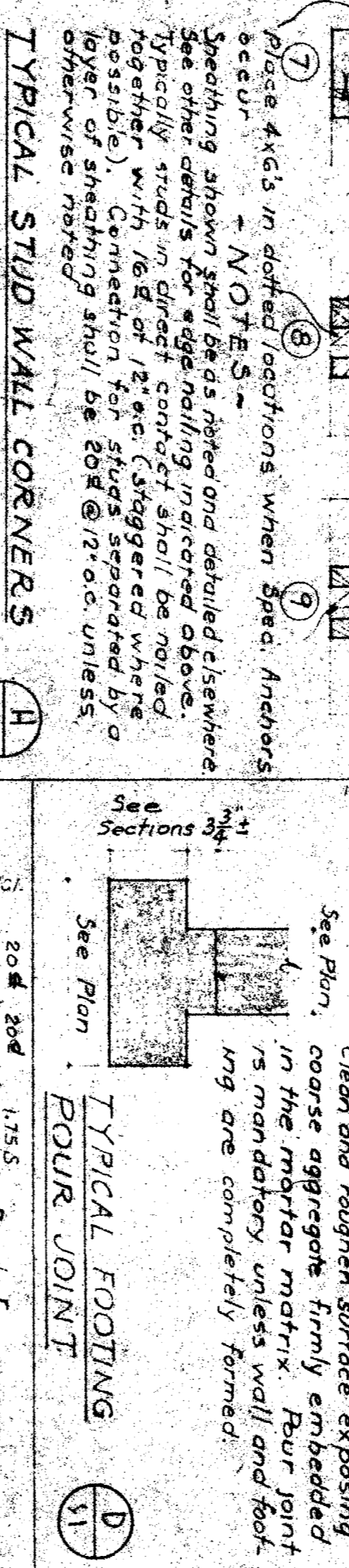
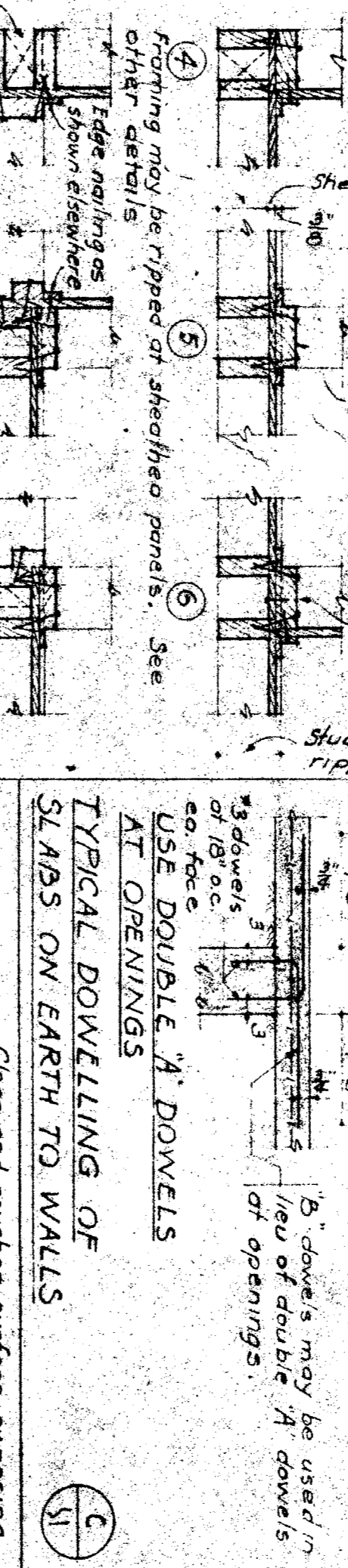
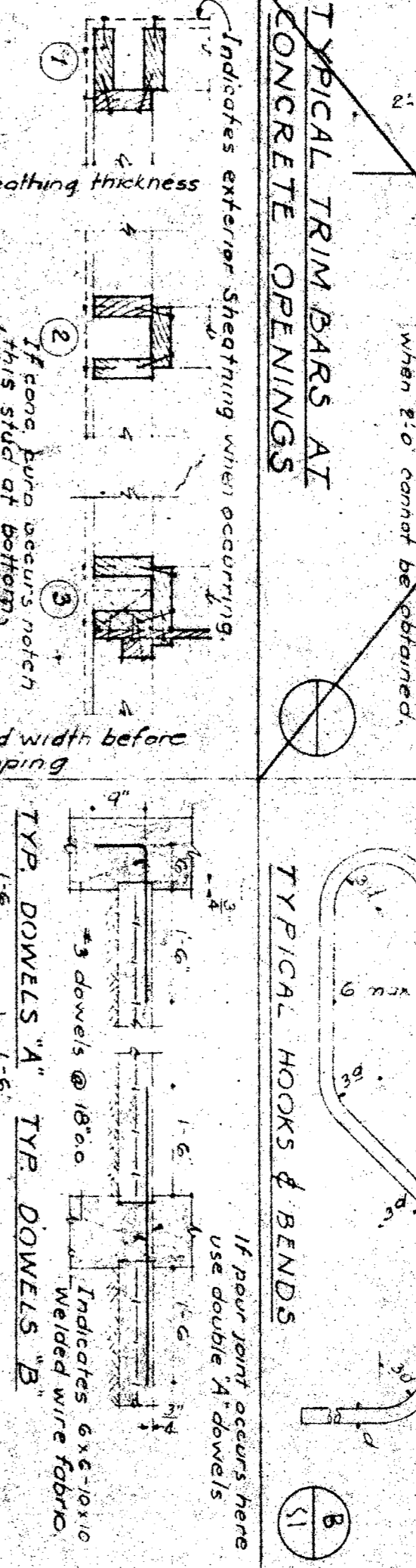
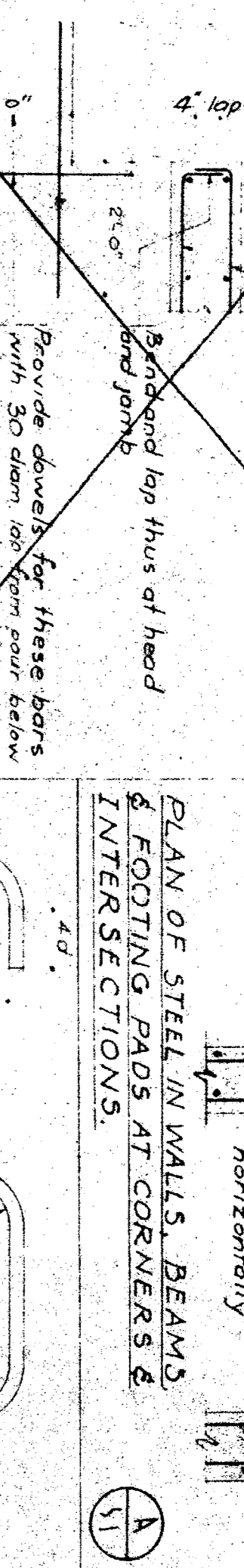
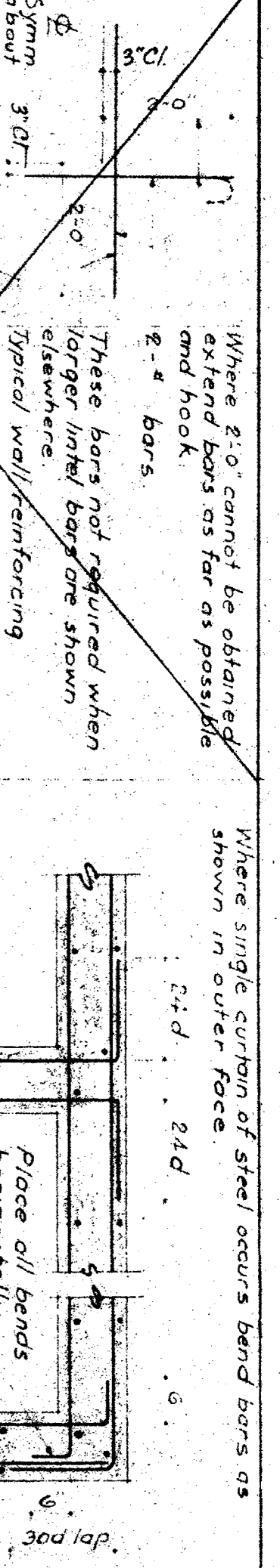
Reinforcing steel (top, bottom)	3"
Reinforcing steel (sides)	2"

- STRUCTURAL STEEL**
1. When stress is not given and/or details are not shown in design, connections shall be made in accordance with AISC specifications for connections of equal strength shall be used for all beam connections not shown.
  2. Base plates shall be bedded on drypack grout of 1" min. thickness.
  3. All welding shall be done by the electric shielded arc process.
  4. All bolted connections shall be made with A307 bolts.
  5. The following structural steel items shall be used:
    - 1. A36 Steel
    - 2. A572 Gr. 50 Steel
    - 3. A588 Gr. 80 Steel

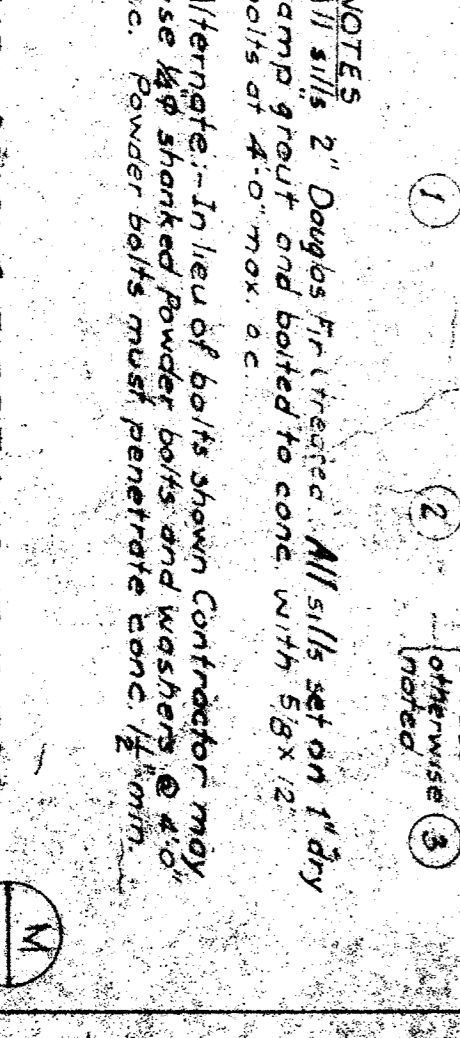
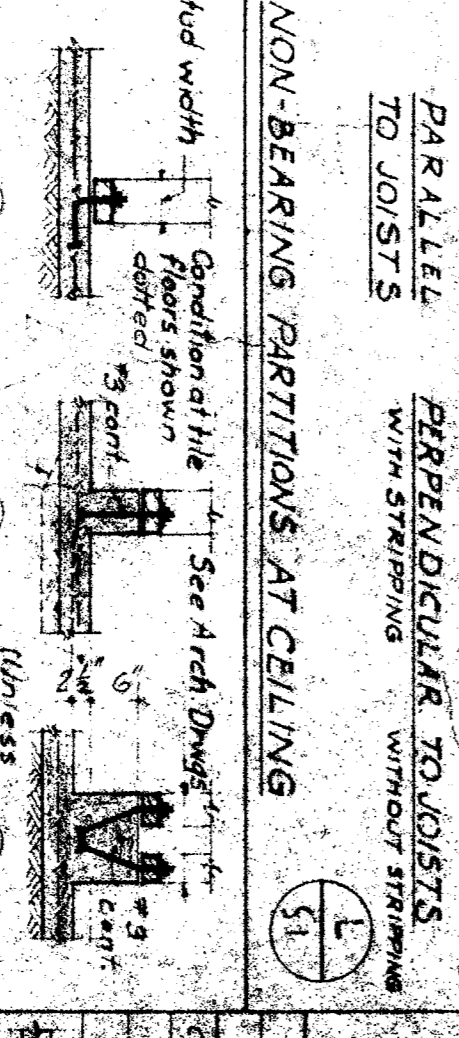
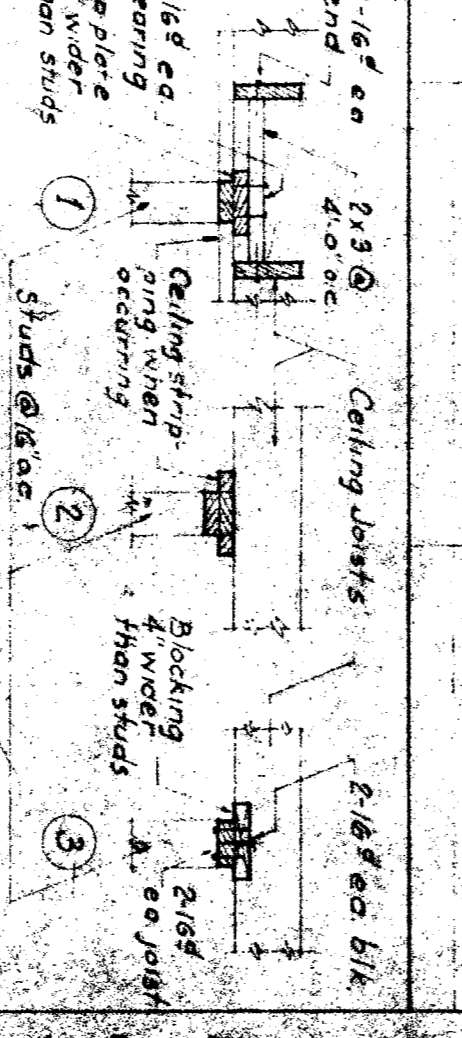
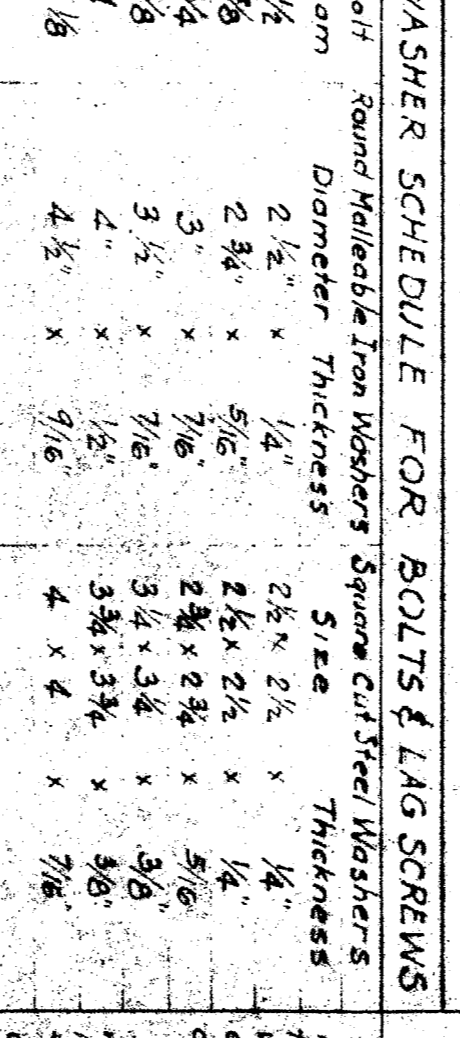
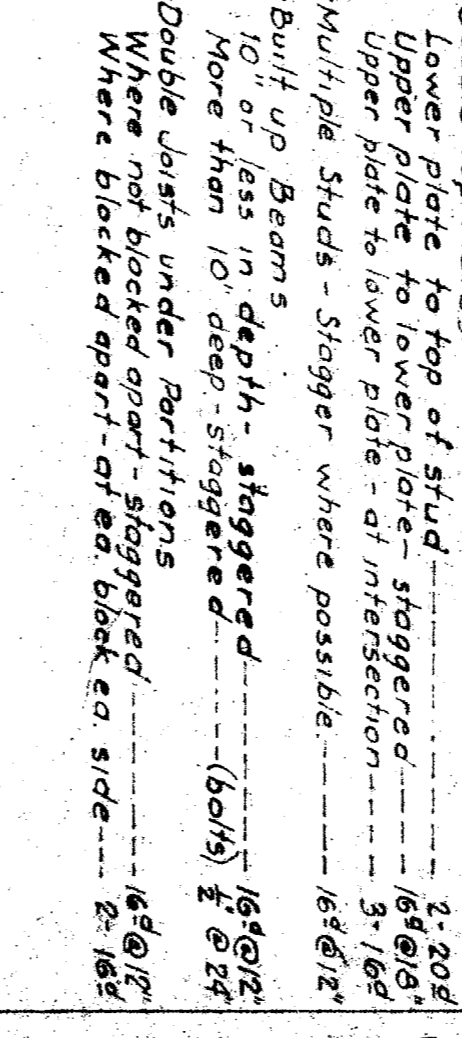
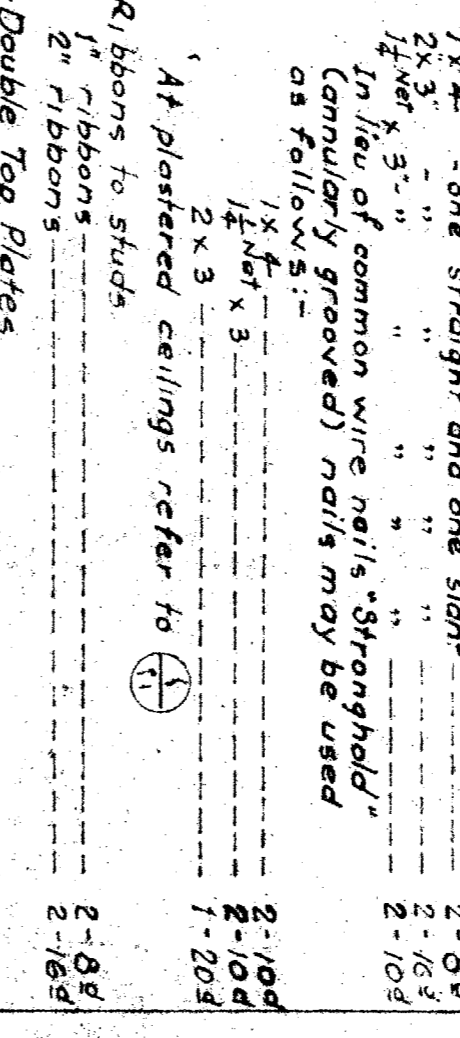
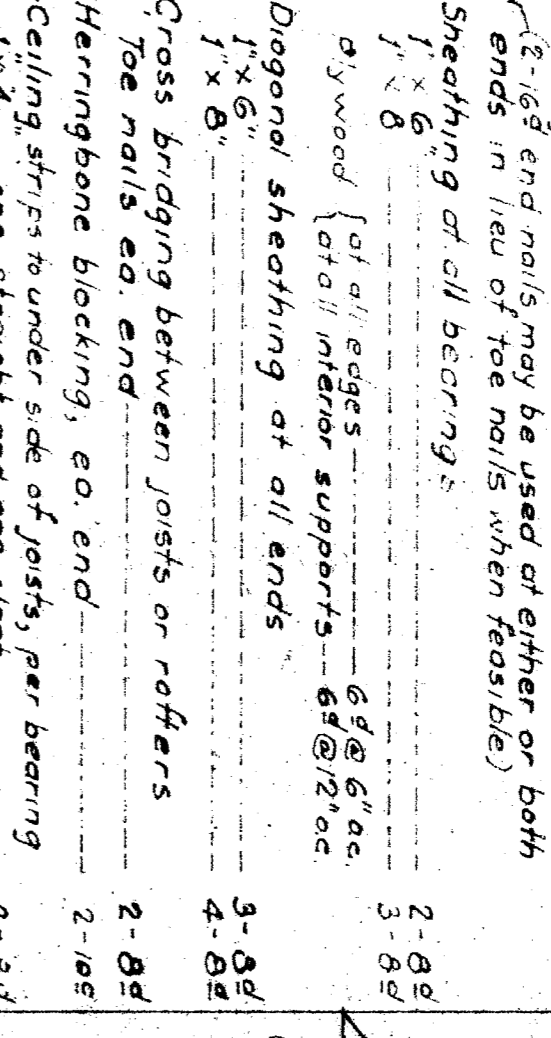
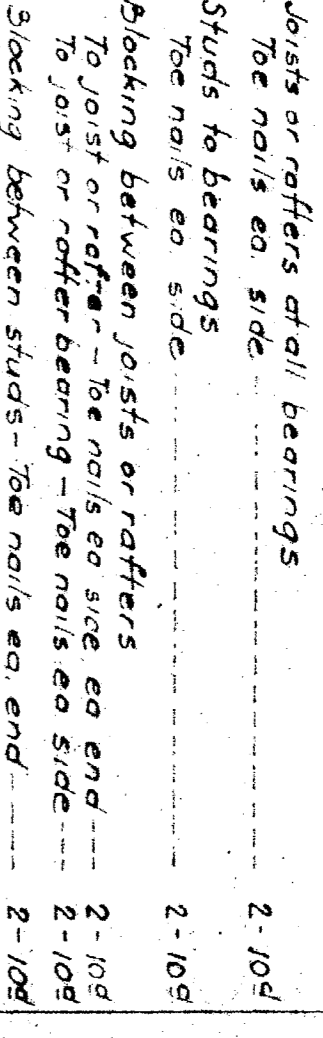
- TIMBER**
1. All framing lumber shall be grade marked Douglas Fir - See Spec. Footings
  2. All framing lumber shall be set on a minimum of 4" x 4" x 4" max. unless otherwise noted. All end studs shall be set on a minimum of 4" x 4" x 4" max. unless otherwise noted.
  3. All corners, intersections, door openings, sill ends and other joints shall be bolted to concrete with 5/8" x 12" bolts of 4-0' o.c. max. unless otherwise noted.
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- REINFORCING STEEL**
1. Slabs on earth other than walls shall be reinforced with 6"x6"-10'0" x 30'0" welded wire fabric on a min. depth of 3" above and 3" below.
  2. See Architectural and/or Mechanical Drawings for location of pipes, vents, ducts and other similar openings.
  3. All walls shall be dowelled to supporting footings, beams, pads, etc. with bars of the same size and spacing as the vertical bars in the wall.
  4. Anchorage of dowels shall be the equivalent of a bar splice.
  5. Footing pads on otherwise weakened shall be 10" thick and 1/2" in width and reinforcement spaced at 12" o.c.
  6. Reinforcing steel shall conform to A572 Designation A305.

- LEGEND**
- 1. Continuous Wood Member
  - 2. Wood Blocking
  - 3. Indicates Footing Step
  - 4. W/W-Indicates Wire Fabric
  - 5. Section Number
  - 6. Detail Number

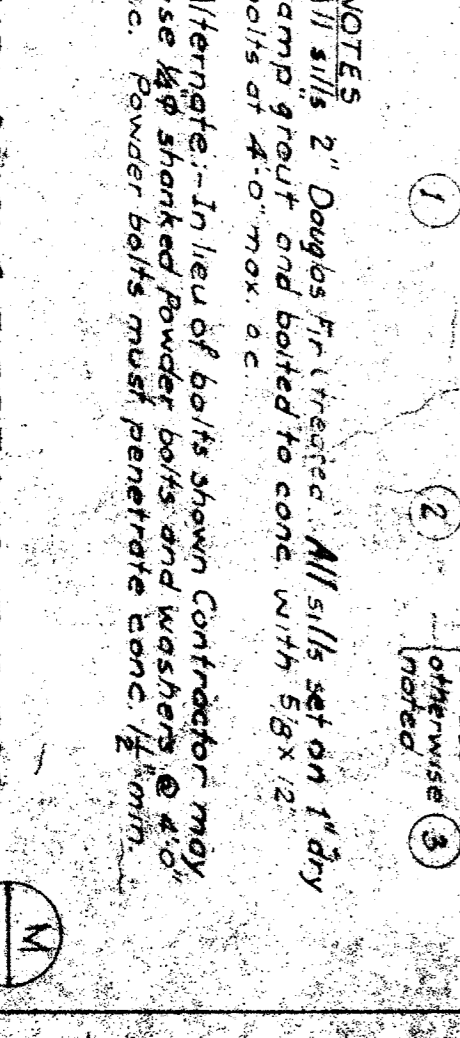
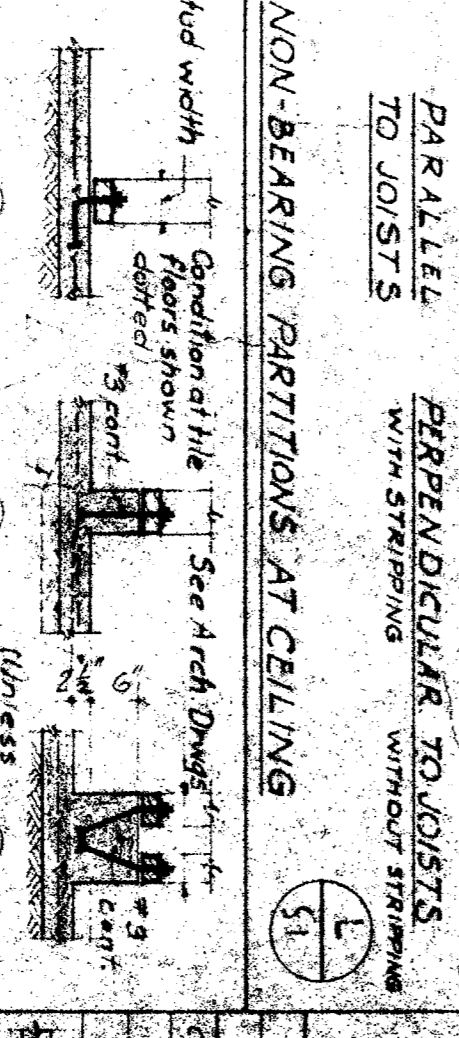
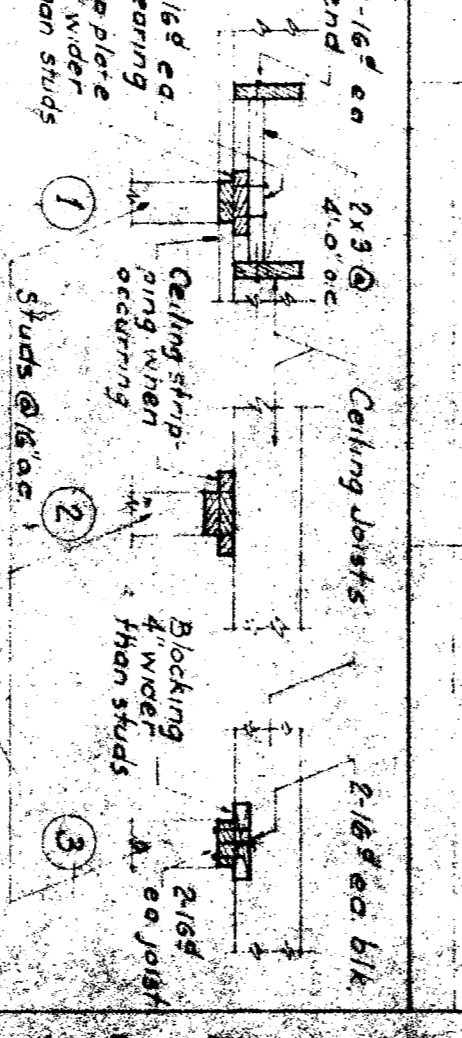
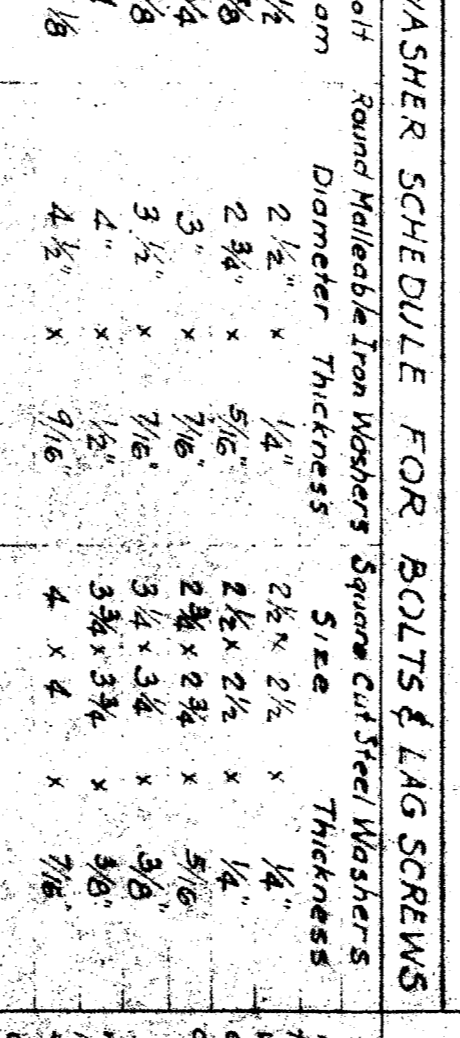
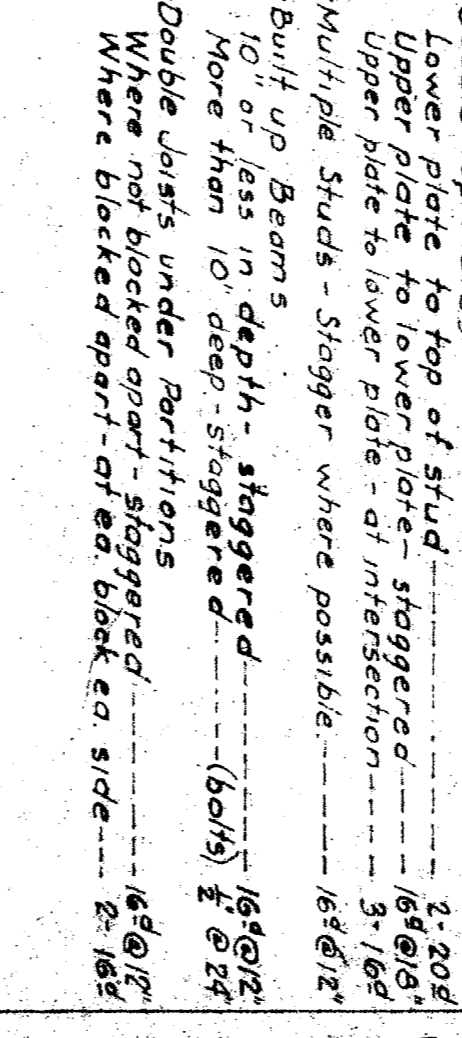
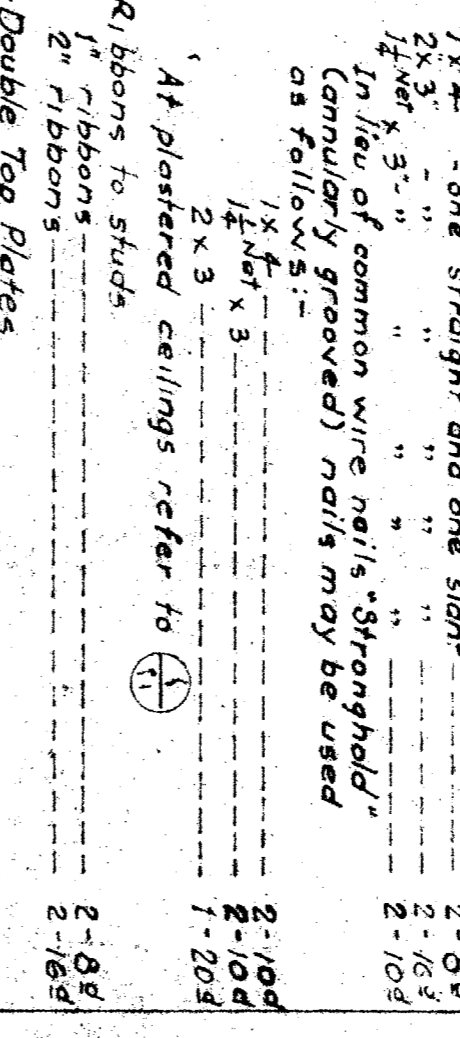
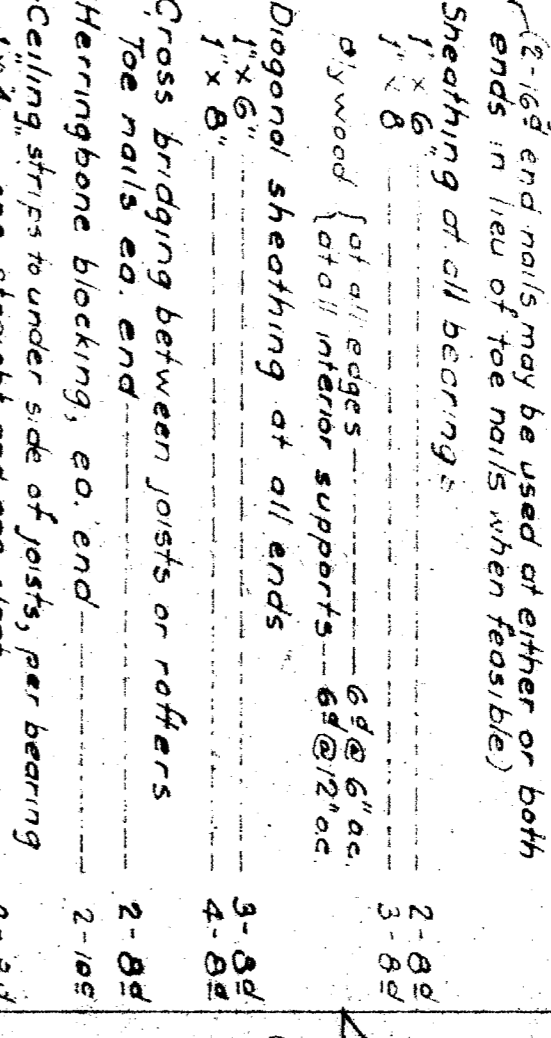
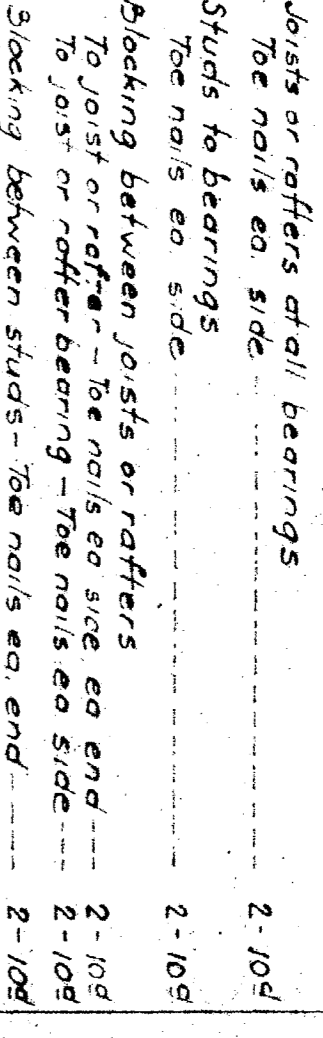


- MAILING SCHEDULE**
- Connections listed are minimum permissible. All nails shall be common wire nails unless otherwise noted. Where possible, nails driven perpendicular to the grain shall be used instead of toe nails.
- FIXING**
- |              |              |
|--------------|--------------|
| 1-1/2" x 8"  | 3-1/2" x 8"  |
| 2-1/2" x 8"  | 4-1/2" x 8"  |
| 3-1/2" x 8"  | 5-1/2" x 8"  |
| 4-1/2" x 8"  | 6-1/2" x 8"  |
| 5-1/2" x 8"  | 7-1/2" x 8"  |
| 6-1/2" x 8"  | 8-1/2" x 8"  |
| 7-1/2" x 8"  | 9-1/2" x 8"  |
| 8-1/2" x 8"  | 10-1/2" x 8" |
| 9-1/2" x 8"  | 11-1/2" x 8" |
| 10-1/2" x 8" | 12-1/2" x 8" |
| 11-1/2" x 8" | 13-1/2" x 8" |
| 12-1/2" x 8" | 14-1/2" x 8" |
| 13-1/2" x 8" | 15-1/2" x 8" |
| 14-1/2" x 8" | 16-1/2" x 8" |
| 15-1/2" x 8" | 17-1/2" x 8" |
| 16-1/2" x 8" | 18-1/2" x 8" |
| 17-1/2" x 8" | 19-1/2" x 8" |
| 18-1/2" x 8" | 20-1/2" x 8" |



**WASHER SCHEDULE FOR BOLTS & LAG SCREWS**

Bolt Diameter	Washer Thickness	Washer Size	Washer Thickness
1/4"	1/4"	2 1/2" x 2 1/2"	1/4"
3/8"	3/8"	2 3/4" x 2 3/4"	3/8"
1/2"	1/2"	3" x 3"	1/2"
5/8"	5/8"	3 1/2" x 3 1/2"	5/8"
3/4"	3/4"	3 3/4" x 3 3/4"	3/4"
7/8"	7/8"	4" x 4"	7/8"
1"	1"	4 1/2" x 4 1/2"	1"



APPROVED BY: **Ally C. Barton**

DATE: **SEP 15 1958**

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS

BAKERSFIELD CITY SCHOOL DISTRICT

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REGISTERED ARCHITECT

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