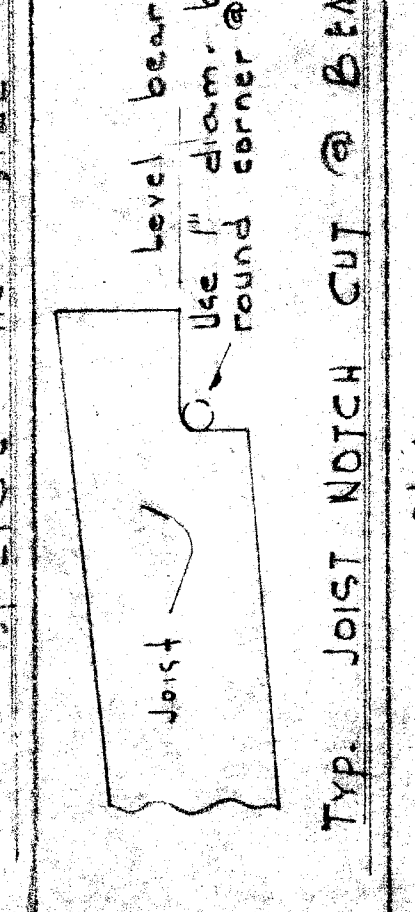
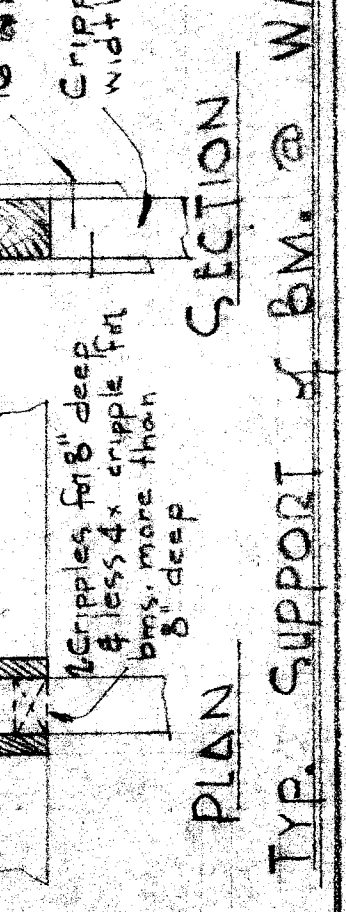


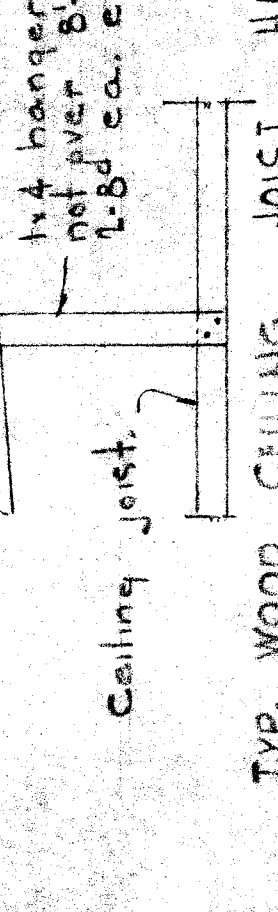
SPlice in SILL PLATE



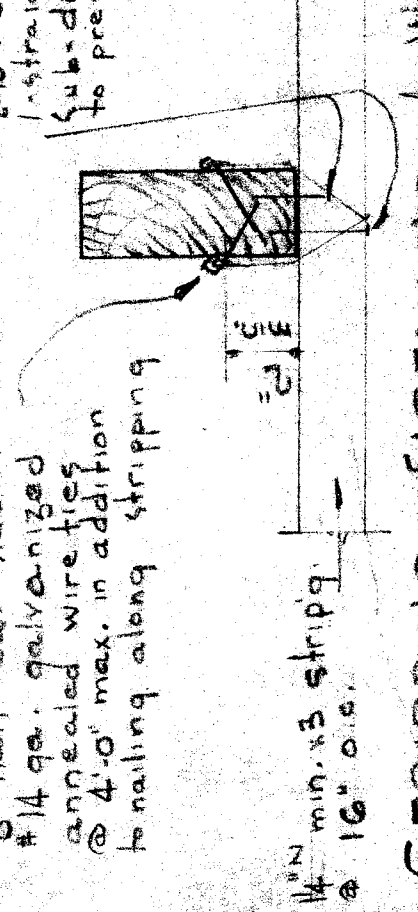
TYP. JOIST NOTCH CUT @ BEARING



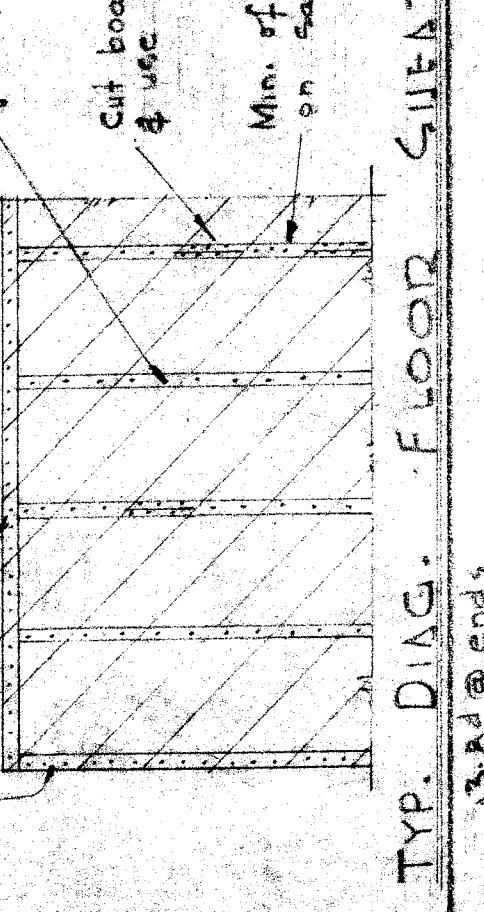
TYP. SECTION BEAM @ WALL



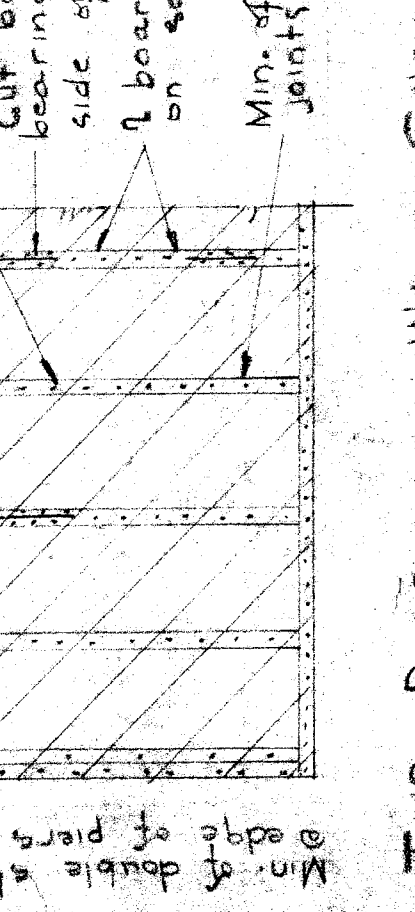
TYP. SUPPORT OF BEAM @ WALL



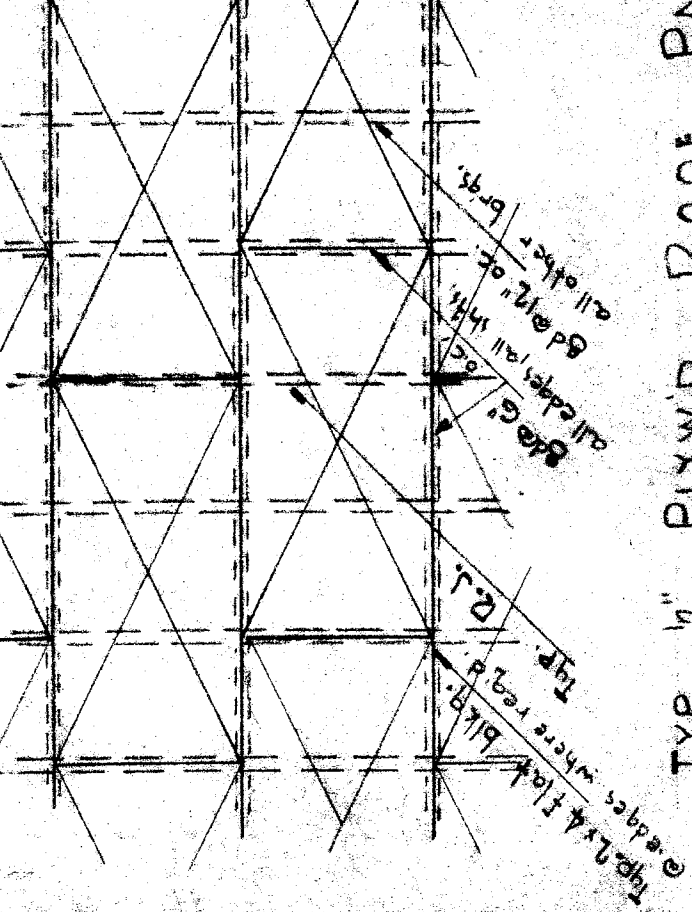
TYP. WOOD CEILING JOIST HANGERS



STRIPPING FASTENINGS & WOOD JOIST



TYP. DIAG. WALL SHEATHING



TYP. PLYWOOD ROOF PATTERN

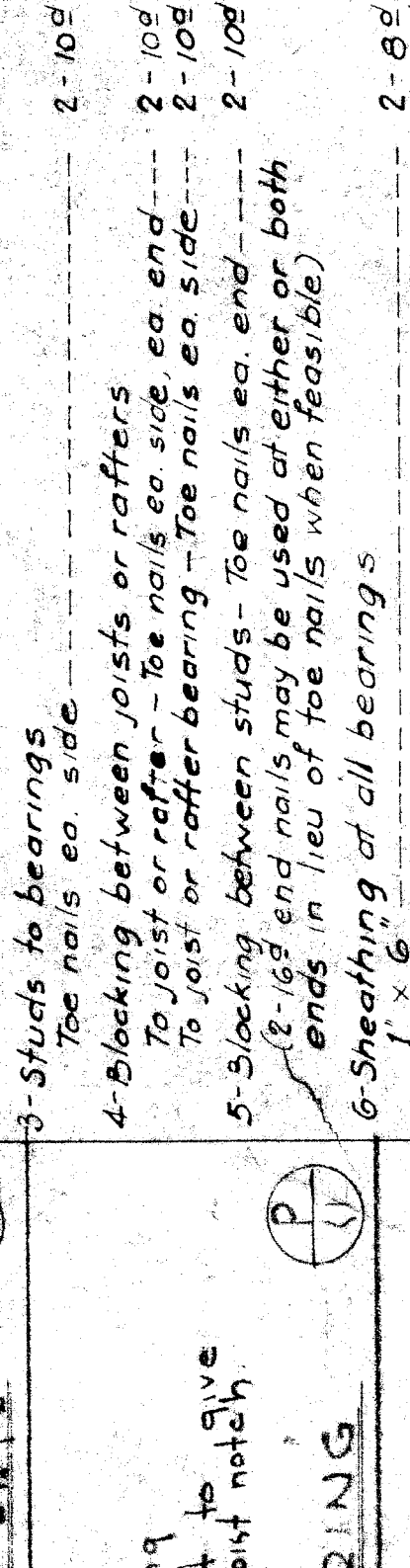
NAILING SCHEDULE
Connections listed are minimum permissible. All nails shall be common wire nails unless otherwise noted. Where possible, nails driven perpendicular to the grain shall be used instead of toe nails.

DETAIL

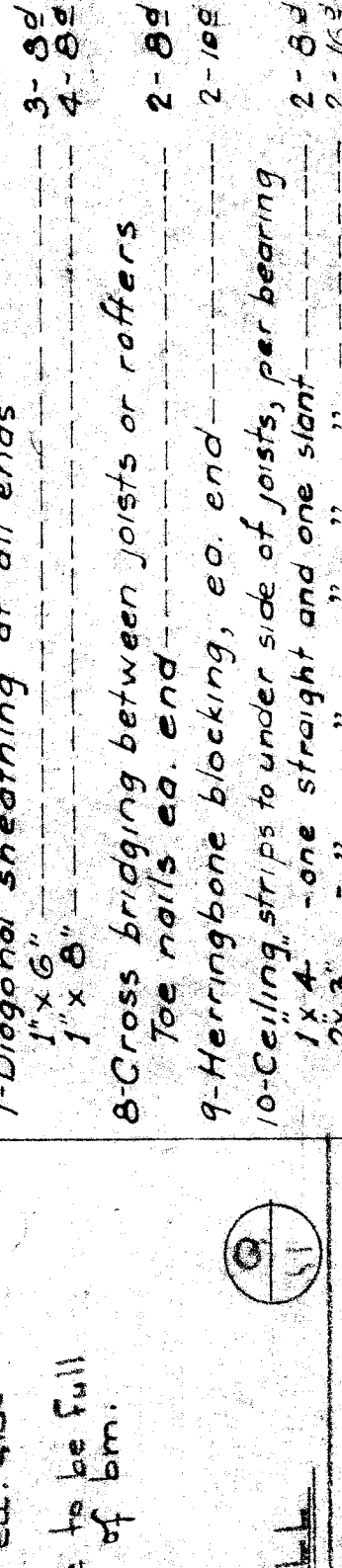
- 1- Joists or rafters to sides of studs. 3-16@ 3'-0" Symm about
- 2- Joists or rafters at all bearings. 2-10@ 2'-0" ea. side
- 3- Studs to bearings. 2-10@ 2'-0" ea. side
- 4- Blocking between joists or rafters. 2-10@ 2'-0" ea. side
- 5- Blocking between studs. 2-10@ 2'-0" ea. side
- 6- Sheathing at all bearings. 2-10@ 2'-0" ea. side
- 7- Diagonal sheathing at all ends. 2-10@ 2'-0" ea. side
- 8- Cross blocking between joists or rafters. 2-10@ 2'-0" ea. side
- 9- Herringbone blocking, ea end. 2-10@ 2'-0" ea. side
- 10- Ceiling strips to under side of joists, per bearing. 2-10@ 2'-0" ea. side
- 11- Ribbons to studs. 2-10@ 2'-0" ea. side
- 12- Double Top Plates. 2-10@ 2'-0" ea. side
- 13- Multiple Studs - Stagger where possible. 2-10@ 2'-0" ea. side
- 14- 10" or less in depth - staggered. 2-10@ 2'-0" ea. side
- 15- Double Joists under Partitions - staggered. 2-10@ 2'-0" ea. side

WASHER SCHEDULE FOR BOLTS & LAG SCREWS

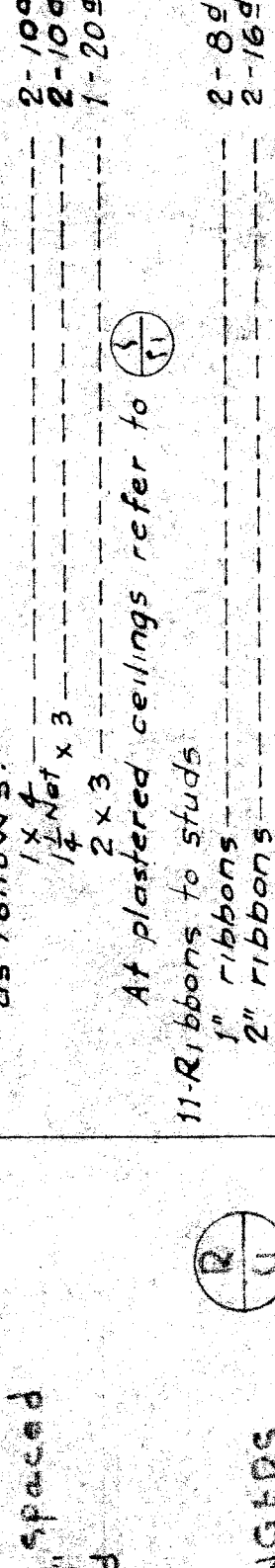
Diam	Thickness	Size	Thickness
1/2"	2 1/2"	2 1/2" x 2 1/2"	1/4"
3/4"	3"	2 1/2" x 2 1/2"	1/4"
7/8"	3 1/2"	2 1/2" x 2 1/2"	1/4"
1"	4"	2 1/2" x 2 1/2"	1/4"
1 1/8"	4 1/2"	2 1/2" x 2 1/2"	1/4"



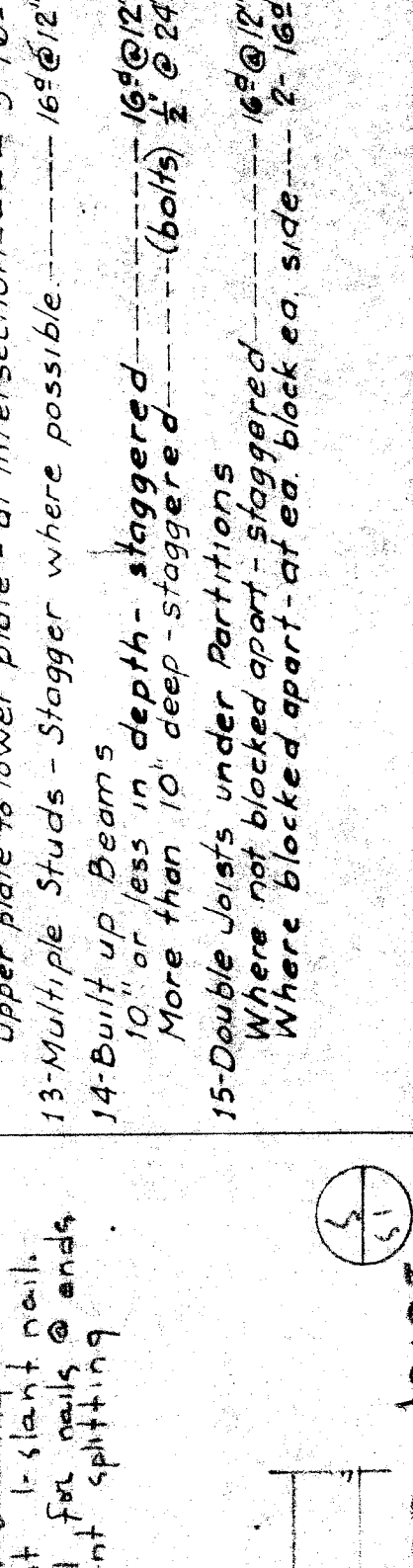
SPlice in SILL PLATE



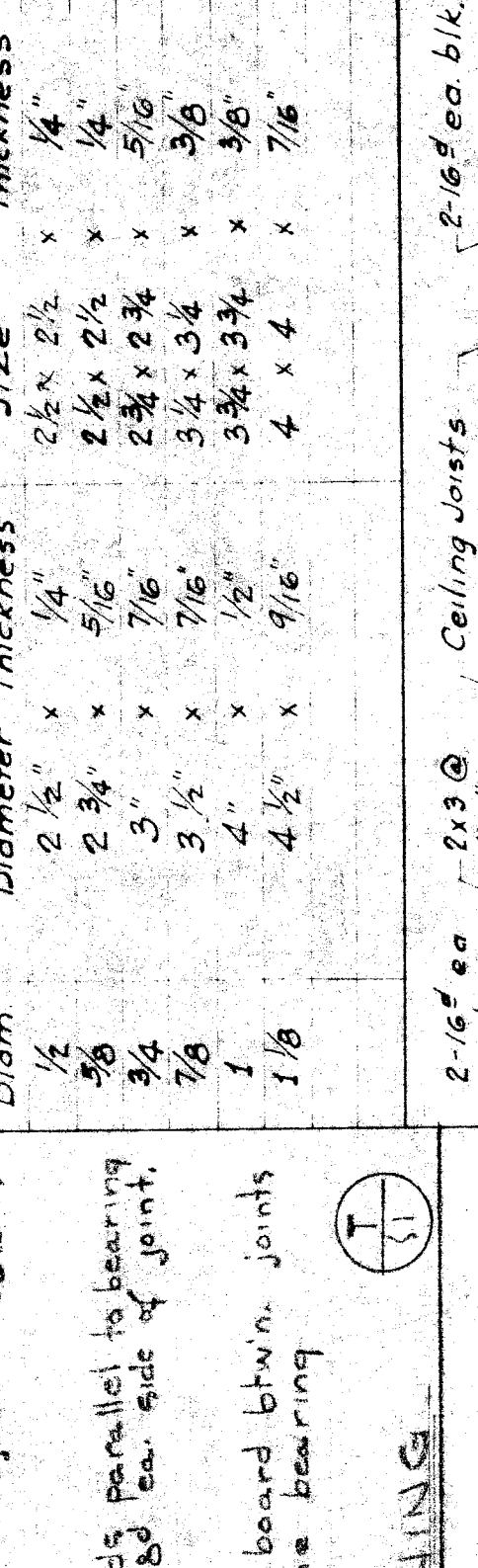
TYP. JOIST NOTCH CUT @ BEARING



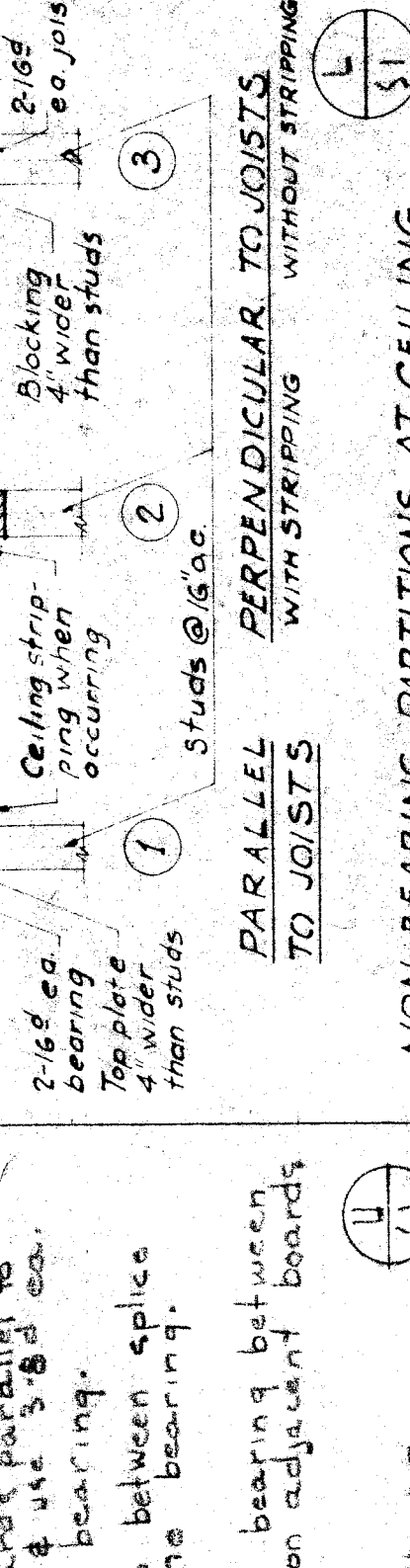
TYP. SECTION BEAM @ WALL



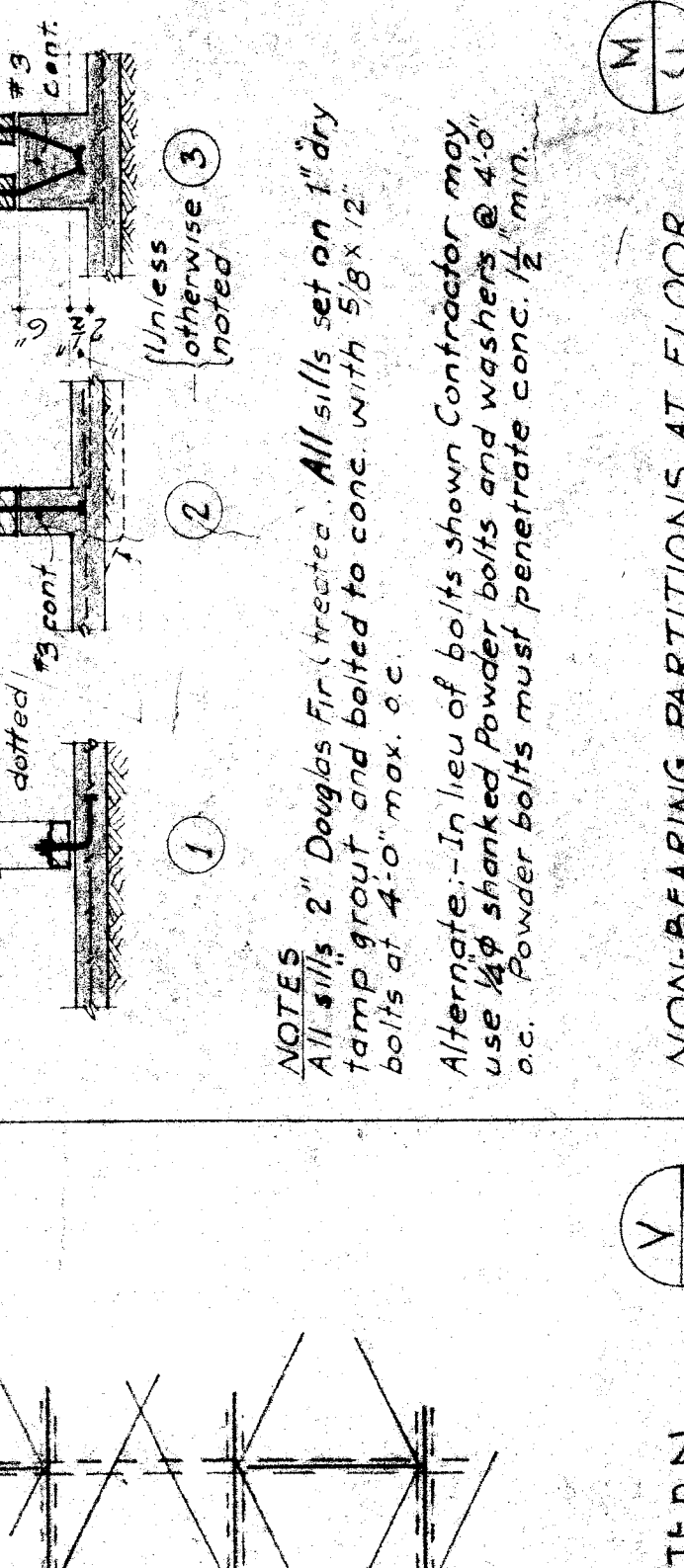
TYP. WOOD CEILING JOIST HANGERS



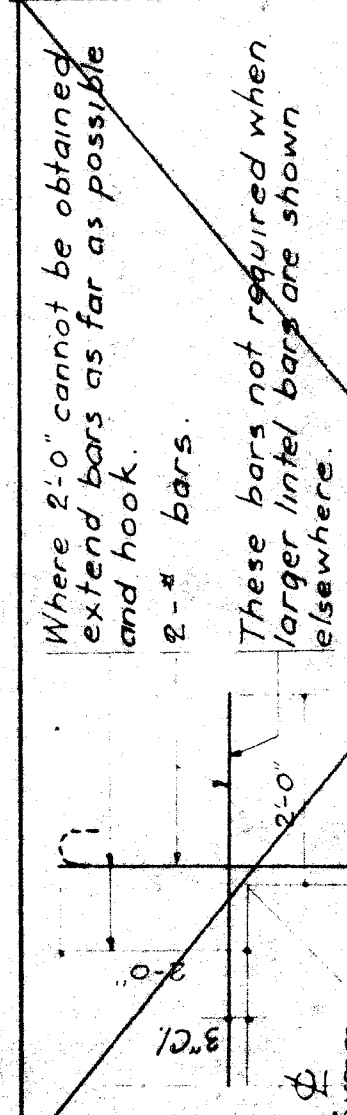
STRIPPING FASTENINGS & WOOD JOIST



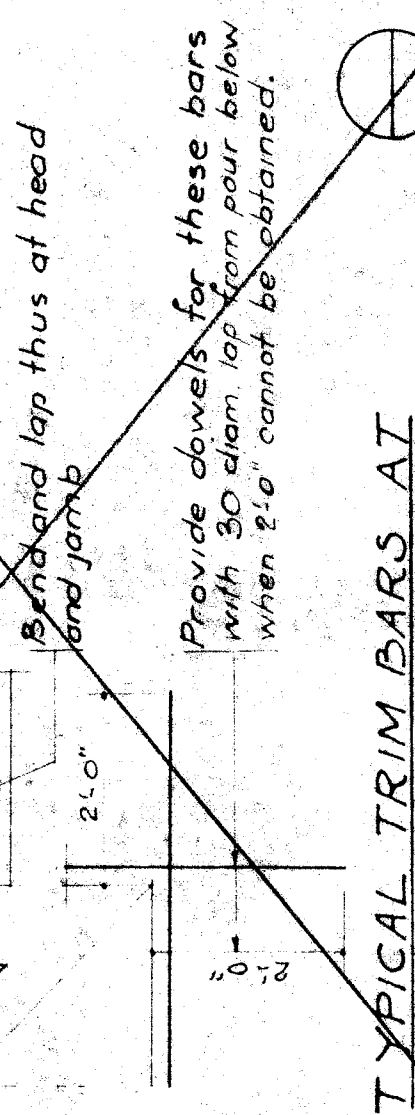
TYP. DIAG. WALL SHEATHING



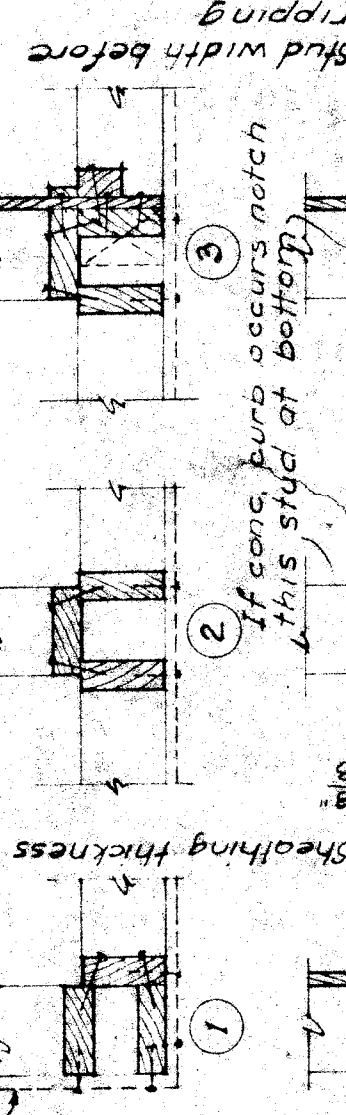
TYP. PLYWOOD ROOF PATTERN



SPlice in SILL PLATE



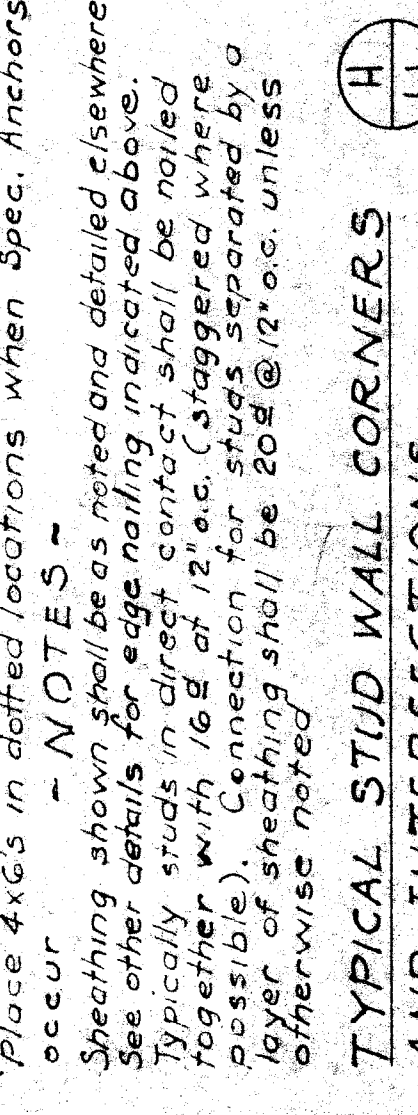
TYP. JOIST NOTCH CUT @ BEARING



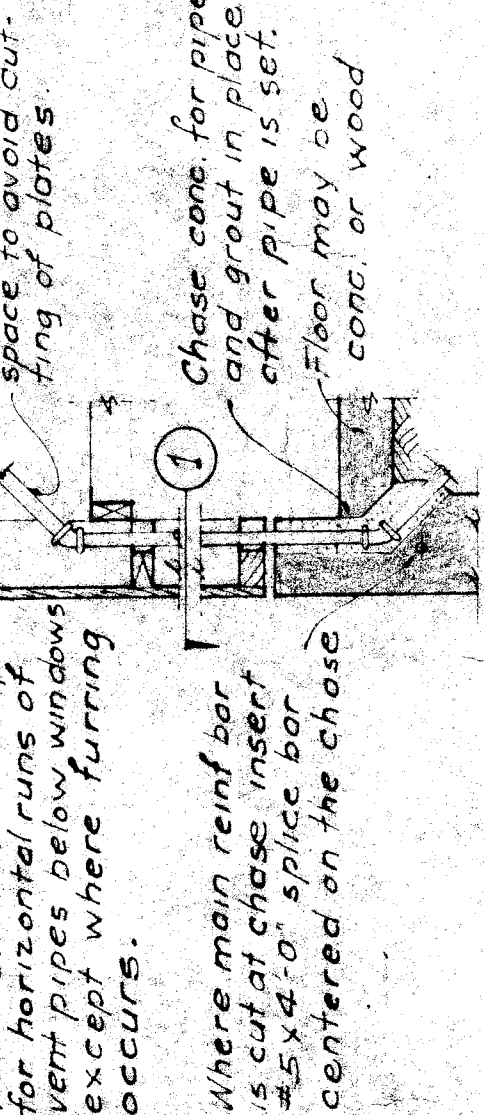
TYP. SECTION BEAM @ WALL



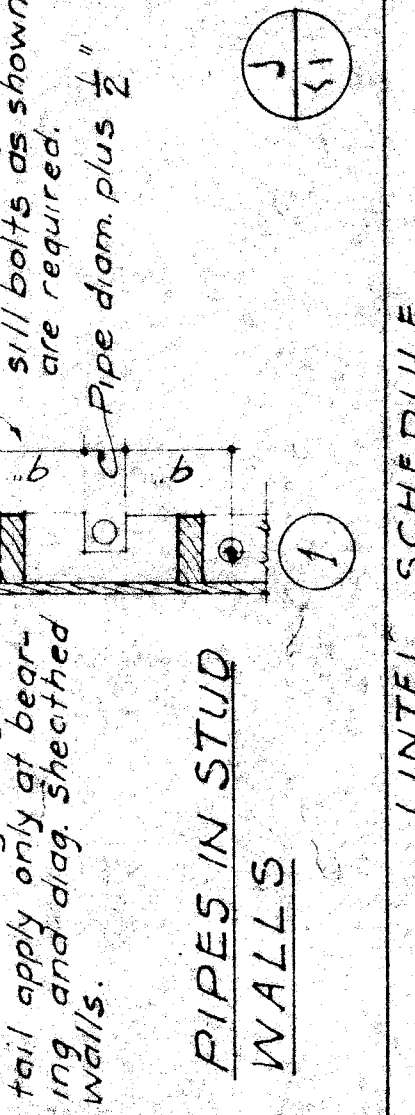
TYP. WOOD CEILING JOIST HANGERS



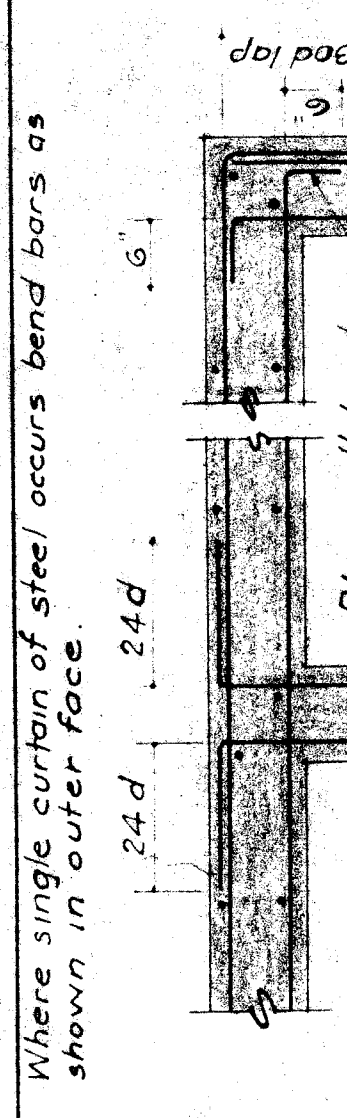
STRIPPING FASTENINGS & WOOD JOIST



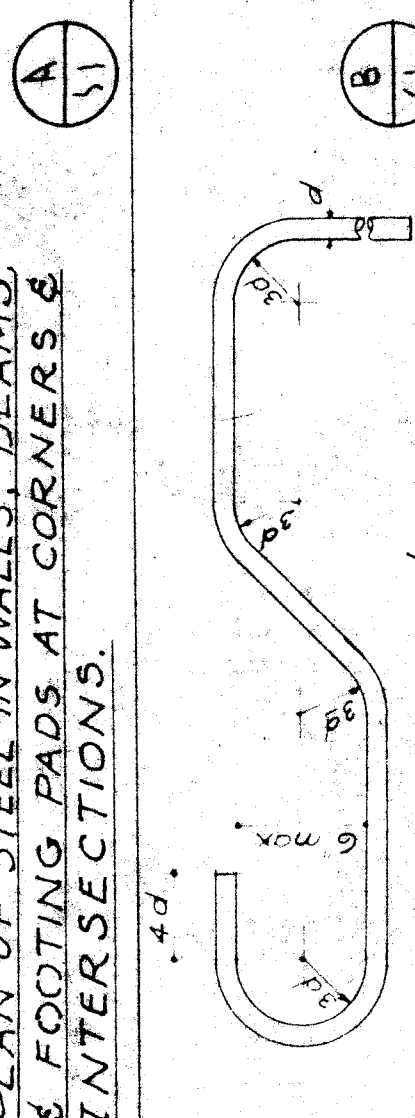
TYP. DIAG. WALL SHEATHING



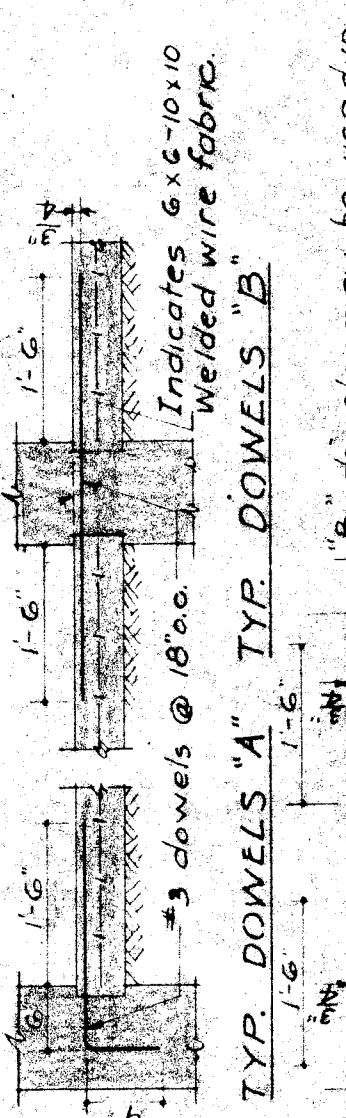
TYP. PLYWOOD ROOF PATTERN



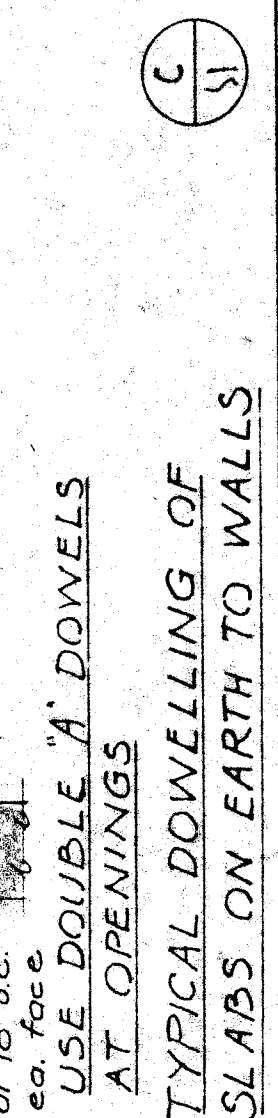
SPlice in SILL PLATE



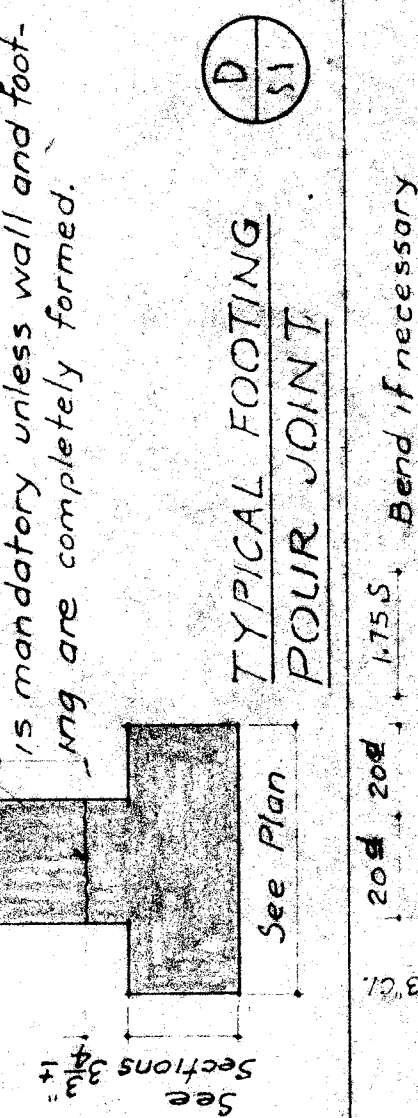
TYP. JOIST NOTCH CUT @ BEARING



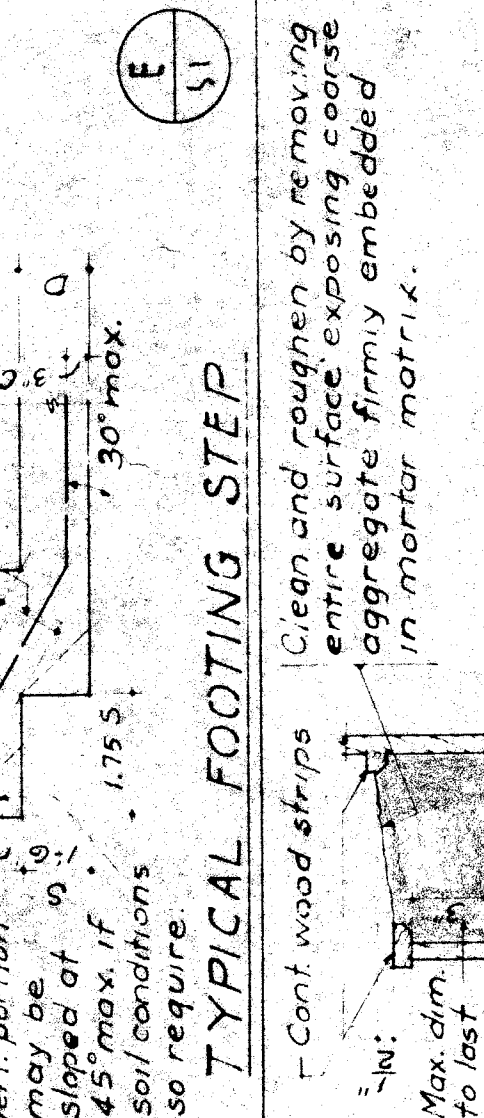
TYP. SECTION BEAM @ WALL



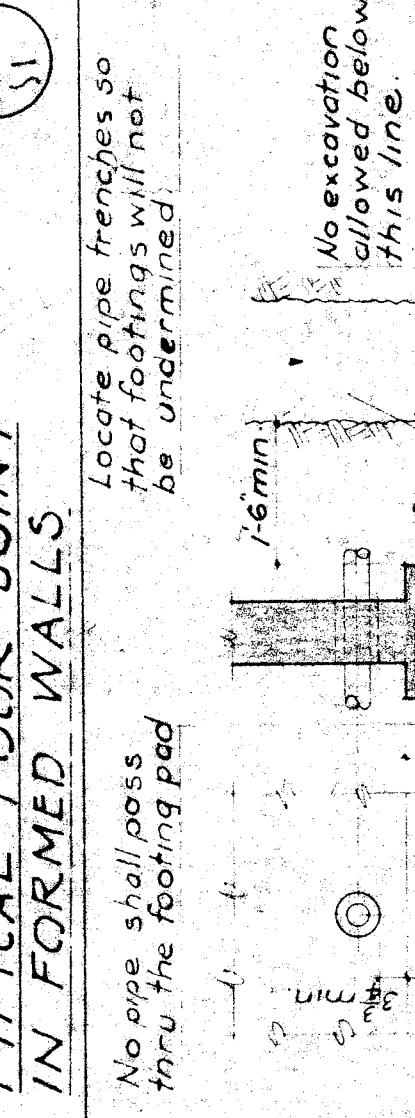
TYP. WOOD CEILING JOIST HANGERS



STRIPPING FASTENINGS & WOOD JOIST



TYP. DIAG. WALL SHEATHING



TYP. PLYWOOD ROOF PATTERN

SOIL CONDITIONS
1. Soil supporting footings is sandy clay and is to be 1200 #/cu ft. Footings shall be cast into natural undisturbed soil or in a below finish grade, whichever is the lower.

REINFORCED CONCRETE
1. All concrete shall be made with a min. ultimate compressive strength of 1000 psi at 28 days unless otherwise noted.
2. Anchor bolts and dowels shall be securely held in place before concrete is placed in form.
3. Splices and laps bars shall be separated 2' dia. o.c. min. but in no case shall the separation be less than 1' dia. o.c. However, reinforcement bars may be separated 1' min. and wall bars may be wired together.
4. Reinforcing steel shall have min. protective conc. covering as tabulated below:
5. Below Formwork directly against air - 3" o.p. Side away from air (also above grade) - 1" o.p. Other items - 3/4"
6. Slabs on earth other than walls shall be reinforced with 6"x6"-10x10 Welded Wire Mesh (W.W.M.) and other edge members as per typical details.
7. See Architectural and/or Mechanical Drawings for location of pipes, vents, ducts and other similar openings.
8. All walls shall be dowelled to supporting footings, beams, piers, etc. with bars spaced at 16" o.c.
9. Anchorage of dowels shall be the equivalent of a bar splice.
10. Wall finishing coats not otherwise detailed shall be 1/2" thick and 1/2" in width and reinforced as per typical details.
11. Deflection limits for reinforcing steel shall conform to ASTM A305

GENERAL NOTES
1. All framing lumber shall be grade marked Douglas Fir. See Specifications for lumber.
2. All framing lumber shall be set on a minimum of 4" min. girth.
3. Sill plates shall be bolted to concrete with 1/2" x 2" bolts at 4'-0" o.c. max. unless otherwise noted.
4. At all corners, intersections, door openings, sill plates and other openings, all framing shall be reinforced with 2"x4" cross bracing.
5. All bolts shall be fitted with malleable iron or steel plate washers. Holes for bolts in timber shall be bored with a bit of the same nominal diameter as the bolt.

STRUCTURAL STEEL
1. When stress is not given and/or details are not shown design connections for members carrying direct stress to develop the strength of the members.
2. All steel shall be of the same grade and shall be of equal strength shall be of the same grade.
3. Base plates shall be bedded on dryback grout of 1" min. thickness.
4. All welded connections shall be made by the electric shielded arc process.
5. All connections shall be made by the electric shielded arc process.
6. The following structural steel items shall be treated: - 5" I.S., 6" I.S., 8" I.S., 8" I.S.

TIMBER
1. All framing lumber shall be grade marked Douglas Fir. See Specifications for lumber.
2. All framing lumber shall be set on a minimum of 4" min. girth.
3. Sill plates shall be bolted to concrete with 1/2" x 2" bolts at 4'-0" o.c. max. unless otherwise noted.
4. At all corners, intersections, door openings, sill plates and other openings, all framing shall be reinforced with 2"x4" cross bracing.
5. All bolts shall be fitted with malleable iron or steel plate washers. Holes for bolts in timber shall be bored with a bit of the same nominal diameter as the bolt.

LEGEND
1. Continous Wood Member.
2. Wood Blocking.
3. Indicates Footing Step.
4. W.W.M. Welded Wire Fabric.
5. New Concrete in Section.
6. Existing Concrete in Section.
7. Brick in Section.
8. Die cavity in form. (File for detail.)
9. Normal Finish Floor Elevation.

DETAIL OF PIPES AT CONCRETE FOOTINGS
1. Die cavity in form. (File for detail.)
2. Normal Finish Floor Elevation.

TYPICAL POUR JOINT IN FORMED WALLS
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

TYPICAL FOOTING STEP
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

PIPES IN STUD WALLS
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

BEARING PARTITIONS AT CEILING
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

NON-BEARING PARTITIONS AT FLOOR
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

STRIPPING FASTENINGS & WOOD JOIST
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

TYPICAL DIAGONAL WALL SHEATHING
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

TYP. PLYWOOD ROOF PATTERN
1. Concrete to be placed below this line.
2. Concrete to be placed above this line.

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