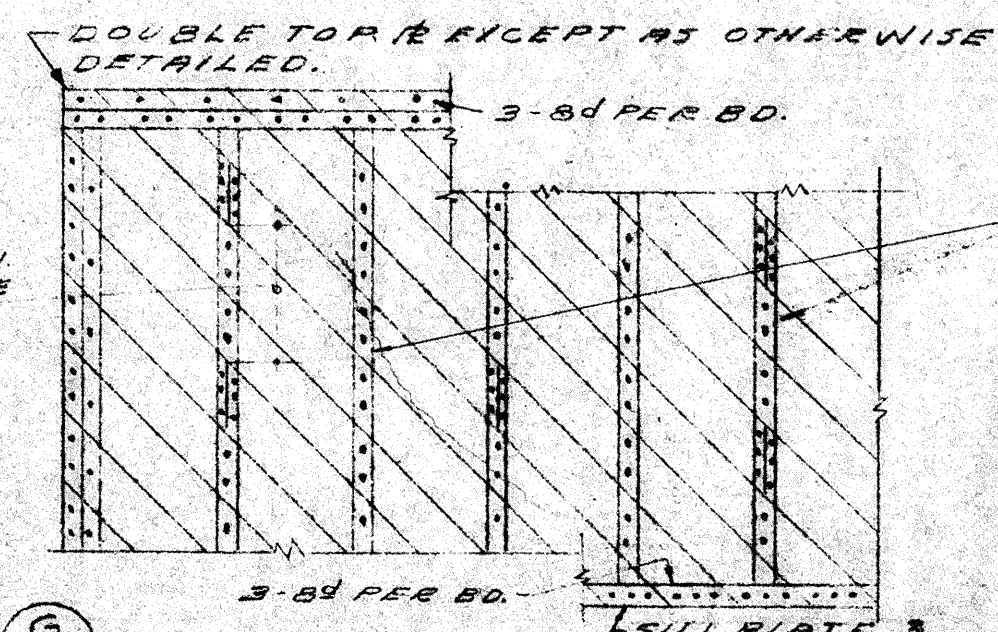
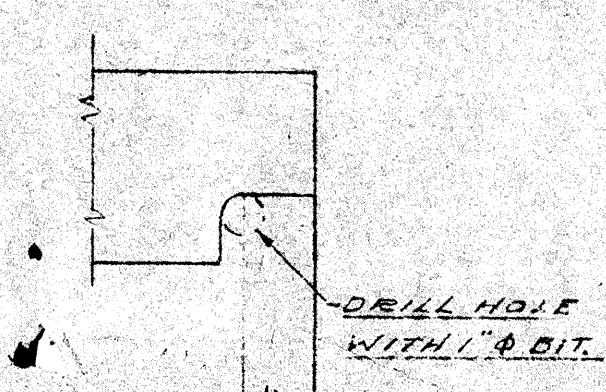


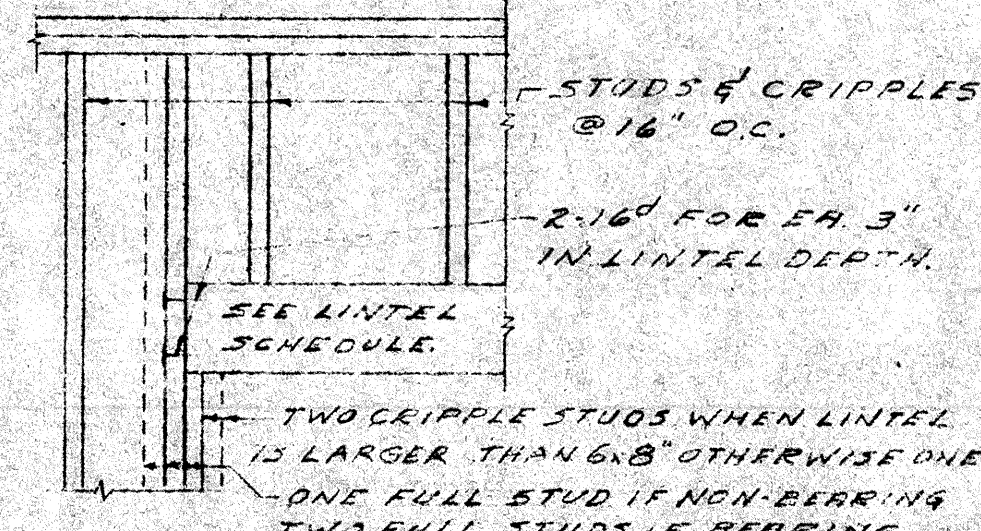
ROOF SHEATHING



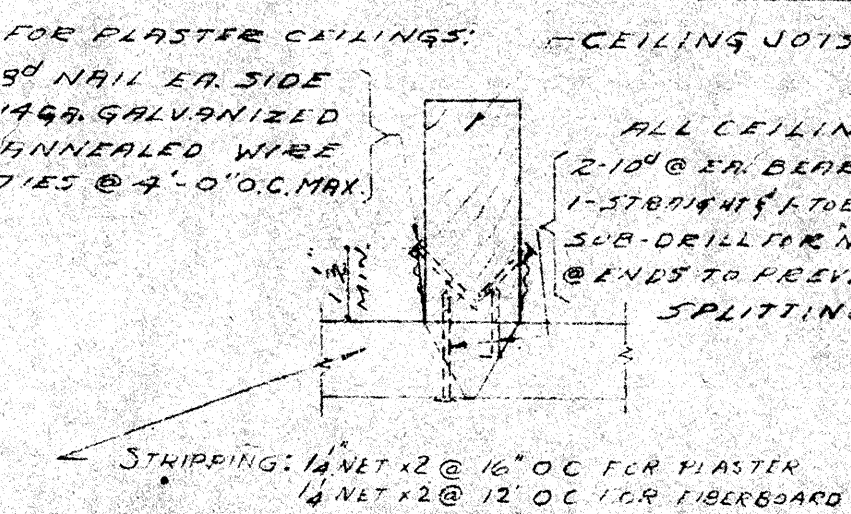
DETAILS (G) WALL SHEATHING. DETAILS FOR 1x6 DIAGONAL SHEATHING. WHERE 1x8 DIAG. SHEATHING IS USED, ADD BUTTER BEARING SHOWN ABOVE.



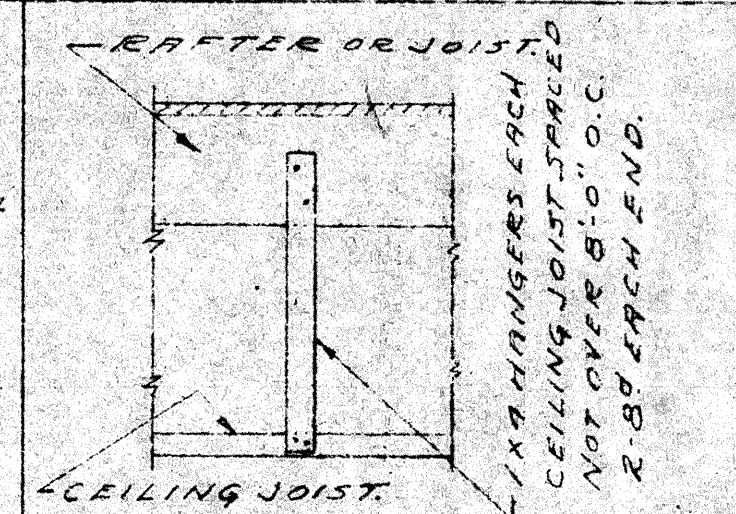
TYPICAL NOTCH FOR WOOD JOIST OR BEAM. DETAIL (H)



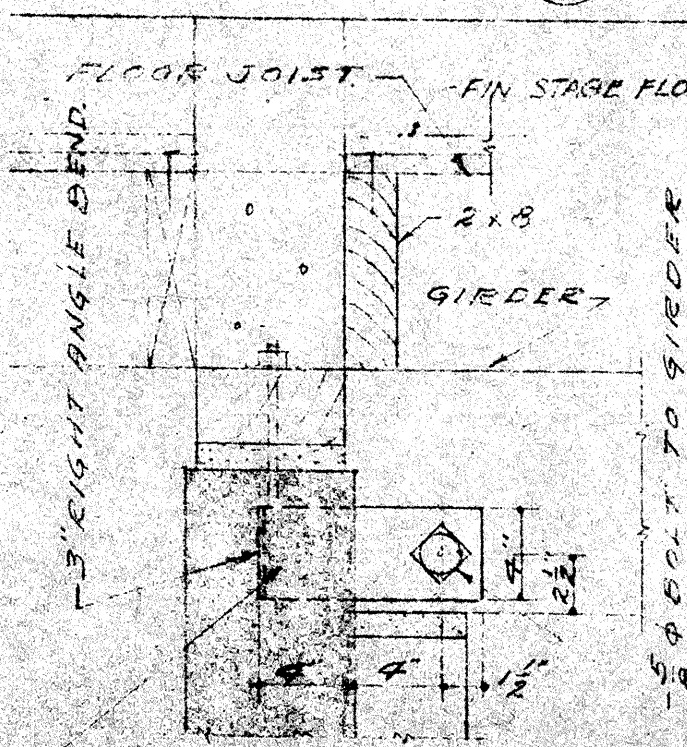
TYPICAL LINTEL END DETAIL. DETAIL (J)



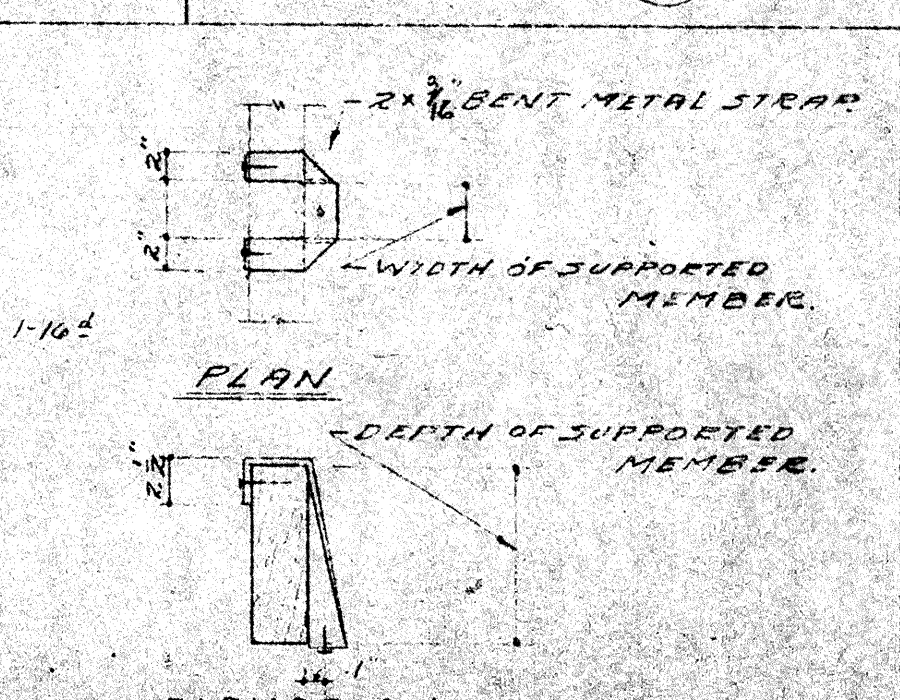
STRIPPING FASTENING FOR SUPPORTING FURLED CEILINGS. DETAIL (L)



TYPICAL WOOD CEILING JOIST HANGERS. DETAIL (K)



TYPICAL ANCHOR. DETAIL (M)



TYPICAL METAL JOIST HANGERS. DETAIL (N)

**** NAILING SCHEDULE**

DETAIL	NAILING *
JOIST OR RAFTERS TO SIDES OF STUDS	
8" JOIST OR LESS	3-16d
FOR EA. ADDITIONAL 4" IN DEPTH OF JOIST	1-16d
JOISTS OR RAFTERS @ ALL BEARINGS - TOE NAILS EA. SIDE	2-10d
STUDS TO BEARINGS - TOE NAILS EA. SIDE	2-10d
BLOCKING BETWEEN JOISTS OR RAFTERS	
TO JOISTS OR RAFTERS - TOE NAILS EA. END	2-10d
TO JOISTS OR RAFTERS BEARING TO NAILS EA. SIDE	2-10d
SHEDDING BALL BEARINGS - 1x6 JOIST	2-8d MIN.
CROSS BRIDGING - TOE NAILS EA. END	2-8d
WORKING BONE BLOCKING - TOE NAIL EA. END	2-10d
CEILING STRIPS:	
AT WOOD JOIST - 1 1/2" x 2"	
AT STEEL JOIST 2x3	2-10d
RIBBONS TO STUDS (1" RIBBONS)	2-8d
DOUBLE TOP PLATES:	
LOWER PLATE TO TOP OF STUD	3-20d
UPPER PLATE TO LOWER PLATE - STAGGERED	16d @ 12"
MULTIPLE STUDS - STAGGER FOR WIDTH MORE THAN 4"	16d @ 12"
GUILT UP BEAMS - 8" OR LESS IN DEPTH - STAGGERED	16d @ 12"
MORE THAN 8" DEEP - STAGGERED	2-8d @ 12"

* ALL NAILS SHALL BE COMMON WIRE NAILS.
 * THIS SCHEDULE COVERS MIN. PERMISSIBLE.
 REFER TO DETAILS FOR SPECIAL NAILING.
 FOR DIAG. SHEATHING TO BEARINGS TOE NAILS EA. SIDE FOR PLYWOOD PANEL NAILING REFER TO

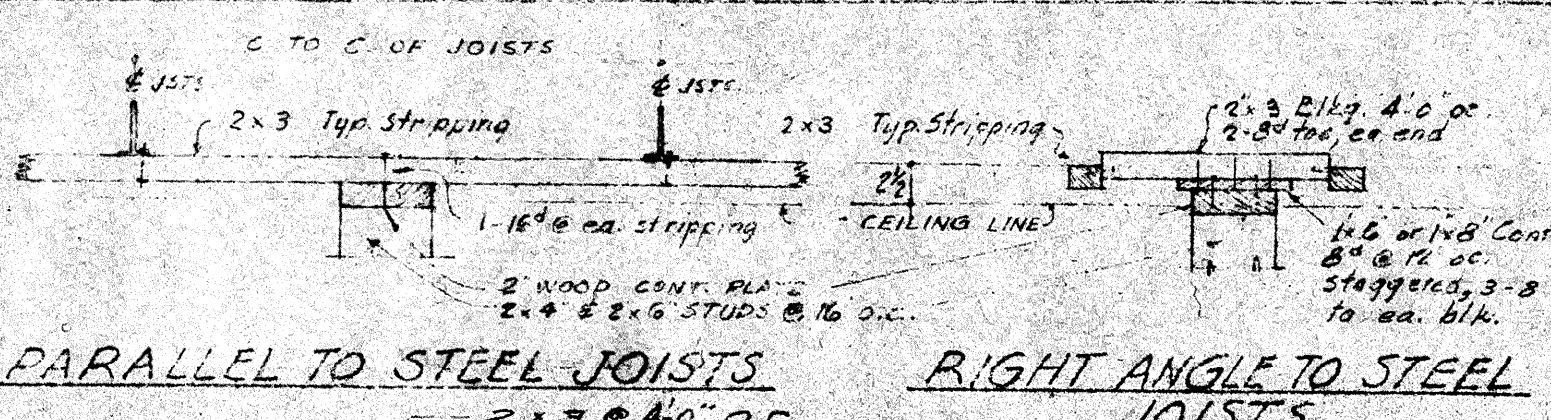
LINTEL SCHEDULE

BEARING WALLS	NON BEARING WALLS
OPENING WIDTH LINTEL SIZE	OPENING WIDTH LINTEL SIZE
3'-6" & LESS	2-2x4
4'-0" TO 6'-6"	2-2x6"

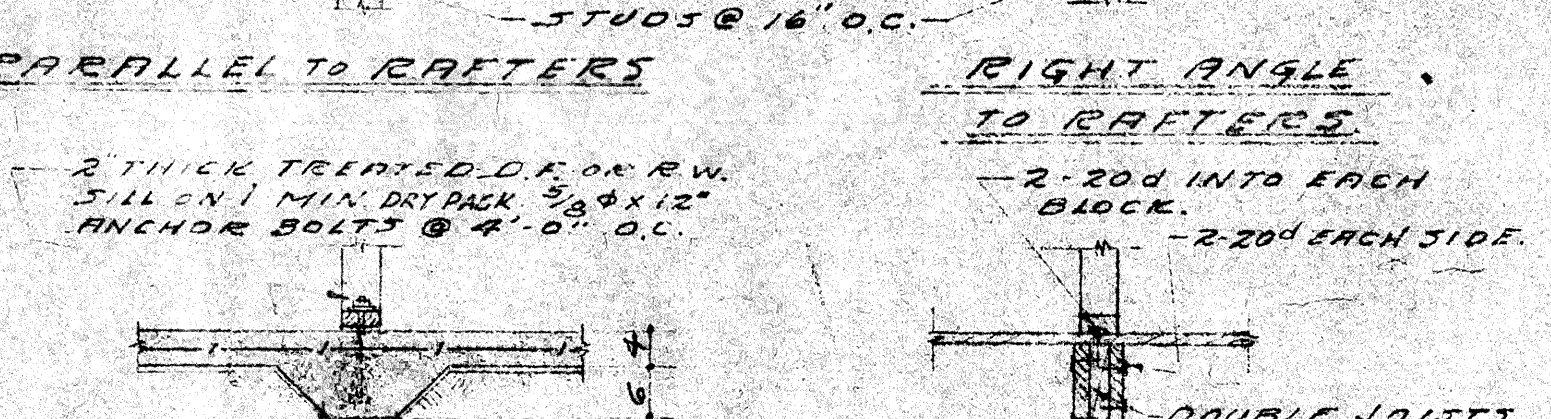
REFER TO DETAILS FOR SPECIAL LINTELS.

WASHER SCHEDULE

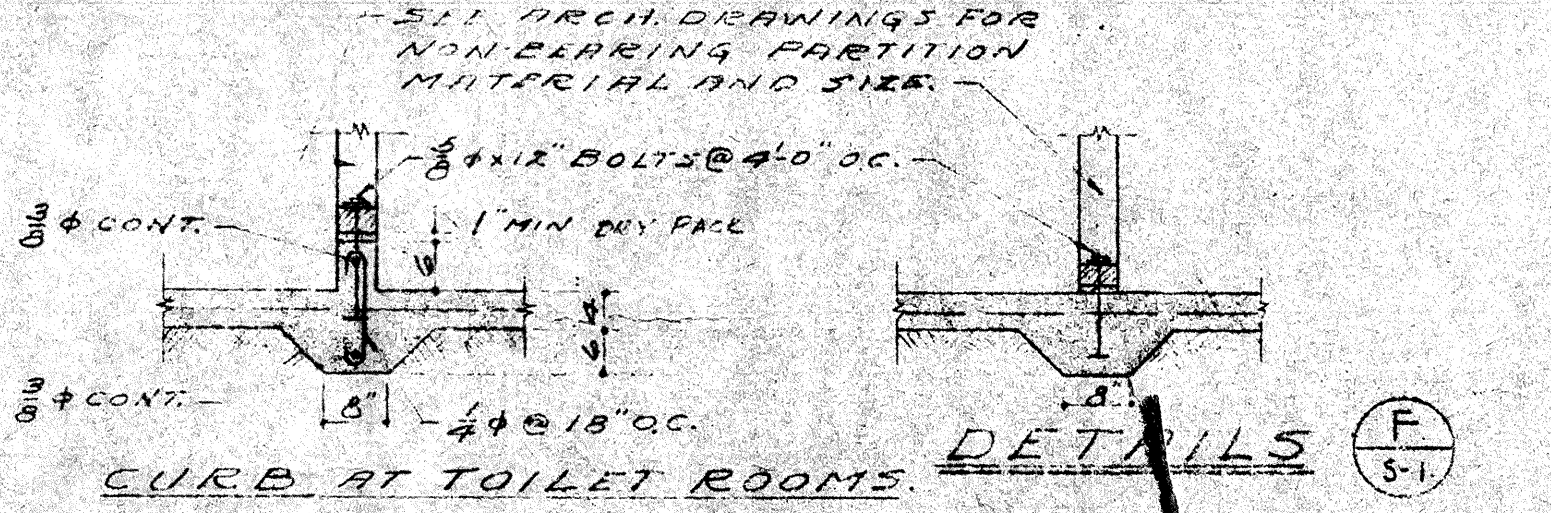
BOLT DIAM.	ROUND WASHER DIAM. M.I.	SQUARE WASHER OR CUT STEEL SIZE & THICKNESS.
1/2"	2 1/2 x 1/4	2 1/2 x 1/4
3/8"	2 3/4 x 1/4	2 1/2 x 1/4
3/4"	3 x 1/4	2 3/4 x 1/4



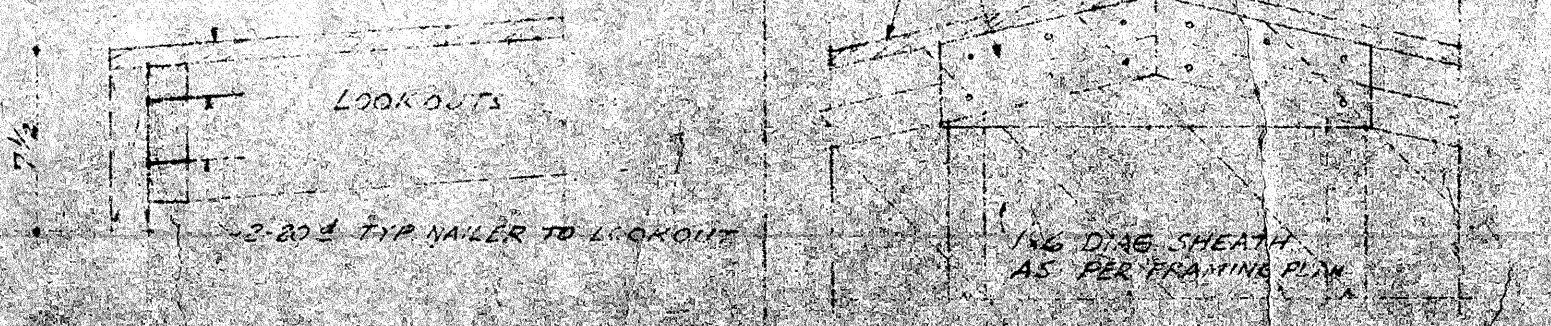
PARALLEL TO STEEL JOISTS. RIGHT ANGLE TO STEEL JOISTS.



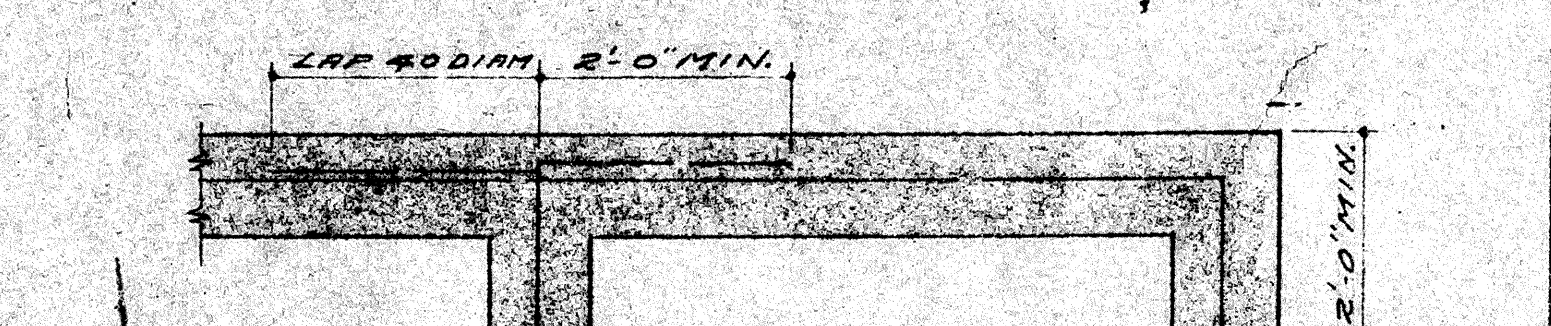
PARALLEL TO RAFTERS. RIGHT ANGLE TO RAFTERS.



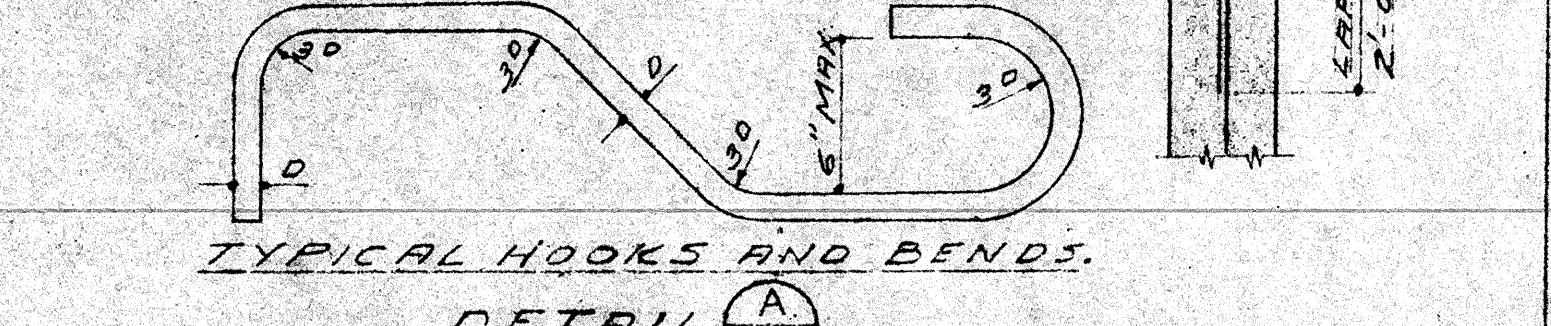
CURB AT TOILET ROOMS. NON-BEARING PARTITION ON SLAB. DETAIL (F)



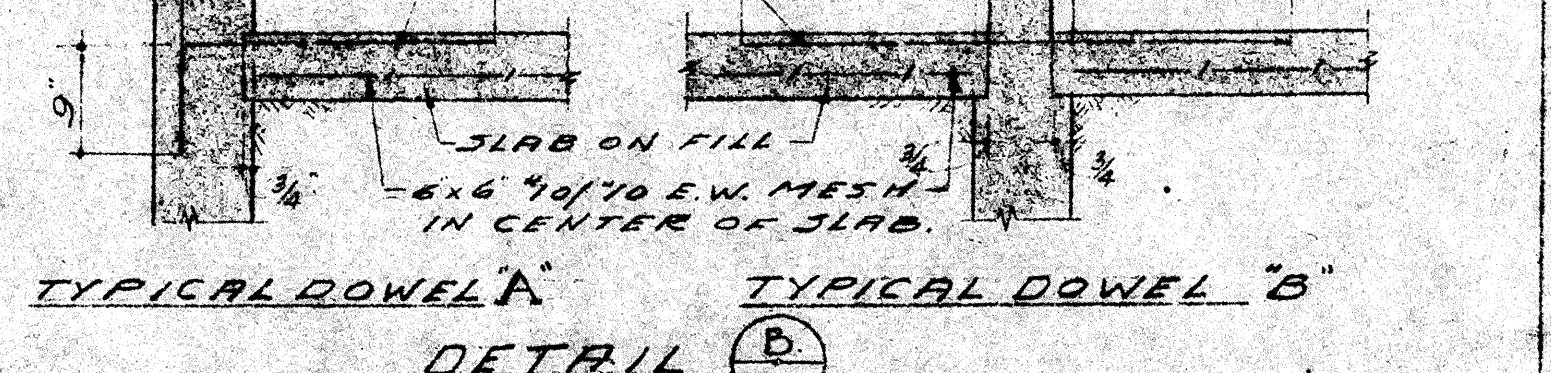
TOP NAILING OF NAILER TO LOOKOUTS. DETAIL (P). PLATE SPLICE CROSS WALLS & RIDGE. DETAIL (Q)



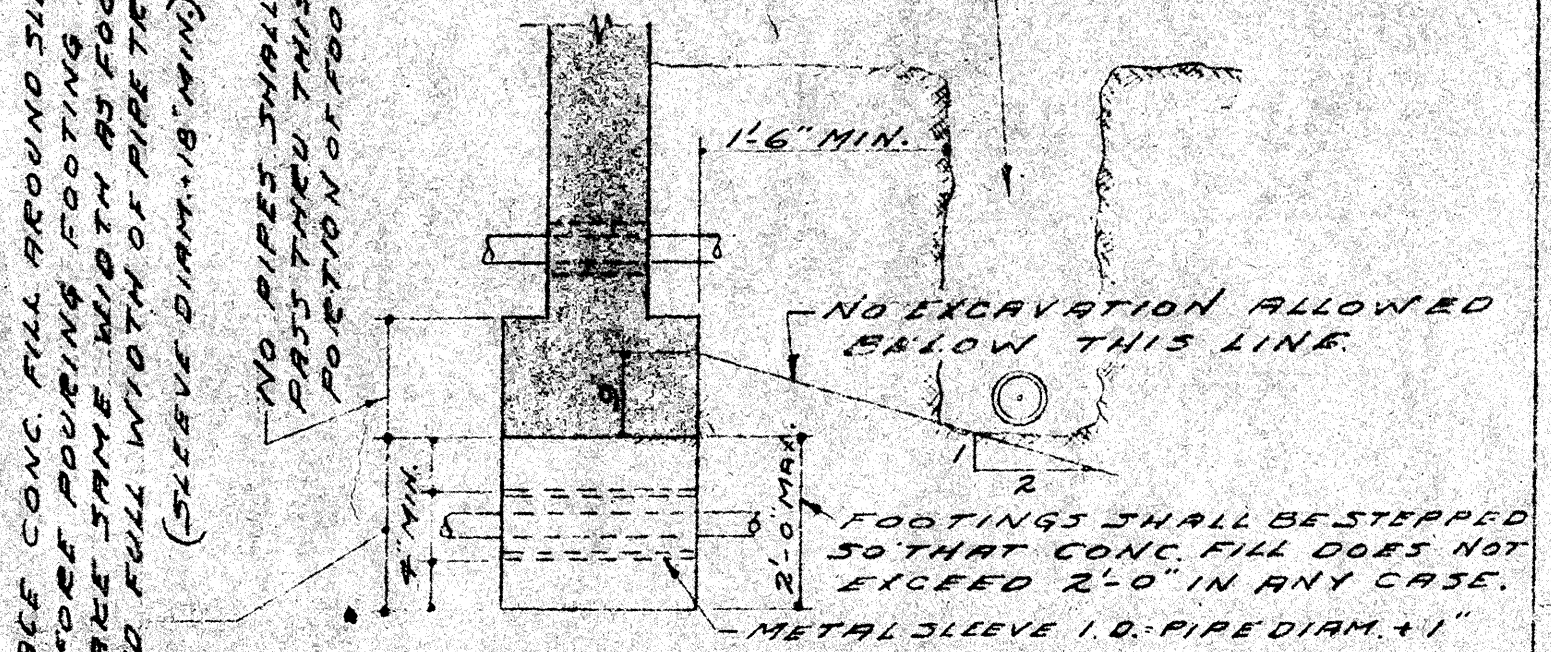
REINFORCING IN WALLS AND FOOTING PADS AT CORNERS AND INTERSECTION.



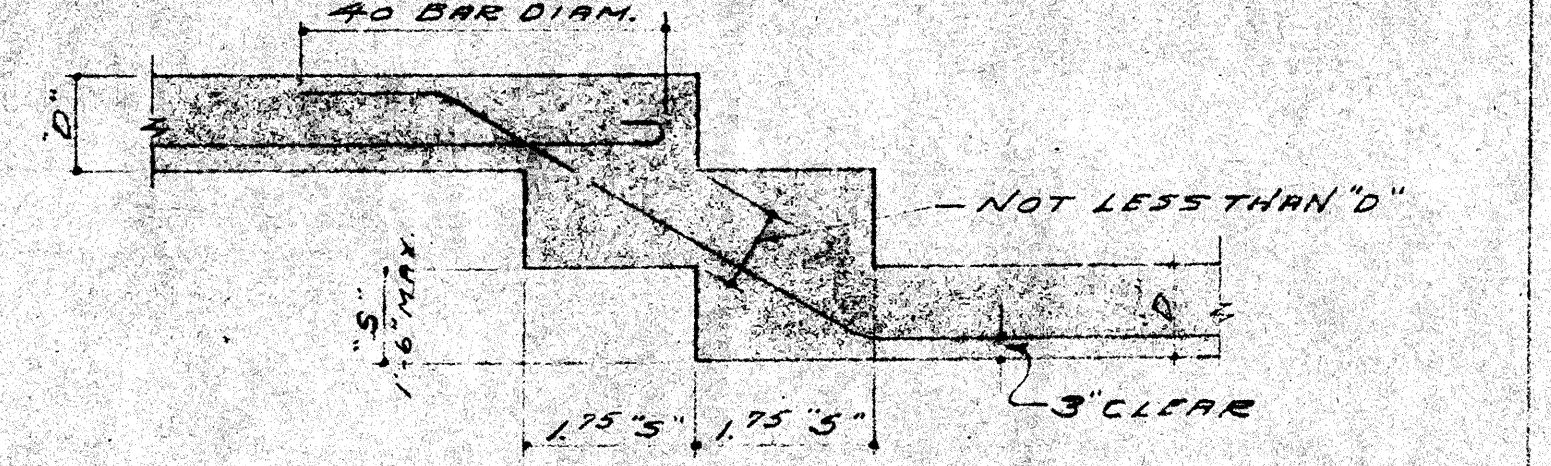
TYPICAL HOOKS AND BENDS. DETAIL (A)



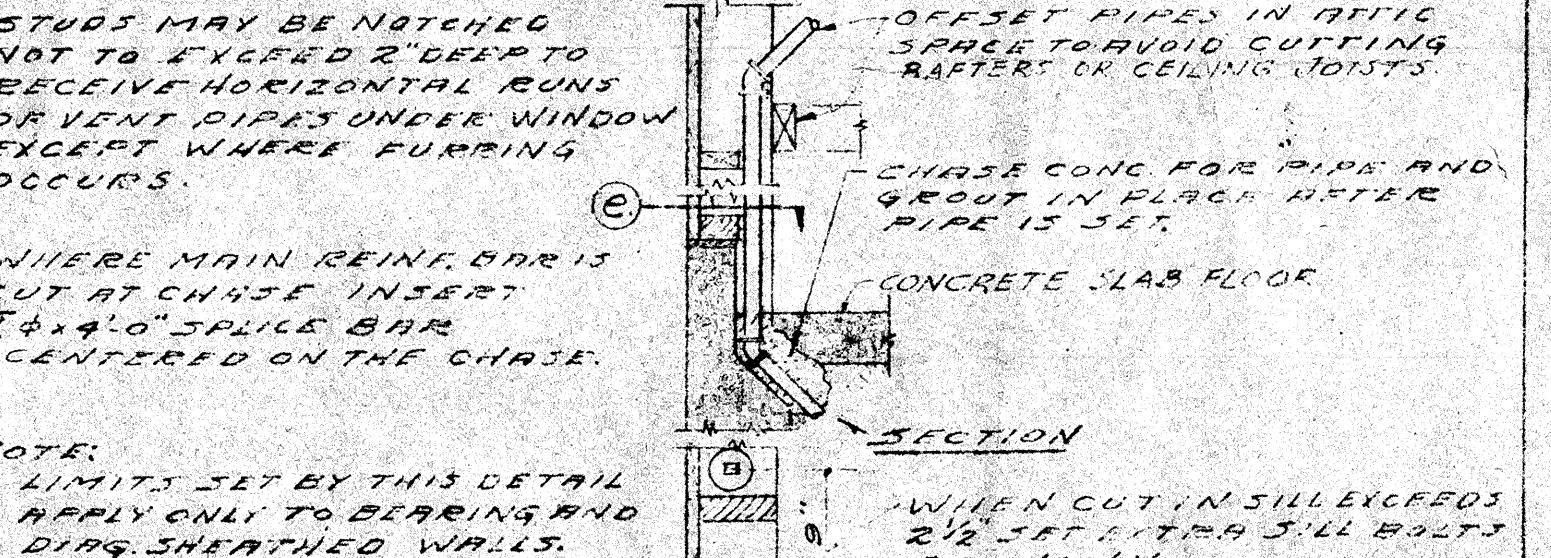
TYPICAL DOWEL "A". TYPICAL DOWEL "B". DETAIL (B)



PIPE AND TRENCH LOCATION. DETAIL (C)



FOOTING STEP. DETAIL (D)



PIPES IN STUD WALL. DETAIL (E)

GENERAL NOTES

- REINFORCED CONCRETE:**
- SOIL SUPPORTING FOOTING IS SANDY LOAM.
 - SOIL BEARING VALUE USED IN DESIGN ASSUMED TO BE 1500 P.S.F.
 - FOOTING SHALL EXTEND AT LEAST 1'-6" INTO NATURAL UNDISTURBED SOIL 1'-6" BELOW FINISH GRADE AND DEEPER WHERE INDICATED.
 - ALL CONCRETE SHALL HAVE A MIN. COMPRESSIVE STRENGTH OF 2000 P.S.F. @ 28 DAYS.
 - NO BRICK OR POROUS MATERIAL SHALL BE USED TO SUPPORT FOOTING STEEL OFF GROUND.
 - ANCHOR BOLTS AND DOWELS SHALL BE SECURELY PLACED BEFORE CONCRETE IS PLACED.
 - SPLICES IN REIN. STEEL SHALL LAP 40 BAR DIAM. MIN. UNLESS OTHERWISE NOTED. SEPARATE BARS 2x DIAM. O.C. AT ALL LAPS. (1/2" CLEAR MIN.)
 - REINFORCING STEEL SHALL HAVE THE MIN. PROTECTIVE CONCRETE COVERING INDICATED BY DIMENSIONS IN DETAILS.
 - FOOTING BARS SHALL BE 3" BELOW FINISH GRADE.
 - SLABS ON FILL OTHER THAN WALKS SHALL BE REIN. WITH 6# @ 18" O.C. MIN. (ELEC. WELDED WIRE FABRIC) PLACED IN CENTER OF SLAB.
 - DOWEL JOISTS TO WALLS AS PER TYP. DETAILS.
 - SEE ARCH. AND/OR MECH. DRAWINGS FOR LOCATION OF PIPE, VENT DUCT AND OTHER SIMILAR OPENINGS. ALL WALLS SHALL BE DOVELED TO SUPPORTING FOOTING. BEARINGS ON SLABS WITH BARS OF THE SAME SIZE AND SPACING AS VERTICAL BARS IN WALLS.
 - ANCHORAGE OF DOWELS SHALL BE EQUIVALENT TO BAR SPLICE.
 - IF NOT PROVIDED FOR IN DETAILS, WALL FOOTINGS SHALL BE 10" DEEP AND 12" IN WIDTH REIN. AS PER TYP. DETAILS.
 - ONE 1/2" CONT. BARS SHALL BE PLACED AT TOP AND BOTTOM OF ALL WALLS AND 1/2" BELOW TOP OF SLABS AT FLOOR LINE UNLESS OTHERWISE NOTED.

- STRUCTURAL STEEL:**
- ALL SHOP CONNECTIONS SHALL BE RIVETED OR WELDED.
 - ALL FIELD CONNECTIONS SHALL BE BOLTED. SEE NOTE MINOR RIVETS SHALL BE BOLTED UNLESS OTHERWISE NOTED.
 - WHEN STRESSES ARE NOT GIVEN OR DETAILS NOT SHOWN, DESIGN CONNECTIONS FOR MEMBERS CARRYING DIRECT LOADS OR CARRYING STRAIGHT ON THE MEMBERS SHALL BE BOLTED CONNECTIONS OR CONNECTIONS OF EQUAL STRENGTH SHALL BE USED FOR ALL BEAM CONNECTIONS NOT SHOWN.
 - BASE PLATES SHALL BE BEDDED ON DRY PACK 6" MIN. THICKNESS UNLESS NOTED OTHERWISE.
 - ALL STRUCTURAL STEEL SHALL CONFORM TO THE LATEST A.S.T.M. SPECIFICATIONS AS NOTED IN DETAILS.
 - ALL WELDING SHALL BE DONE BY THE SELECTIVE SHIELDED ARC PROCESS. ALL DEFECTIVE WELDS OR UNDESIRABLE FRACTURES SHALL BE CUT OUT AND REWELDED PROVIDE STITCH RIVETS IN ALL J.W. MEMBERS.

- TIMBER:**
- ALL FRAMING LUMBER TO BE GRADE MARKED.
 - DOUGLAS FIR, SEE SPECIFICATIONS.
 - NO STRUCTURAL MEMBERS SHALL BE CUT FOR HOLES FOR BOLTS SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAM. AS BOLT.
 - DETAILS SHALL BE TO BE BORED WITH A BIT OF THE SAME NOMINAL DIAM. AS BOLT. BOLT SHALL BE 1/4" O.C. UNLESS NOTED OTHERWISE. BOLT WITHIN 1" OF END OF ANY SILL PIECE. SEE DETAILS FOR PLYWOOD PANELS AND SPECIAL BRACING.
 - STUDS SHALL BE SPACED @ 16" O.C. MAX. AND OF THE SIZE SHOWN ON BEAMS.
 - CEILING JOISTS IN UNJOISTED SPACINGS SHALL BE FRAMED WITH DOUBLE JOISTS OR RAFTERS OF FULL LENGTH.
 - SOLID BLOCKING (NOMINAL) SHALL BE PLACED BETWEEN RAFTERS AT ALL SUPPORTS.
 - WOODWORK BEARING NOT LESS THAN 2x3 NOMINAL BOLT @ 4" O.C. UNLESS NOTED OTHERWISE. BOLT SHALL BE 1/4" O.C. UNLESS NOTED OTHERWISE. BOLT WITHIN 1" OF END OF ANY SILL PIECE. SEE DETAILS FOR PLYWOOD PANELS AND SPECIAL BRACING.
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- BRICK VENEER:**
- SEE SPECIFICATIONS FOR BRICK AND MORTAR.



LEGEND:

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STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ARCHITECTURE

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