

NOTE:
ALL NAILS SHALL BE BOX NAILS UNLESS OTHERWISE NOTED

CONNECTION	NAILING ¹
1. JOIST TO SILL OR GIRDER, TOENAIL	3-8d
2. BRIDGING TO JOIST, TOENAIL EACH END	2-8d
3. 1"x6" SUBFLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8d
4. WIDER THAN 1"x6" SUBFLOOR TO EACH JOIST, FACE NAIL	3-8d
5. 2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16d
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	16d AT 16" OC
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED WALL PANELS	3-16d PER 16"
8. TOP PLATE TO STUD, END NAIL	2-16d
9. STUD TO SOLE PLATE	4-8d, TOENAIL OR 2-16d, END NAIL
10. DOUBLE STUDS, FACE NAIL	16d AT 24" OC
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	16d AT 16" OC
12. DOUBLE TOP PLATES, LAP SPLICE	8-16d
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	3-8d
14. RIM JOIST TO TOP PLATE, TOENAIL	8d AT 6" OC
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	2-16d
16. CONTINUOUS HEADER, TWO PIECES	16d AT 16" OC ALONG EACH EDGE
17. CEILING JOIST TO PLATE, TOENAIL	3-8d
18. CONTINUOUS HEADER TO STUD, TOENAIL	4-8d
19. CEILING JOISTS, LAPS OVER PARTITIONS, FACE NAIL	3-16d
20. CEILING JOISTS, TO PARALLEL RAFTERS, FACE NAIL	3-16d
21. RAFTER TO PLATE, TOENAIL	3-8d
22. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8d
23. 1"x8" OR LESS SHEATHING TO EACH BEARING, FACE NAIL	2-8d
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	3-8d
25. BUILT-UP CORNER STUDS	16d AT 24" OC
26. BUILT-UP GIRDER AND BEAMS	20d AT 32" OC AT TOP AND BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE
27. 2" PLANKS	2-16d AT EACH BEARING
28. WOOD STRUCTURAL PANELS AND PARTICLEBOARD ² : SUBFLOOR AND WALL SHEATHING (TO FRAMING): 1/2" AND LESS 19/32"-3/4" 7/8"-1" 1 1/8"-1 1/4"	8d ³ OR 6d ³ 8d ³ 8d ³ 10d ⁴ OR 8d ⁵
COMBINATION SUBFLOOR-UNDERLAYMENT (TO FRAMING) 3/4" AND LESS 7/8"-1" 1 1/8"-1 1/4"	6d ⁵ 8d ⁵ 10d ⁴ OR 8d ⁵
29. PANEL SIDING (TO FRAMING) ² : 1/2" OR LESS 5/8"	6d ⁶ 8d ⁶
30. FIBERBOARD SHEATHING: ⁷ 1/2"	NO. 11 GA. 8 6d ⁷ NO. 16 GA. 3 NO. 11 GA. 8 8d ⁴ NO. 16 GA. 9
31. INTERIOR PANELING 1/4" 3/8"	4d ¹⁰ 6d ¹¹

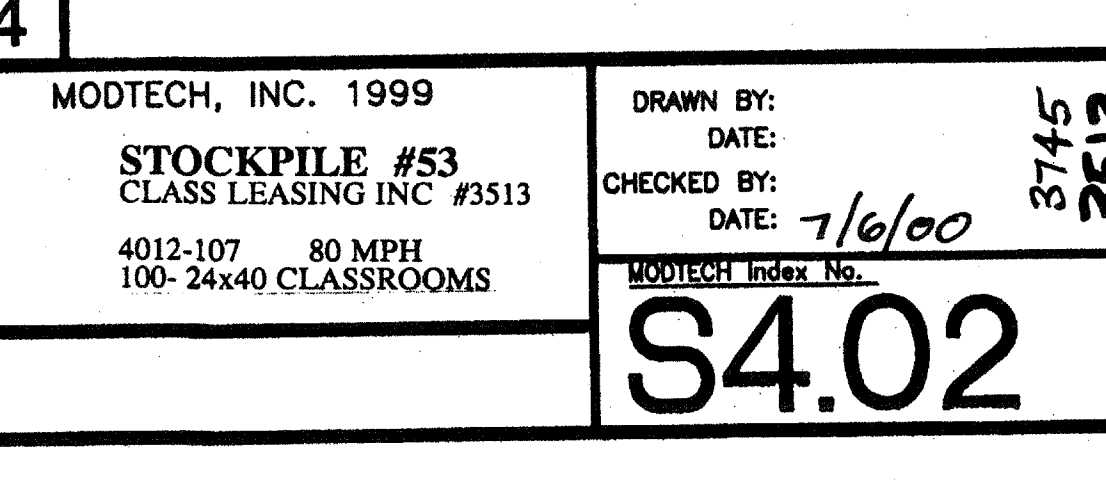
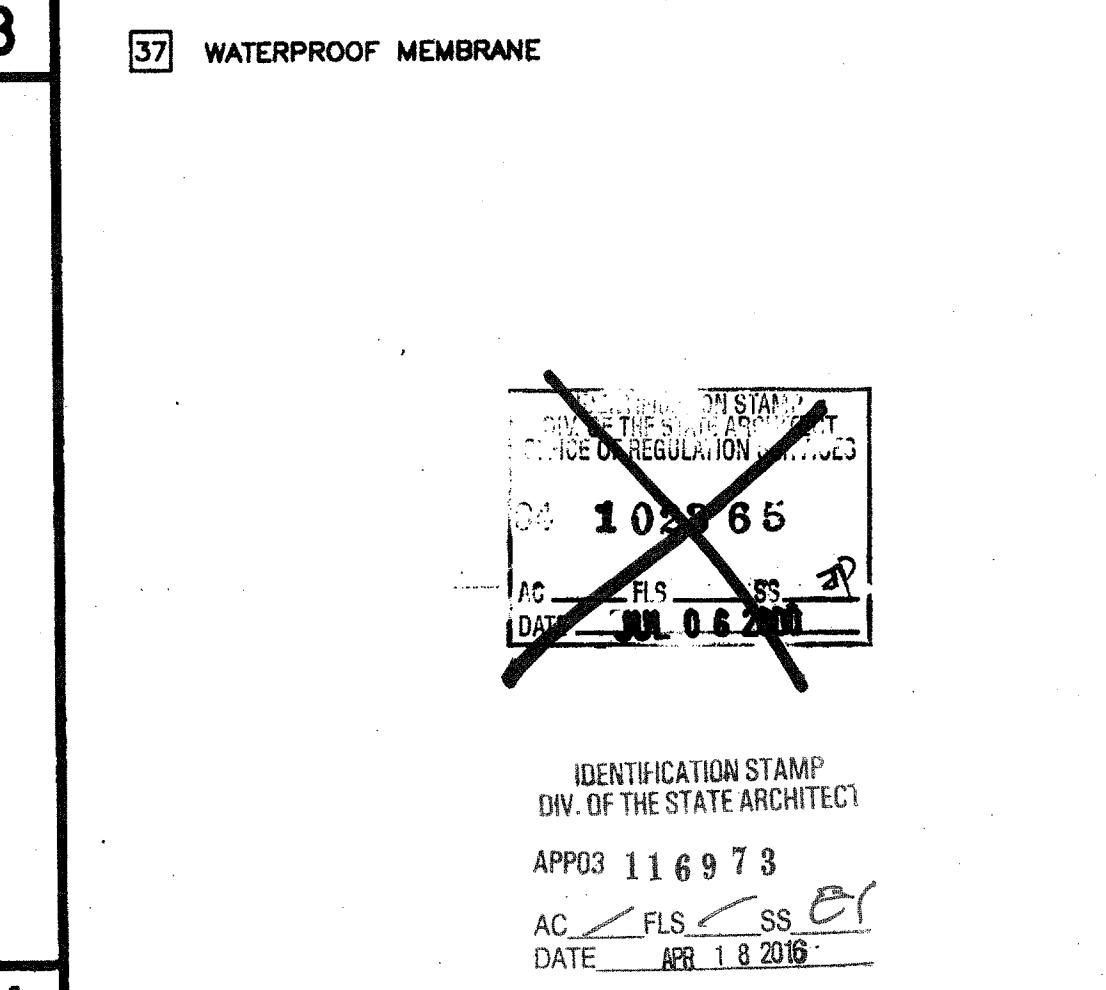
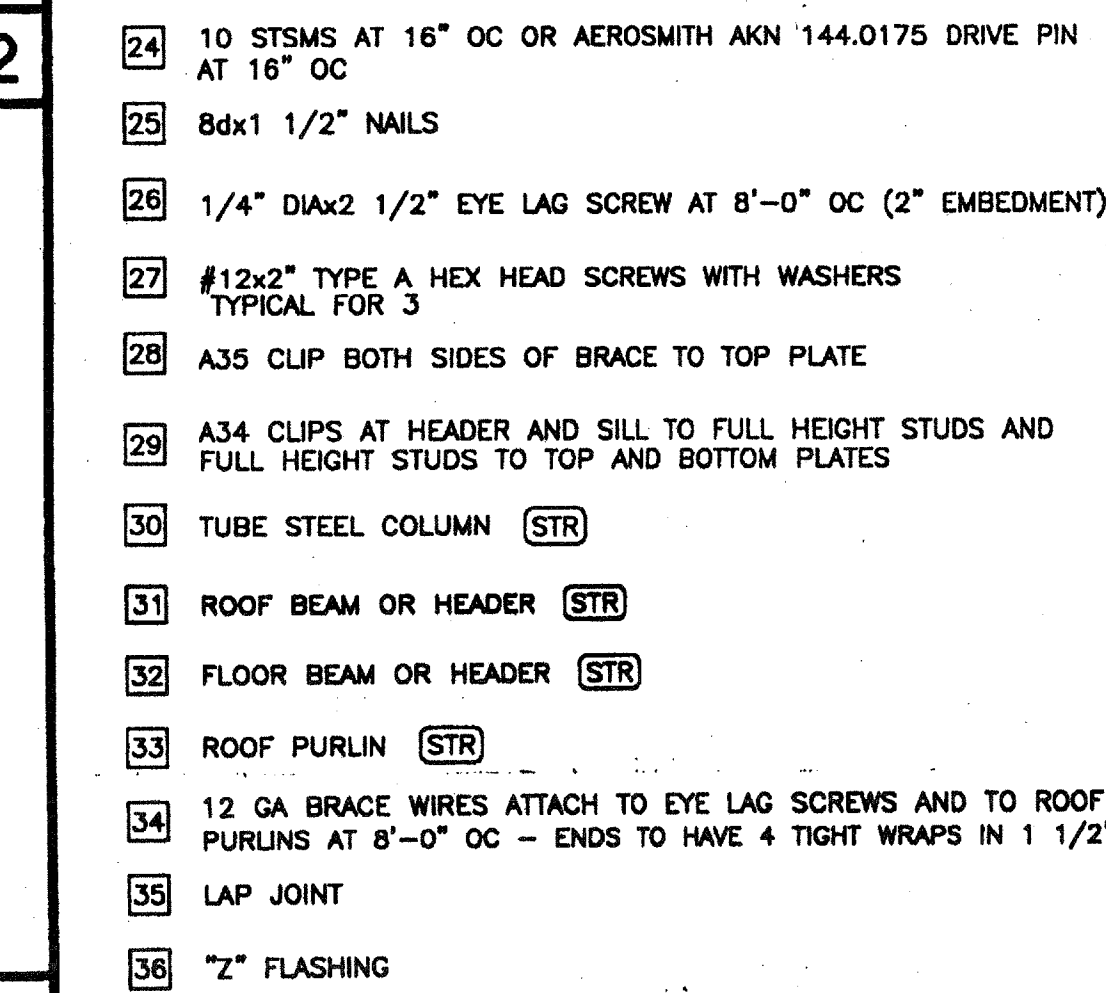
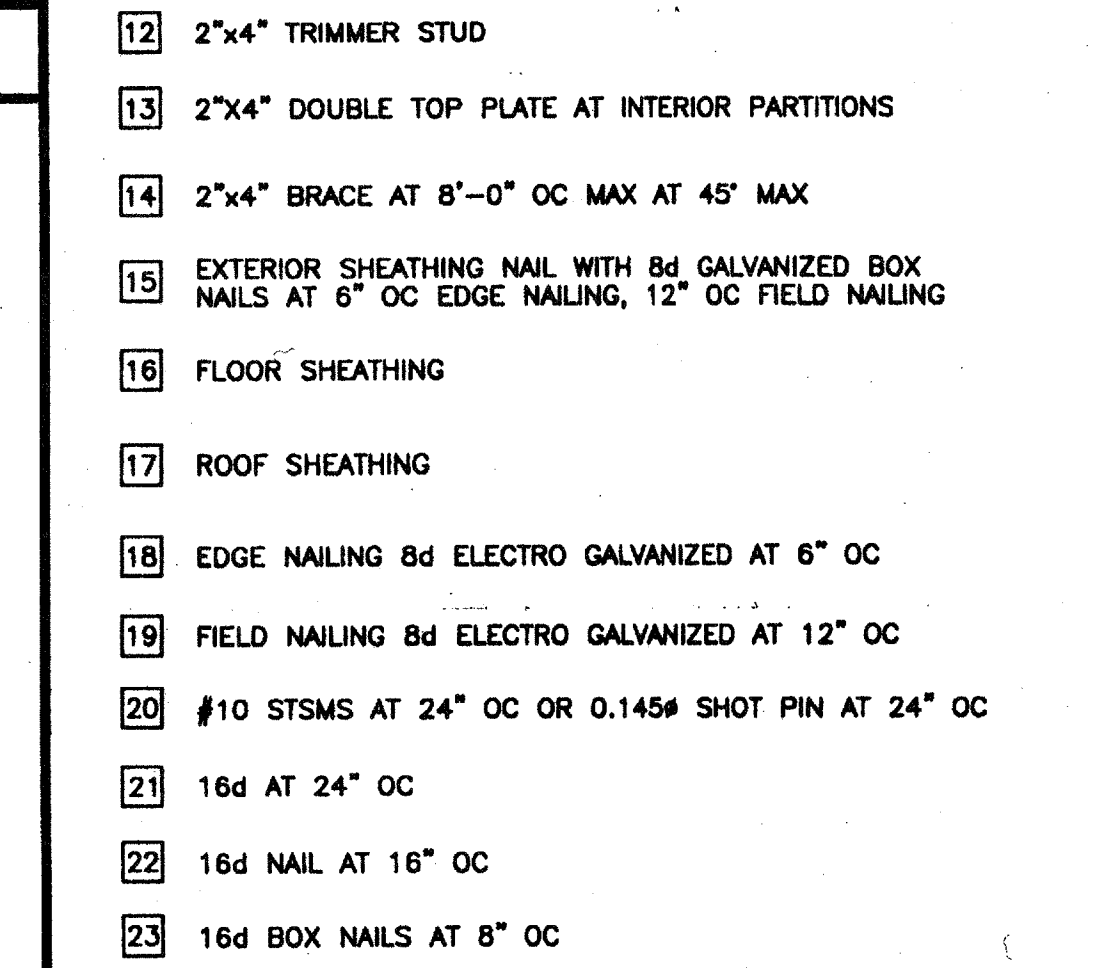
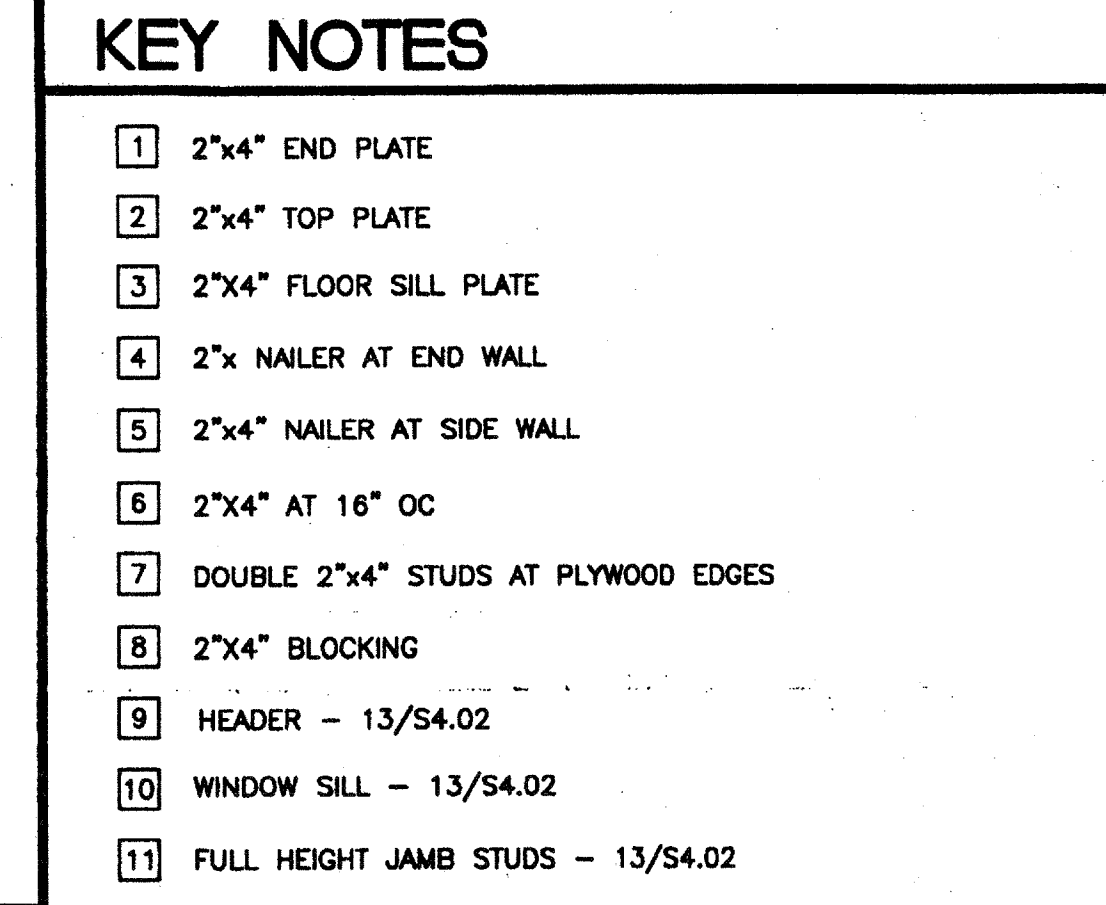
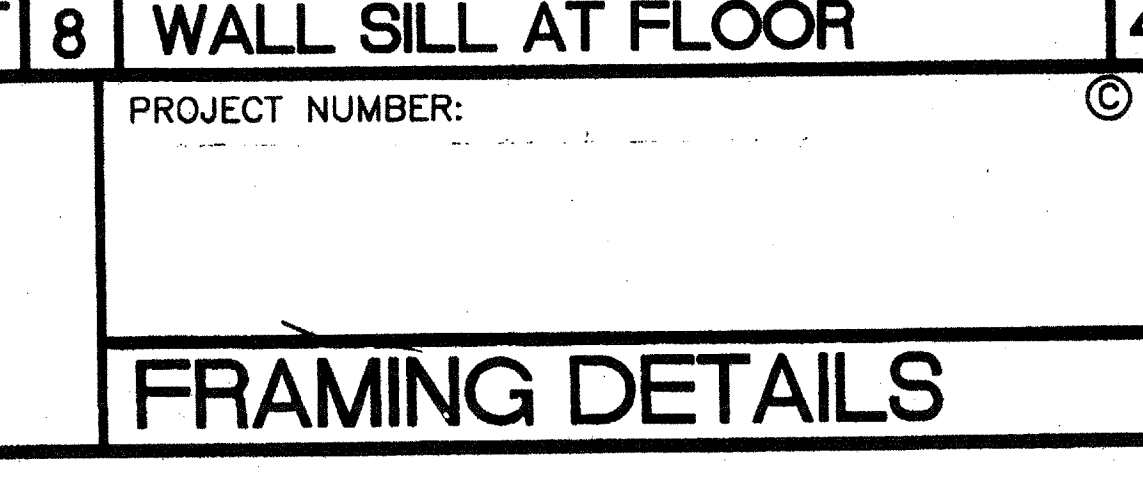
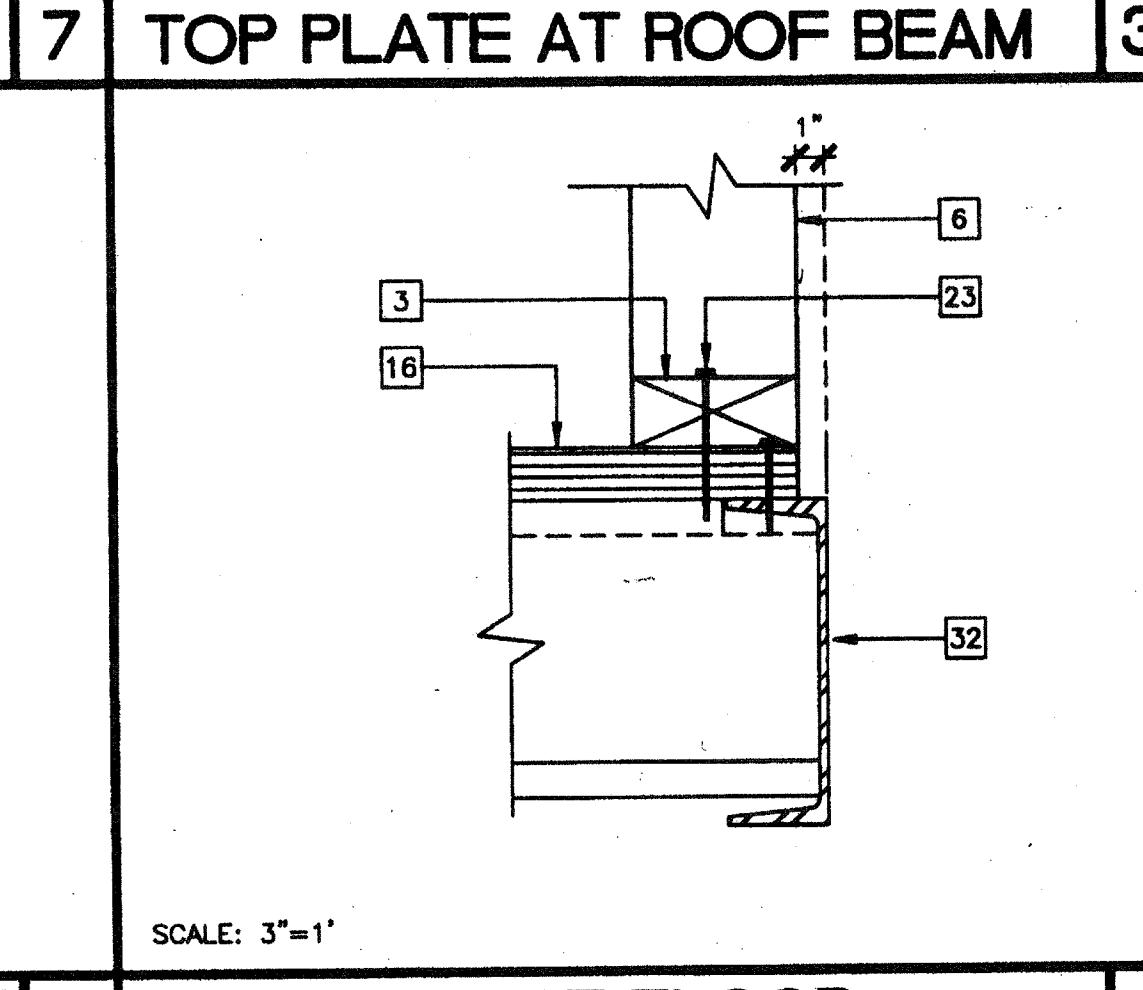
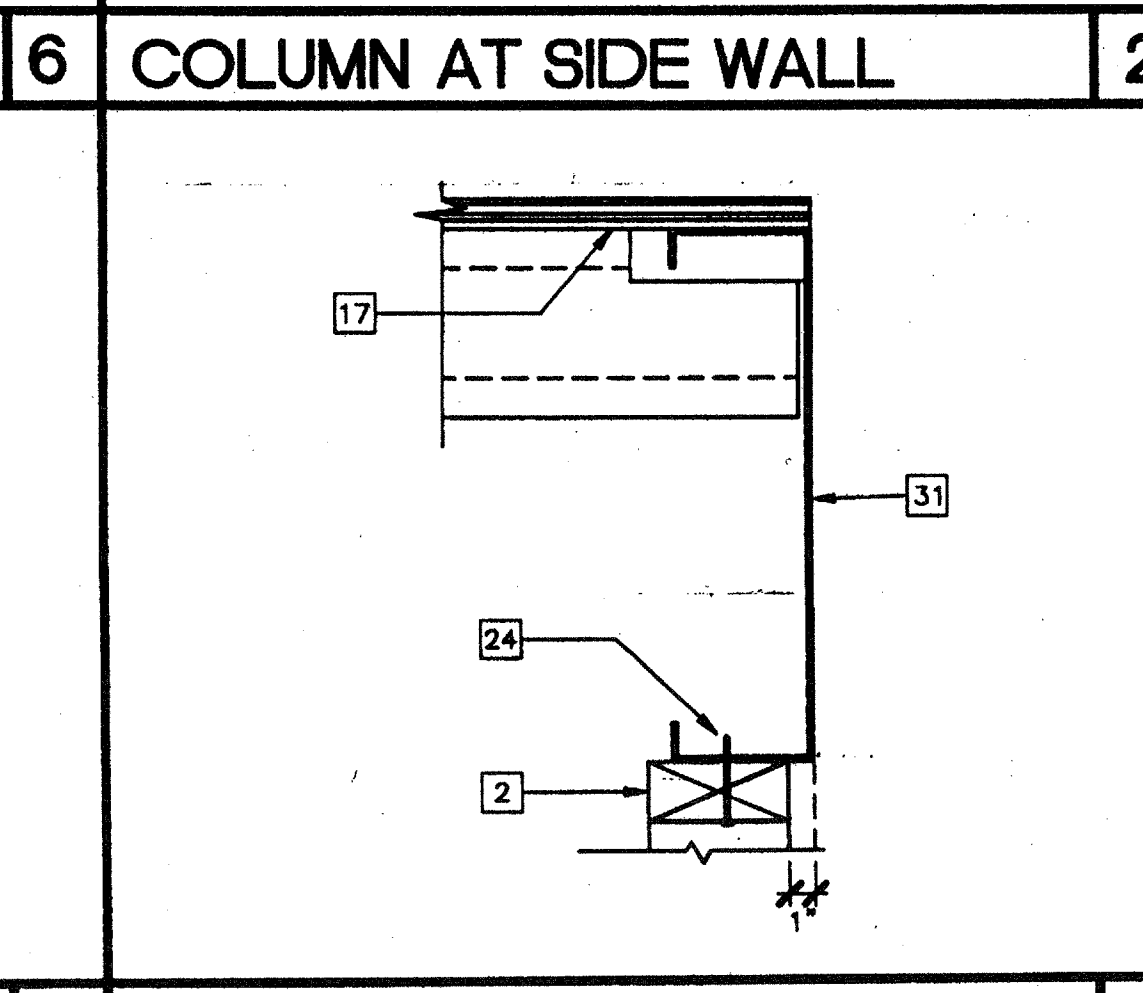
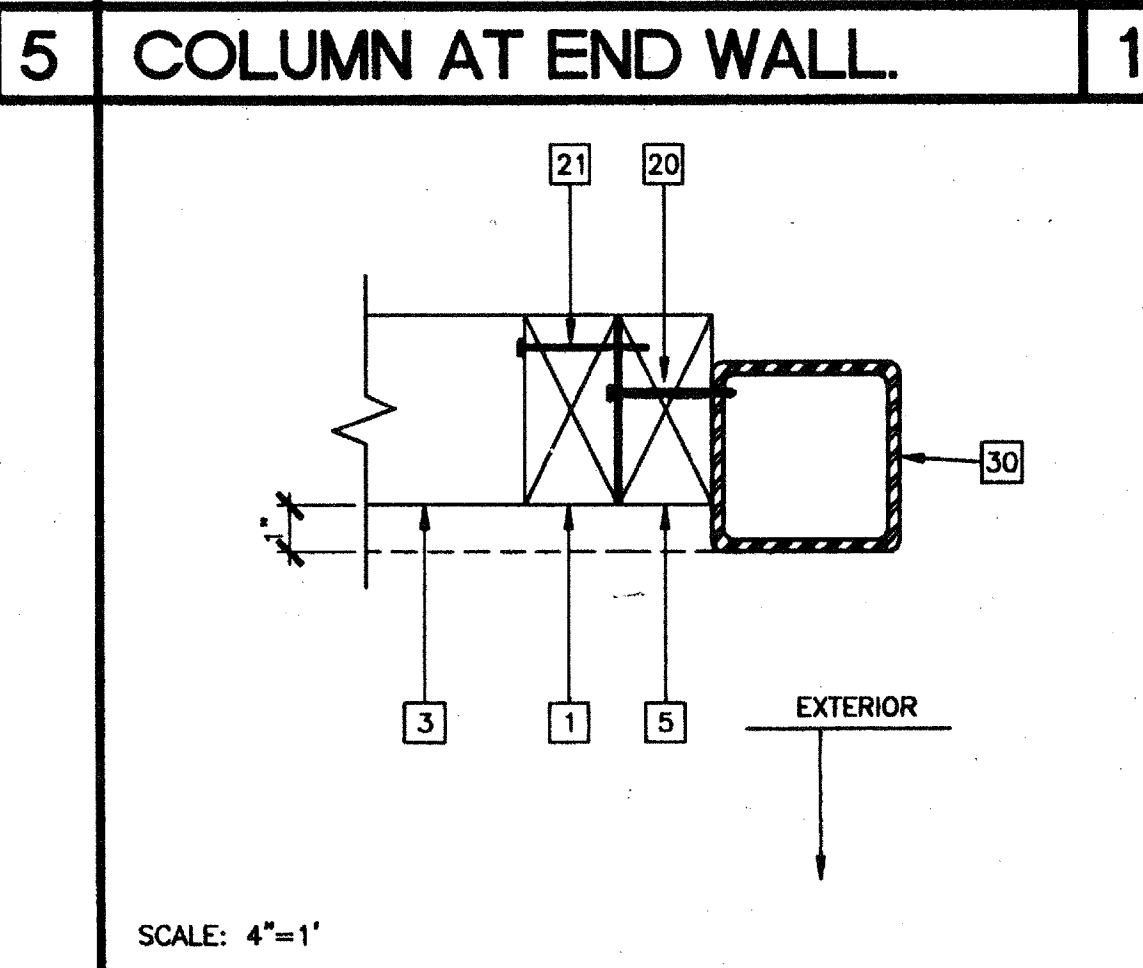
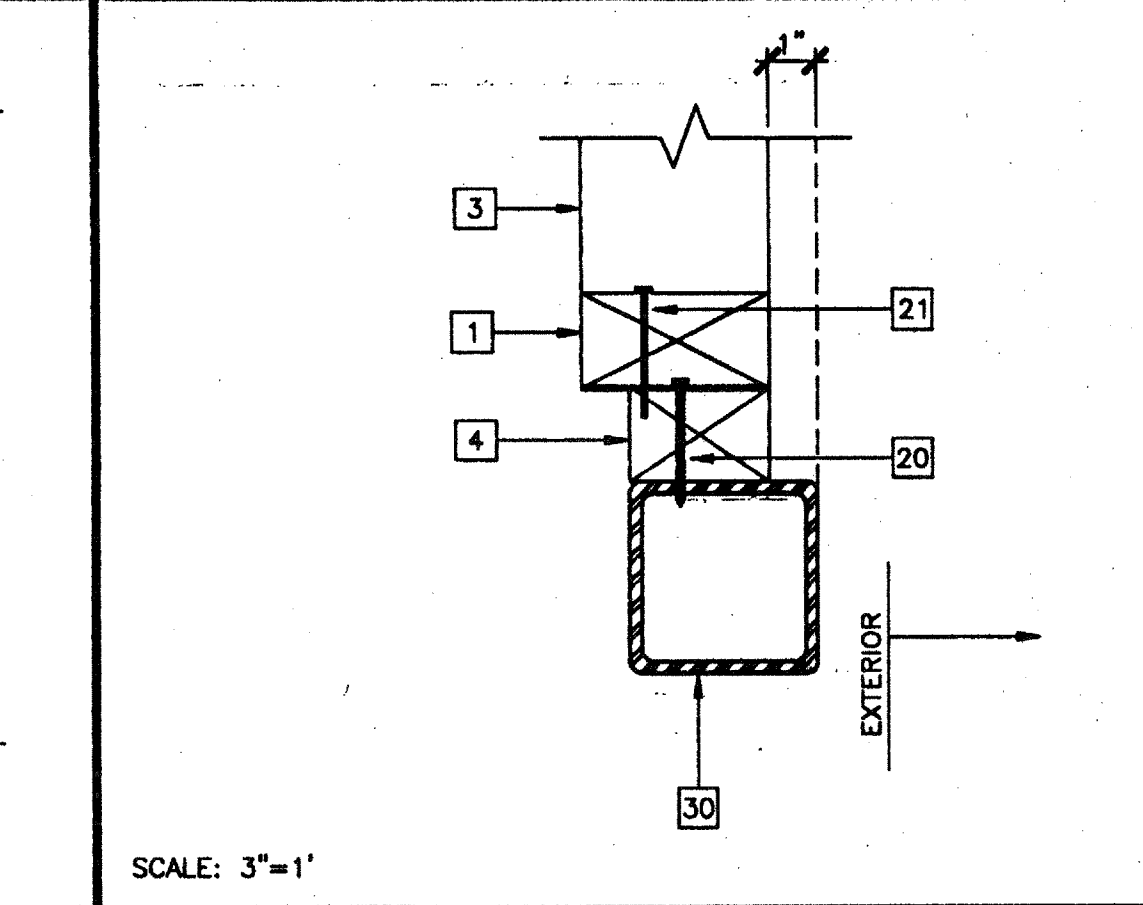
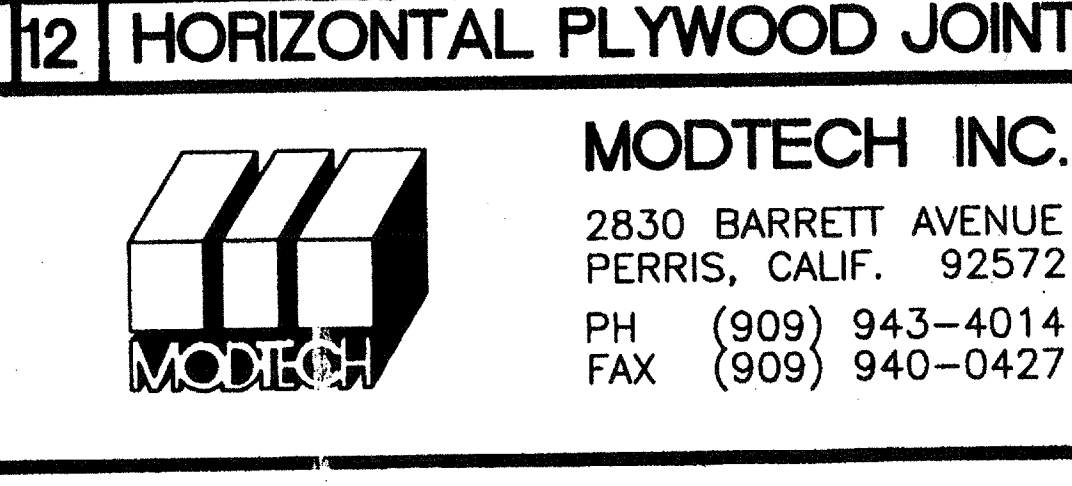
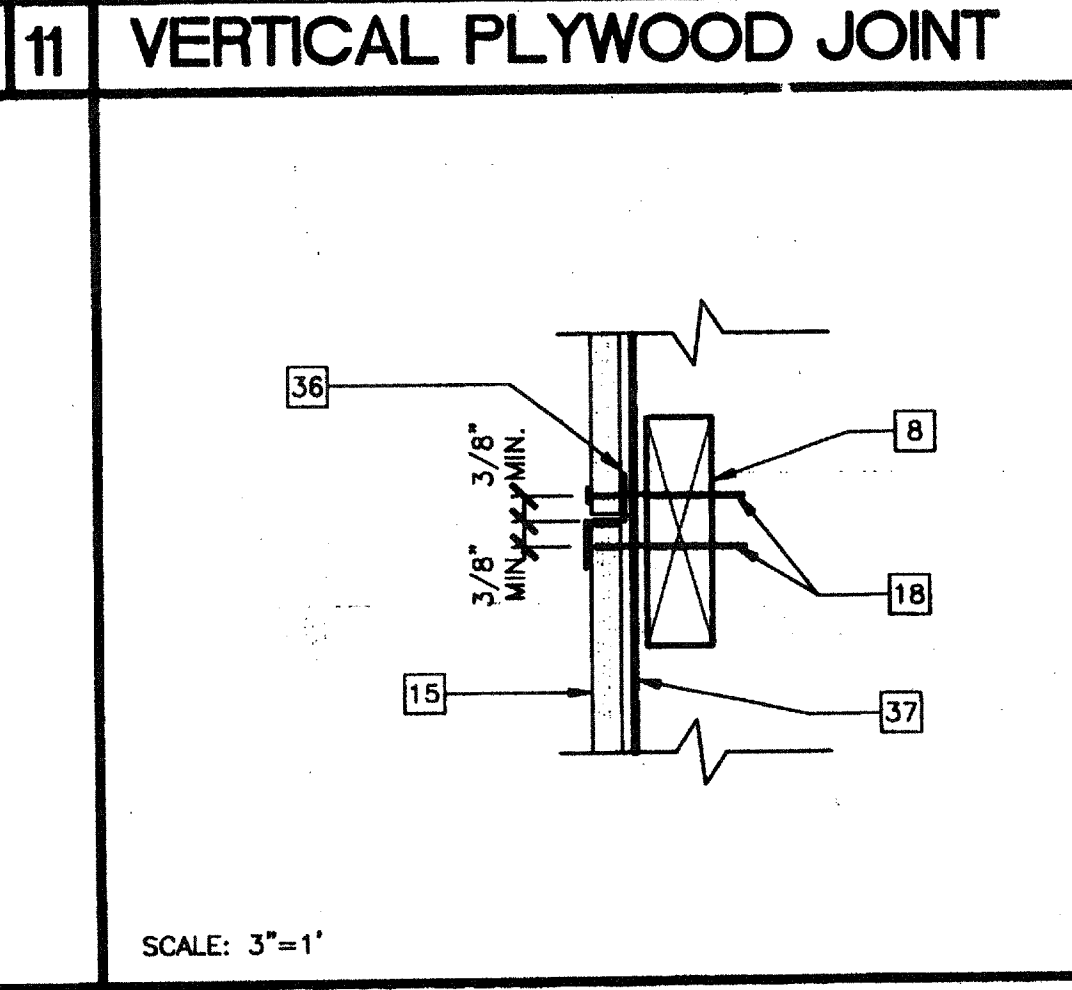
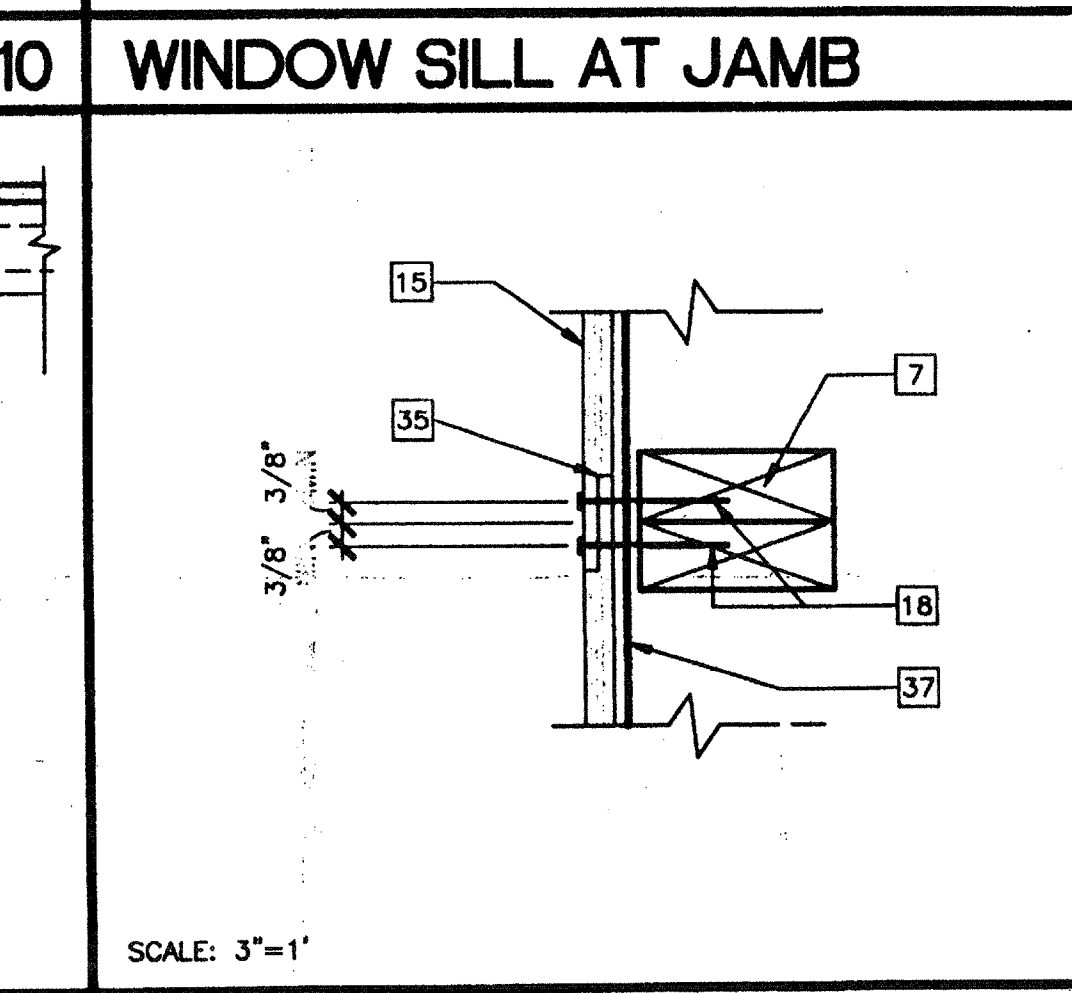
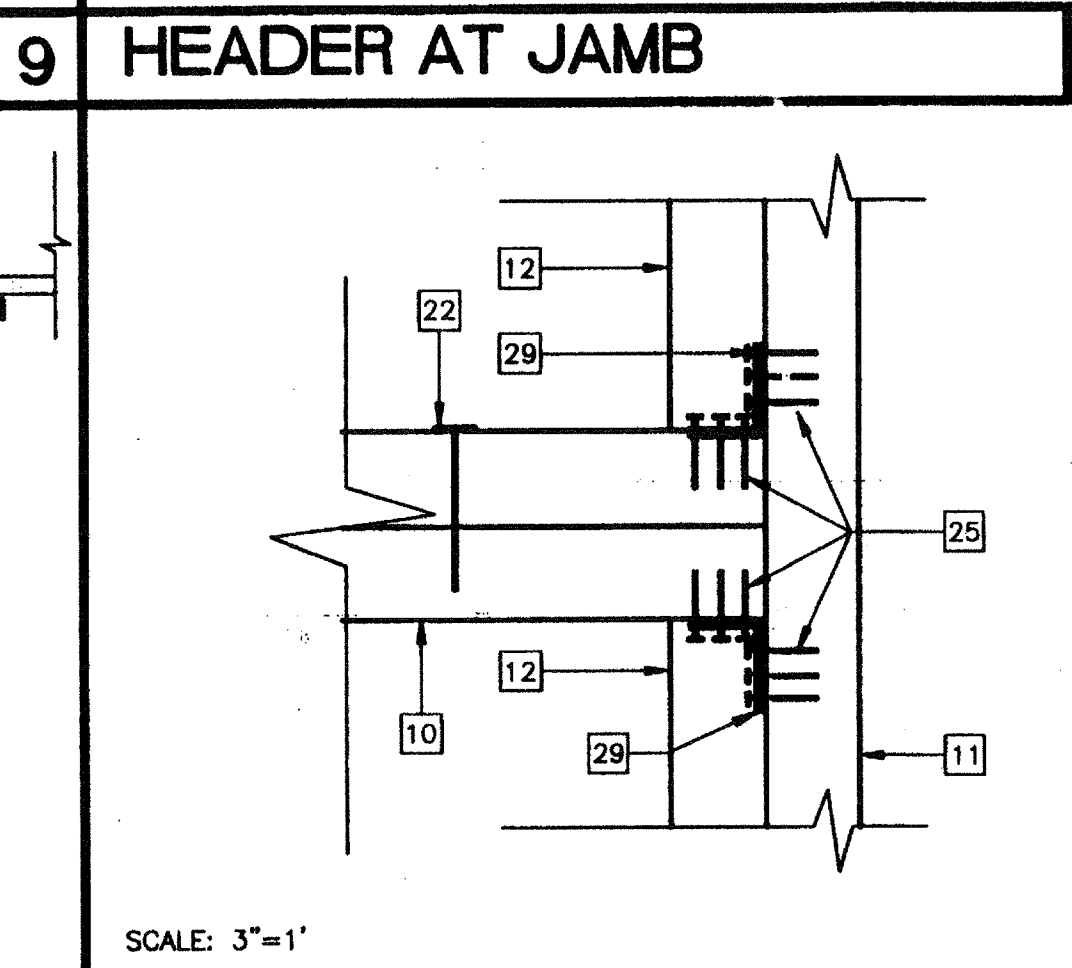
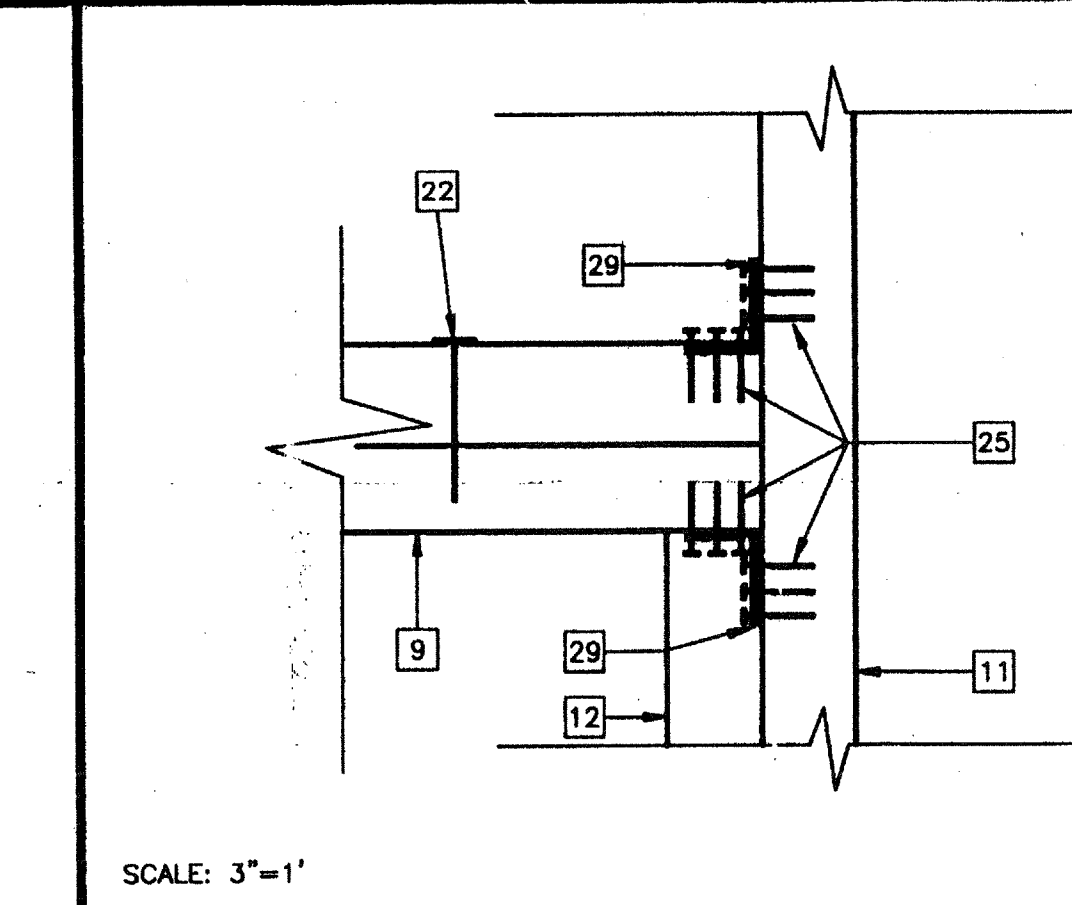
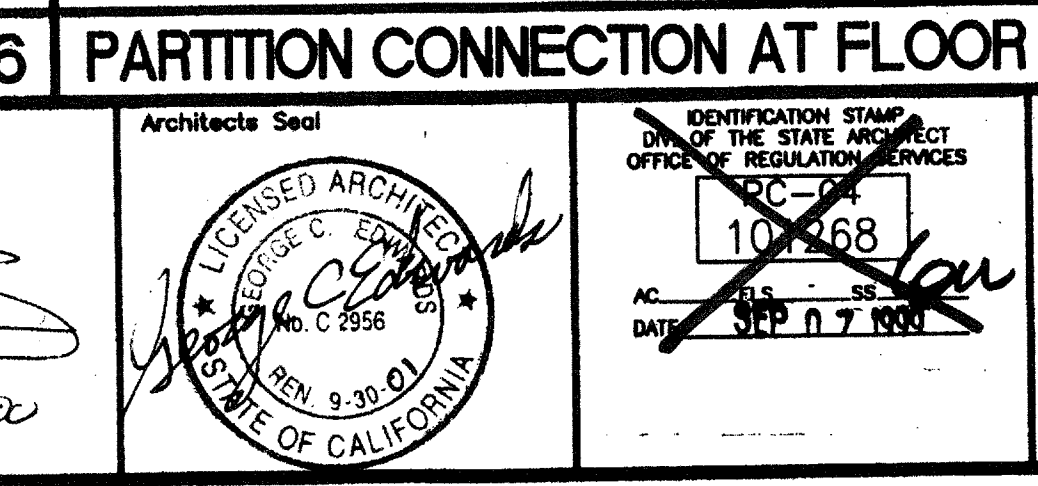
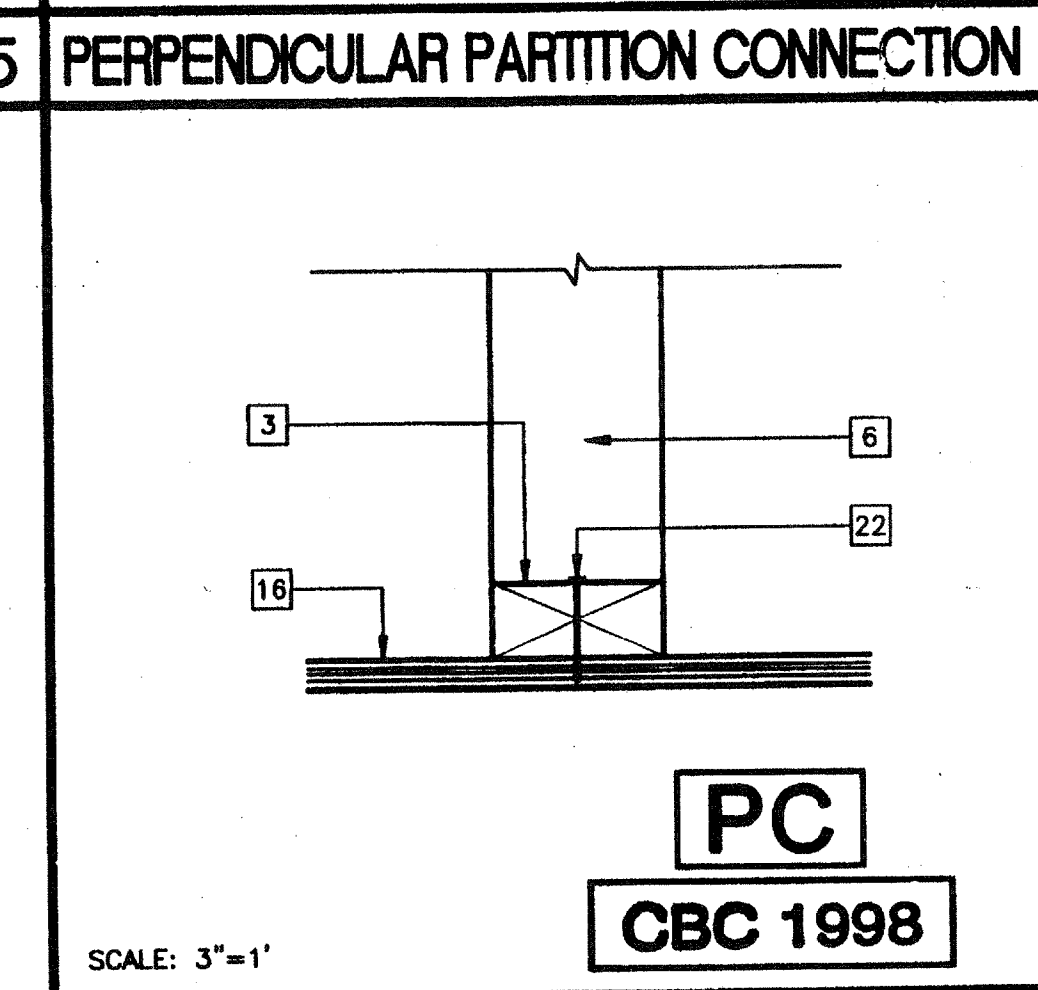
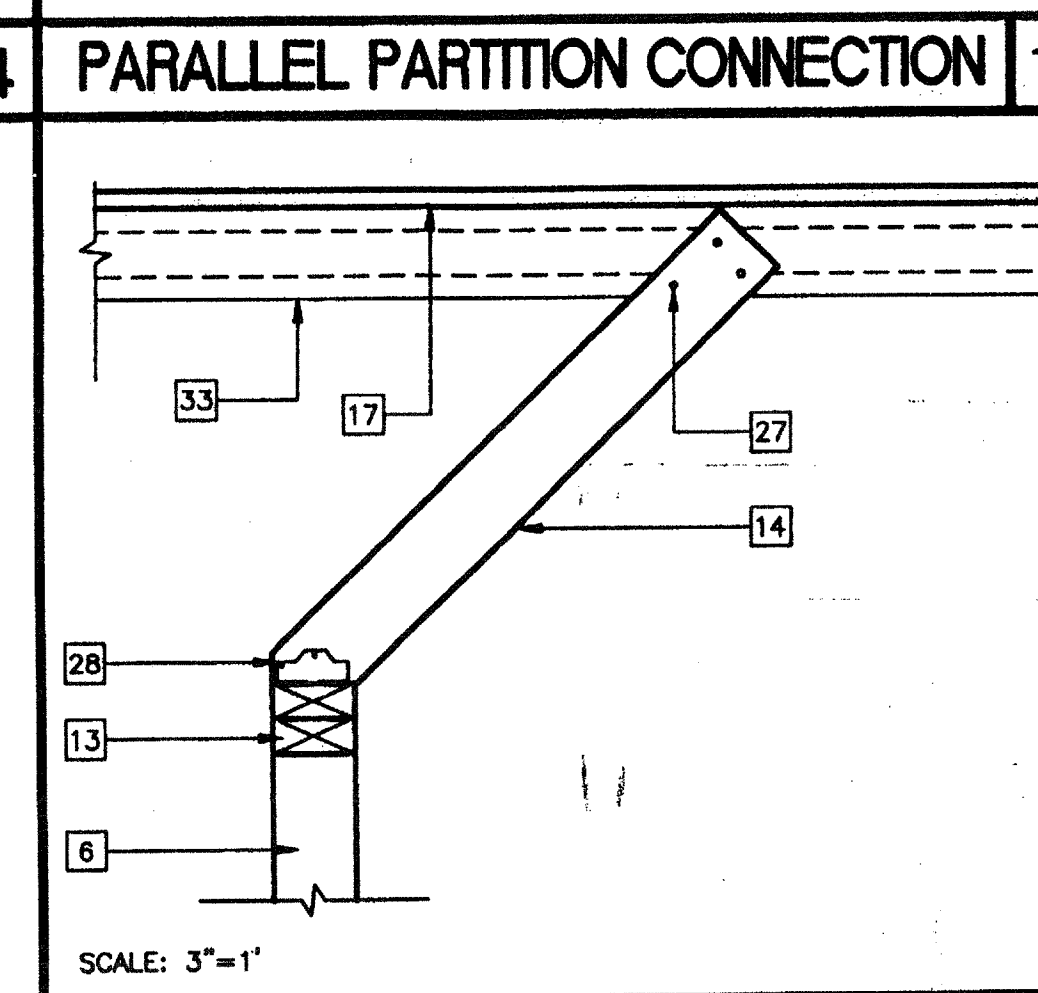
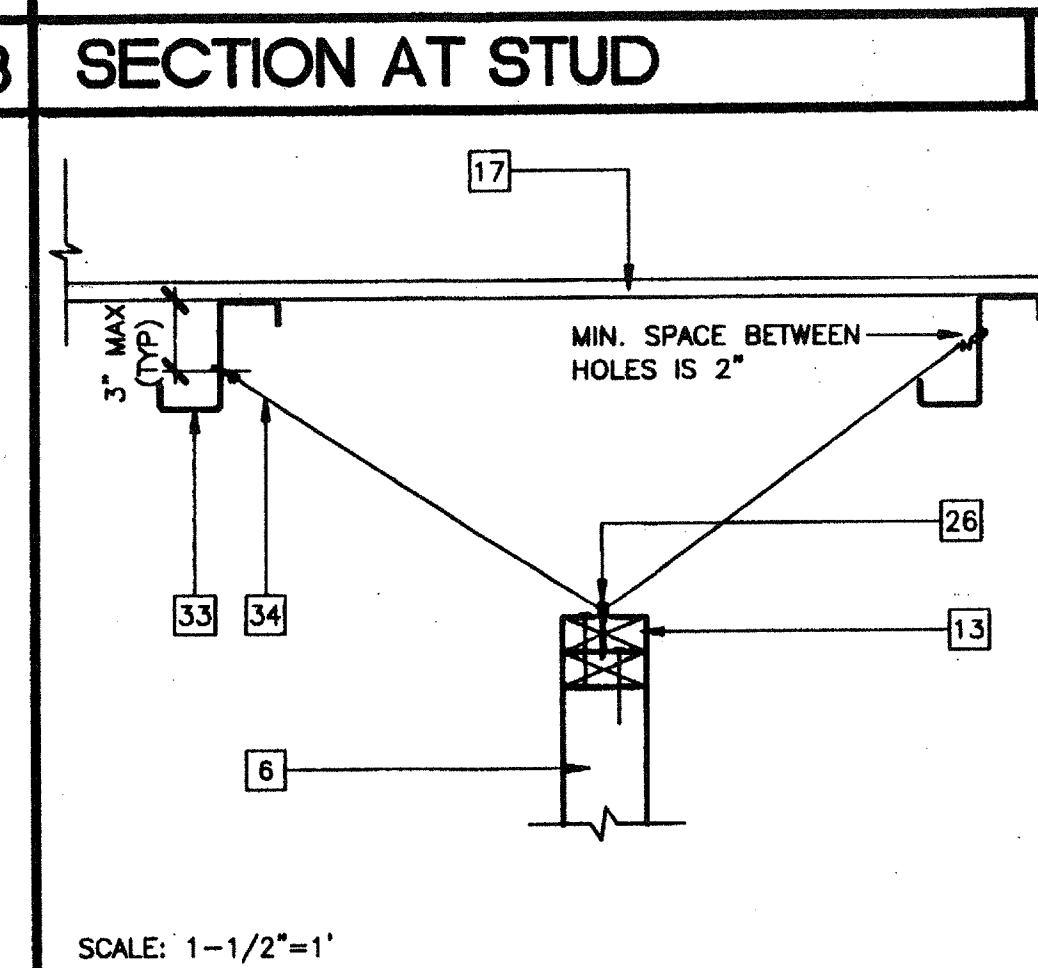
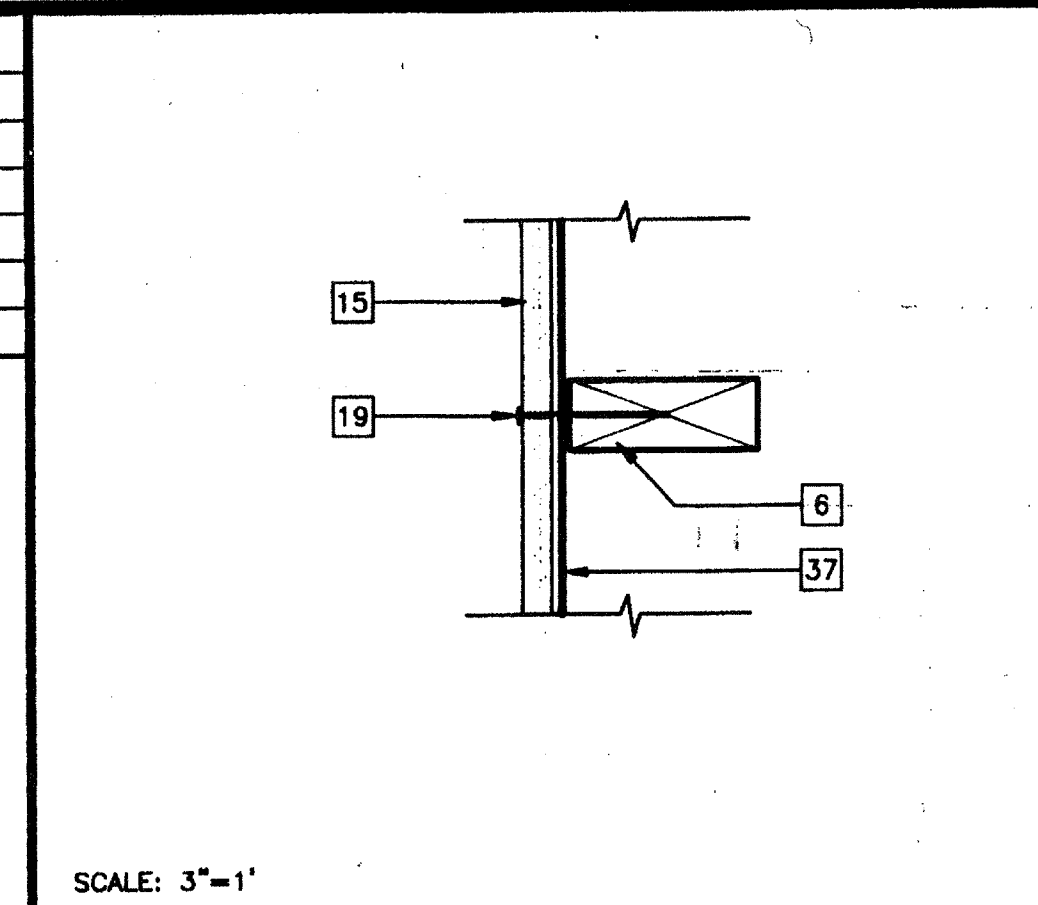
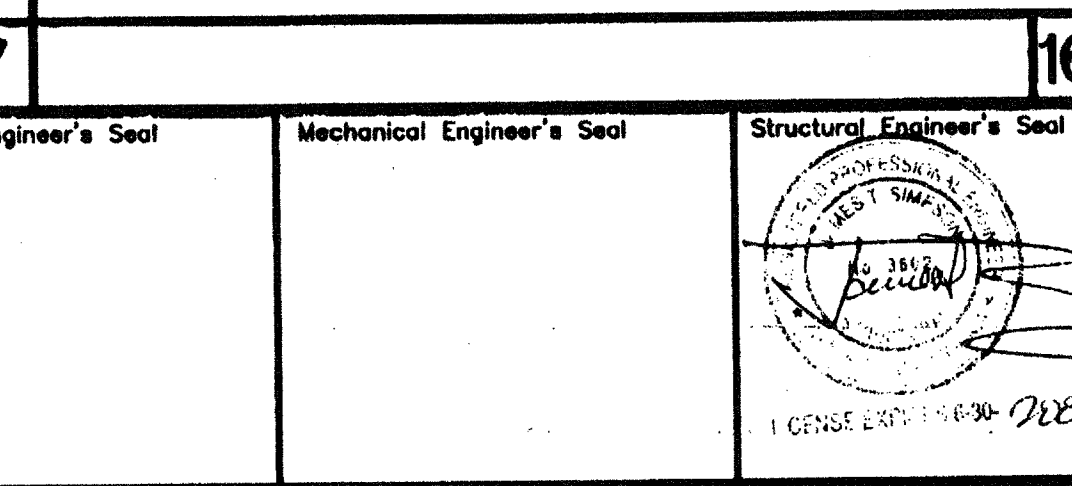
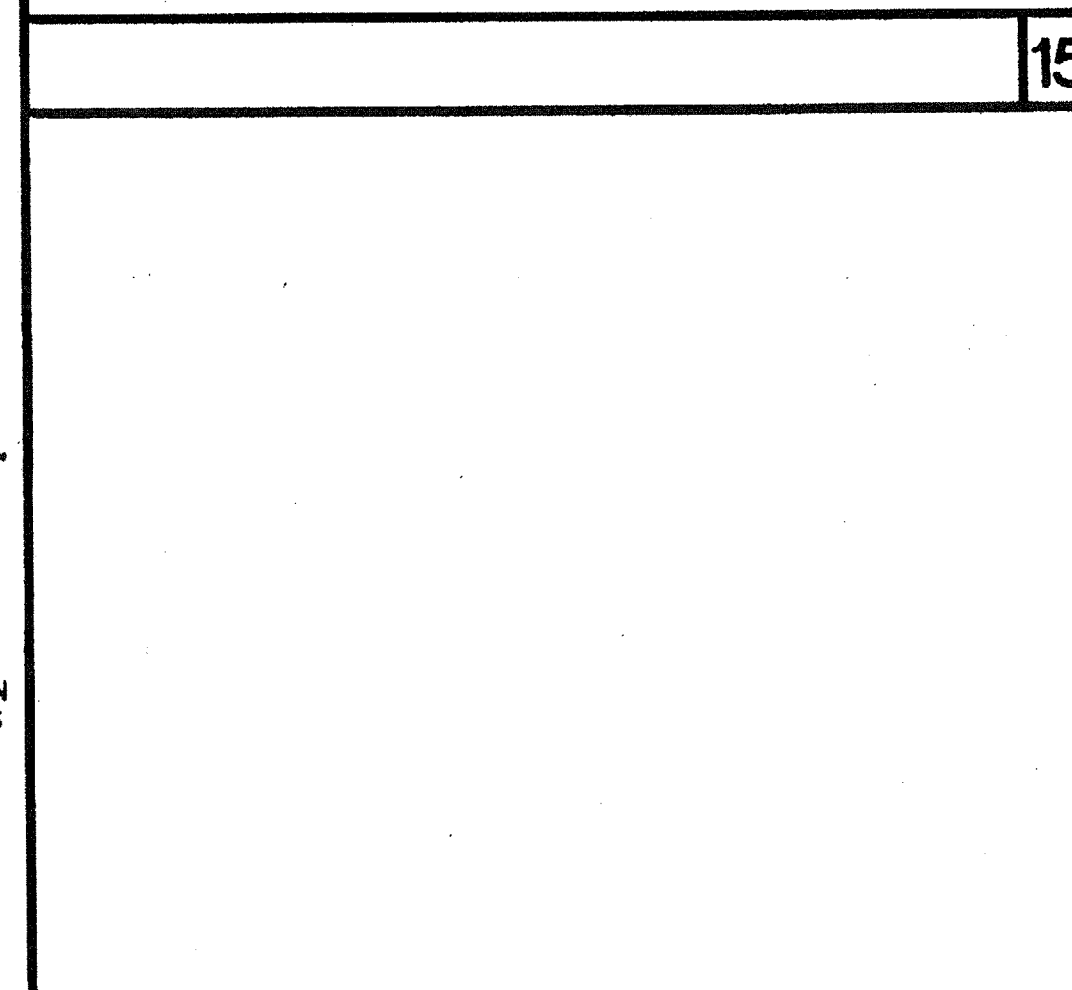
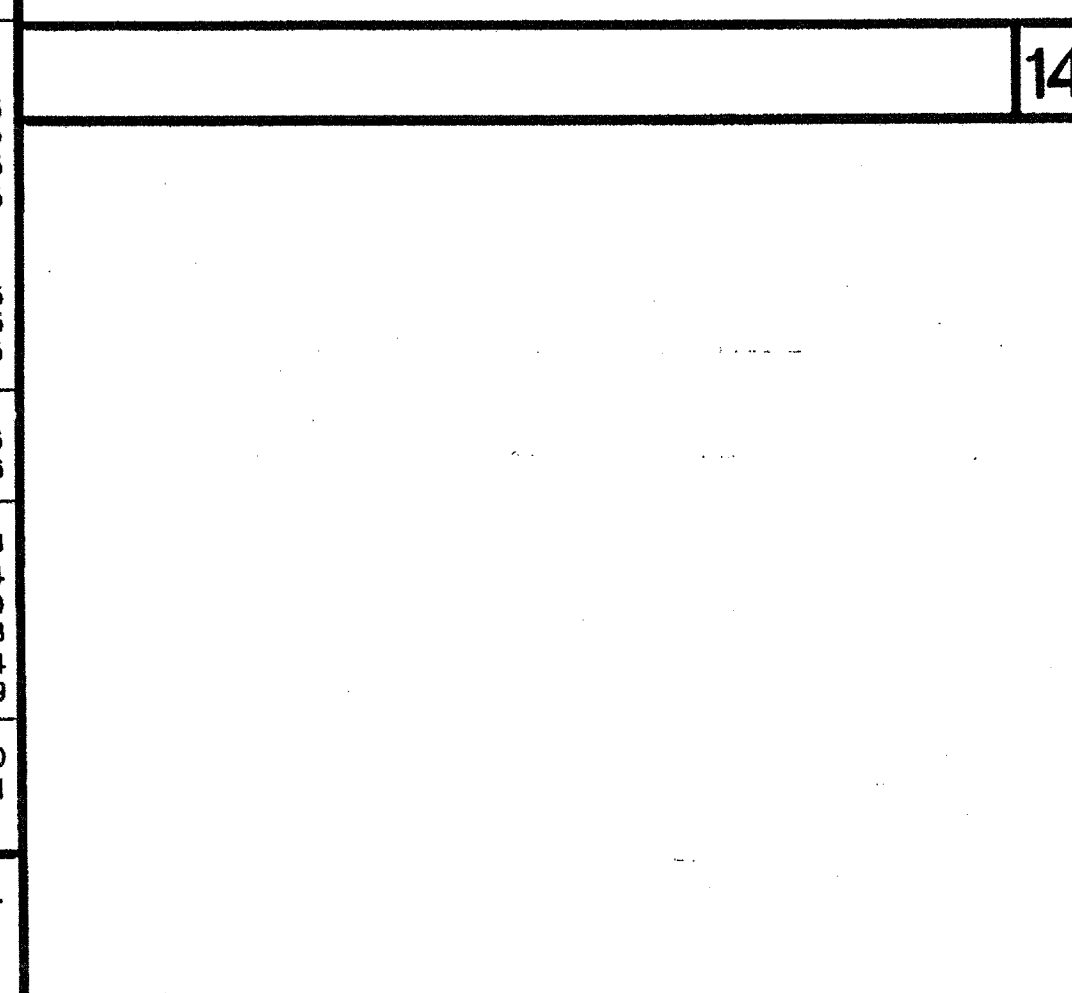
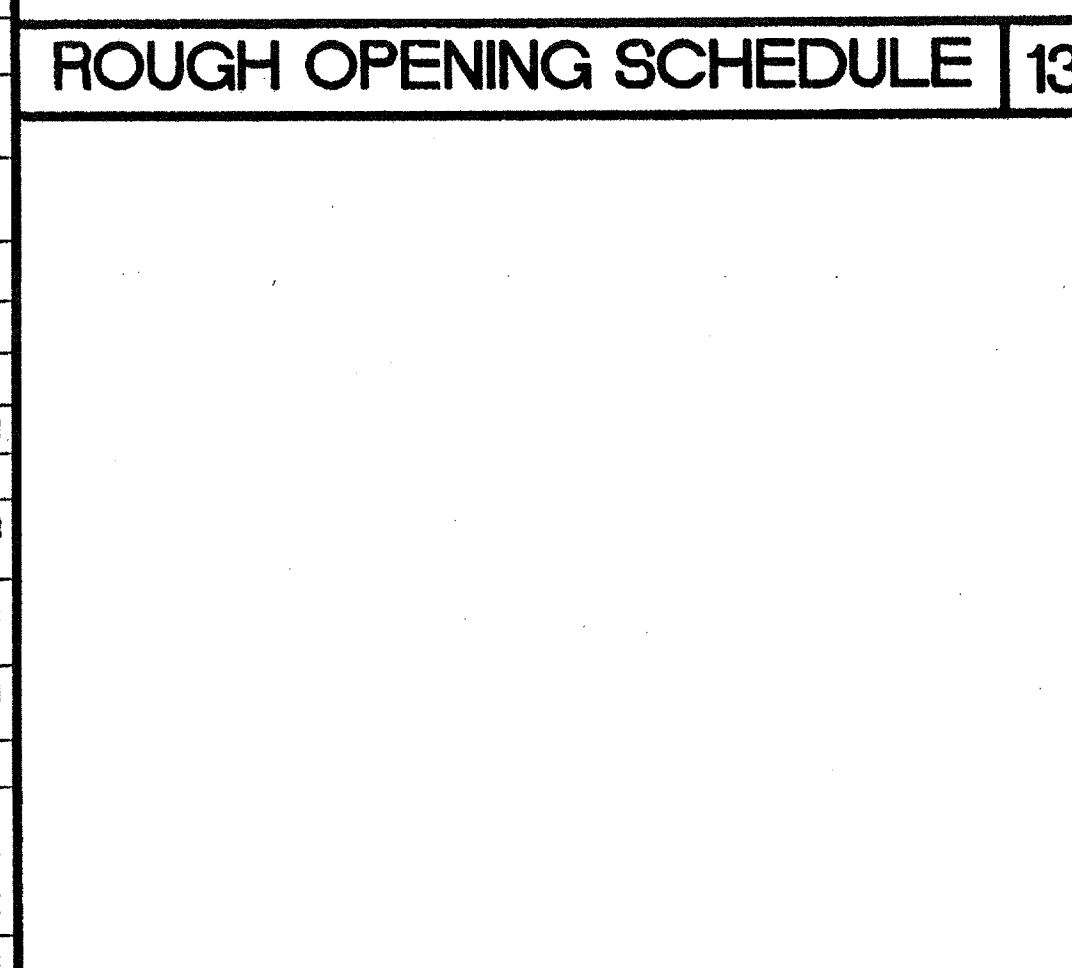
- COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
- NAILS SPACED AT 6" ON CENTER AT EDGES, 12" AT INTERMEDIATE SUPPORTS EXCEPT 6" AT ALL SUPPORTS WHERE SPANS ARE 48" OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTIONS 2315.3.3 AND 2315.4. NAILS FOR WALL SHEATHING MAY BE COMMON, BOX OR CASING.
- COMMON OR DEFORMED SHANK.
- COMMON.
- DEFORMED SHANK.
- CORROSION-RESISTANT SIDING OR CASING NAILS CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
- FASTENERS SPACED 3" ON CENTER AT EXTERIOR EDGES AND 6" ON CENTER AT INTERMEDIATE SUPPORTS.
- CORROSION-RESISTANT ROOFING NAILS WITH 7/16" HEAD AND 1 1/2" LENGTH FOR 25/32" SHEATHING CONFORMING TO REQUIREMENTS OF SECTION 2304.3.
- CORROSION-RESISTANT STAPLES WITH NOMINAL 7/16" CROWN AND 1 1/8" LENGTH FOR 1/2" SHEATHING AND 1 1/2" LENGTH FOR 25/32" SHEATHING CONFORMING TO THE REQUIREMENTS OF SECTION 2304.3.
- PANEL SUPPORTS AT 16" [20" IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED]. CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.
- PANEL SUPPORTS AT 24". CASING OR FINISH NAILS SPACED 6" ON PANEL EDGES, 12" AT INTERMEDIATE SUPPORTS.

NAILING SCHEDULE 17

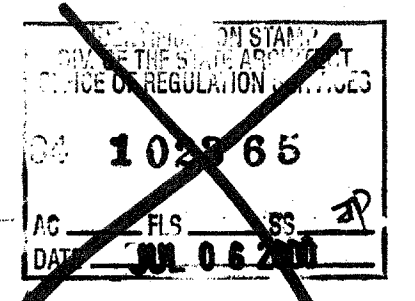
REVISIONS	Electrical Engineer's Seal	Mechanical Engineer's Seal	Structural Engineer's Seal	Architect's Seal
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OPENING	HEADER	SILL	JAMB	HEIGHT	WIDTH
3068	(2)2"x4"	N/A	(2)2"x4"	81 1/4"	38"
8040	(3)2"x4"	(2)2"x4"	(3)2"x4"	47 5/8"	95 3/4"

* = 4 JAMB STUDS FOR 80 MPH DESIGN WIND LOAD



- KEY NOTES**
- 2"x4" END PLATE
 - 2"x4" TOP PLATE
 - 2"x4" FLOOR SILL PLATE
 - 2"x NAILER AT END WALL
 - 2"x4" NAILER AT SIDE WALL
 - 2"x4" AT 16" OC
 - DOUBLE 2"x4" STUDS AT PLYWOOD EDGES
 - 2"x4" BLOCKING
 - HEADER - 13/54.02
 - WINDOW SILL - 13/54.02
 - FULL HEIGHT JAMB STUDS - 13/54.02
 - 2"x4" TRIMMER STUD
 - 2"x4" DOUBLE TOP PLATE AT INTERIOR PARTITIONS
 - 2"x4" BRACE AT 8'-0" OC MAX AT 45° MAX
 - EXTERIOR SHEATHING NAIL WITH 8d GALVANIZED BOX NAILS AT 6" OC EDGE NAILING, 12" OC FIELD NAILING
 - FLOOR SHEATHING
 - ROOF SHEATHING
 - EDGE NAILING 8d ELECTRO GALVANIZED AT 6" OC
 - FIELD NAILING 8d ELECTRO GALVANIZED AT 12" OC
 - #10 STMS AT 24" OC OR 0.145# SHOT PIN AT 24" OC
 - 16d AT 24" OC
 - 16d NAIL AT 16" OC
 - 16d BOX NAILS AT 8" OC
 - 10 STMS AT 16" OC OR AEROSMITH AKN 144.0175 DRIVE PIN AT 16" OC
 - 8d x 1 1/2" NAILS
 - 1/4" DIA x 1 1/2" EYE LAG SCREW AT 8'-0" OC (2" EMBEDMENT)
 - #12x2" TYPE A HEX HEAD SCREWS WITH WASHERS TYPICAL FOR 3
 - A35 CLIP BOTH SIDES OF BRACE TO TOP PLATE
 - A34 CLIPS AT HEADER AND SILL TO FULL HEIGHT STUDS AND FULL HEIGHT STUDS TO TOP AND BOTTOM PLATES
 - TUBE STEEL COLUMN (STR)
 - ROOF BEAM OR HEADER (STR)
 - FLOOR BEAM OR HEADER (STR)
 - ROOF PURLIN (STR)
 - 12 GA BRACE WIRES ATTACH TO EYE LAG SCREWS AND TO ROOF PURLINS AT 8'-0" OC - ENDS TO HAVE 4 TIGHT WRAPS IN 1 1/2"
 - LAP JOINT
 - "Z" FLASHING
 - WATERPROOF MEMBRANE



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DATE APR 18 2016

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Electrical Engineer's Seal

Mechanical Engineer's Seal

Structural Engineer's Seal

Architect's Seal

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MODTECH INC.
2830 BARRETT AVENUE
PERRIS, CALIF. 92572
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: _____
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STOCKPILE #53
CLASS LEASING INC #3513
4012-107 80 MPH
100-24x40 CLASSROOMS
DRAWN BY: _____
DATE: 1/6/00
CHECKED BY: _____
DATE: 1/6/00
S4.02

FILE PATH: 2-70-S4.02.DWG PROJECT NO. 3745 3513 PC-04-101268