

CONCRETE SLAB

ALL SLABS TO BE MINIMUM 5-1/2" (NOM) THICK WITH NO. 3 REBAR @ 18" O.C. BOTH WAYS PLACED IN THE CENTER OF THE SLAB. A 2" SAND LAYER ABOVE AND 2" LAYER BELOW A 6 MIL VAPOR BARRIER. REFER TO SOILS REPORT FOR ALLOWABLE OMISSIONS OR ADDITIONAL REQUIREMENTS.

USE CONCRETE BLOCKS TO ENSURE REBAR PLACEMENT AT MID-HEIGHT OF SLAB.

NOTE:

PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:

- A) THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
- B) THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
- C) THE FOUNDATION EXCAVATIONS, THE SOILS EXPANSIVE CHARACTERISTICS AND BEARING CAPACITY CONFORM TO THE SOILS REPORT.

NOTE:

THE ARCHITECT/ENGINEER OF RECORDS SHALL PROVIDE STRUCTURAL OBSERVATIONS PER UBC 1702 ITEM 4.

NOTE:

WHERE (2) #5 BARS OR GREATER ARE REQUIRED FOR HD'S, THE STANDARD (2) #4 FOOTING BARS CAN BE ELIMINATED.

NOTE:

COLUMNS AND POSTS LOCATED ON CONCRETE OR MASONRY FLOORS OR DECKS EXPOSED TO THE WEATHER OR TO WATER SPLASH OR IN BASEMENTS AND WHICH SUPPORT PERMANENT STRUCTURES SHALL BE SUPPORTED BY CONCRETE PIERS OR METAL PEDESTALS PROJECTING 1" MINIMUM ABOVE FLOORS, UNLESS APPROVED WOOD OF NATURAL RESISTANCE TO DECAY OR TREATED WOOD IS USED.

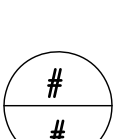
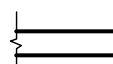
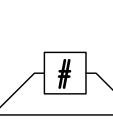
NOTE:

WOOD SHALL BE 6" MINIMUM ABOVE FINISH GRADE. SECTION 1806.1

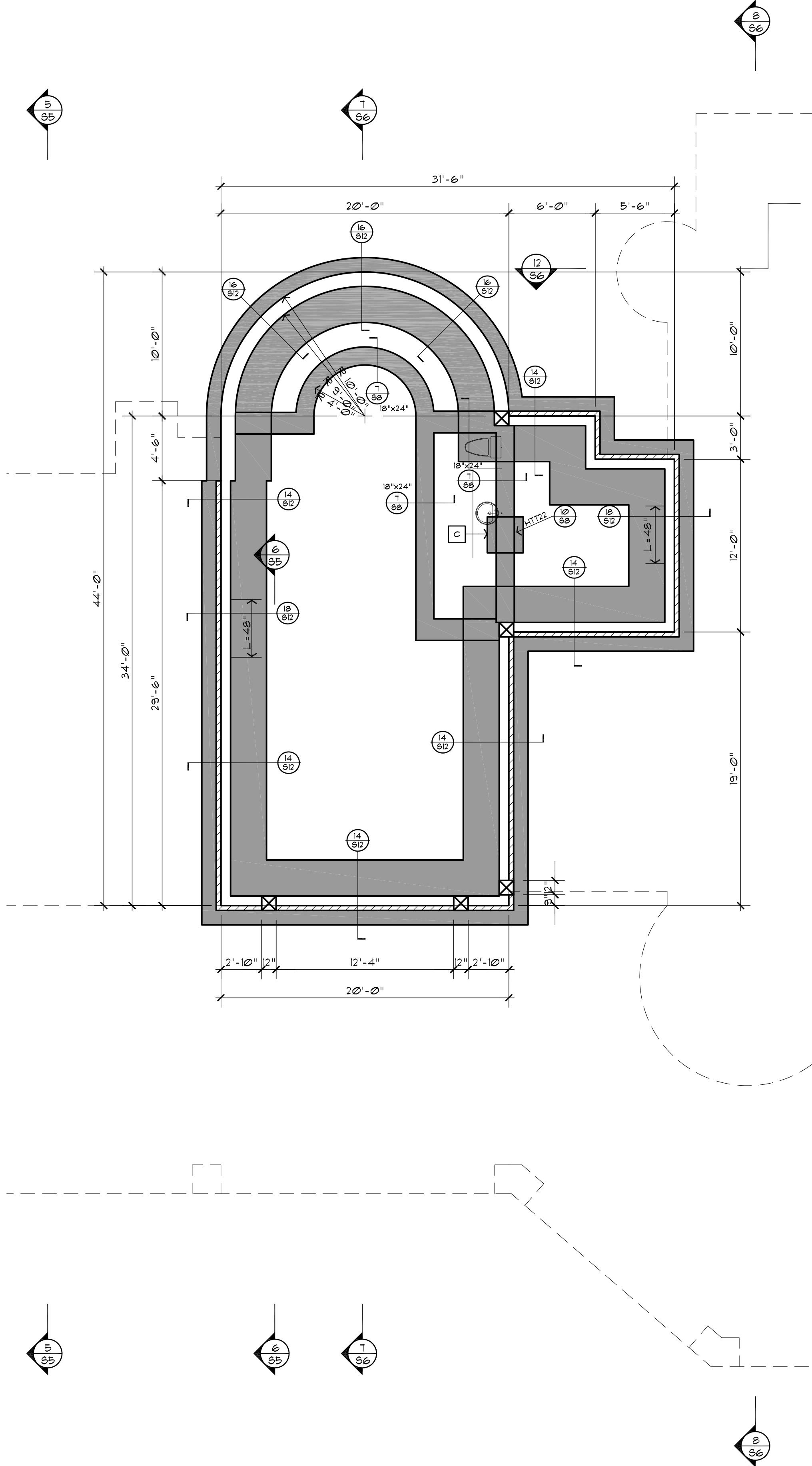
NOTE:

ALL COLUMN BASES, COLUMN BOLTING, HOLD DOWN STRAPS, AND HOLD DOWNS CRITICAL TO THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE HELD IN PLACE BY MEANS OF TEMPLATES PRIOR TO THE FOUNDATION INSPECTION.

LEGEND

-  SHEAR WALL SEE SCHEDULE
-  INDICATES BEAM REFERENCED FROM ENG. CALCS.
-  DETAIL # / SHT. #
-  RUN PLYWOOD OVER POST AND/OR APPLY PLYWOOD BEFORE BOX OUT
-  POST PER PLAN
-  INDICATES 2x STUD @ 16" O.C. U.N.O.
-  INDICATES CONCRETE PAD SIZE. SEE SCHEDULE
-  INDICATES ANCHOR BOLT SPACING & EXTENT. SEE SCHEDULE

CONCRETE PAD SCHEDULE			
SYMBOL	SIZE	DEPTH	REBARS
A	18" SQ.	18"	(2) #4 E/W
B	24" SQ.	18"	(2) #4 E/W
C	30" SQ.	18"	(3) #4 E/W
D	36" SQ.	18"	(3) #4 E/W
E	42" SQ.	18"	(4) #5 E/W
F	48" SQ.	18"	(4) #5 E/W
G	54" SQ.	18"	(5) #5 E/W
H	60" SQ.	18"	(5) #5 E/W
J	66" SQ.	18"	(6) #5 E/W
K	72" SQ.	18"	(6) #5 E/W
L	78" SQ.	18"	(6) #5 E/W
M	84" SQ.	18"	(7) #5 E/W
N	90" SQ.	18"	(7) #5 E/W
P	96" SQ.	18"	(7) #5 E/W

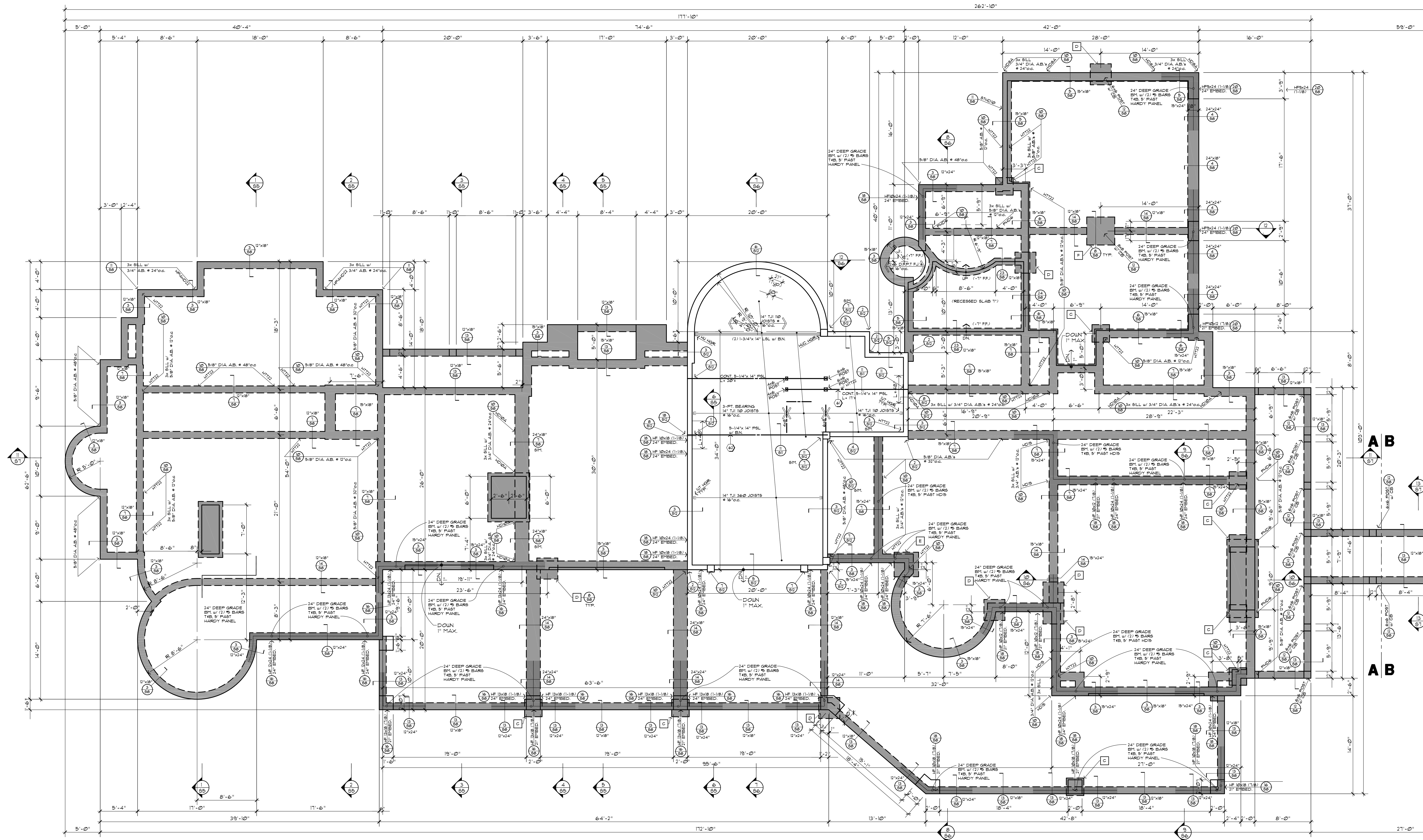


REVISIONS

ASTILLERO1318 VISTA COLINA DR.
SAN MARCOS, CA. 92078
17601 471-5111

DESIGN &
CONSTRUCTION, INC.

BASEMENT FOUNDATION
SCALE: 3/16" = 1'-0"



REVISIONS

CONCRETE SLAB

ALL SLABS TO BE MINIMUM 5-1/2" (NOM) THICK WITH No. 3 REBAR @ 18" O.C. BOTH WAYS PLACED IN THE CENTER OF THE SLAB. A 2" SAND LAYER ABOVE AND 2" LAYER BELOW A 6 MIL VAPOR BARRIER. REFER TO SOILS REPORT FOR ALLOWABLE OMISSIONS OR ADDITIONAL REQUIREMENTS

USE CONCRETE BLOCKS TO ENSURE REBAR PLACEMENT AT MID-HEIGHT OF SLAB.

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- A) THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
- B) THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED, AND
- C) THE FOUNDATION EXCAVATIONS, THE SOILS EXPANSIVE CHARACTERISTICS AND BEARING CAPACITY CONFORM TO THE SOILS REPORT.

NOTE:

THE ARCHITECT/ENGINEER OF RECORDS SHALL PROVIDE STRUCTURAL OBSERVATIONS PER UBC 1702 ITEM 4.

NOTE:

WHERE (4) #5 BARS OR GREATER ARE REQUIRED FOR HD'S, THE STANDARD (4) #4 FOOTING BARS CAN BE ELIMINATED.

NOTE:

COLUMNS AND POSTS LOCATED ON CONCRETE OR MASONRY FLOORS OR DECKS EXPOSED TO THE WEATHER OR TO WATER SPLASH OR IN BASEMENTS AND WHICH SUPPORT PERMANENT STRUCTURES SHALL BE SUPPORTED BY CONCRETE PIERS OR METAL PEDESTALS PROJECTING 1" MINIMUM ABOVE FLOORS, UNLESS APPROVED WOOD OF NATURAL RESISTANCE TO DECAY OR TREATED WOOD IS USED.

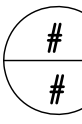
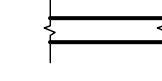
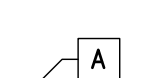
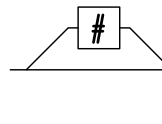
NOTE:

WOOD SHALL BE 6" MINIMUM ABOVE FINISH GRADE. SECTION 1806.1

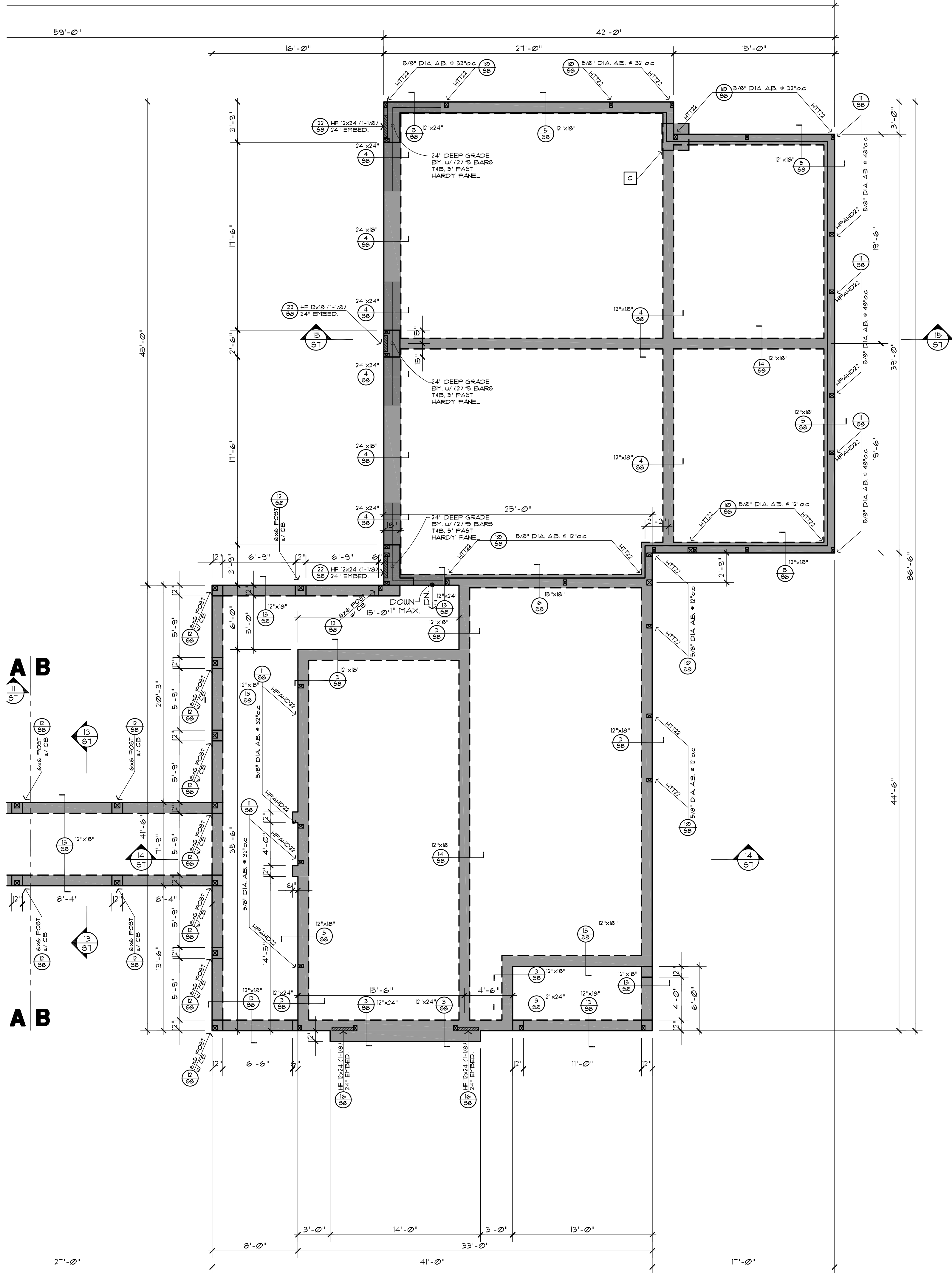
NOTE:

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LEGEND

-  SHEAR WALL. SEE SCHEDULE
-  INDICATES BEAM REFERENCED FROM ENG. CALC'S.
-  DETAIL # / SHT. #
-  RUN PLYWOOD OVER POST AND/OR APPLY PLYWOOD BEFORE BOX OUT
-  POST PER PLAN
-  INDICATES 2x STUD @ 16" O.C.
-  INDICATES CONCRETE PAD SIZE. SEE SCHEDULE
-  INDICATES ANCHOR BOLT SPACING & EXTENT. SEE SCHEDULE

CONCRETE PAD SCHEDULE			
SYMBOL	SIZE	DEPTH	REBARS
A	18" SQ.	18"	(2) #4 E/W
B	24" SQ.	18"	(2) #4 E/W
C	30" SQ.	18"	(3) #4 E/W
D	36" SQ.	18"	(3) #4 E/W
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G	54" SQ.	18"	(5) #5 E/W
H	60" SQ.	18"	(5) #5 E/W
J	66" SQ.	18"	(6) #5 E/W
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L	78" SQ.	18"	(6) #5 E/W
M	84" SQ.	18"	(7) #5 E/W
N	90" SQ.	18"	(7) #5 E/W
P	96" SQ.	18"	(7) #5 E/W



ASTILLERO

1318 VISTA COLINA DR.

DESIGN &

SAN MARCOS, CA. 92078

CONSTRUCTION, INC.

FOUNDATION - BB

SCALE: 3/16" = 1'-0"

SHEETS

S-2B

OF . SHTS.

ATTIC VENTILATION (Lower Roof)

5295/300 = 17.52 SQ. FT. = (4) DORMER VENTS REQ'D THOUGH PROVIDE (6) DORMER VENTS (3.53) SQ. FT. NET EA.) BALANCE VENTS HIGH AND LOW PER ROOF PLAN.
PROVIDE (1) GABLE ROOF VENT (4.00 SQ. FT. NET) PER FRONT ELEVATION

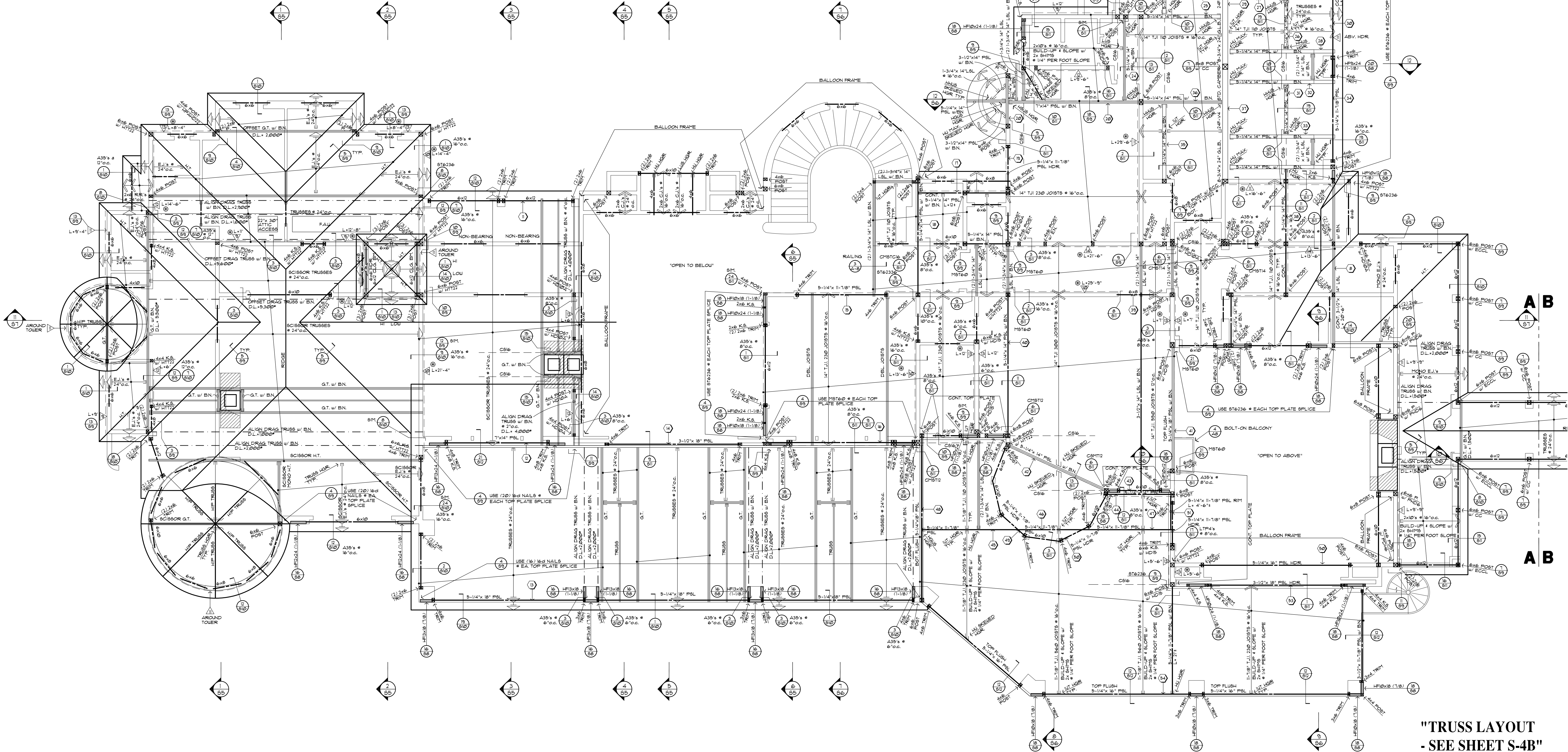
SEE SHEET A-B FOR LAYOUT

ROOF VENTS

ROOF VENTS SHALL BE LOCATED ON LEAST VISIBLE SIDE OF ROOF AND PAINTED TO MATCH ADJACENT MATERIAL.

VENTS

ALL VENTS (ROOF, FOUNDATION, COMBUSTION AIR, ETC.) MUST BE LOUVERED AND COVERED WITH 1/2" NONCOMBUSTIBLE CORROSION RESISTANT METAL MESH. TURBINE VENTS SHALL TURN IN ONE DIRECTION ONLY.



ASTILLERO

1318 VISTA COLINA DR.

DESIGN & CONSTRUCTION, INC.

SAN MARCOS, CA. 92078

17601 471-5111

REVISIONS

UPPER FLOOR FRAMING & LOWER ROOF FRAMING - AA

SCALE: 3/16" = 1'-0"

SHEETS

S-3A

OF 4 SHTS.

"TRUSS LAYOUT
- SEE SHEET S-4B"

UPPER FLOOR DIAPHRAM:

1-1/2" LIGHTWEIGHT CONCRETE OVER
3/4" T & G, STRUCTURAL 2,
GLUE-NAILED FLOOR (F.I. INDEX 48/24,
10d RING SHANK NAILS # 6" O.C. EDGE &
BOUNDARY NAILS, 10d's # 10" O.C. FIELD NAILS.

DECK FINISH MATERIAL:

CONCRETE TILE OVER
HOP MOP DECKING SYSTEM,
DEX-O-TEX (CBO #338 OR
MER KOTE (CBO #338)
WATERPROOF
DECK COATING TYP.
WITH 1-1/2" LIGHT WEIGHT CONC. OVER

ROOF DIAPHRAM:

1/2" O.S.B., STRUCTURAL 1,
CDX, UNBLOCKED, F.I. INDEX 32/16,
20d's # 6" O.C. EDGE & BOUNDARY NAILS
8d's # 12" O.C. FIELD NAIL.

-USE G-C-X PLYWOOD OR STARTER BOARD
ROOF OVERHANG.

NOTE:

ROOF SHEATHING IS CONTINUOUS
BENEATH CALIF. FILL.

ROOFING:

ROOFING SHALL HAVE A MINIMUM CLASS "A"
FIRE RATING.

ROOF MATERIAL:

MANUFACTURER: GREENSTONE SLATE CO.
PRODUCT NAME: SLATE TILE
CLASS "A" RATING - ASTM C406

2.) 2-LAYERS 40# FELT UNDERLAYMENT.

NOTE

ROOF COVERING SHALL NOT BE LESS THAN A
CLASS "A" ROOF ASSEMBLY.

TRUSSES

EACH TRUSS SHALL BE LEGIBLY BRANDED,
MARKED OR OTHERWISE HAVE PERMANENTLY
AFFIXED THERETO THE FOLLOWING INFORMATION
LOCATED WITHIN 2 FEET OF THE CENTER OF THE
CENTER OF THE SPAN ON THE FACE OF THE
BOTTOM CHORD:

A) IDENTITY OF THE COMPANY MANUFACTURING
THE TRUSS.

B) THE DESIGN LOAD.

C) THE SPACING OF THE TRUSSES.

SKYLIGHTS

MANUFACTURER: VELUX
TYPE: TYPEDRED GLASS
ICBO, NER-216

MAXIMUM ALLOWABLE STUD HEIGHTS.

BEARING WALL: 2x4 AND 2x6 MAX. 10'.
NON-BEARING: 2x4 MAX. 14', 2x6 MAX. 20'.
TABLE 23-1V-B.

NOTE:

WOOD SHALL BE 6" MINIMUM ABOVE FINISH GRADE. SECTION 1806.1

NOTE:

ATTIC VENTILATION OPENINGS SHALL BE COVERED WITH
CORROSION-RESISTANT METAL MESH WITH MESH OPENINGS
OF 1/4-INCH INCH DIMENSION. ANY WOOD TO WOOD GAP
EXPOSED TO EXTERIOR OF 1/4" OR GREATER TO BE BLOCKED
OR CAULKED BY FRAMER.

ATTIC VENTILATION (Guest Lower Roof)

3509/300' = 1170' SQ. FT. + PROVIDE (2) DORMER VENTS (353 SQ. FT. NET EA.) BALANCE VENTS HIGH AND LOW.
SEE SHEET A-9 FOR LAYOUT. PROVIDE (1) CUPOLA VENT (500 SQ. FT.) 3' MIN. ABOVE EAVE.

ROOF VENTS

ROOF VENTS SHALL BE LOCATED ON LEAST VISIBLE SIDE OF ROOF
AND PAINTED TO MATCH ADJACENT MATERIAL.

VENTS

ALL VENTS (ROOF, FOUNDATION, COMBUSTION AIR, ETC.) MUST BE
LOUVERED AND COVERED WITH 1/4" NONCOMBUSTIBLE CORROSION
RESISTANT METAL MESH. TURBINE VENTS SHALL TURN IN ONE
DIRECTION ONLY.

TABLE 23-II-B-1 -- NAILING SCHEDULE			
CONNECTION	NAILS 1	CONNECTION	NAILING 1
1. Joist to sill or girder, toenail	3-8d	23. Built-up corner studs	8d at 24" (610 mm) o.c.
2. Bridging to joist, toenail each end	2-8d	24. Built-up girder and beams	20d at 32" (813 mm) o.c. at top and bottom and staggered 2-20d at ends and at each splice
3. 1" x 6" (25 mm x 152 mm) subfloor or less to each joist, face nail	2-8d		
4. Wider than 1" x 6" (25 mm x 152 mm) subfloor to each joist, face nail	3-8d		
5. 2" (51 mm) subfloor to joist or girder, blind and face nail	2-16d	25. 2" (51 mm) planks	2-16d at each bearing
6. Sole plate to joist or blocking, typical face nail	16d at 16" (406 mm) o.c.	26. Wood structural panels and particulateboard: 2	
7. Sole plate to joist or blocking, at braced wall panels	3-16d per 16" (406 mm)	Subfloor and wall sheathing (1 inch x 25.4 mm)	10/32" (3.175 mm) 15 mm-25 mm
8. Top plate to stud and nail	2-16d	1 1/8" (31.75 mm-32 mm)	10d* or 8d*
9. Stud to sole plate	4-8d, toenail or 2-16d, end nail	7/8" (21.9 mm)	8d* or 16d*
10. Double studs, face nail	16d at 24" (610 mm) o.c.	1 1/8" (31.75 mm-32 mm)	10d* or 8d*
11. Double top plates, typical face nail	16d at 16" (406 mm) o.c.	Combination subfloor-underlayment (to framing) (1 inch x 25.4 mm)	8d*
12. Double top plates, lap splice	8-16d	3/4" (19 mm) and less	8d*
13. Blocking between joists or rafters to top plate, toenail	3-8d	7/8" (21.9 mm)	8d*
14. Rn joist to top plate, toenail	8d at 6" (152 mm) o.c.	1 1/8" (31.75 mm-32 mm)	10d* or 8d*
15. Top plates, laps and intersections, face nail	2-16d	27. Panel siding (to framing) 2	
16. Continuous header, two pieces	16d at 16" (406 mm) o.c. along each edge	1/2" (12.7 mm) or less	8d*
17. Ceiling joists to plate, toenail	3-8d	3/8" (9.5 mm)	8d*
18. Continuous header to stud, toenail	4-8d		
19. Ceiling joists, laps over partitions, face nail	3-16d	28. Interior paneling	
20. Ceiling joists to parallel rafters, face nail	3-16d	1/4" (6.4 mm)	14d #
21. Rafter to plate, toenail	3-8d	3/8" (9.5 mm)	8d #
22. 1" x 8" (25 mm x 203 mm) sheathing to each stud and plate, face nail	2-8d		
23. 1" x 8" (25 mm x 203 mm) sheathing to each bearing, face nail	2-8d		
24. Wider than 1" x 8" (25 mm x 203 mm) sheathing to each bearing, face nail	3-8d		

1 Common or box nails may be used except where otherwise stated.

2 Nails spaced at 6 inches (152 mm) on center at edges, 12 inches (305 mm) at intermediate supports except 6 inches (152 mm) at all supports where spans are 48 inches (1219 mm) or more. For nailing of wood structural panel and particulateboard diaphragms and shear walls, refer to Sections 23B.3.3 and 23B.4. Nails for wall sheathing may be common, box or casing.

3 Common or deformed shank.

4 Common.

5 Deformed shank.

6 Corrosion-resistant siding or casing nails conforming to the requirements of Section 23B4.3.

7 Fasteners spaced 3 inches (76 mm) on center at exterior edges and 6 inches (152 mm) on center at intermediate supports.

8 Corrosion-resistant roofing nails with 7/16-inch-diameter (11 mm) head and 1 1/2-inch (38 mm) length for 1/2-inch (12.7 mm) sheathing and 1 3/4-inch (44 mm) length for 25/32-inch (20 mm) sheathing conforming to the requirements of Section 23B4.3.

9 Corrosion-resistant staples with nominal 7/16-inch (11 mm) crown and 1 1/8-inch (29 mm) length for 1/2-inch (12.7 mm) sheathing and 1 1/2-inch (38 mm) length for 25/32-inch (20 mm) sheathing conforming to the requirements of Section 23B4.3.

10 Panel supports at 16 inches (406 mm) (20 inches (508 mm) if strength axis is in the long direction of the panel, unless otherwise marked). Casing or finish nails spaced 6 inches (152 mm) on panel edges, 12 inches (305 mm) at intermediate supports.

11 Panel supports at 24 inches (610 mm). Casing or finish nails spaced 6 inches (152 mm) on panel edges, 12 inches (305 mm) at intermediate supports.

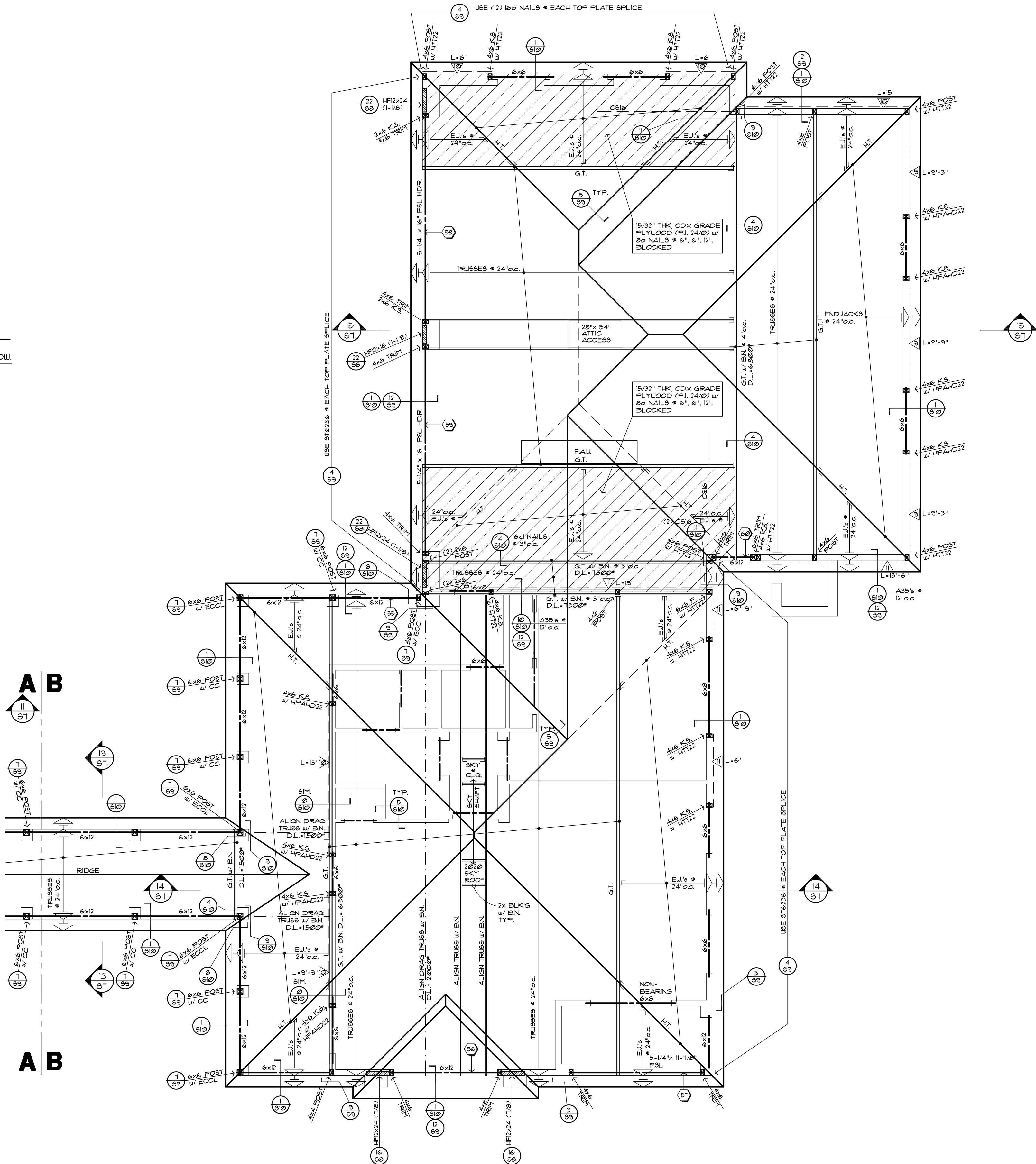
2001 CALIFORNIA BUILDING CODE			
SHEAR PANEL SCHEDULE, WOOD FRAMING			
MARK	SHEATHING AND FASTENING	SOLE PLATE AND FASTENING	MUD SILL AND FASTENING
8	7/8" STUCCO WITH 16 GAUGE STAPLES AT 6" O.C. ALONG EDGES AND IN FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 6" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 72" O.C.
9	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 6" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 4" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 48" O.C.
10	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 3" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 3" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 32" O.C.
11, 12	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 3" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 2-1/2" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 12" O.C.
2	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 2" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 12" O.C.
13	15/32" CDX PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 4" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
14	15/32" STRUCTURAL I PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 4" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
11, 12 BOTH SIDES	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 3" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 3" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
12 BOTH SIDES	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2-1/2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 16" O.C.
13 BOTH SIDES	15/32" CDX PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 12" O.C.
14 BOTH SIDES	15/32" STRUCTURAL I PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 12" O.C.

NOTES:

- ANCHOR BOLTS ARE DESIGNED FOR A LOAD CAPACITY OF 50 PERCENT PER FOOTNOTE 3 OF TABLE 23-II-1.
- FRAMING AND BLOCKING AT ADJOINING PANEL EDGES SHALL BE 3x OR WIDER AND NAILS SHALL BE STAGGERED.
- PANEL JOISTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR WIDER AND NAILS STAGGERED ON EACH SIDE.
- STAGGER IS 1/2 INCH.
- SCREWS ARE SIMPSON SDS1/4X4-1/2.
- PROVIDE 2x BLOCKING AT HORIZONTAL PLYWOOD PANEL JOIST, UNLESS NOTED OTHERWISE.

A B

A B



"TRUSS LAYOUT - SEE SHEET S-4B"

REVISIONS

UPPER FLOOR FRAMING &
LOWER ROOF FRAMING - BB
SCALE: 3/16" = 1'-0"

ROOF DIAPHRAM:

1/2" OSB, STRUCTURAL I,
CDX, UNBLOCKED, F.I. INDEX 32/16,
10d's @ 6" o.c. EDGE & BOUNDRY NAILS
8d's @ 12" o.c. FIELD NAIL.

-USE C-C-X PLYWOOD OR STARTER BOARD
@ ROOF OVERHANG.

NOTE:

ROOF SHEATHING IS CONTINUOUS
BENEATH CALIF. FILL.

CLASS A ROOF ASSEMBLY.

ROOFING:

ROOFING SHALL HAVE A MINIMUM CLASS "A"
FIRE RATING.

ROOF MATERIAL:

MANUFACTURER: GREENSTONE SLATE CO.
PRODUCT NAME: SLATE TILE
CLASS "A" RATING - ASTM-C406

2.) 2-LAYERS 40# FELT UNDERLAYMENT.

NOTE

ROOF COVERING SHALL NOT BE LESS THAN A
CLASS "A" ROOF ASSEMBLY.

TRUSSES

EACH TRUSS SHALL BE LEGIBLY BRANDED,
MARKED OR OTHERWISE HAVE PERMANENTLY
AFFIXED THERETO THE FOLLOWING INFORMATION
LOCATED WITHIN 2 FEET OF THE CENTER OF THE
CENTER OF THE SPAN ON THE FACE OF THE
BOTTOM CHORD:

A) IDENTITY OF THE COMPANY MANUFACTURING
THE TRUSS.

B) THE DESIGN LOAD.

C) THE SPACING OF THE TRUSSES.

SKYLIGHTS

MANUFACTURER: VELUX
TYPE: TEMPERED GLASS
I.C.B.O. NER-216

MAXIMUM ALLOWABLE STUD HEIGHTS.

BEARING WALL: 2x4 AND 2x6 MAX. 10'.
NON-BEARING: 2x4 MAX. 14', 2x6 MAX. 20'.
TABLE 23-1V-B.

NOTE:

WOOD SHALL BE 6" MINIMUM ABOVE FINISH GRADE. SECTION 1806.1

NOTE:

ATTIC VENTILATION OPENINGS SHALL BE COVERED WITH
CORROSION-RESISTANT METAL MESH WITH MESH OPENINGS
OF 1/4-INCH INCH DIMENSION. ANY WOOD TO WOOD GAP
EXPOSED TO EXTERIOR OF 1/4" OR GREATER TO BE BLOCKED
OR CAULKED BY FRAMER.

ATTIC VENTILATION (Upper Roof)

4201/300 = 14.00 SQ. FT. = PROVIDE (4) DORMER VENTS (353 SQ. FT. NET EA.) BALANCE VENTS HIGH AND LOW.
SEE SHEET A-5 FOR LAYOUT

ROOF VENTS

ROOF VENTS SHALL BE LOCATED ON LEAST VISIBLE SIDE OF ROOF
AND PAINTED TO MATCH ADJACENT MATERIAL.

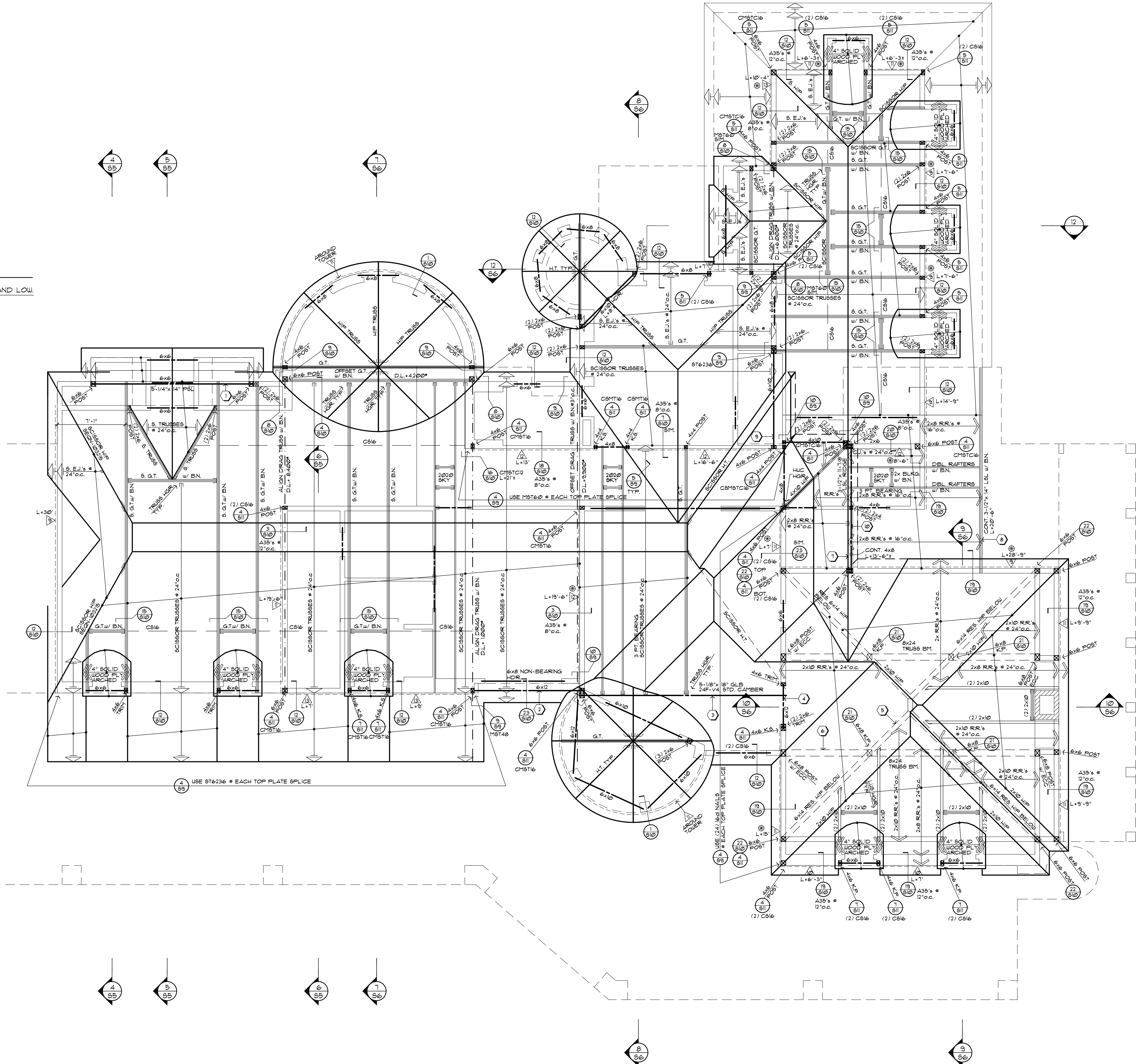
VENTS

ALL VENTS (ROOF, FOUNDATION, COMBUSTION AIR, ETC.) MUST BE
COVERED AND COVERED WITH 1/2" NONCOMBUSTIBLE CORROSION
RESISTANT METAL MESH. TURBINE VENTS SHALL TURN IN ONE
DIRECTION ONLY.

2001 CALIFORNIA BUILDING CODE			
SHEAR PANEL SCHEDULE, WOOD FRAMING			
MARK	SHEATHING AND FASTENING	SOLE PLATE AND FASTENING	MUD SILL AND FASTENING
8	7/8" STUCCO WITH 16 GAUGE STAPLES AT 6" O.C. ALONG EDGES AND IN FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 6" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 72" O.C.
9	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 6" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 4" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 48" O.C.
10	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 4" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 3" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 32" O.C.
11	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 3" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 2-1/2" O.C.	2x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 12" O.C.
12	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH 16d SINKER NAILS AT 2" O.C.	3x MUD SILL WITH 5/8" DIA. ANCHOR BOLTS AT 12" O.C.
13	15/32" CDX PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 4" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
14	15/32" STRUCTURAL I PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 3" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
2.3 BOTH SIDES	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 3" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 3" O.C.	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 24" O.C.
2.3 BOTH SIDES	3/8" CDX PLYWOOD WITH 8d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2-1/2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 16" O.C.
2.3 BOTH SIDES	15/32" CDX PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2-1/2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 12" O.C.
2.3 BOTH SIDES	15/32" STRUCTURAL I PLYWOOD WITH 10d COMMON NAILS AT 2" O.C. EDGE AND 12" O.C. FIELD	2x SOLE PLATE WITH SDS 1/4 x 4-1/2 SCREWS AT 2" O.C., STAGGERED	3x MUD SILL WITH 3/4" DIA. ANCHOR BOLTS AT 12" O.C.

NOTES:

- ANCHOR BOLTS ARE DESIGNED FOR A LOAD CAPACITY OF 50 PERCENT PER FOOTNOTE 3 OF
TABLE 23-1I-1.
- FRAMING AND BLOCKING AT ADJOINING PANEL EDGES SHALL BE 3x OR WIDER AND NAILS SHALL BE
STAGGERED.
- PANEL JOISTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL
BE 3x OR WIDER AND NAILS STAGGERED ON EACH SIDE.
- STAGGER IS 1/2 INCH.
- SCREWS ARE SIMPSON SDS1/4X4-1/2.
- PROVIDE 2x BLOCKING AT HORIZONTAL PLYWOOD PANEL JOIST, UNLESS NOTED OTHERWISE.



"TRUSS LAYOUT - SEE SHEET S-4B"

REVISIONS

DRYWALL:

5/8" TYPE "X" GYPSUM BOARD AT ALL WALLS & CEILINGS (GARAGE INCLUDED).

INSULATION FOR CONDITIONED SPACE:

ALL CEILINGS TO HAVE: R-30

EXTERIOR WALLS TO HAVE: R-19

ALL FLOORS EXPOSED TO THE OUTSIDE TO HAVE: R-19

WALL CONSTRUCTION

EXTERIOR WALLS : 2x6 D.F. @ 16"o.c.

INTERIOR WALLS: 2x4 D.F. @ 16"o.c.
2x6 D.F. @ 16"o.c.

NOTE:

PAPER FACED INSULATION IS NOT PERMITTED IN ATTICS OR VENTILATED SPACES.



REVISIONS

SECTIONS

SCALE: 3/16" = 1'-0"

SECTION NOTES:

DRYWALL:
5/8" TYPE "X" GYPSUM BOARD AT ALL WALLS & CEILINGS (GARAGE INCLUDED).

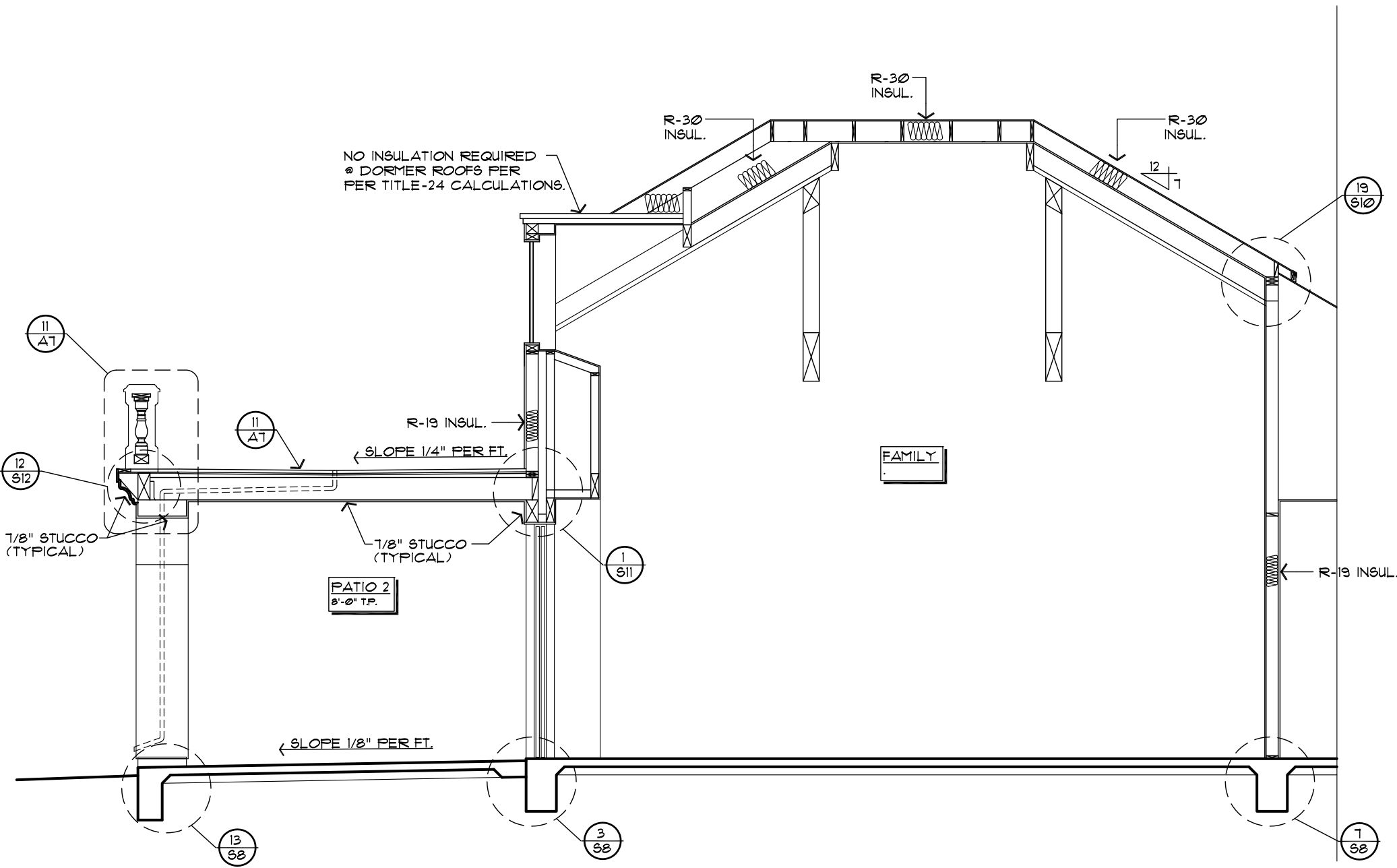
INSULATION FOR CONDITIONED SPACE: WALL CONSTRUCTION

ALL CEILINGS TO HAVE: R-30 EXTERIOR WALLS : 2x6 D.F. @ 16"o.c.

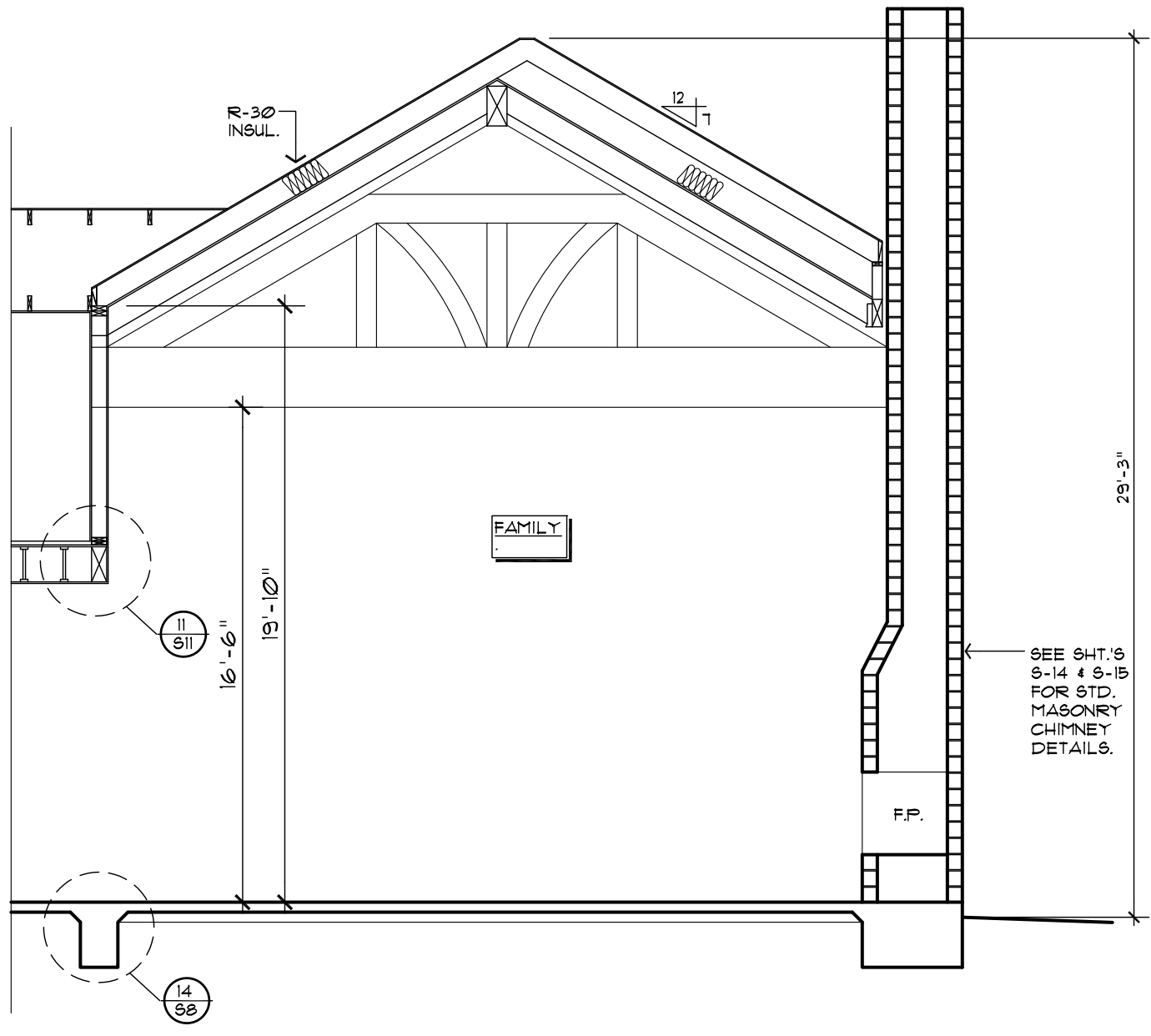
ALL EXTERIOR WALLS TO HAVE: R-19

ALL FLOORS EXPOSED TO THE OUTSIDE TO HAVE: R-19 INTERIOR WALLS: 2x4 D.F. @ 16"o.c.
2x6 D.F. @ 16"o.c.

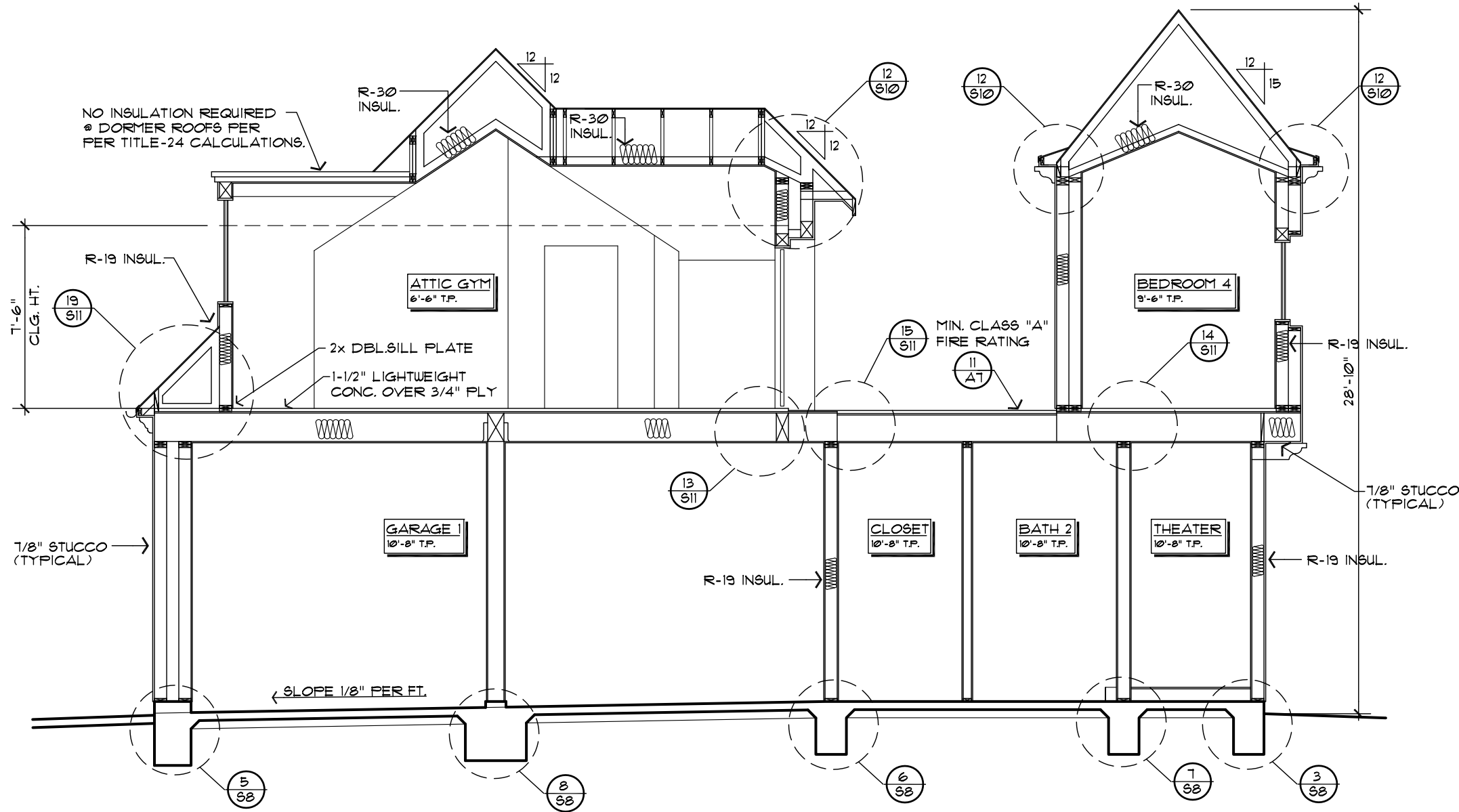
NOTE:
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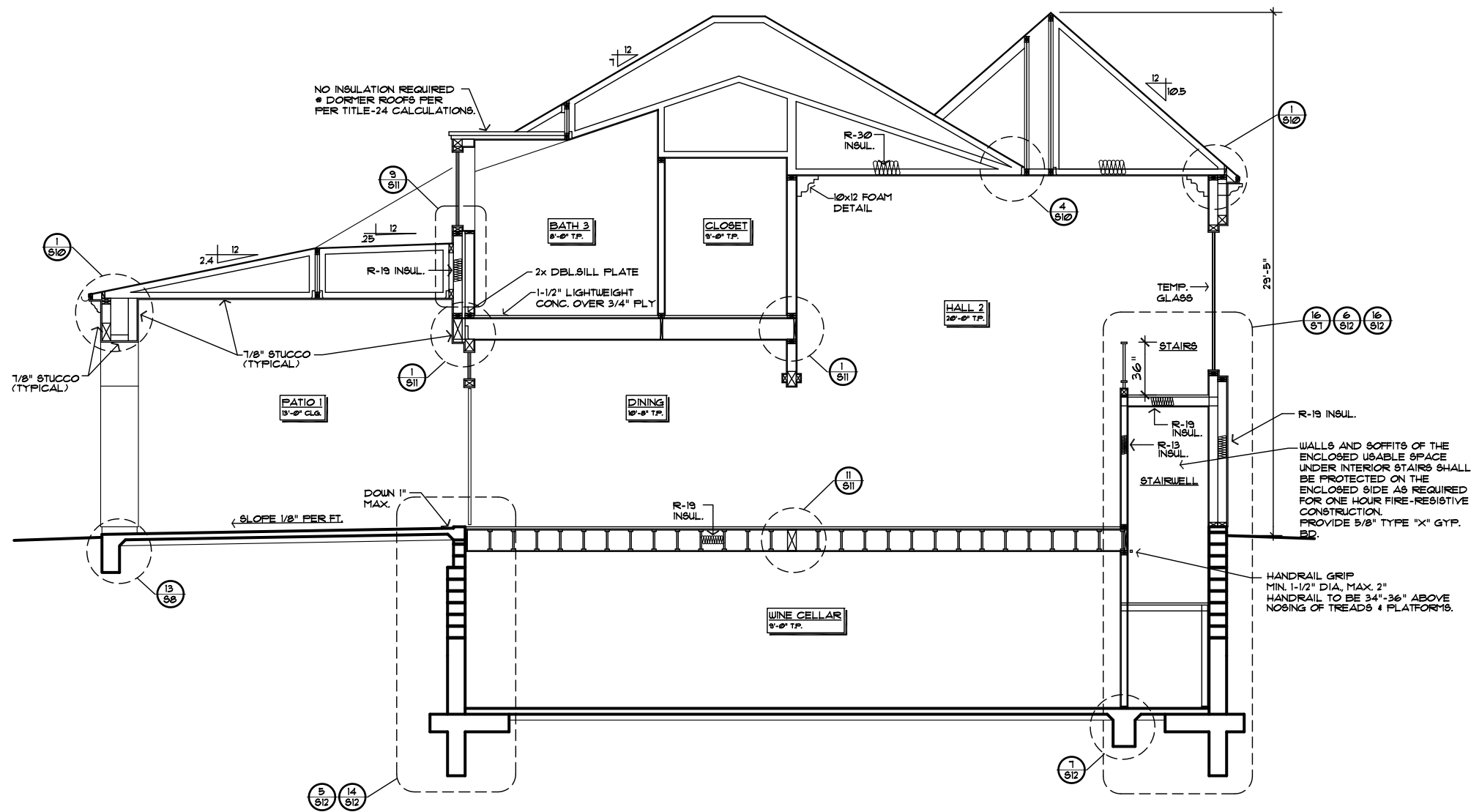
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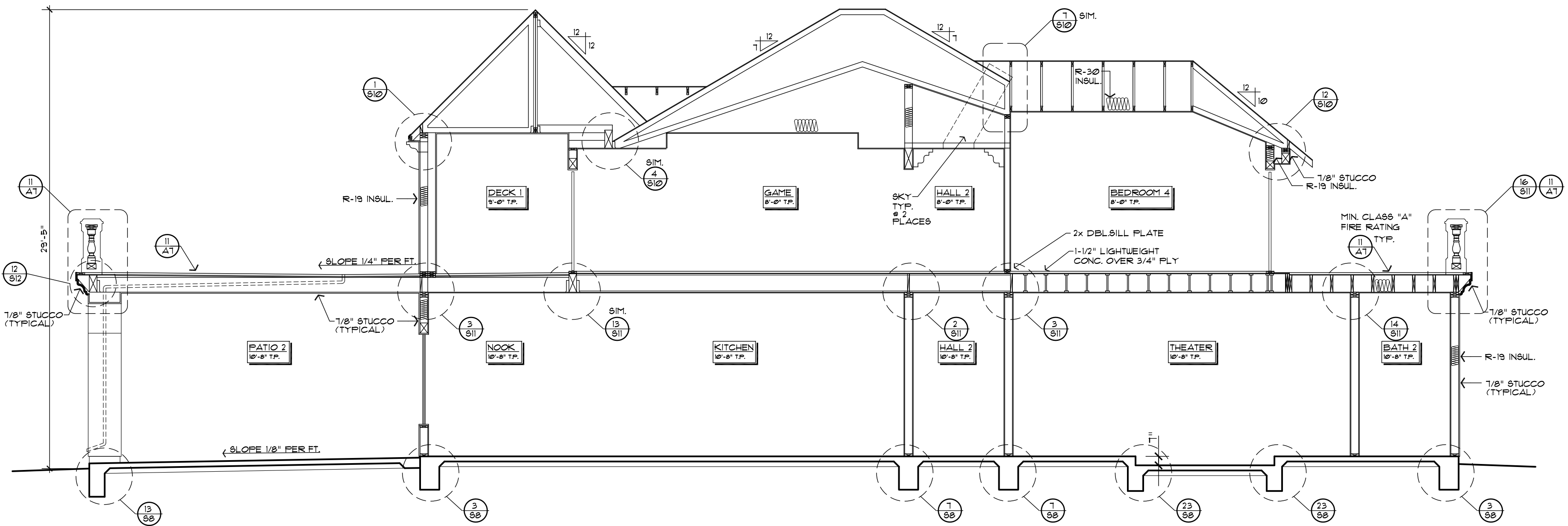
SECTION - 10



SECTION - 12



SECTION - 7



SECTION - 8

REVISIONS

SECTIONS

SCALE: 3/16" = 1'-0"

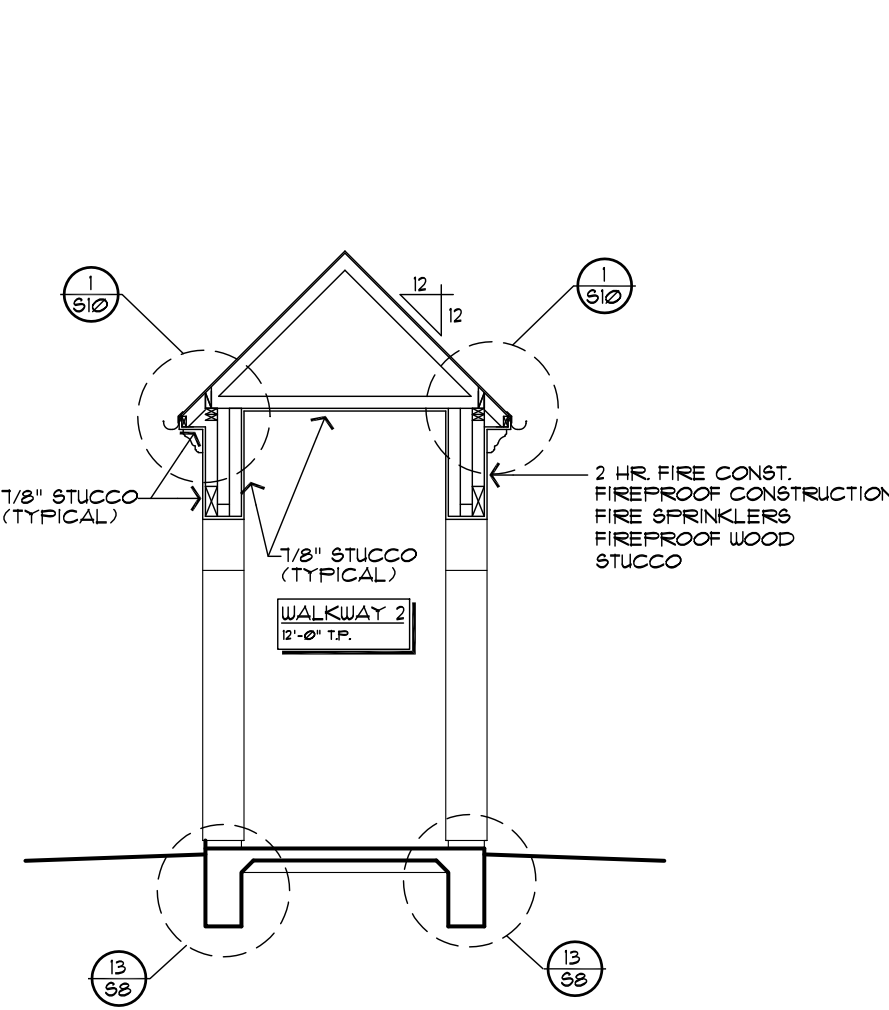
SECTION NOTES:

DRYWALL:
5/8" TYPE "X" GYPSUM BOARD AT ALL WALLS & CEILINGS (GARAGE INCLUDED).

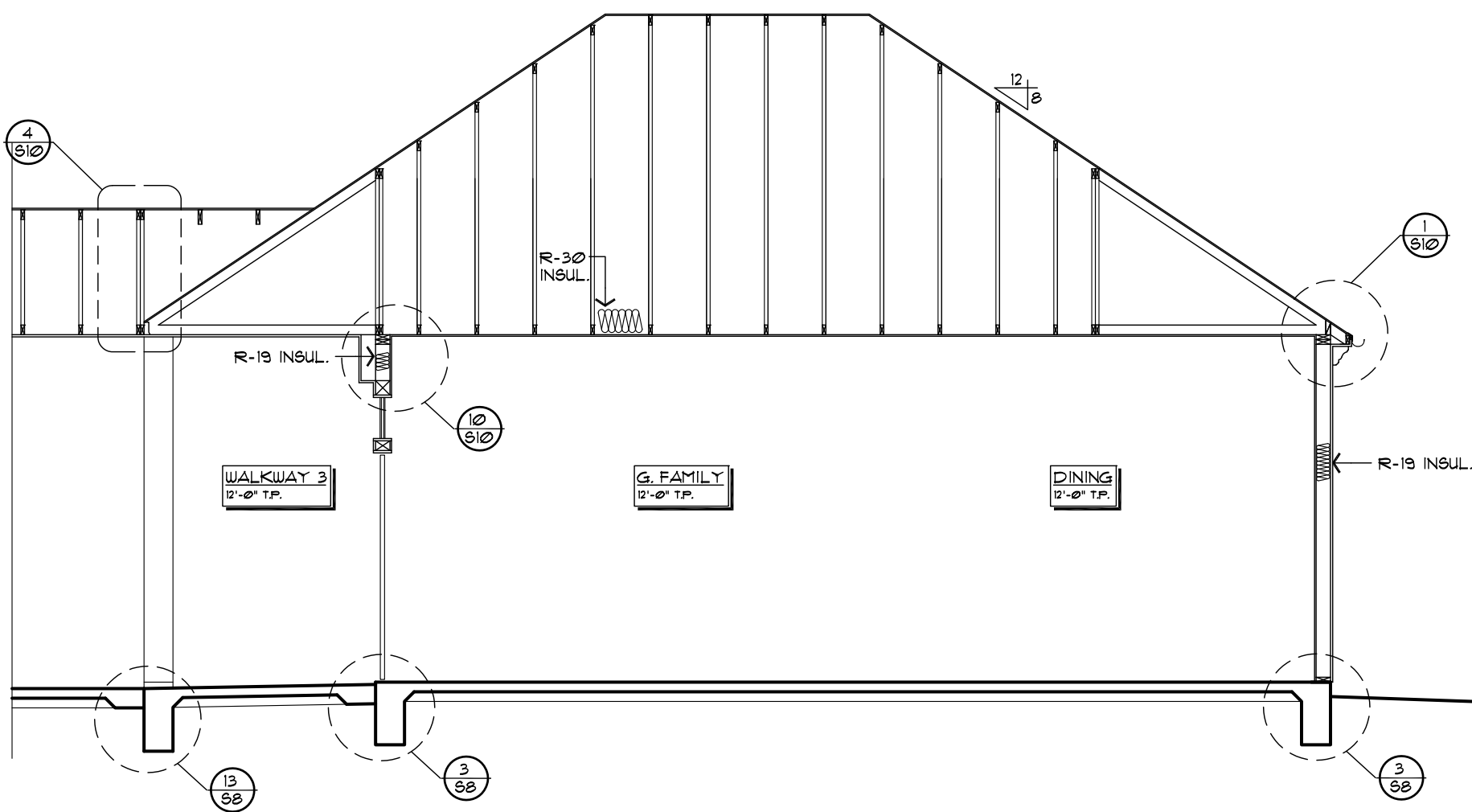
INSULATION FOR CONDITIONED SPACE:
ALL CEILINGS TO HAVE: R-30
ALL EXTERIOR WALLS TO HAVE: R-19
ALL FLOORS EXPOSED TO THE OUTSIDE TO HAVE: R-19

WALL CONSTRUCTION:
EXTERIOR WALLS: 2x6 D.F. @ 16"o.c.
INTERIOR WALLS: 2x4 D.F. @ 16"o.c.
2x6 D.F. @ 16"o.c.

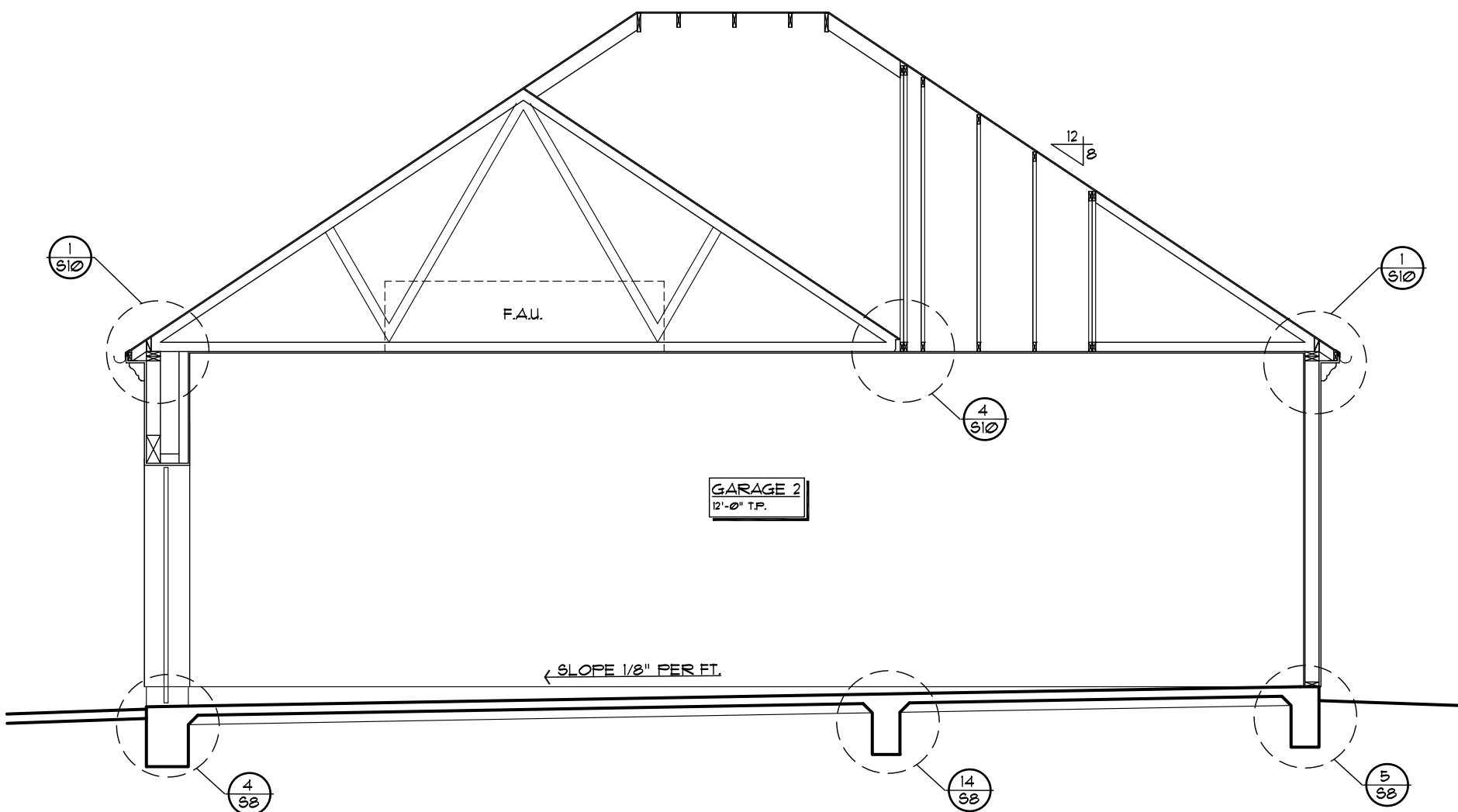
NOTE:
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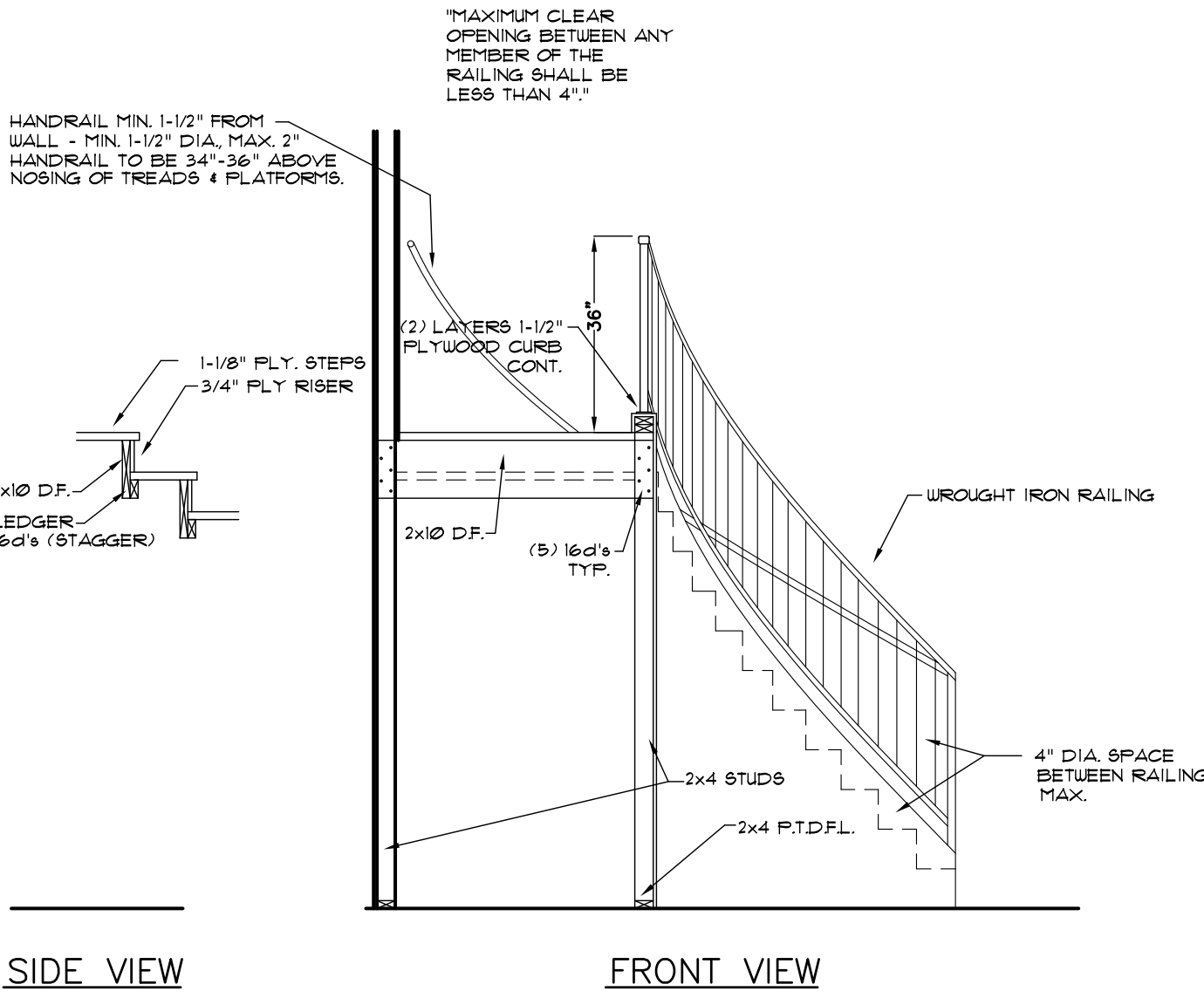
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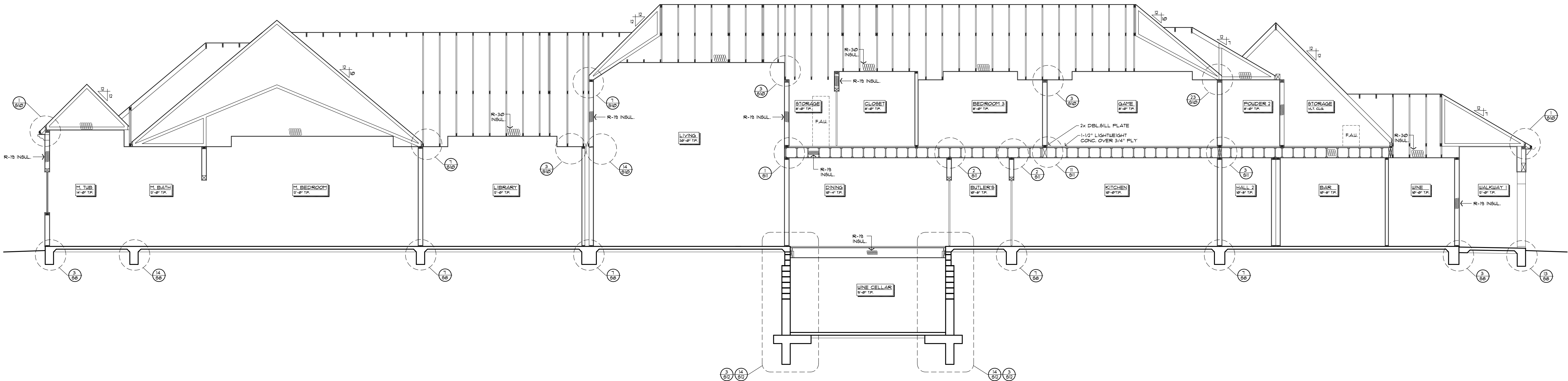
SECTION - 14



SECTION - 15



STAIRWAY DETAIL - 16



SECTION - 11

REVISIONS

SECTIONS
SCALE: 3/16" = 1'-0"