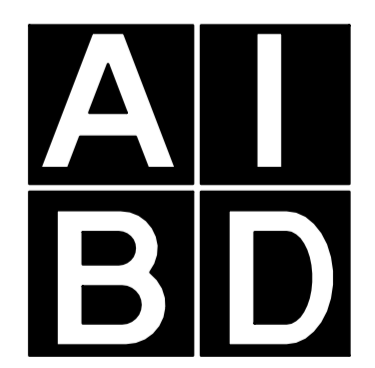
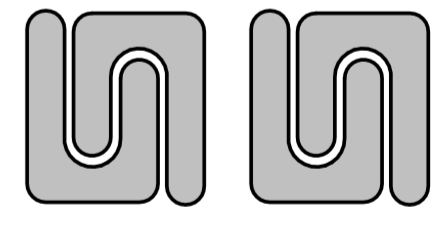
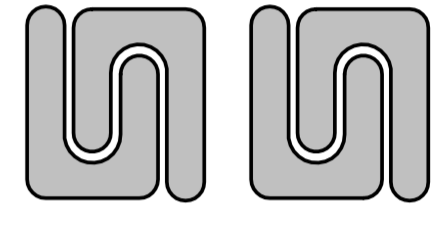


a design for:
Carnegie Custom Homes



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unless otherwise noted

- CARPET FLOORS
- 6YP. BOARD WALLS AND CEILING
- 9'-0" CLG. HT. AT FIRST FLOOR
- 11'-0" CLG. HT. AT SECOND FLOOR
- 10'-0" CLG. HT. AT THIRD FLOOR
- 8'-0" CLG. HT. AT ROOF DECK
- ALL ANGLES TO BE 45 DEGREES
- 1 3/4" S.C. DOORS
- 6'-8" DOOR HT. AT FIRST FLR.
- 8'-0" DOOR HT. AT SECOND FLR.
- 8'-0" DOOR HT. AT THIRD FLR.
- 6'-8" DOOR HT. AT ROOF DECK
- SINGLE HUNG ALUMINUM WINDOWS WITH DIVIDED LTS.
- 8'-0" HEADER HT. AT FIRST FLR.
- 8'-0" HEADER HT. AT SECOND FLR.
- 7'-0" HEADER HT. AT THIRD FLR.
- 7'-0" HEADER HT. AT ROOF DECK
- ALL BEDROOM WINDOWS TO BE 44" A.F.F. (MAX.)
- 24" HIGH X 20" WIDE (MIN.) OPENING WITH 5.7 SQ. FT. (MIN.) NET CLEAR OPENING WHEN DOORS ARE USED FOR EMERGENCY EGRESS, IT SHALL BE OPERATIONAL FROM THE INSIDE WITHOUT THE USE OF KEYS OR TOOLS.
- ALL SLAZING WITHIN HAZARDOUS LOCATIONS SHALL HAVE SAFETY GLASS IN COMPLIANCE WITH R308 (IRC 2006)
- ALL EGRESS DOORS SHALL HAVE LOCKS ALLOWING EGRESS WITHOUT THE USE OF A KEY AND MEET R310 & R311.
- SMOKE DETECTORS REQUIRE 110V CONNECTION TO HOUSE WIRING AND BATTERY BACKUP. LOCATIONS TO COMPLY WITH R315 (IRC 2006). MULTIPLE UNITS SHALL BE INTERCONNECTED TO ACTIVATE ALL ALARMS. CONSULT MANUF. RECOMMENDATIONS FOR DISTANCE FROM R/A.
- LOCATE GAS WATER HEATER IN ATTIC ABV. LOAD BEARING PARTITION IN PAN WITH RELIEF DRAIN LINE TO OUTSIDE. INSTALLATION MUST COMPLY WITH MANUF. INSTRUCT. AND ALL APPL. CODES.
- PROVIDE VENTILATION AT ALL BATHS AND UTILITY ROOMS THROUGH NATURAL OR MECH. MEANS AND COMPLY WITH R303 (IRC 2006)
- CHIMNEYS TO BE 3'-0" MIN. ABV. THE HIGHEST POINT WHERE THEY PASS THROUGH THE ROOF AND AT LEAST 2'-0" MIN. HIGHER THAN ANY PORTION OF THE ROOF WITHIN A 10'-0" RADIUS
- ALL PREFAB FIREPLACES TO BE UL & IRC 2006 APPROVED & A COPY OF THE MANUF. INSTALLATION MANUAL SHALL BE AVAILABLE @ JOB SITE FOR INSPECTOR'S REVIEW
- A CARBON MONOXIDE DETECTOR SHALL BE INSTALLED IN BEDROOMS WHEN A GAS FIREPLACE IS INSTALLED.
- STAIRWAYS SHALL COMPLY WITH R311 (IRC 2006) SEE DETAIL SHT.
- HANDRAILS TO BE 34" TO 36" ABV. NOSE OF TREAD
- ALL GUARDRAILS AND HANDRAILS SHALL COMPLY WITH R311 (IRC 2006)
- GUARDRAILS TO BE 36" A.F.F. (MIN) WITH BALUSTERS AT 4" O.C. MAX. PER R311 & R312 (IRC 2006) SEE DETAIL SHT.
- HANDGRIPPING PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1 1/4" NOT MORE THAN 2" IN CROSS SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AND EQUIV. GRIPPING SURFACE PER R311 (IRC 2006)
- ENCLOSE UNDERSIDE OF STAIRWELL WITH 5/8" TYPE 'X' FIRE CODE 6YP. BOARD
- SIZE AND NUMBER OF NAILS CONNECTING WOOD MEMBERS SHALL COMPLY WITH IRC 2006 TABLE R602.3 (1) & (3) (2) (OR EQ.) REFER TO STANDARD DETAIL SHEET
- DISAPPEARING STAIRS TO BE MIN. 22" X 30" CLEAR OPENING (30" X 54" R.O.) & SHALL COMPLY WITH R801 (IRC 2006). INDIVIDUAL STAIR TREADS SHALL BE DESIGNED FOR UNIFORMLY DISTRIBUTED LIVE LOAD OR A 350 LB CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQ. INCHES, WHICHEVER PRODUCES THE GREATEST STRESS
- ATTIC ACCESS/DISAPPEARING STAIRS IN THE GARAGE CLG. MAY BE INSTALLED PROVIDED THE EXPOSED PANEL IS NOT LESS THAN 3/8" THICK FIRE RETARDANT TREATED PLYWOOD, 1/2" SHEET ROCK OR COVERED W/ A MIN. OF 16GA SHEET METAL. ROUGH OPENING SHALL NOT BE LESS THAN 22"X30" AS PER IRC 2006 SECTION R801.1 COMPLY W/ R304.2.

bath schedule

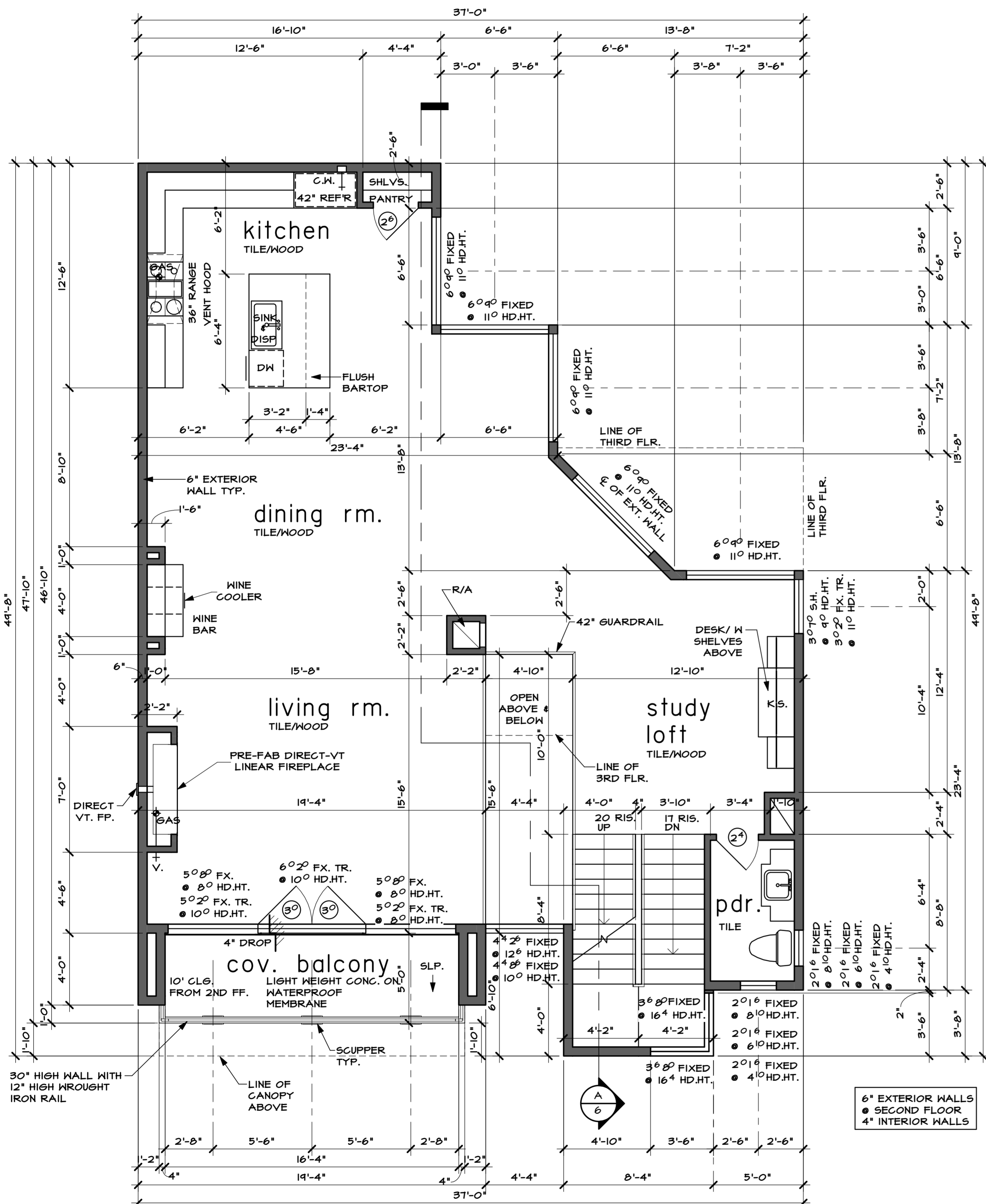
- TILE FLOORS (AT NET AREAS)
- TILE WALLS AT TUB (SECONDARY BATHS)
- TILE FULL AT SHOWER
- SOLID SURFACE COUNTER TOPS AND SPLASHES
- ALL GLASS AT TUBS AND SHOWNERS SHALL BE TEMPERED SAFETY GLASS AND MUST COMPLY WITH R308 (IRC 2006)
- SHOWER STALLS AND TUB (WITH SHOWER HEADS) WALLS TO BE FINISHED WITH NON ABSORBENT SURFACE TO A HT. OF NOT LESS THAN 12" ABV. DRAIN INLET OVER CONCRETE BACKERBOARD R307.
- ALL PLUMBING FIXTURES SHALL BE SPACED PER R307.2 (IRC 2006)

square footage

FIRST FLOOR PLAN	775
SECOND FLOOR PLAN	1310
THIRD FLOOR PLAN	1323
LANDING	143
TOTAL LIVING AREA	3601
GARAGE	384
PORTICO	77
PAVILION	152
PORCH	17
COV. BALCONY	44
MECHANICAL	188
TOTAL COVERED AREA	4513
ROOF TERRACE	451
SUBTOTAL	4464

first & second floor plan

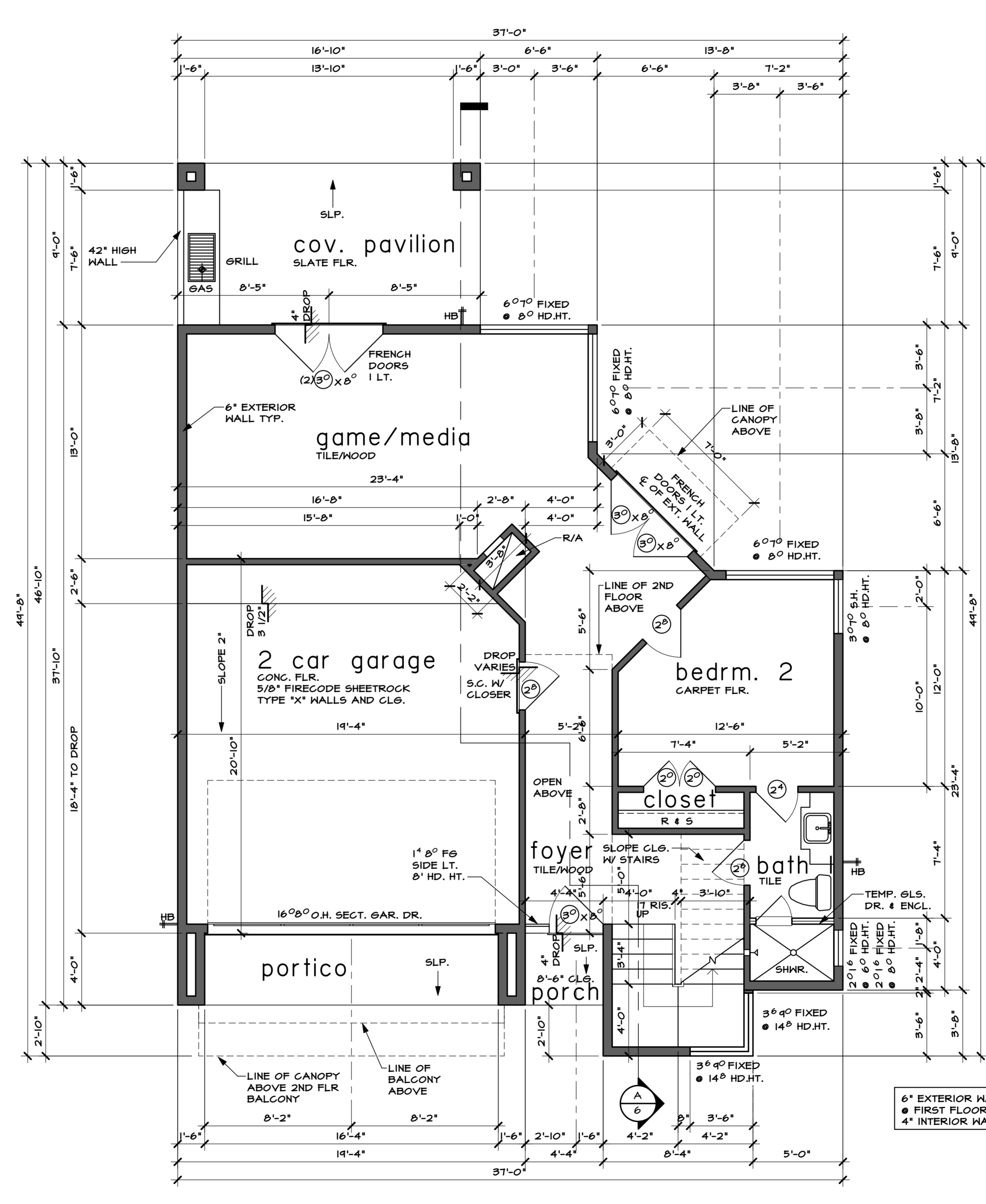
SCALE: 1/4" = 1'-0"



second floor plan

SCALE: 1/4" = 1'-0"

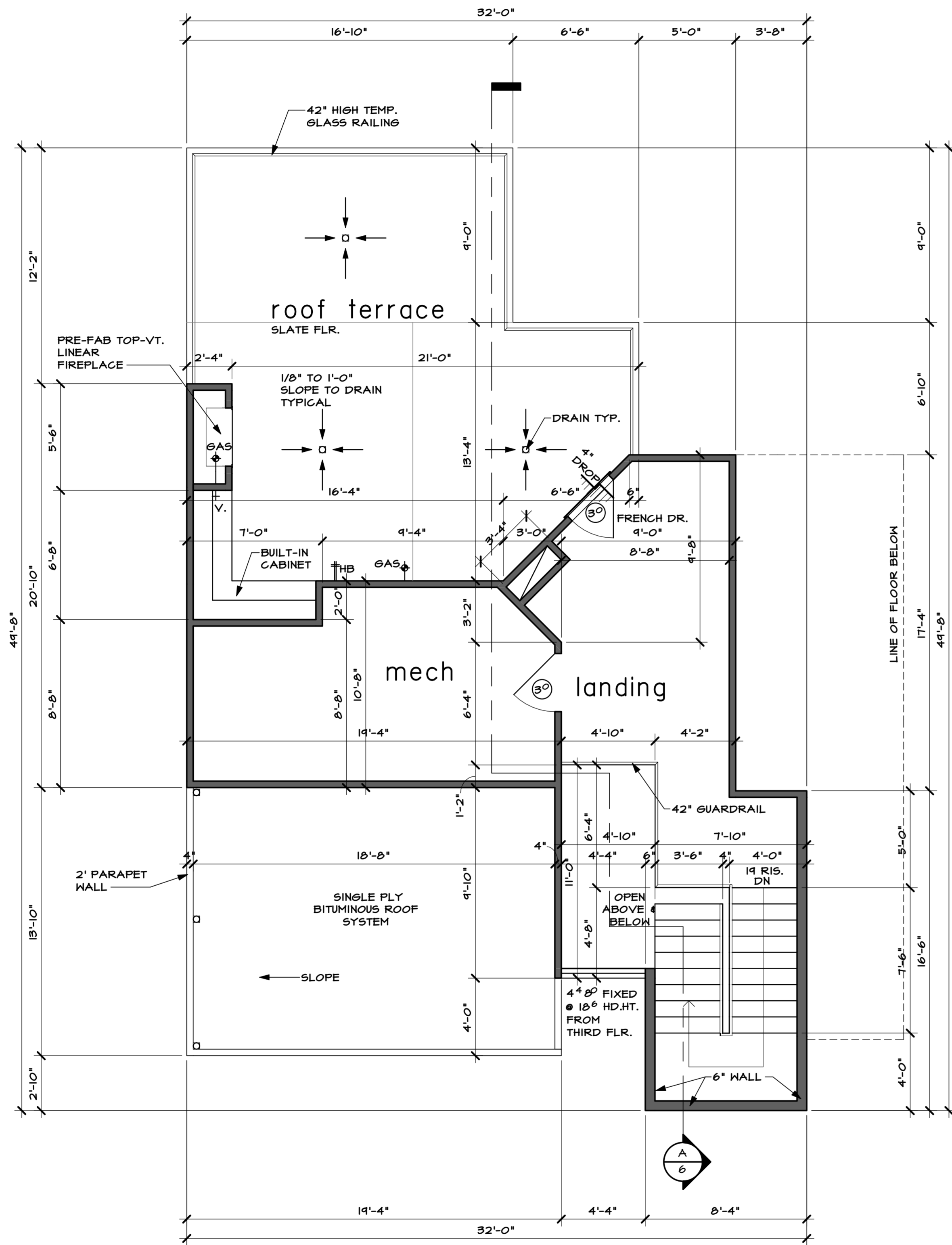
NOTE:
THE STRUCTURAL DESIGN OF THE STAIRS INCLUDING LOAD CARRYING CAPABILITY, STABILITY STRENGTH AND CONNECTIONS TO SUPPORT MEMBERS, ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE FRAMING CONTRACTOR. THE STRUCTURAL DESIGN HAS NOT BEEN REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD OR SULLIVAN HENRY OGGERO & ASSOC., INC.



first floor plan

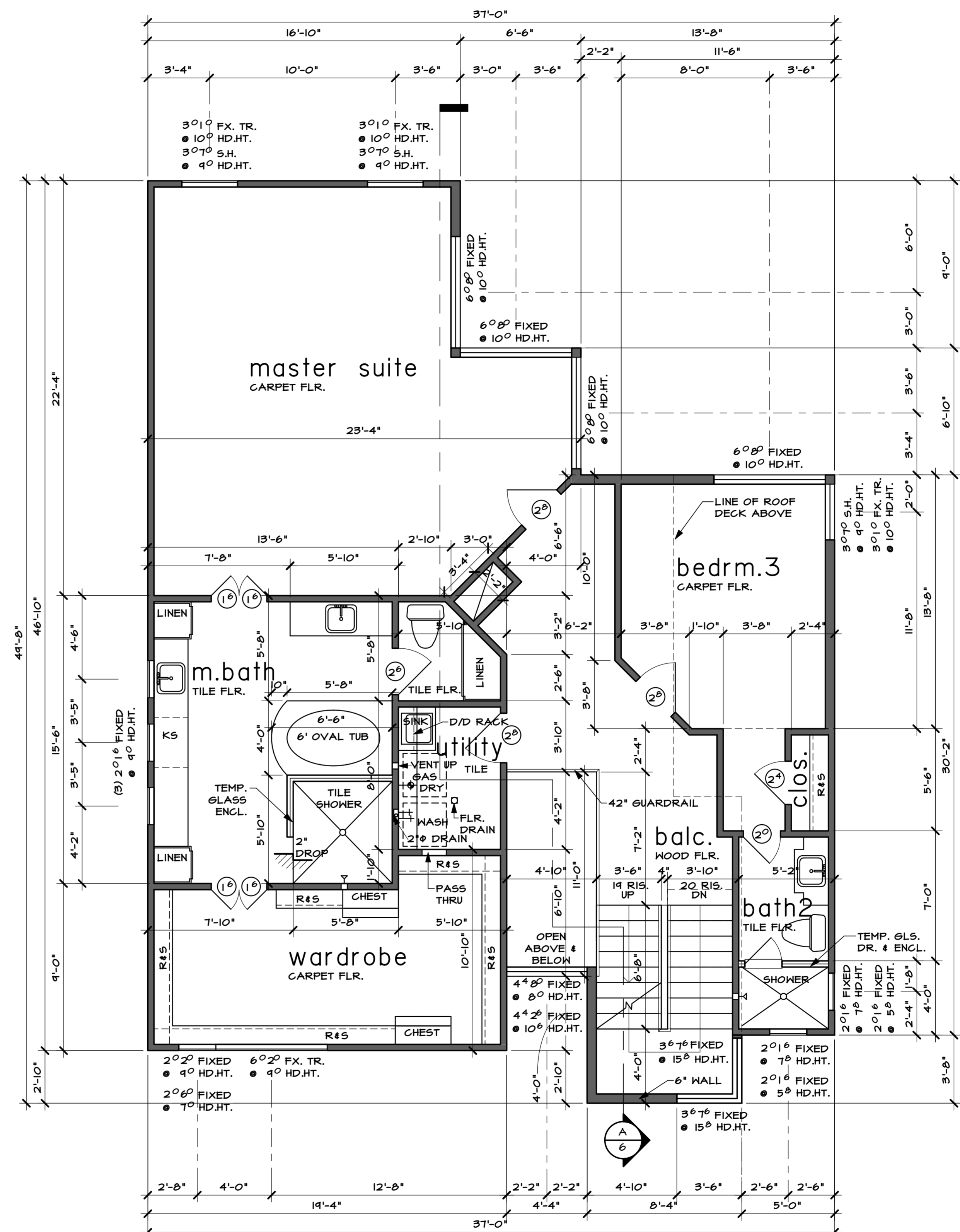
SCALE: 1/4" = 1'-0"

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roof terrace

SCALE: 1/4" = 1'-0"



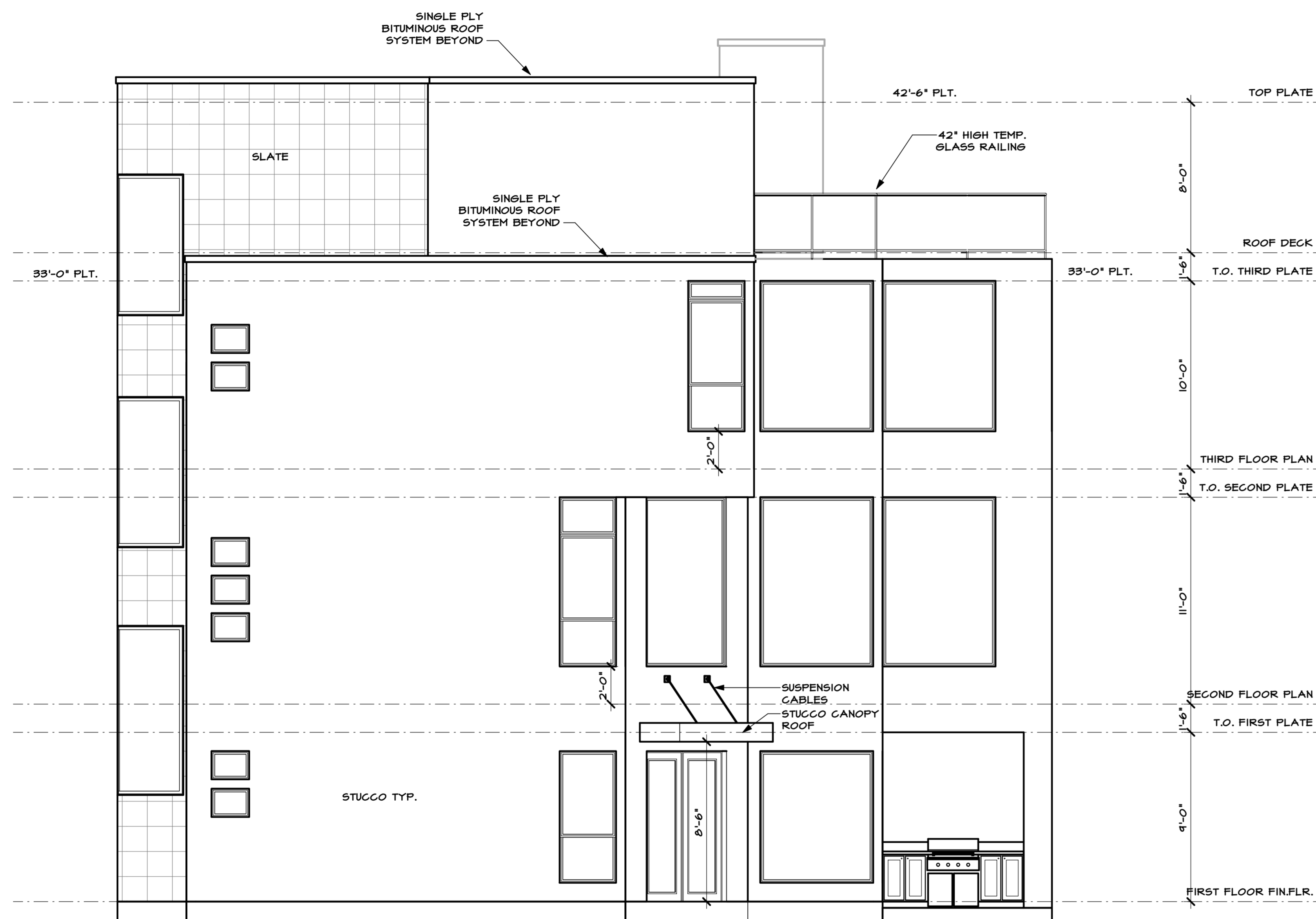
third floor plan

SCALE: 1/4" = 1'-0"

NOTE:
LOCATE ADDITIONAL DUCT CHASE TO 2ND. FLOOR AS
REQUIRED. COORDINATE WITH H.V.A.C. CONTRACTOR,
AND TO BE APPROVED BY OWNER/BLDR.

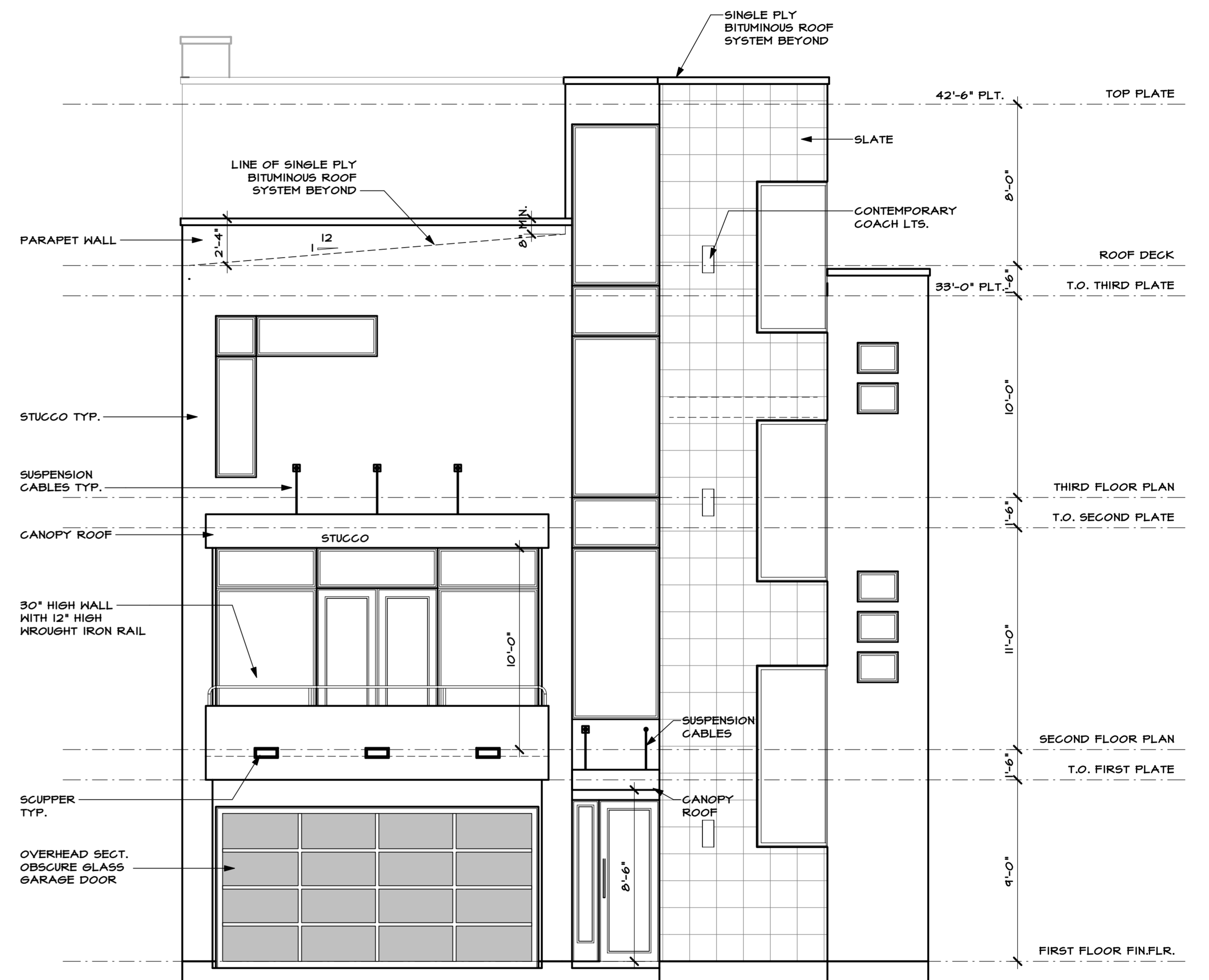
third floor plan & roof deck

SCALE: 1/4" = 1'-0"



right side elevation

SCALE: 1/4" = 1'-0"



front elevation

SCALE: 1/4" = 1'-0"

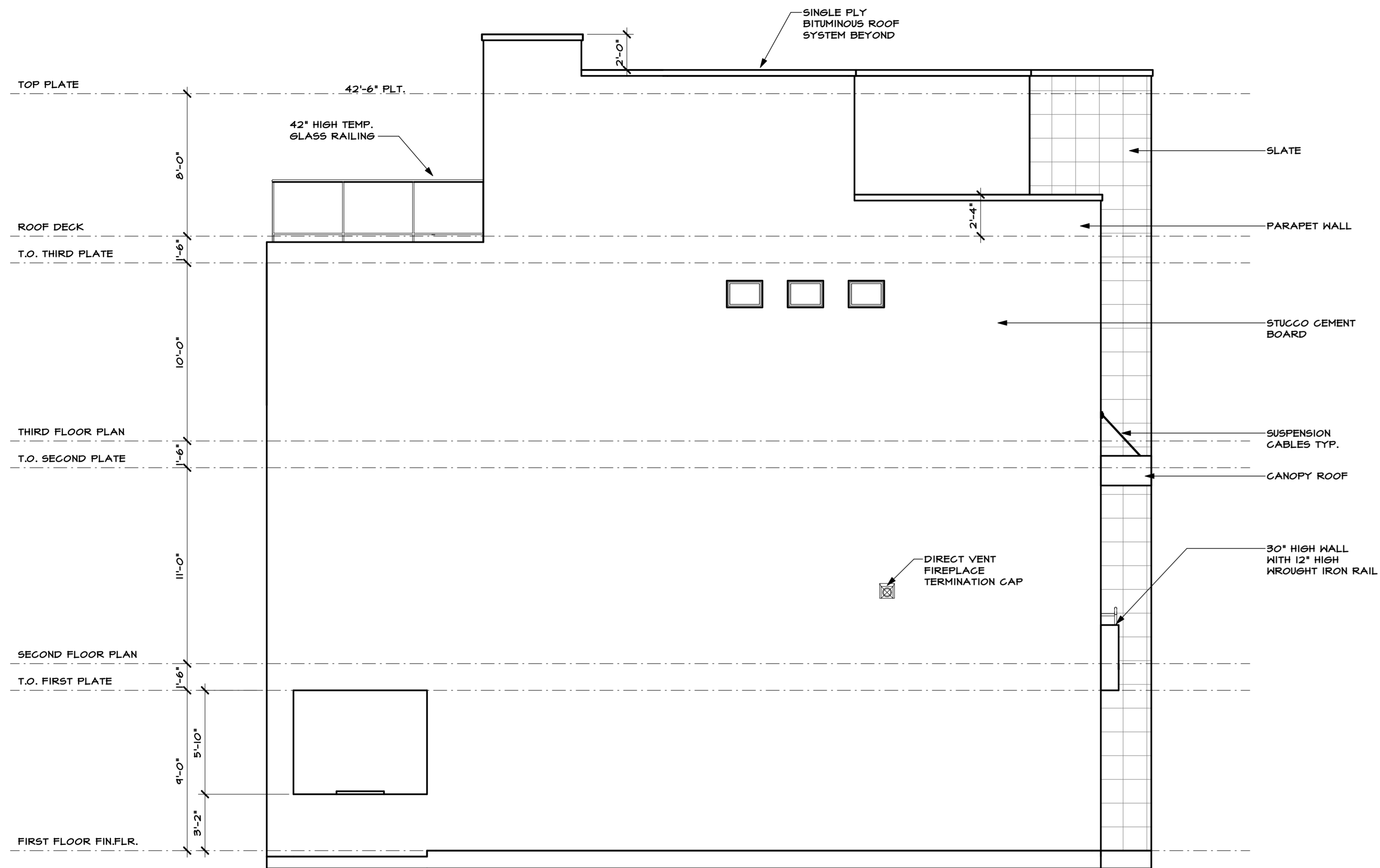
elevation notes

- PROVIDE SPARK ARRESTORS AT CHIMNEYS TO COMPLY WITH IRC 2006, WITH 1/2" GAP MAX.
- GUTTERS AND DOWNSPOUTS PER BUILDER.
- WINDOW SILLS SHALL BE 24" A.F.F. MIN ABV THE FIRST FLOOR. WINDOWS LESS THAN 24" A.F.F. SHALL BE FIXED OR HAVE OPENINGS THROUGH WHICH A 4" DIA. SPHERE CANNOT PASS.

front / right elevations

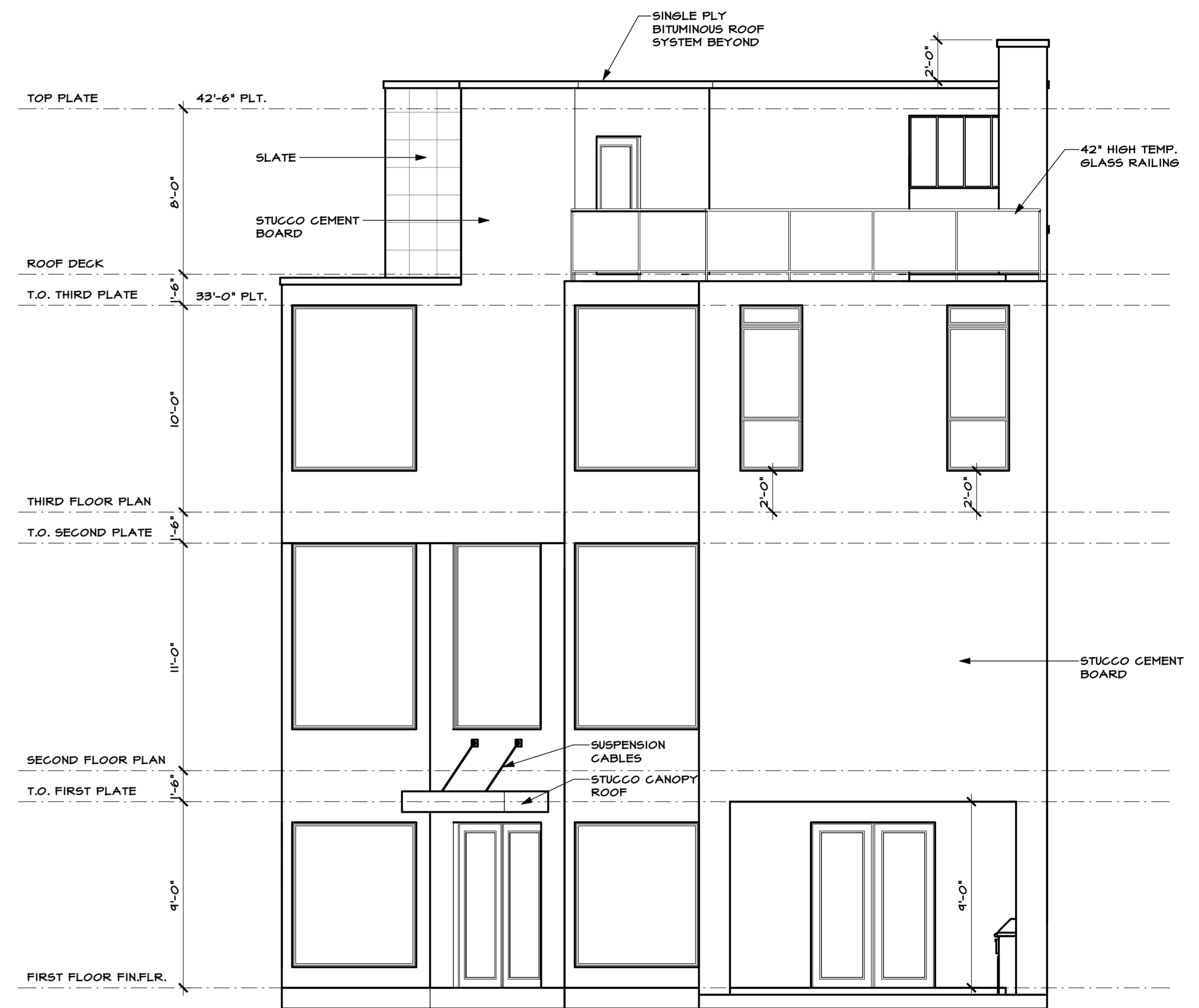
SCALE: 1/4" = 1'-0"

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 F:\BUILDING\ARCHITECTURE\INTERIOR\3D\030519 CARNESE - INCLUDE AND LAMPASAS\030519 CARNESE.dwg



left elevation

SCALE: 1/4" = 1'-0"



rear elevation

SCALE: 1/4" = 1'-0"

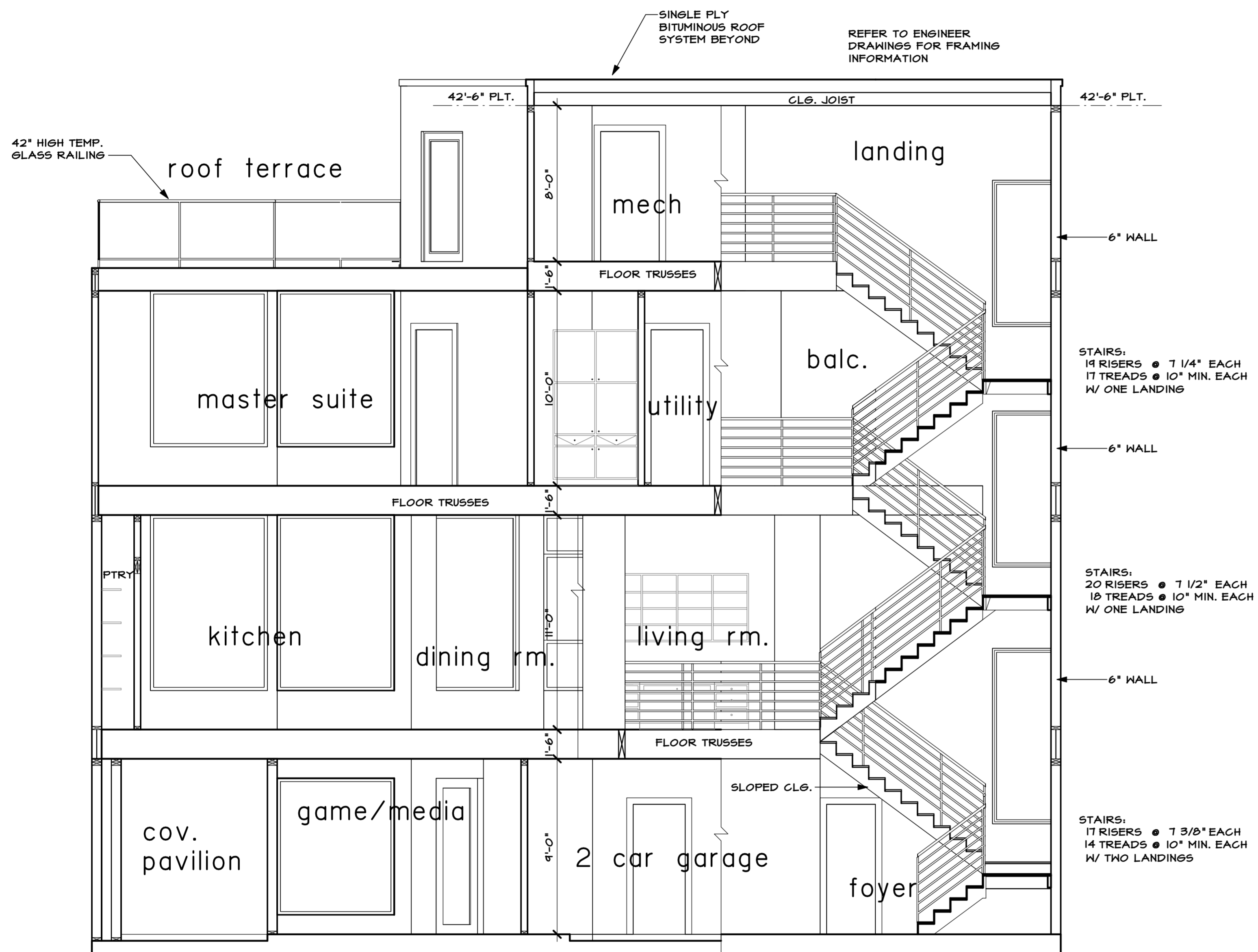
elevation notes

- PROVIDE SPARK ARRESTORS AT CHIMNEYS TO COMPLY WITH IRC 2006, WITH 1/2" GAP MAX.
- GUTTERS AND DOWNSPOUTS PER BUILDER.
- WINDOW SILLS SHALL BE 24" A.F.F. MIN ABV THE FIRST FLOOR. WINDOWS LESS THAN 24" A.F.F. SHALL BE FIXED OR HAVE OPENINGS THROUGH WHICH A 4" DIA. SPHERE CANNOT PASS.

rear / left elevations

SCALE: 1/4" = 1'-0"

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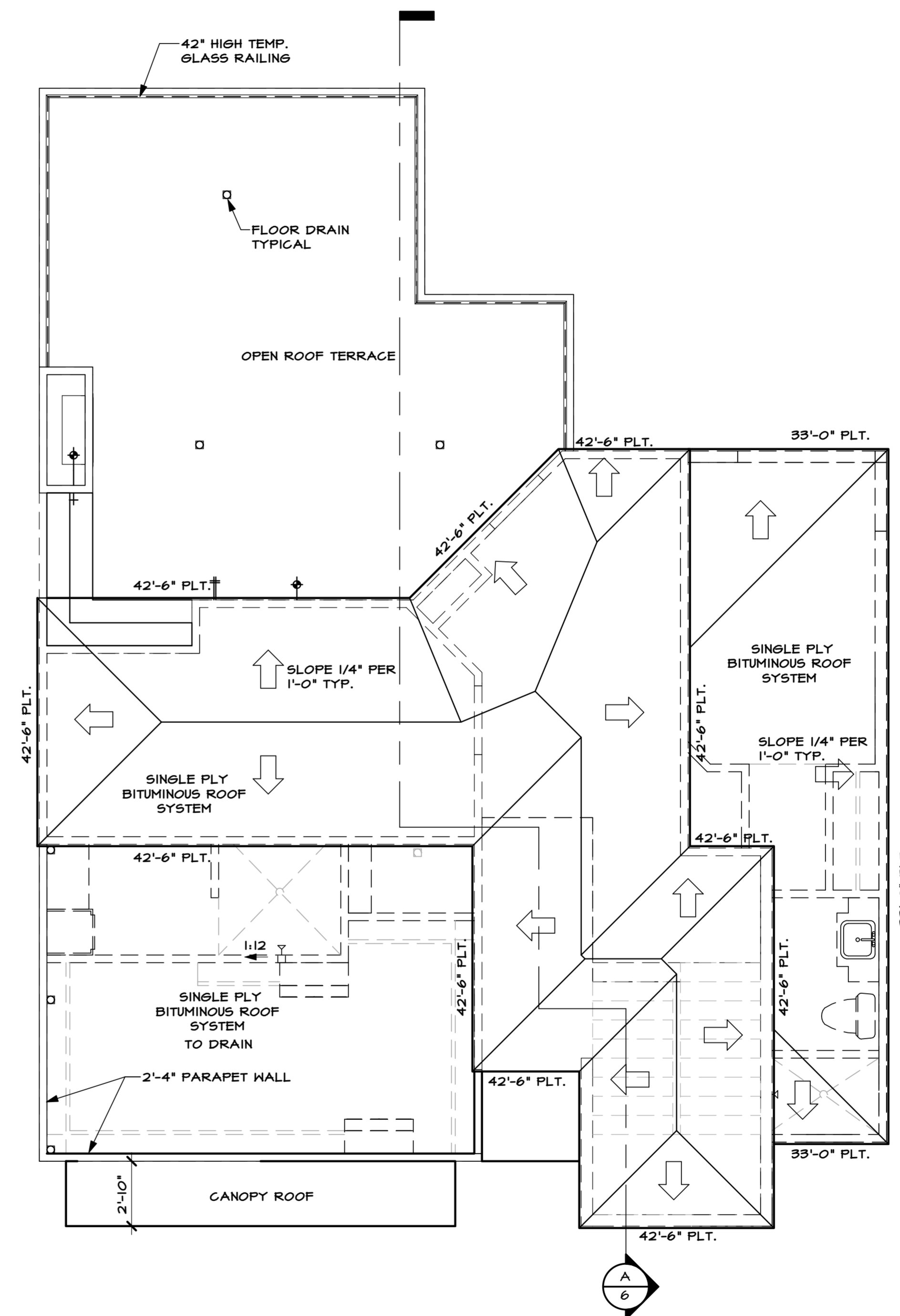


building section A

SCALE: 1/4" = 1'-0"

section notes

- ALL LOAD BEARING STUDS TO BE 16" O.C.
- JOISTS SHALL BE SUPPORTED Laterally AT EACH END AND AT SUPPORT PER R602 (IRC 2006.)
- SOLID BLOCKING SHALL NOT BE LESS THAN 2" IN THICKNESS AND MUST BE THE FULL DEPTH OF JOIST PER R602 (IRC 2006.)
- ALL EXTERIOR WALLS AND MAIN CROSS-STUD PARTITIONS SHALL BE EFFECTIVELY BRACED AT EACH END OR AS NEAR THERETO AS POSSIBLE, AND AT LEAST EVERY 25' OF LENGTH PER IRC 2006.
- PURLIN BRACE SHALL BE 45 DEGREES OR GREATER AND SHALL NOT EXCEED 8' IN LENGTH WITHOUT LATERAL SUPPORT OR STIFFENERS (SEE ENGINEER'S DATA ATTACHED).
- ATTIC ACCESSES ARE PROVIDED ON PLAN TO SERVICE MECH. EQUIP. AND LIMITED LIGHT STORAGE.



roof plan

SCALE: 1/4" = 1'-0"

roof notes

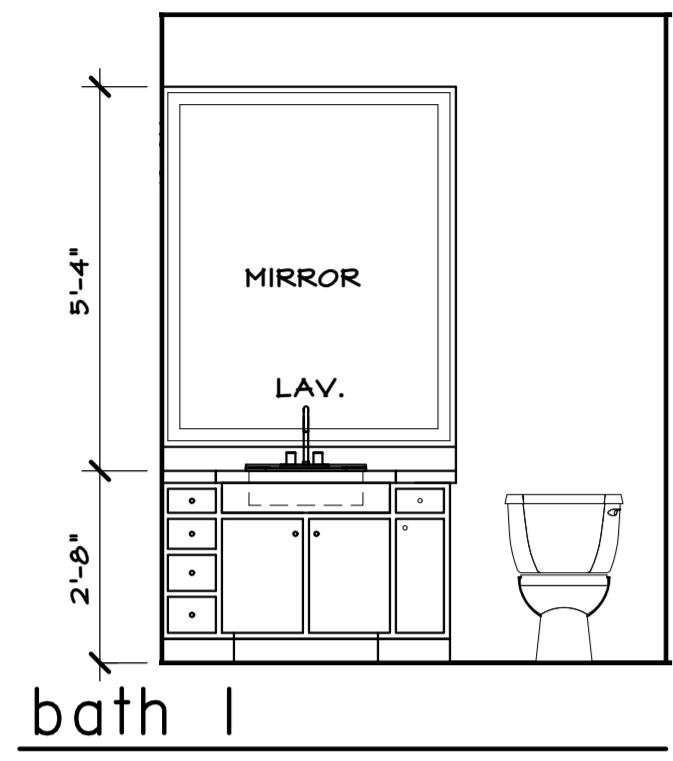
- CRICKETS SHALL BE APPLIED TO ROOF DECKING.
- ROOF PITCHES AS INDICATED HEREON.
- DOUBLE FRAMING AROUND CHIMNEYS, DORMERS, SKYLTS, AND ANY MAJOR ROOF OPENINGS.
- OUTLOOKERS TO BE 2X4 AT 16" O.C.
- RAKES TO BE 8" UNLESS OTHERWISE NOTED.
- FASCIAS AND RAKE BOARDS TO BE 1X6.
- ATTIC VENTILATION CALCULATIONS SHALL BE PROVIDED BY HVAC CONTRACTOR AND SHALL COMPLY WITH CODE REQUIREMENTS R 906 AND OTHER RELATED SECTIONS.

- ① HIP
- ② VALLEY
- ③ RIDGE
- ④ PURLIN
- ⑤ OUTLOOKERS
- ⑥ CRICKET
- ⑦ KICKOUTS

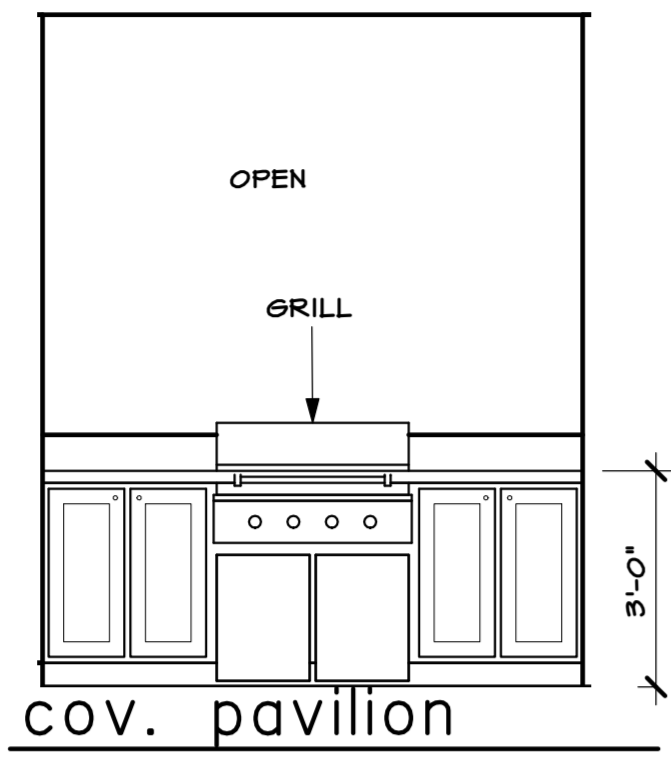
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roof plan & section

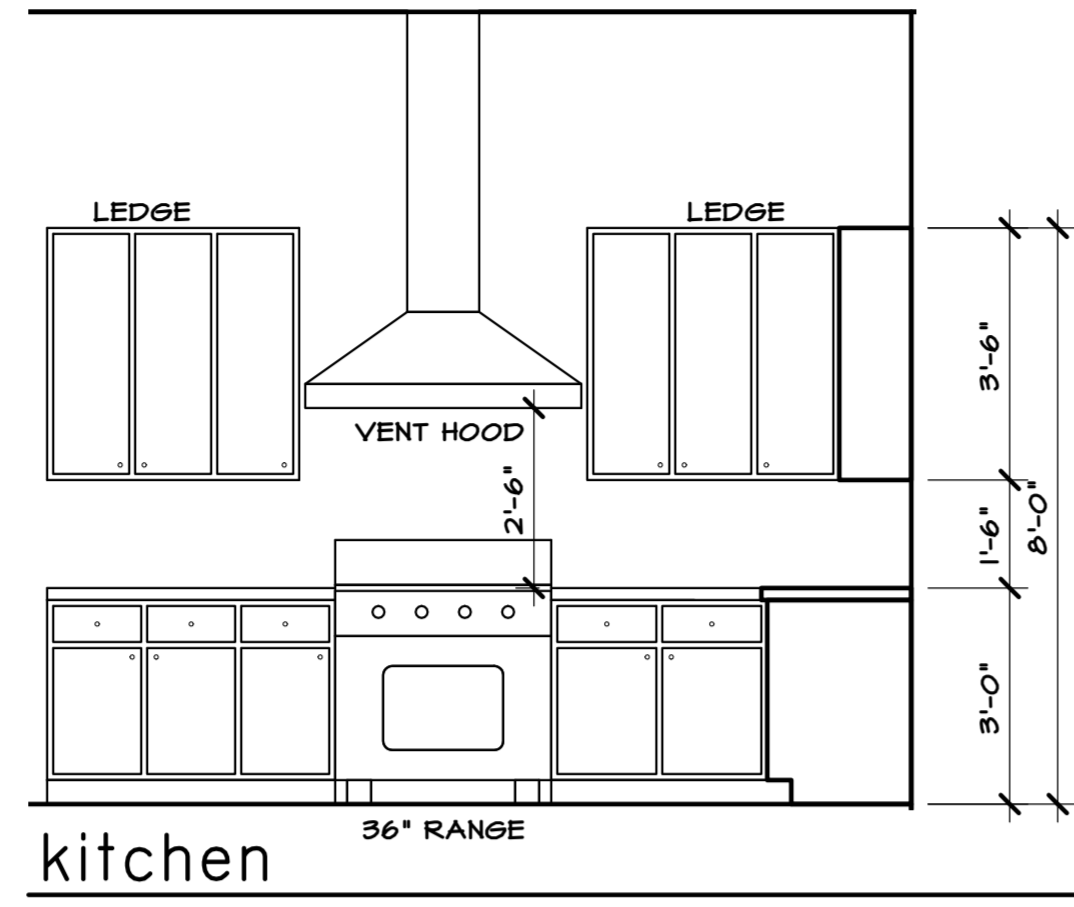
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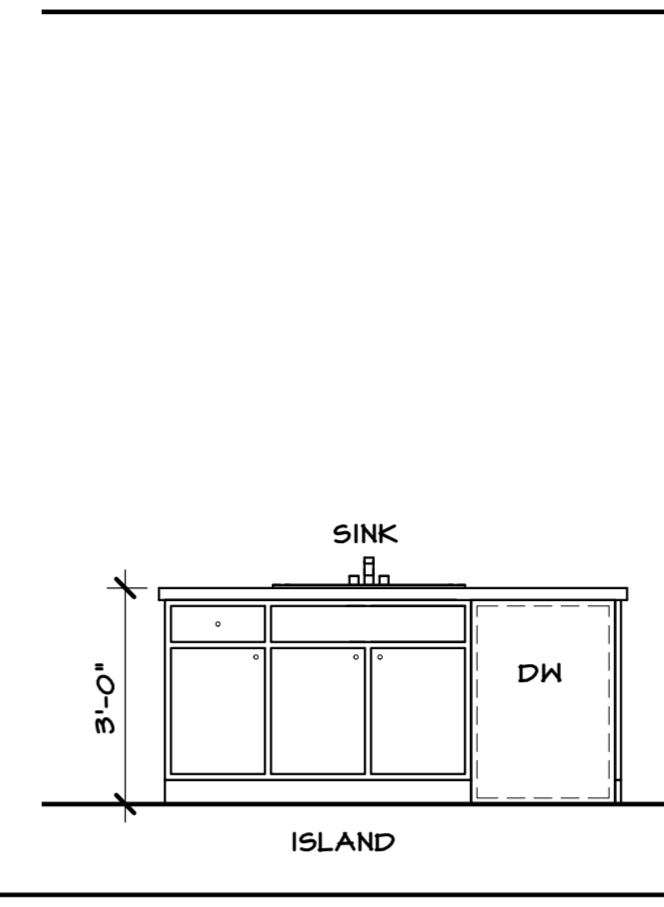
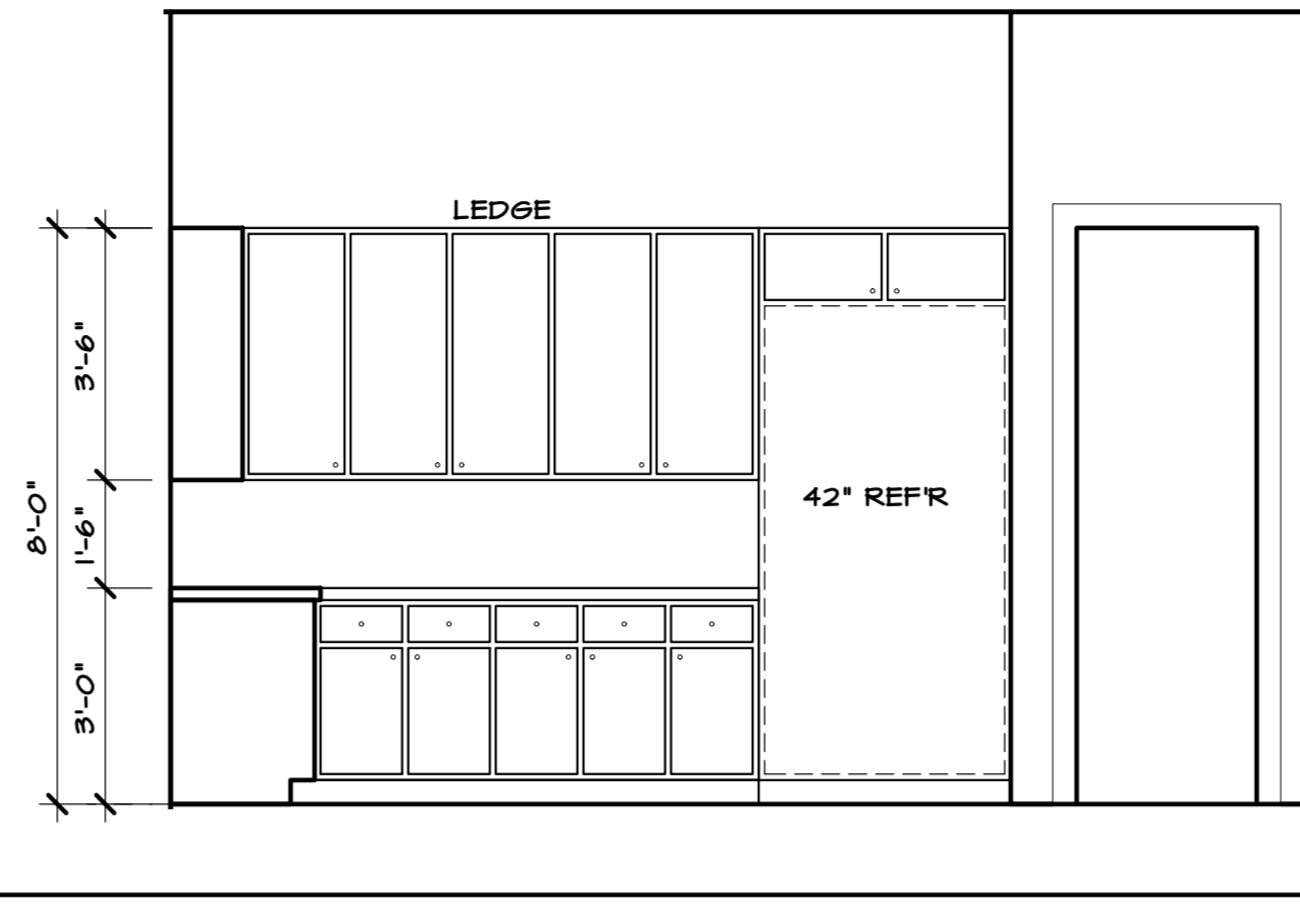
bath 1



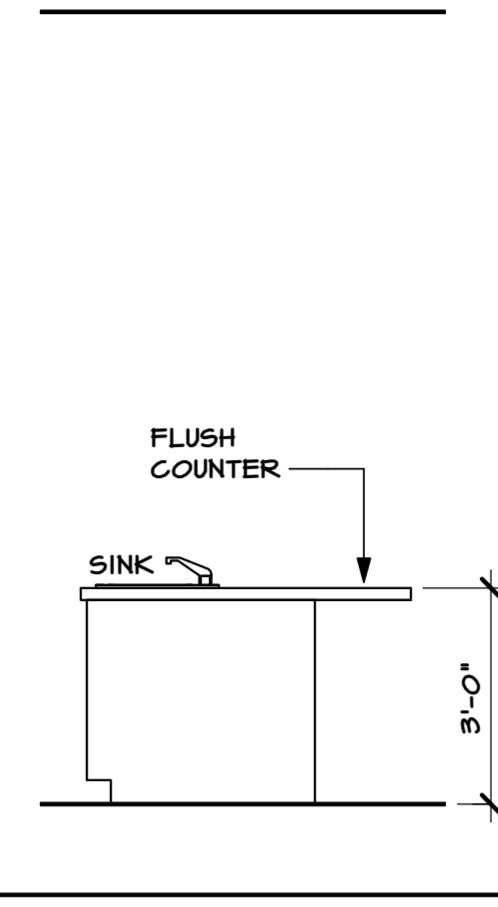
cov. pavilion



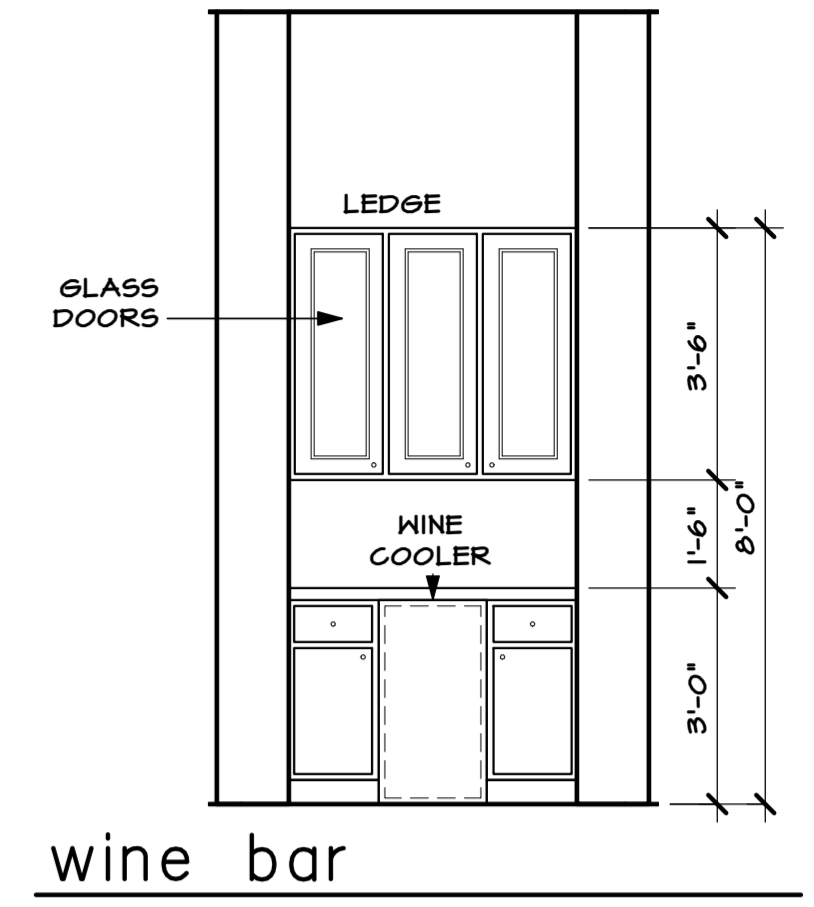
kitchen



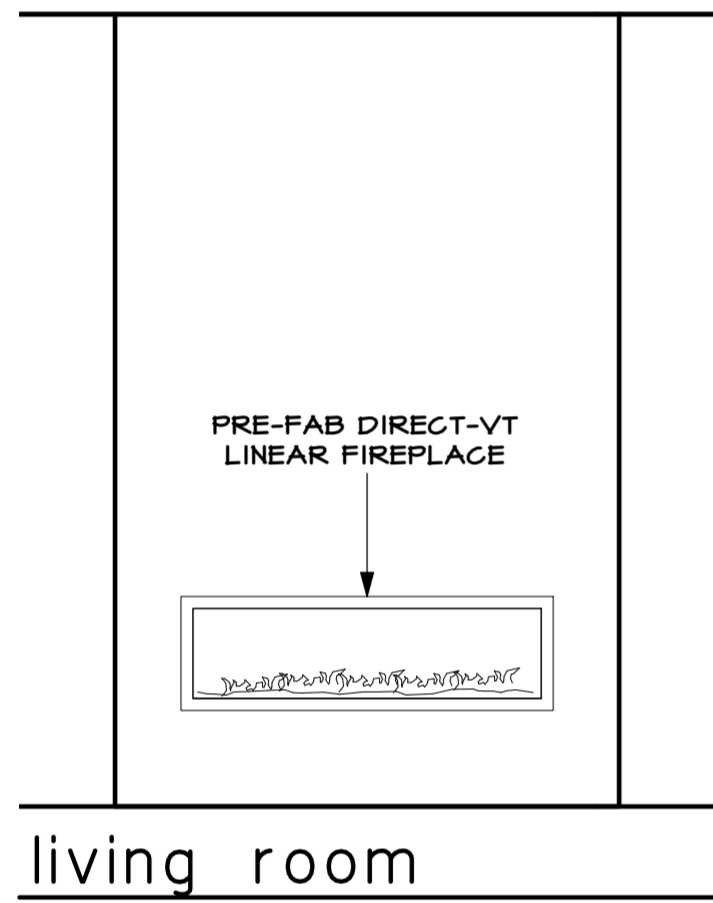
ISLAND



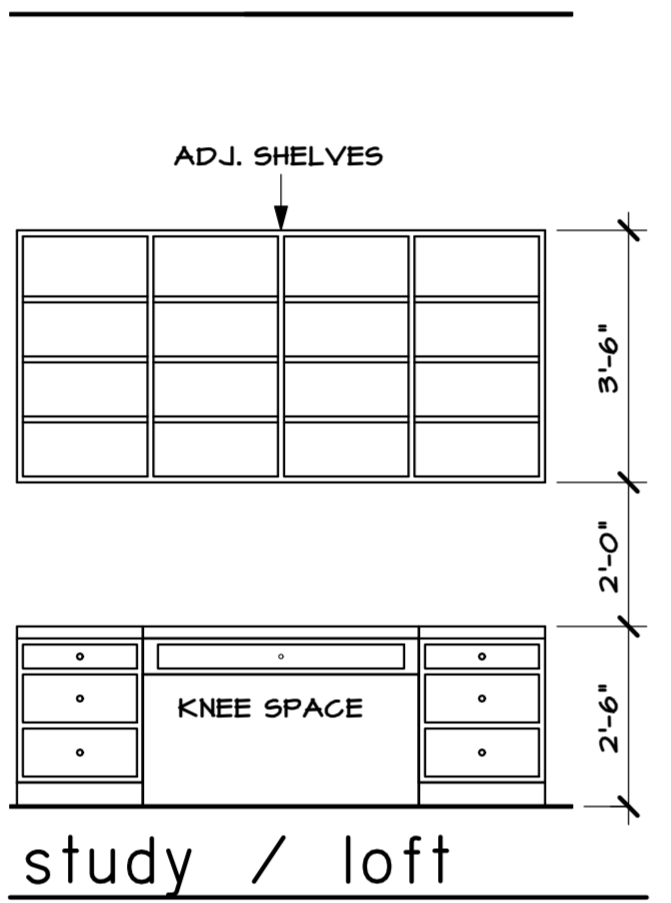
FLUSH COUNTER



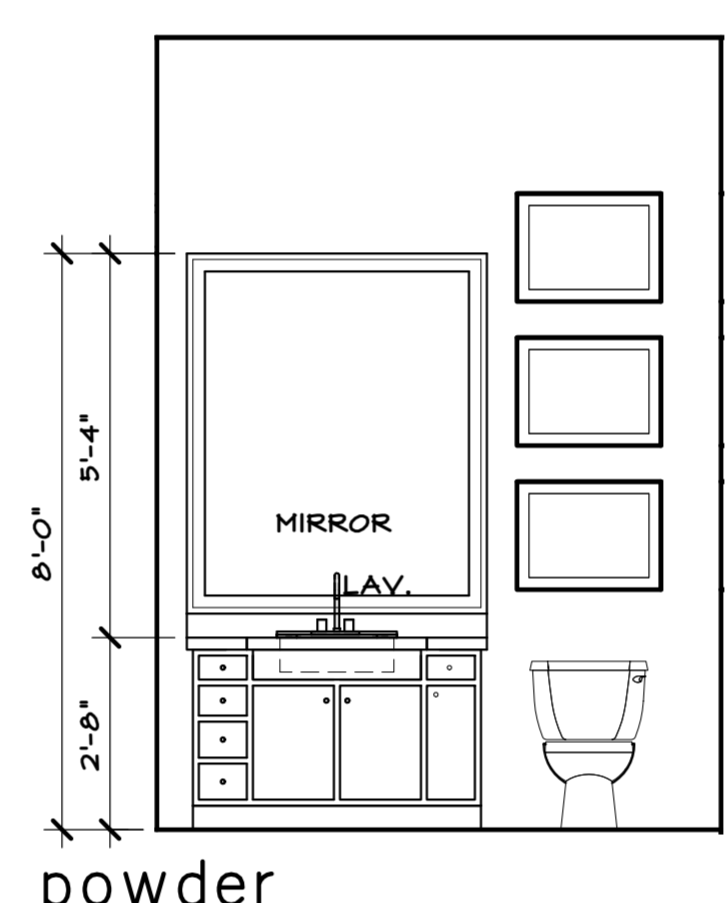
wine bar



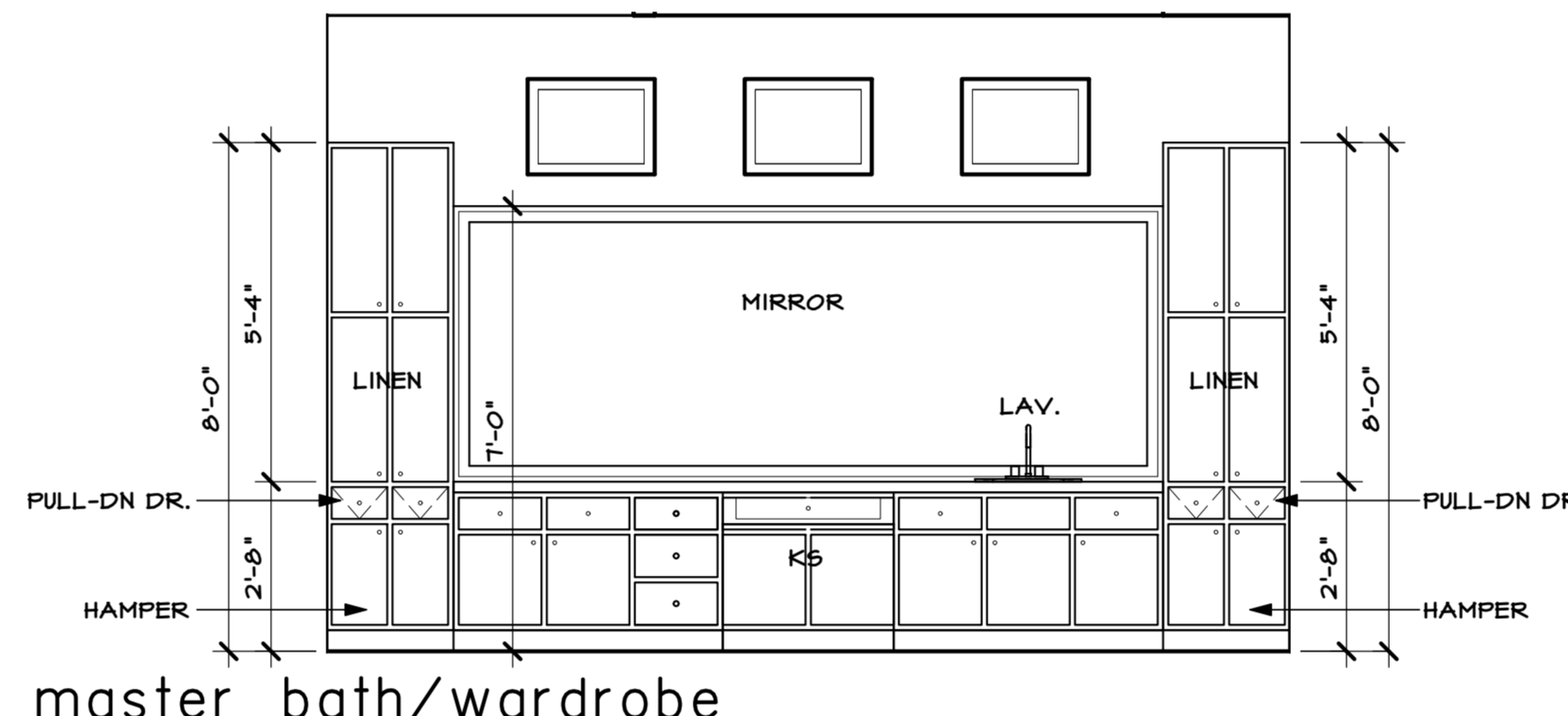
living room



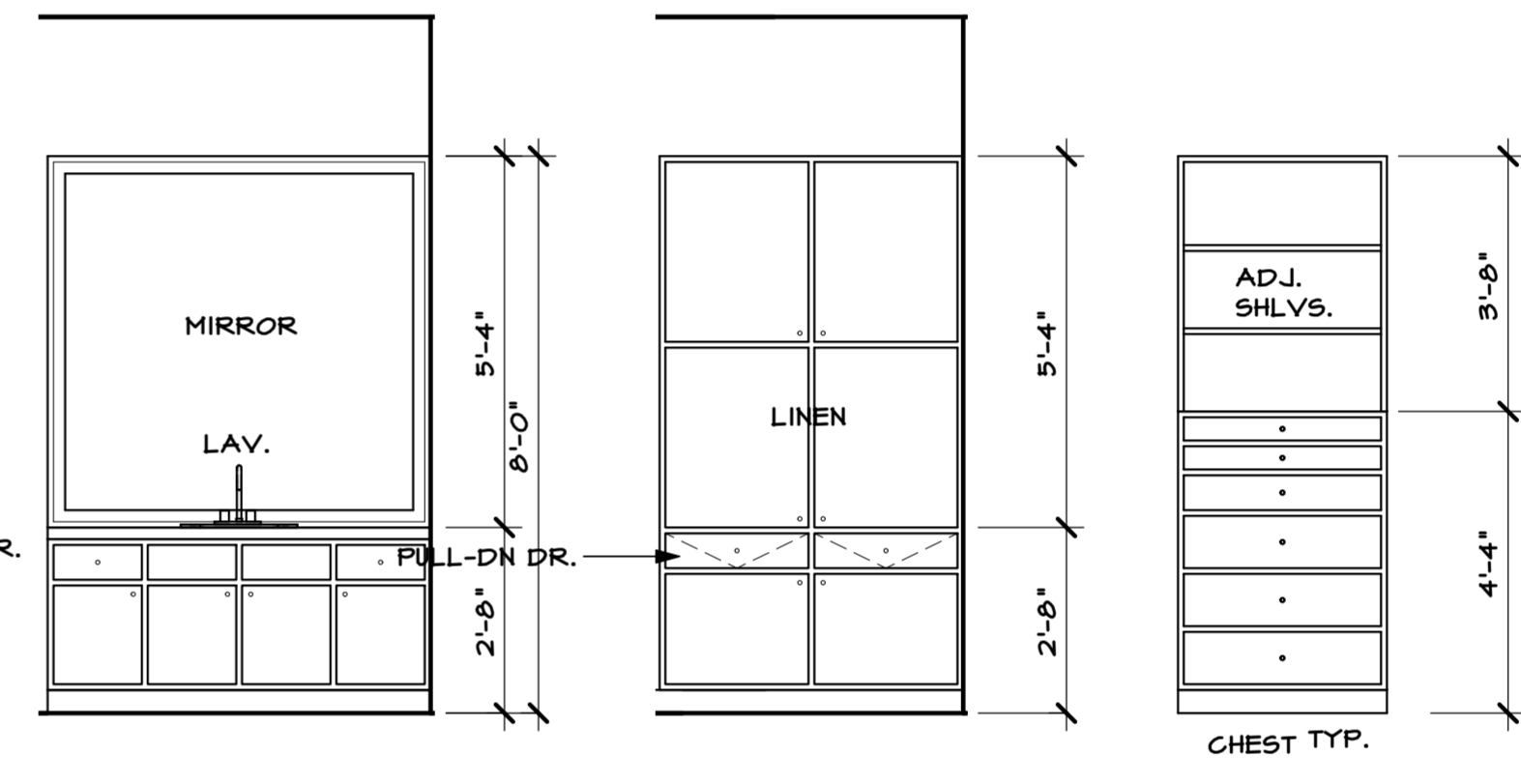
study / loft



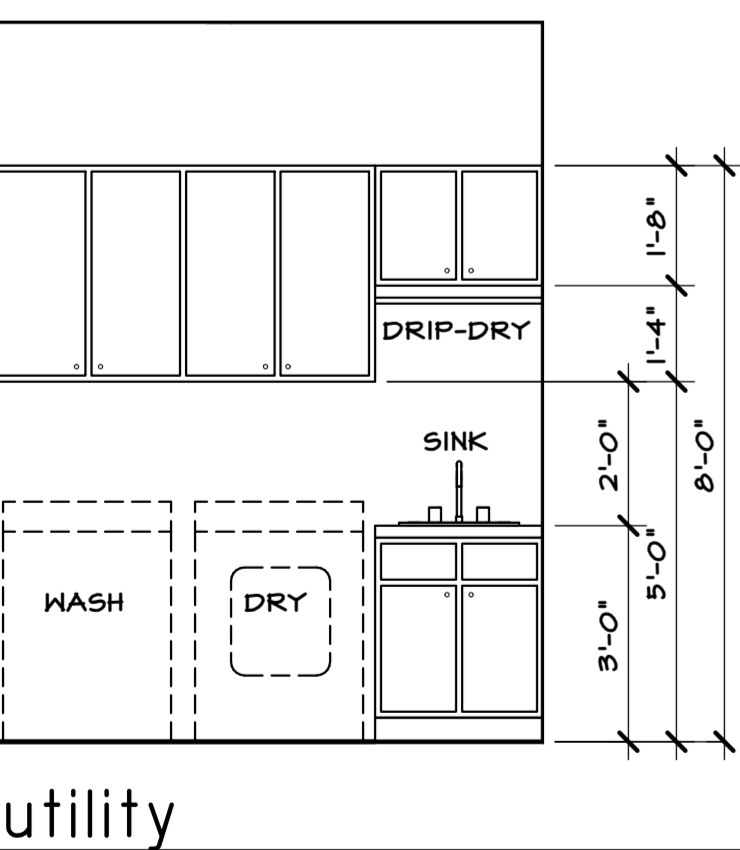
powder



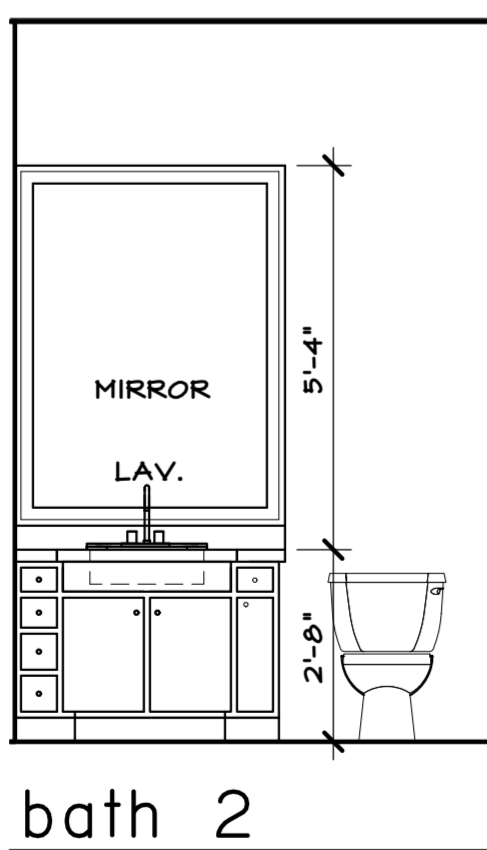
master bath/wardrobe



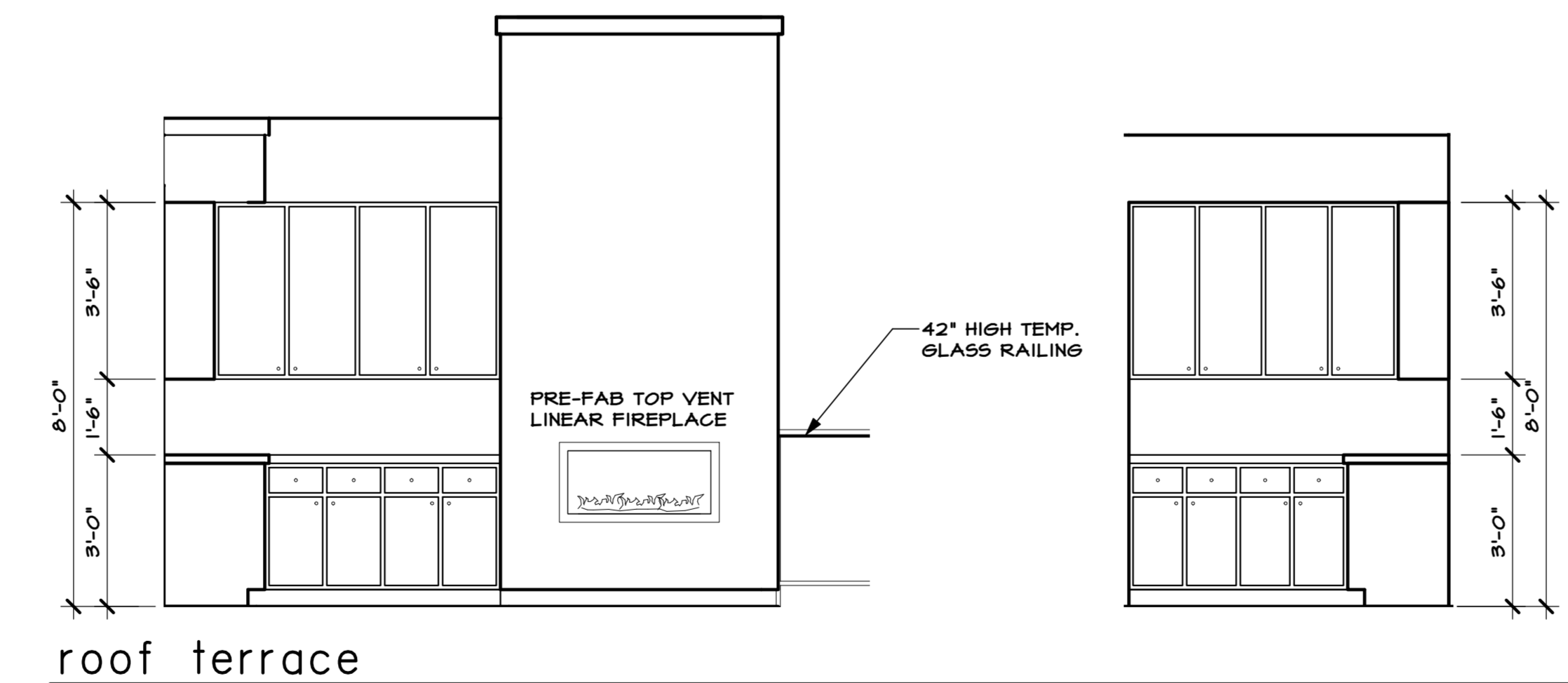
CHEST TYP.



utility



bath 2


































roof terrace

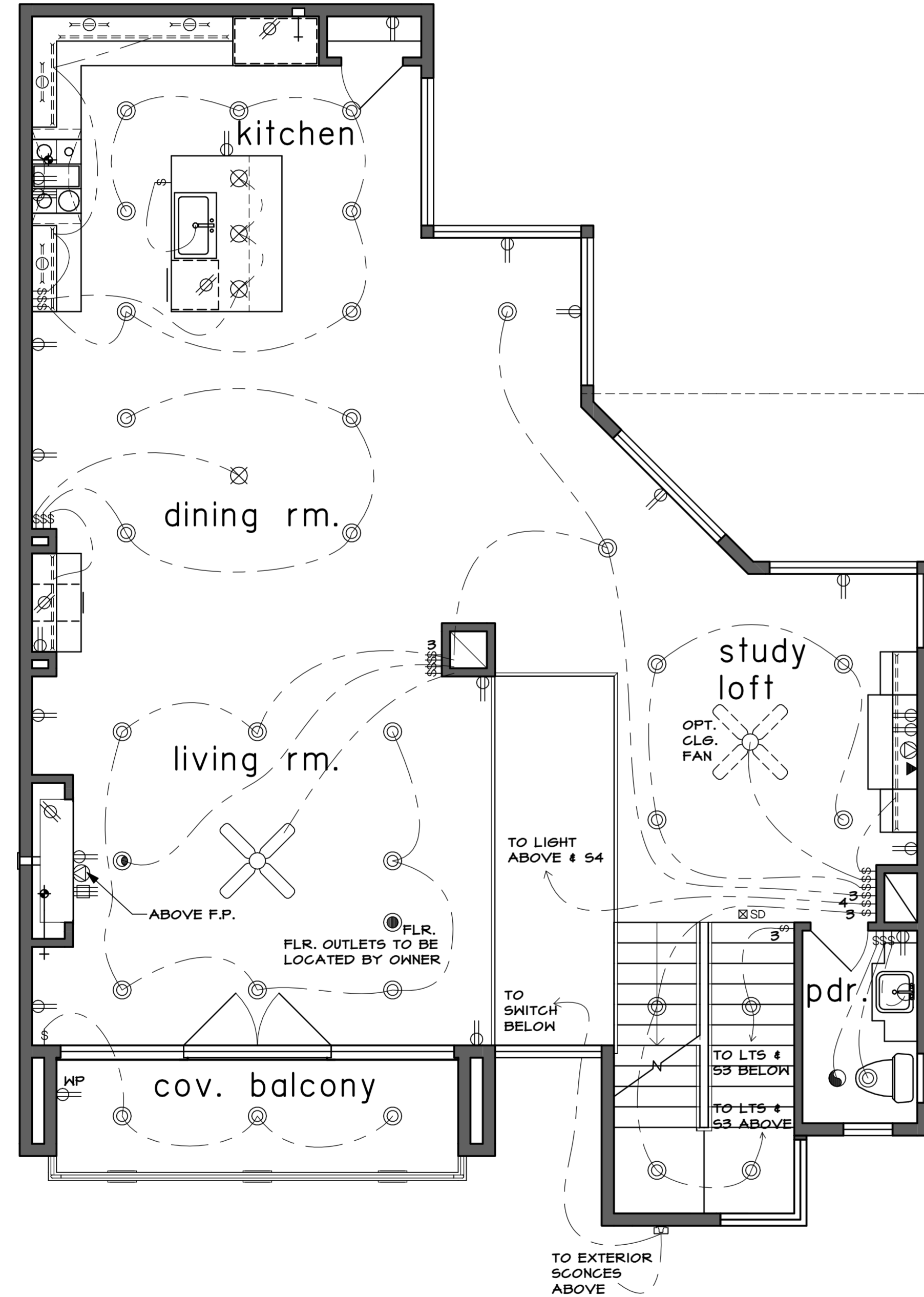
NOTE:
 VERIFY ALL CABINET, TRIM, ETC.
 DESIGNS W/ OWNER PRIOR TO BID.
 VERIFY ALL WOOD TYPES, MOULDING
 LAYOUTS, STAIN/PAINt GRADES PRIOR
 TO BID, TYPICAL THROUGHOUT.

interior elevations

SCALE: 3/8" = 1'-0"

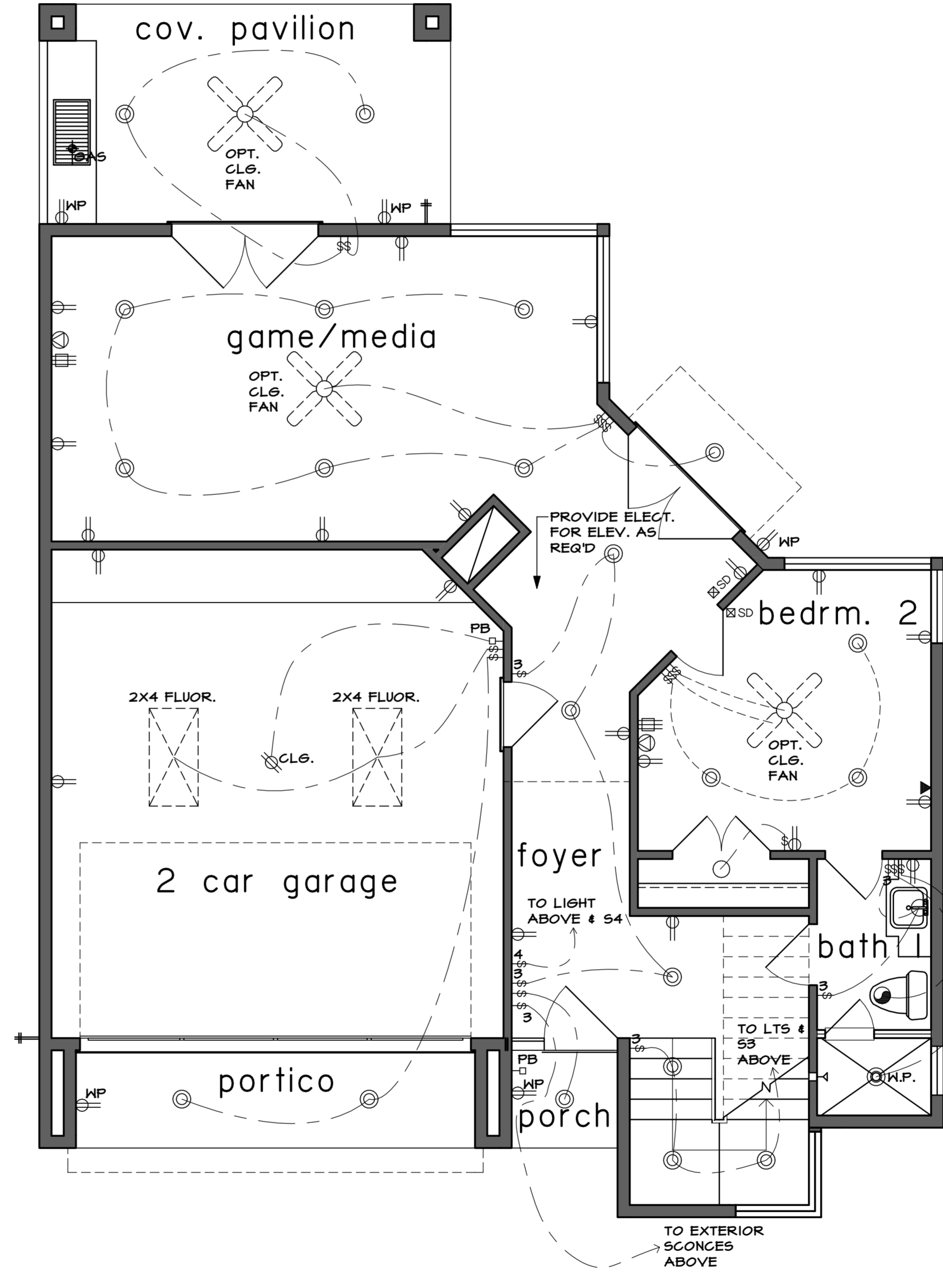
legend

-  110 VOLT RECEPTACLE
-  WP WATERPROOF RECEPTACLE
-  GFI 110 VOLT W/ GROUND FAULT INTERRUPTOR
-  110 PLUG STRIP (UNDER COUNTER)
-  FLR. 110 VOLT IN FLOOR
-  220 VOLT RECEPTACLE
-  TELEVISION ANTENNA
-  TELEPHONE OUTLET
-  SINGLE POLE SWITCH
-  THREE WAY SWITCH
-  FOUR WAY SWITCH
-  DIM DIMMER SWITCH
-  PB PUSH BUTTON
-  SD SMOKE DETECTOR
-  CMH CARBON MONOXIDE DETECTOR
-  CH CHIMES
-  CEILING MOUNTED LIGHT FIXTURE
-  CEILING MOUNTED HANGING FIXTURE
-  RECESSED CAN LIGHT
-  WP WATERPROOF RECESSED CAN LIGHT
-  RECESSED EYEBALL SPOT LIGHT
-  HALL MOUNTED LIGHT FIXTURE
-  PC PORCELAIN FIXTURE W/ PULL CORD
-  FLOOD LIGHTS
-  EXHAUST FAN
-  L.V. LIGHTS
-  NETWORK DROP, ALLOW FOR TEL, CATV, CAT6
-  CEILING FAN
-  CEILING FAN W/ LIGHT
-  FLUORESCENT LIGHT PANEL
-  UNDER COUNTER FLUORESCENT LIGHT



second floor electrical plan

SCALE: 1/4" = 1'-0"



first floor electrical plan

SCALE: 1/4" = 1'-0"

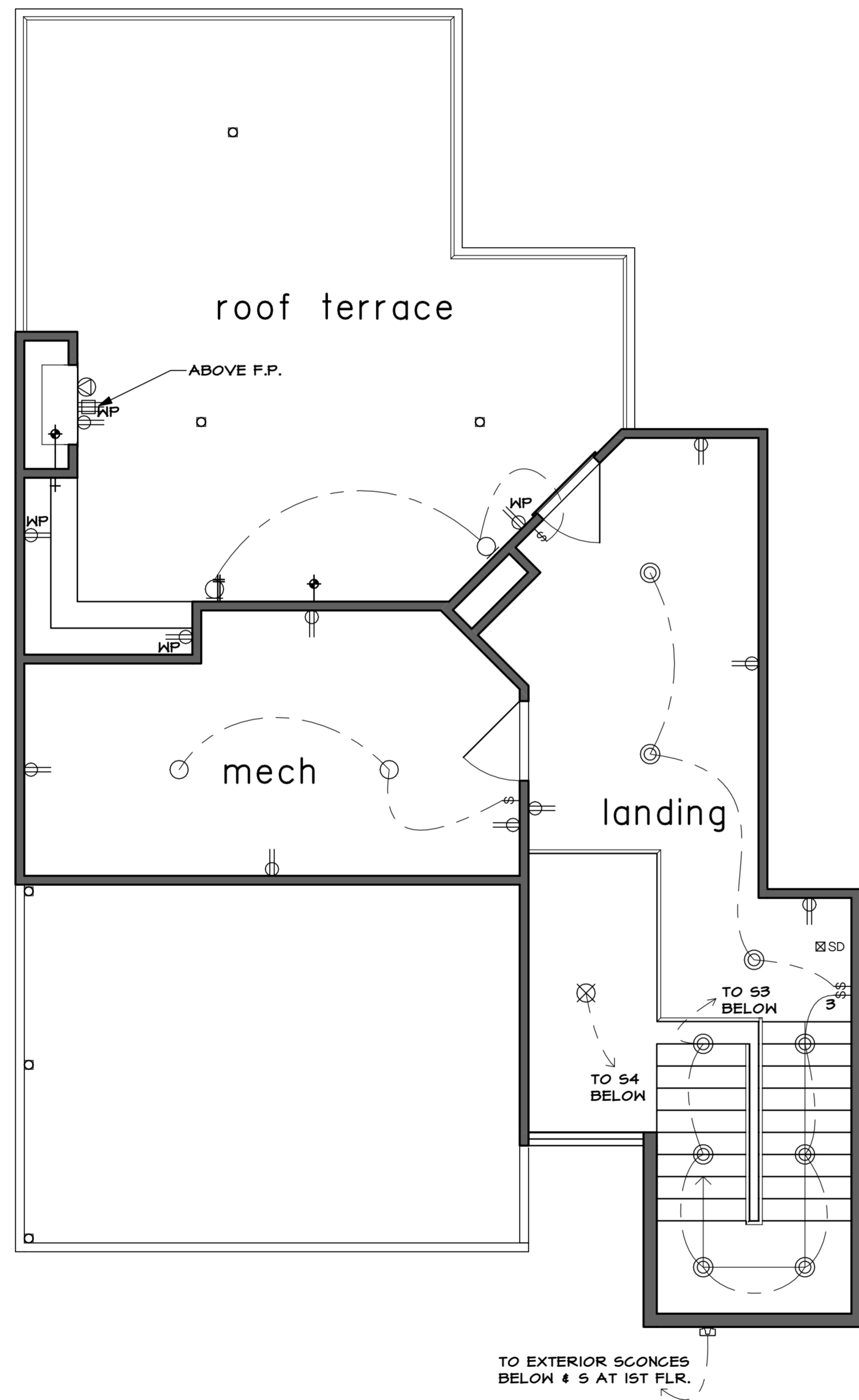
elec. notes

- ALL CONSTRUCTION SHALL COMPLY W/ IRC 2003 & THE 2005 NEC.
- SMOKE DETECTORS REQUIRE 110V CONNECTION TO HOUSE WIRING AND BATTERY BACKUP. MULTIPLE UNITS SHALL BE INTERCONNECTED TO ACTIVATE ALL ALARMS. CONSULT MANUF. RECOMMENDATIONS FOR DISTANCE FROM R/A. LOCATION TO COMPLY WITH R311 IRC.
- VENT ALL EXHAUST FANS TO OUTSIDE
- PROVIDE G.F.I. PROTECTION AS REQ'D.
- PROVIDE LIGHT FIXTURE AND SMOKE DETECTORS AT EACH WATER HEATER AND A/C UNIT LOCATION IN ATTIC
- PROVIDE ELECTRIC DISCONNECT AT EACH A/C UNIT
- ALLOW FOR A/C UNITS
- PROVIDE LOW VOLTAGE CIRCUITS FOR SECURITY SYSTEM
- PROVIDE CIRCUITS FOR FUTURE POOL AND REAR YARD LIGHTING
- ALL BEDROOMS BRANCH CIRCUITS MUST BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER AS PER THE 210-12 NEC.
- GFCI PROTECTION SHALL BE PROVIDED IN ACCORDANCE W/ ELEC. CODE 210.8 NEC.
- ALL ELEC. OUTLETS OTHER THAN GFCI SHALL BE AFCI PROTECTED & TAMPER-RESISTANT.

first & second floor electrical plan

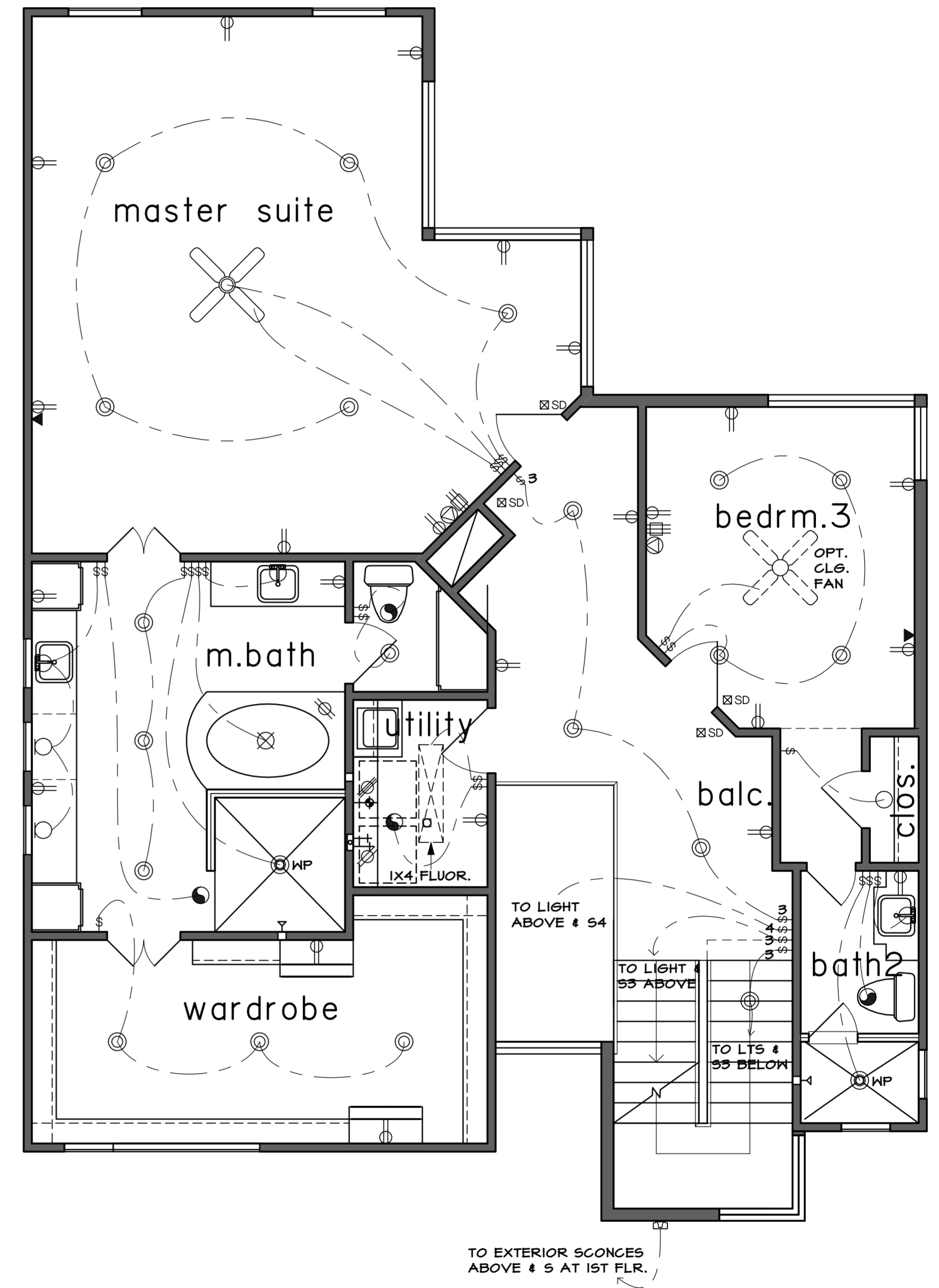
SCALE: 1/4" = 1'-0"

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roof terrace electrical plan

SCALE: 1/4" = 1'-0"



third floor electrical plan

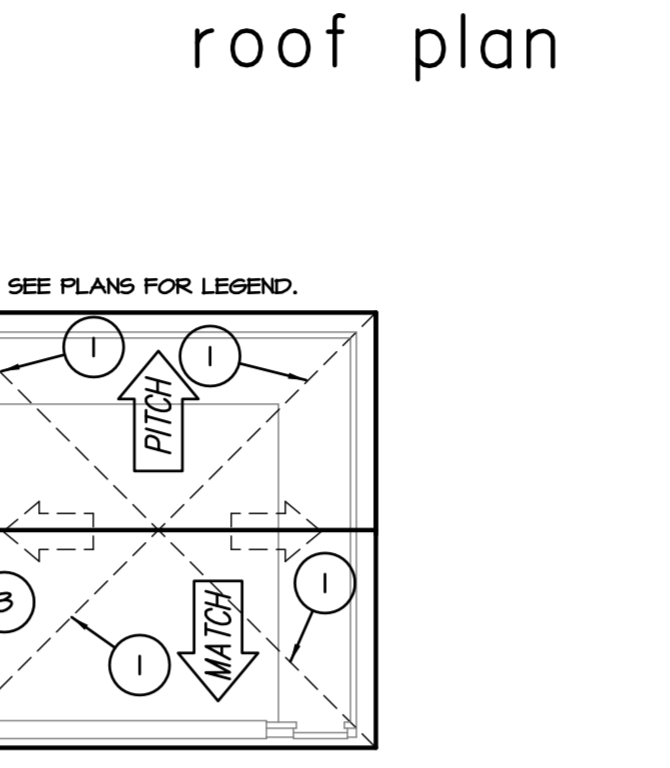
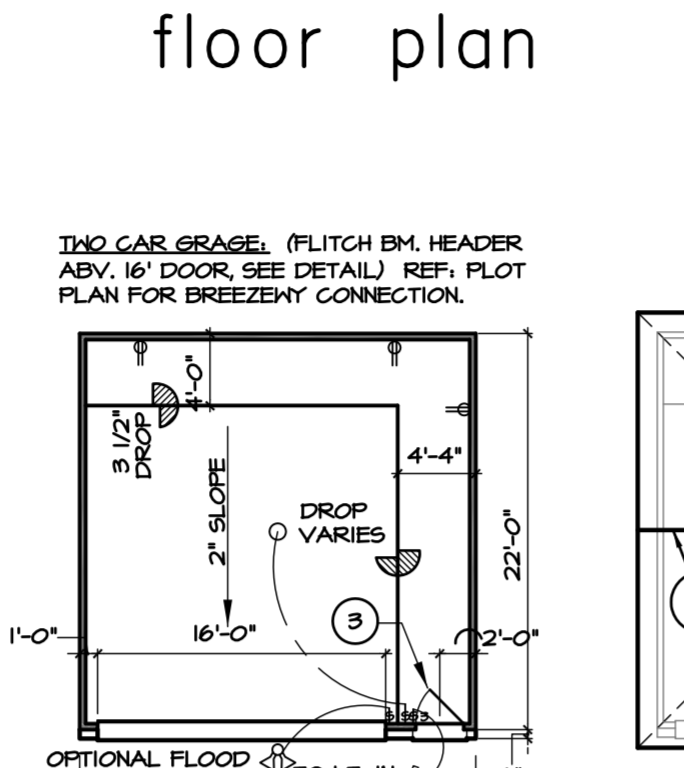
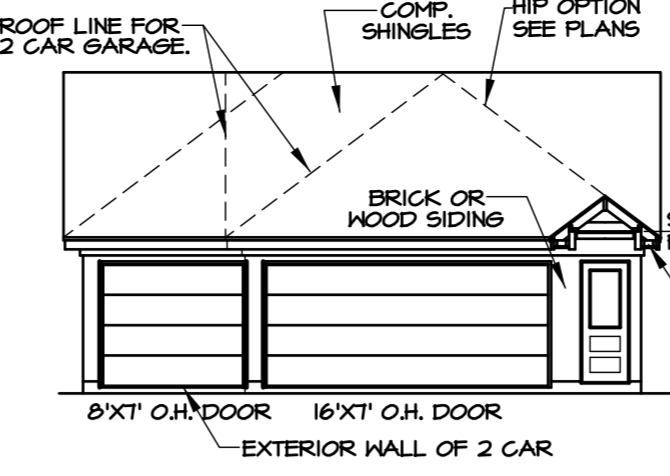
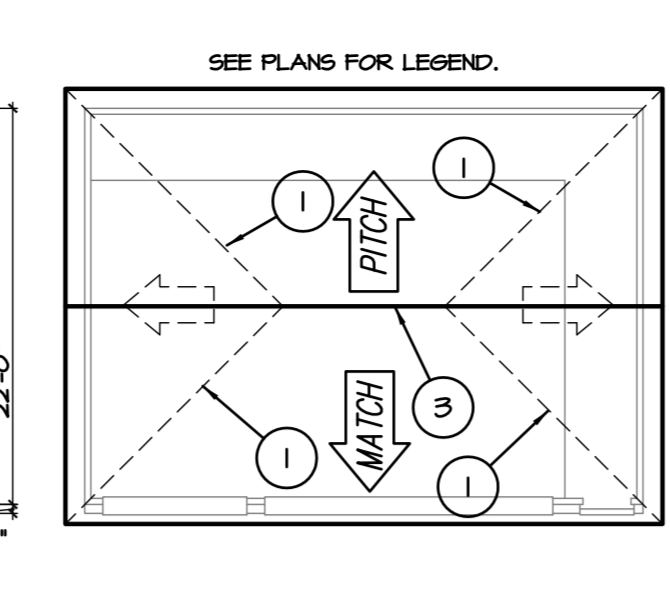
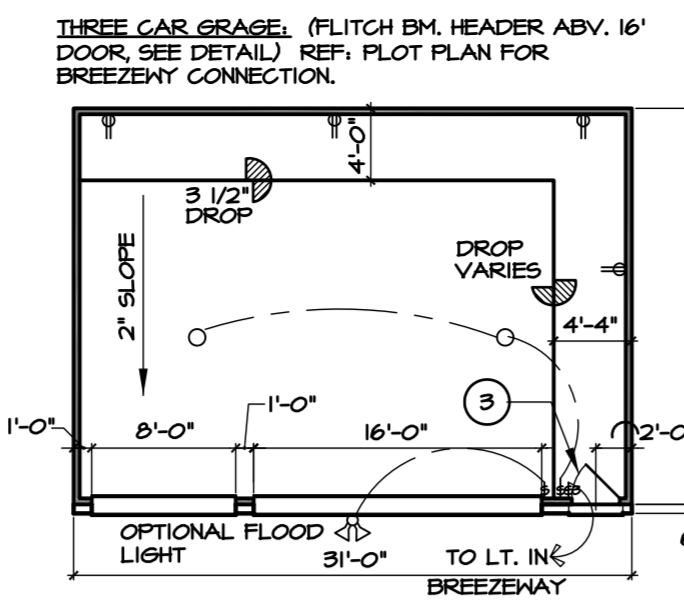
SCALE: 1/4" = 1'-0"

third floor & roof terrace electrical plan

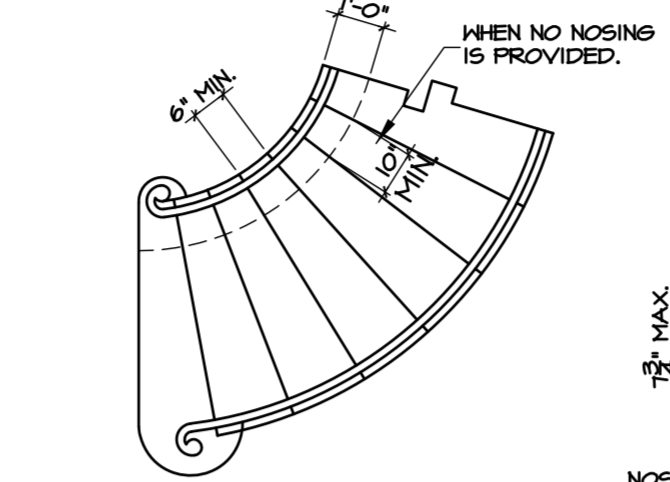
SCALE: 1/4" = 1'-0"

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DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER abc	SPACING OF FASTENERS
Joist to sill or girder, toe nail	3-D	
1" x 6" subfloor or less to each joist, face nail	2-D	
2" subfloor to joist or girder, blind and face nail	2-16d	
Sole plate to joist or blocking, face nail	16d	16" o.c.
Top or sole plate to stud, end nail	2-16d	
Stud to sole plate, toe nail	3-D or 2-16d	
Double studs, face nail	10d	24" o.c.
Double top plates, face nail	10d	24" o.c.
Sole plate to joist or blocking at braced wall panels	3-16d	16" o.c.
Double top plates, minimum 24-inch offset of end joints, face nail in lapped areas	8/16d	
Blocking between joists or rafters to top plate, toe nail	3-D	
Rim joist to top plate, toe nail	8d	6" o.c.
Top plates, laps at corners and intersections, face nail	2-10d	
Built-up header, two pieces with 1/2" spacer	16d	16" o.c. along each edge
Continued header, two pieces	16d	16" o.c. along each edge
Ceiling joists to plate, toe nail	3-D	
Continuous header to stud, toe nail	4-D	
Ceiling joist, laps over partitions, face nail	3-10d	
Ceiling joist to parallel rafters, face nail	3-10d	
Rafter to plate, toe nail	2-16d	
1" brace to each stud and plate, face nail	2-D	
1" x 6" sheathing to each bearing, face nail	2-D	
1" x 8" sheathing to each bearing, face nail	2 staples, 1 3/4"	
Wider than 1" x 8" sheathing to each bearing, face nail	3 staples, 1 3/4"	
Built-up corner studs	3-D	24" o.c.
Built-up girders and beams, 2-inch lumber layers	10d	Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice.
2" planks	2-16d	At each bearing
Roof rafters to ridge, valley or hip rafters		
Toe nail	4-16d	
Face nail	3-16d	
Rafters ties to rafters, face	3-D	
Collar ties to Rafter, face nail or 1 1/4" x 20 #4 Ridge Strap	3-10d	



elevation (2 CAR & 3 CAR)



plan section stair detail

STAIRWAYS SHALL COMPLY W/ SECTION R301 OF THE IRC. RISERS SHALL NOT EXCEED 7 3/4\"/>

DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER b,c,d	SPACING OF FASTENERS (inches)	Intermediate supports (inches)
Wood structural panels, subfloor, roof and wall sheathing to framing, and particleboard wall sheathing to framing		Edges	
5/8" - 1/2"	6d common nail (subfloor, wall)	6	12g
1/2\" - 1"	8d common nail (roof)	6	12g
1/8\" - 1 1/4"	10d common nail or 8d deformed nail	6	12
1/2" regular cellulose fiberboard sheathing	1 1/2" galvanized roofing nail 6d common nail staple	3	6
1/2" structural cellulose fiberboard sheathing	1 1/2" galvanized roofing nail 6d common nail staple	3	6
25/32" structural cellulose fiberboard sheathing	1 3/4" galvanized roofing nail 6d common nail staple	3	6
1/2" gypsum sheathing	1 1/2" galvanized roofing nail, 6d common nail, staple galvanized, 1 1/2 long, 1 1/4 screws, Type N or S	4	8
5/8" gypsum sheathing	1 3/4" galvanized roofing nail, 6d common nail, staple galvanized, 1 5/8" lng, 1 5/8" screws, Type N or S		
Wood structural panels, combination subfloor underlayment to framing		Edges	
3/4" and less	6d deformed nail or 8d common nail	6	12
7/8" - 1"	8d common nail or 8d deformed nail	6	12
1 1/8" - 1 1/4"	10d common nail or 8d deformed nail	6	12

For S1: 1 inch = 25.4mm, 1 foot = 304.8mm, 1 mile per hour = 1.609km/h.

a. All nails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80ksi (551MPa) for shank diameter of 0.142inch (20d common nail), 80ksi (620 Mpa) for shank diameters larger than 0.142 inch but not larger than 0.171 inch, and 100 ksi (687 Mpa) for shank diameters of 1/42 inch or less.

b. Staples are 16 gauge wire and have a minimum 7/16-inch on diameter crown width.

c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.

d. Four-foot-by-8-foot or 4-foot-by-11-foot panels shall be applied vertically.

e. Spacing of fasteners not included in this table shall be based on Table R602.3(2).

f. For regions having basic wind speed of 110 mph or greater, 8d deformed nails shall be used for attaching plywood and wood structural panel roof sheathing to framing within minimum 48-inch distance from gable end walls, if mean roof height is more than 25 feet, up to 35 feet maximum.

g. For regions having basic wind speed of 100 mph or less, nails for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6 inches on center. When basic wind speed is greater than 100 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced minimum 48-inch distance from ridges, eaves and gable end walls, and 4 inches on center to gable end wall framing.

h. Gypsum sheathing shall conform to ASTM C 77 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to ASTM C 208.

i. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and required blocking at all floor perimeter only. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel edges perpendicular to the framing members shall not be required except as required by other provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.

NOMINAL MATERIAL THICKNESS (inches)	DESCRIPTION OF FASTENER AND LENGTH (inches)	SPACING g OF FASTENERS (inches)	Edges (inches)	Intermediate supports (inches)	Body of panel d (inches)
Hood structural panels subfloor, roof and wall sheathing to framing and particleboard wall sheathing to framing	Up to 1/2	0.241 - 0.248 Nail 2 1/4	3	6	8
		Staple 15 ga. 1 3/4	4	8	8
		Staple 16 ga. 1 3/4	3	6	8
		Staple 16 ga. 4 16 ga. 2	4	8	8
	1/2 to 5/8	0.241 - 0.248 Nail 2 1/4	3	6	8
		0.119 nail 2	4	8	8
		Staple 13 ga. 1 3/4	3	6	8
	23/32 and 3/4	0.241 - 0.248 Nail 2 1/4	4	8	8
		Staple 14 ga. 2	4	8	8
		Staple 16 ga. 2	4	8	8
Floor underlayment, plywood-hardboard-particleboard	1/4 and 3/16	1 1/4 ring or screw shank nail - minimum	3	6	8
		1/2 1/2 ga. (0.214) shank diameter	3	6	8
		Staple 16 ga. 7/8, 3/16 crown width	3	6	8
	1/32, 3/8, 5/32, 1/2 and 1/2	1 1/4 ring or screw shank nail - minimum	6	8	8
		1/2 1/2 ga. (0.214) shank diameter	6	8	8
		1 1/2 ring or screw shank nail - minimum	6	8	8
		1/2 1/2 ga. (0.214) shank diameter	6	8	8
	5/8, 23/32, and 3/4	Staple 16 ga. 1 1/4	6	8	8
		Hardboard F	6	8	8
	0.200	1 1/2 long ring-grooved underlayment nail	6	8	8
Particleboard	1/4	1/4 ring-grooved underlayment nail	3	6	8
		Staple 16 ga. 7/8 long, 3/16 crown	6	8	8
		8d ring-grooved underlayment nail	6	10	8
	3/8	Staple 16 ga. 1 1/8 long, 3/8 crown	6	10	8
		6d ring-grooved underlayment nail	6	10	8
	1/2, 5/8	6d ring-grooved underlayment nail	6	10	8
		Staple 16 ga. 1 1/2 long, 3/8 crown	6	10	8
			3	6	8
			3	6	8
			3	6	8

For S1: 1 inch = 25.4 mm.

a. Nail is a general description and may be T-head, modified round head or round head.

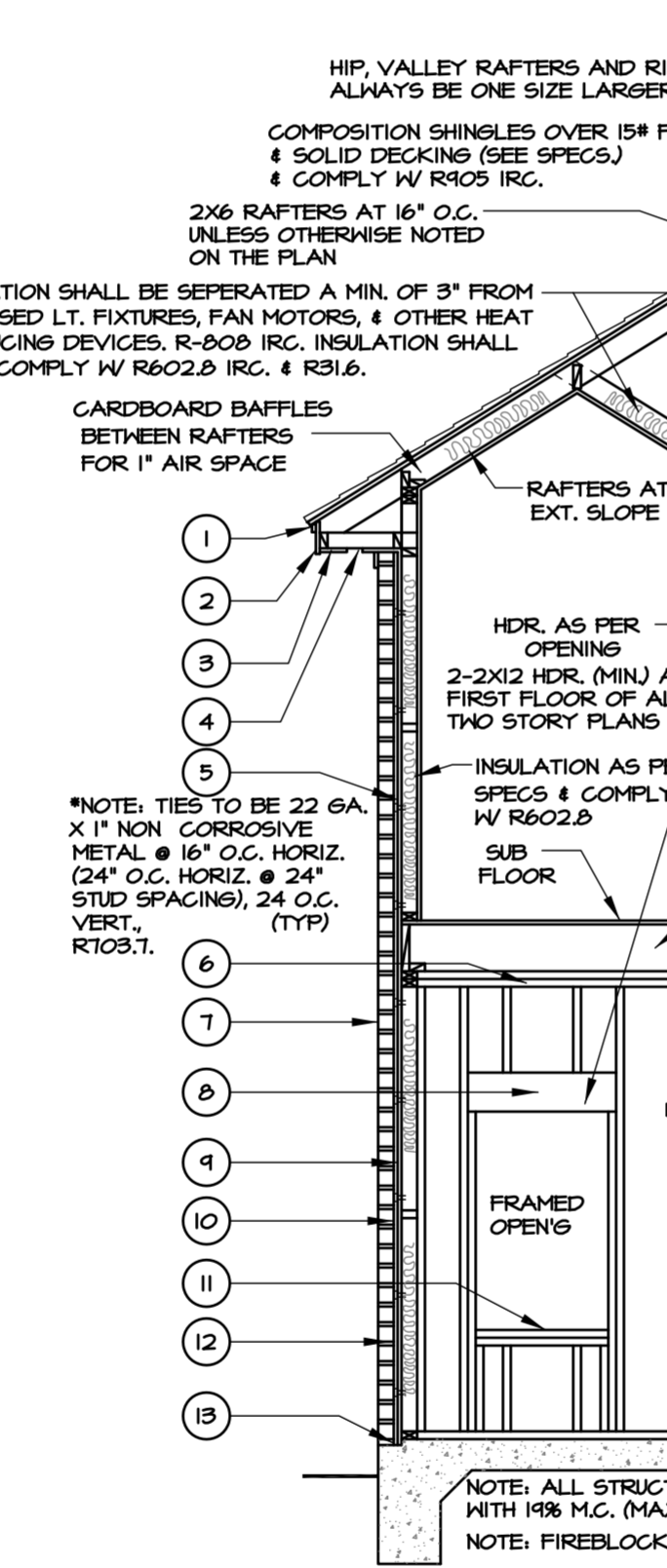
b. Staples shall have a minimum crown width of 7/16-inch on diameter except as noted.

c. Nails or staples shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater. Nails or staples shall be spaced at not more than 12 inches on center at intermediate supports for floors.

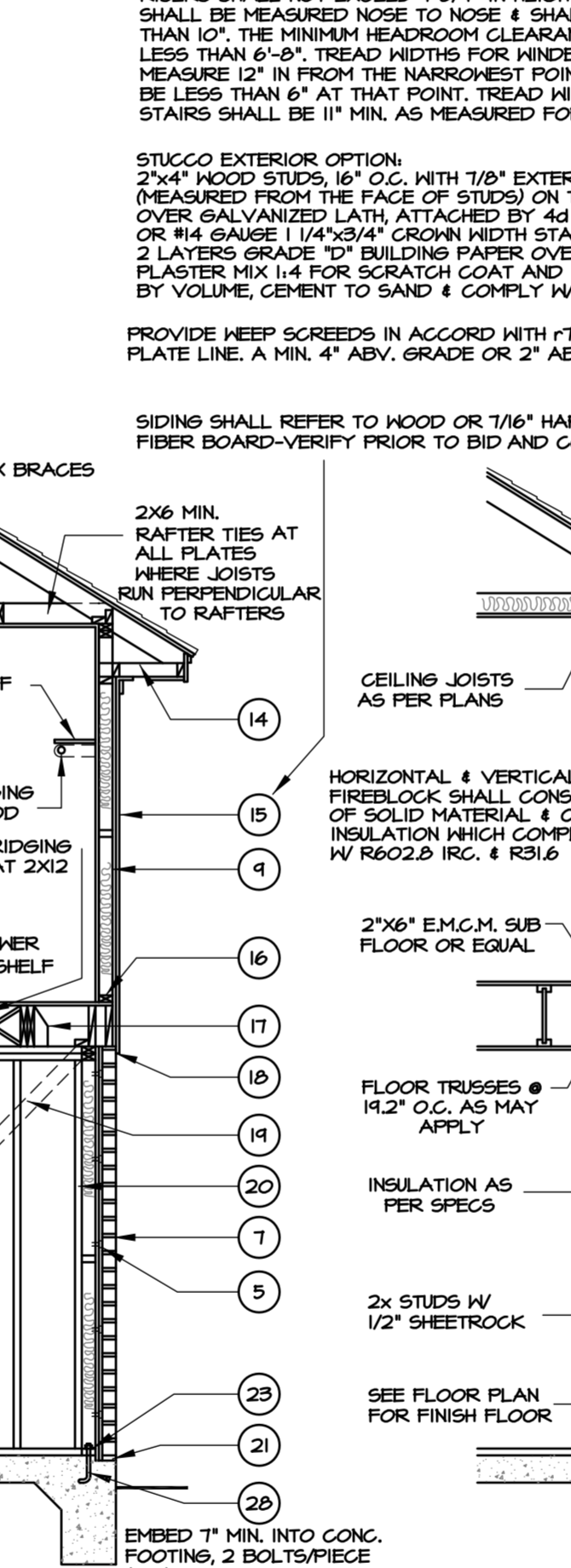
d. Fasteners shall be placed in a grid pattern throughout the body of the panel.

e. For 5-ply panels, intermediate nails shall be spaced not more than 12 inches on center each way.

floor plan roof plan



floor plan roof plan



typical one and two story framing sections

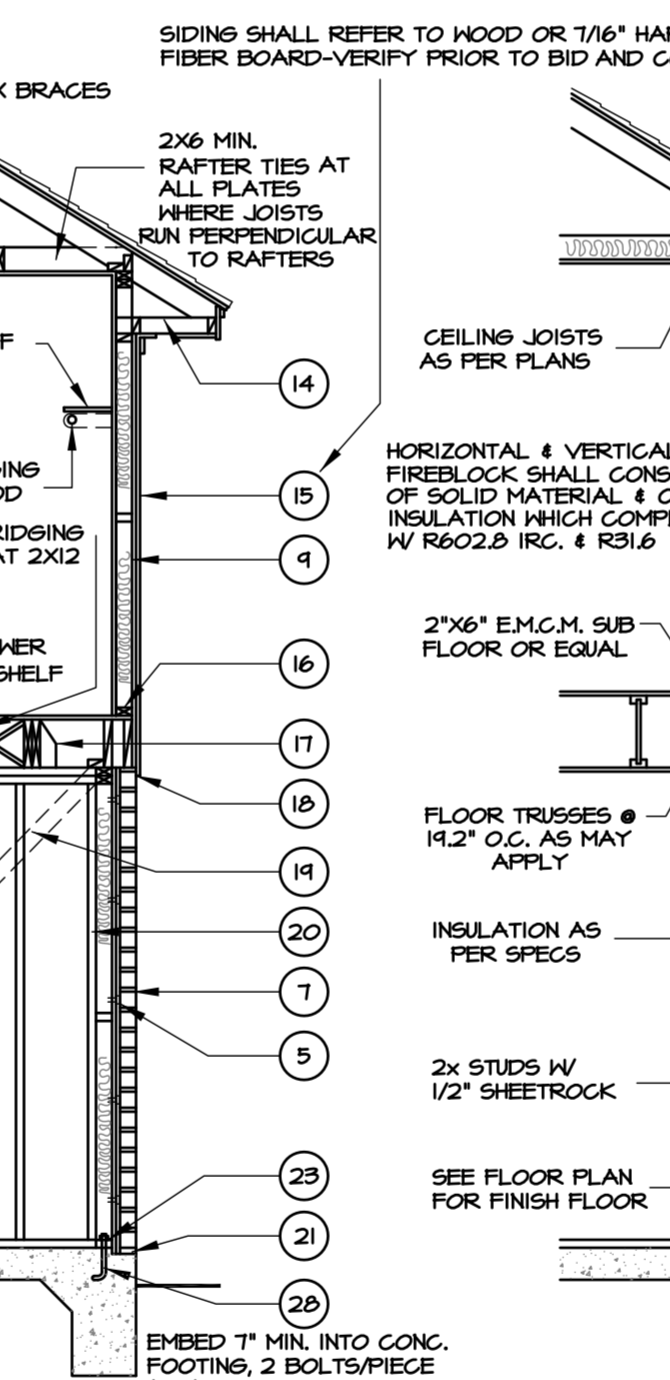
typical one and two story framing sections

- SECTION LEGEND
1. 1/2" SHINGLE MOULD
 2. 1/4" FACIA BOARD
 3. 1/4" SOFFIT OR EXT. GRADE PLYHD.
 4. 8 M. SCREEN VENT
 5. METAL WALL TIES AT (SEE NOTE)
 6. 2-2X4 CONTINUOUS TOP PLATE
 7. FACE BRICK VENEER
 8. HEADER AS PER OPENING
 9. 1/2" INSULATING SHEATHING
 10. AIR SPACE
 11. 2-2"X4" SILL AT OPENING
 12. FELT OR VISQUEEN BARRIER
 13. 30 LB. FELT ON SHELF BELOW GYP. AND 12" UP WALL BEHIND GYP.
 14. 2"X4" OUTLOOKER AND NAILER
 15. SIDING. SEE NOTE ABOVE
 16. 2"X4" TREATED SOLE PLATE
 17. JOIST HANGER
 18. SEAL OPENINGS W/ CAULKING
 19. 1"X4" CORNER BRACE AT 45° OR PLYHD.
 20. 1/2" SHEETROCK WITH A FLAME SPREAD RATING NO GREATER THAN 25, A SMOKE DENSITY NO GREATER THAN 450, A SMOKE DENSITY NO GREATER THAN 450 & COMPLY WITH R 305 IRC.
 21. KEEP HOLES @ 33" O.C. MAX FIRST COURSE
 22. 1"X3" CROSS BRIDGING
 23. 2"X4" TREATED SOLE PLATE COMPLY W/ R 314 & R 320 IRC.
 24. 30 LB. FELT BELOW SOLE PLATE
 25. 1"X4" TRIM BOARD
 26. 1"X8" FACIA BOARD
 27. 1"X2" OR 1"X4" FRIEZE BOARD
 28. 1/2"X8" ANCHOR BOLTS AT 48" O.C.
 29. INSULATION SHALL HAVE A FLAME SPREAD RATING NO GREATER THAN 25, A SMOKE DENSITY NO GREATER THAN 450, A SMOKE DENSITY AT DUCTS & FLENUM NO GREATER THAN 100, & COMPLY WITH R 316, R 602.2, R 200 IRC.
 30. TOP OF FOUNDATION SHALL BE A MIN. OF 6" ABV. FINISH GRADE & COMPLY WITH R 314 IRC.

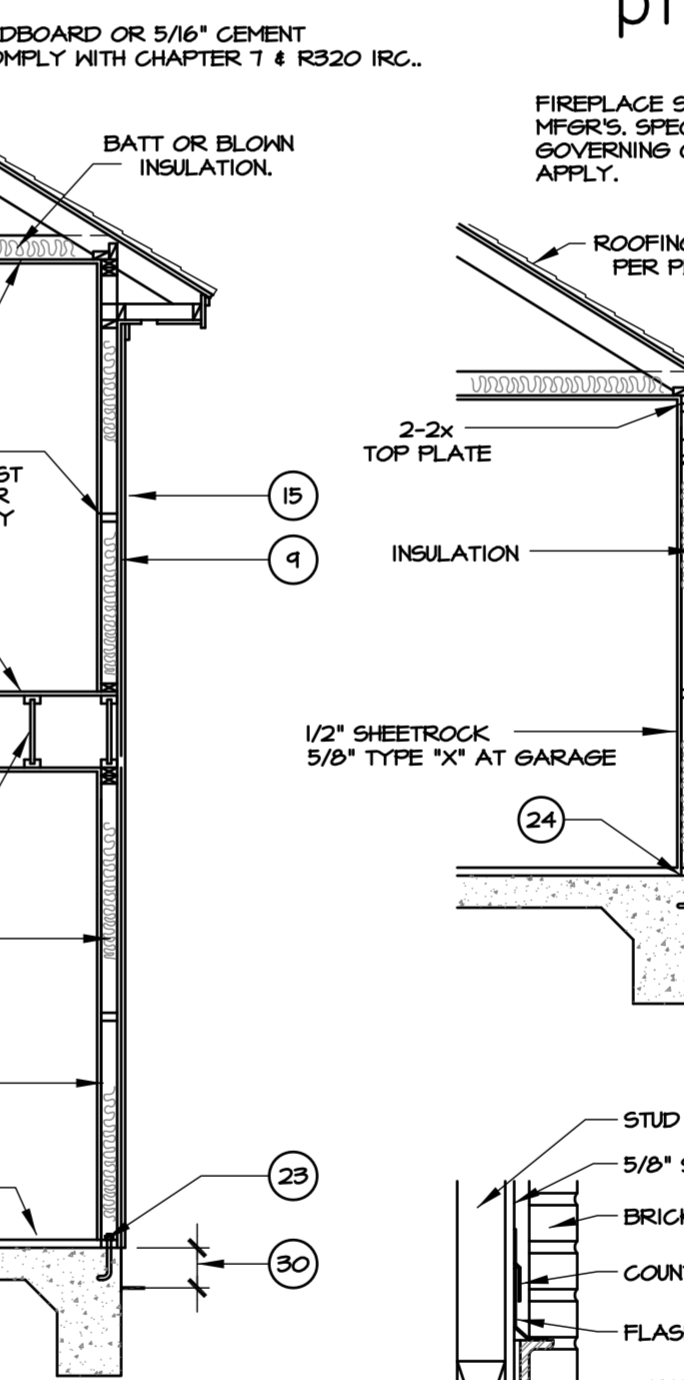
CLEAR SPANS	5'-0" OR LESS	6'-0" OR LESS < 4" X	7'-0" OR LESS < 4" X	8'-0" OR LESS < 4" X	9'-0" OR LESS < 4" X	10'-0" OR LESS < 5" X	10'-0" OR LESS < 6" X
ANGLE SIZE	3 1/2" X 5/16"	3 1/2" X 5/16"	3 1/2" X 5/16"	3 1/2" X 5/16"	3 1/2" X 5/16"	3 1/2" X 5/16"	3 1/2" X 3/8"

CEILING JOIST MAX. SPAN	FLOOR JOIST MAX. SPAN	RAFTER MAX. SPAN	HEADER SCHEDULE
LIMITED ATTIC STORAGE	40 PSF LIVE LOAD	SLOPES OVER 3 / 12	BEAM MAX SPAN
2"x6" AT 16" O.C. 21'-4"	2"x12" AT 12" O.C. 21'-4"	2"x6" AT 16" O.C. 15'-2"	2'-2"x4" ON EDGE 3'-6"
2"x8" AT 16" O.C. 17'-5"	2"x12" AT 16" O.C. 18'-10"	2"x6" AT 24" O.C. 12'-5"	2'-2"x6" ON EDGE 4'-6"
2"x10" AT 16" O.C. 20'-4"	2"x12" AT 24" O.C. 18'-4"	2"x8" AT 16" O.C. 14'-8"	2'-2"x8" ON EDGE 6'-0"
DO NOT EXCEED GIVEN DIM.	DO NOT EXCEED GIVEN DIM.	20 PSF LIVE LD. - 7 PSF DEAD LD.	2'-2"x10" ON EDGE 7'-6"

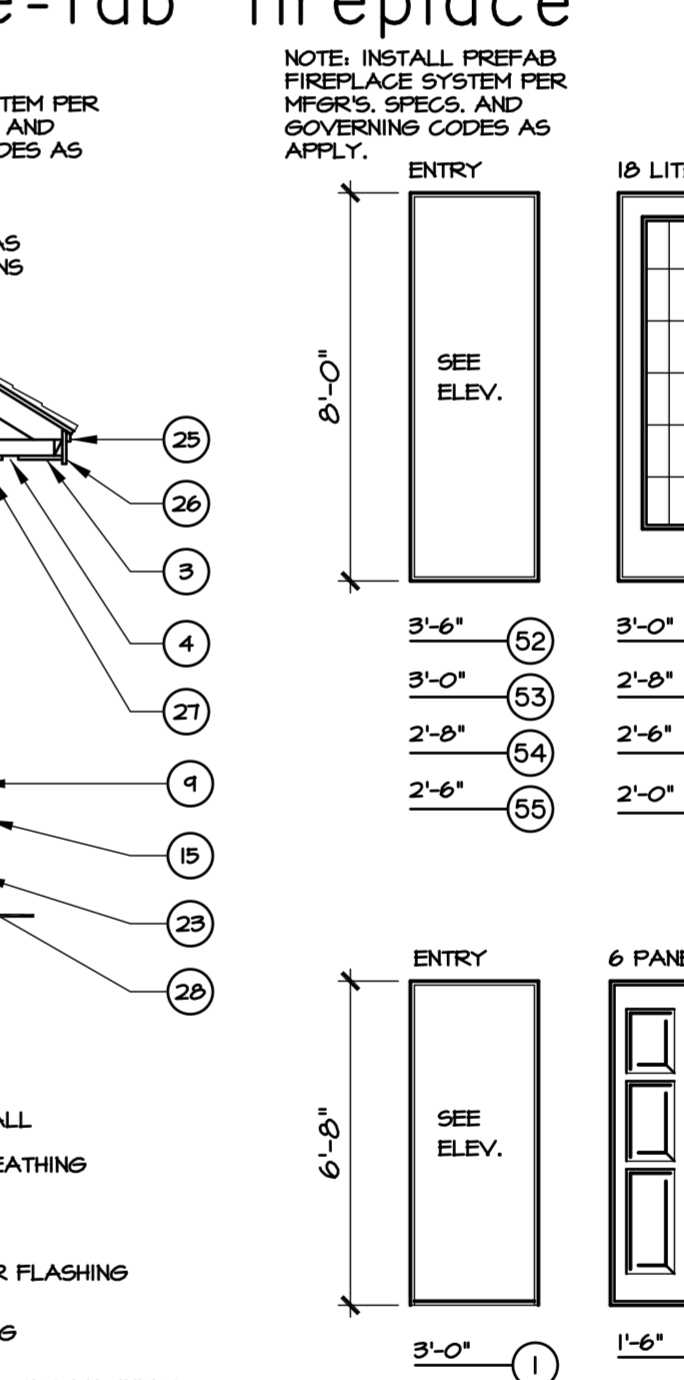
GRADE NO. 2 FIR OR Y.P. SPECIFICATIONS FROM SOUTHERN FOREST PRODUCTS



pre-fab fireplace



brick fireplace



door schedule

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