

SF-7014

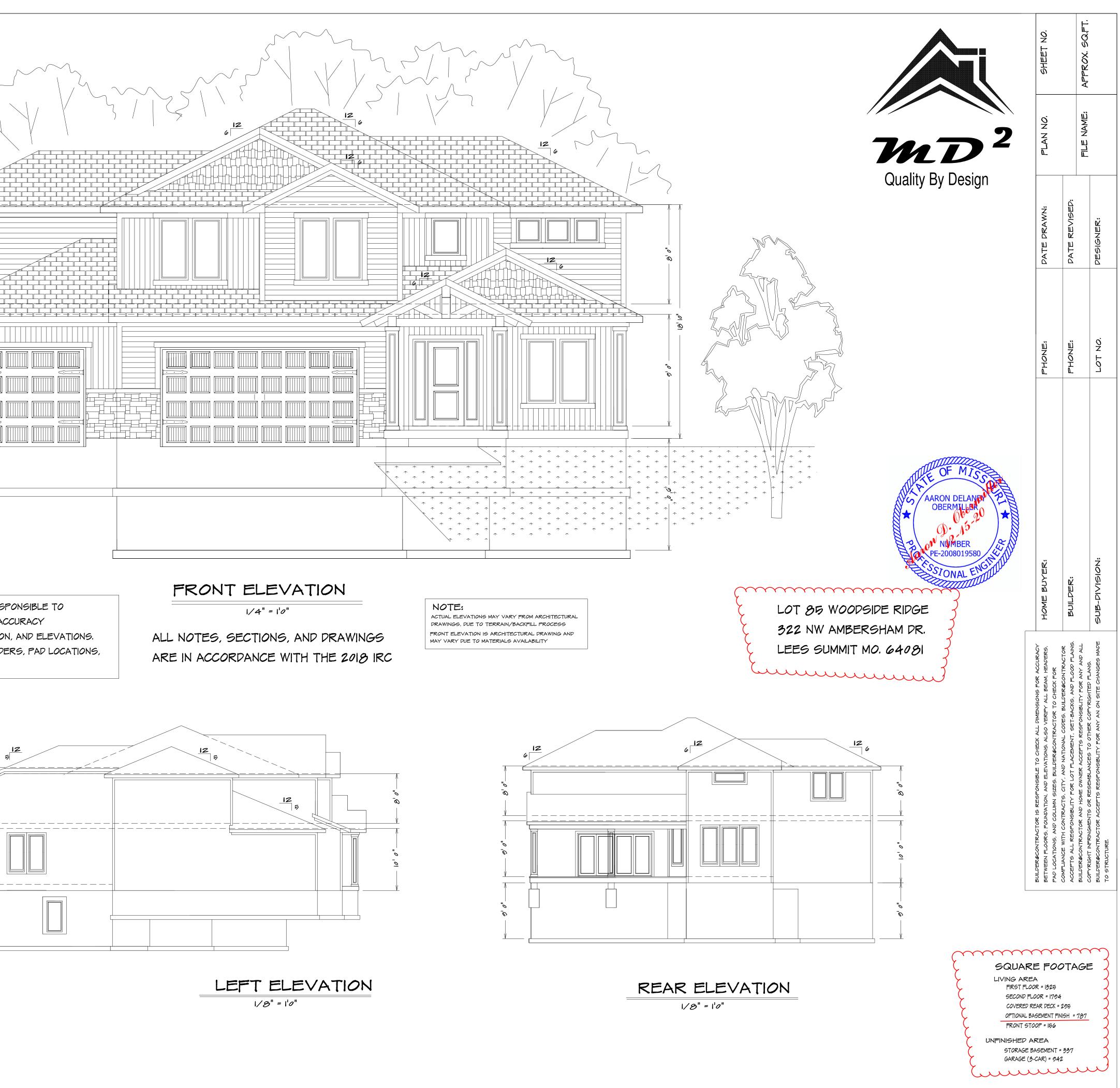
	SHEET NO.		APPROX. SQ.FT.
Duclity By Decision	FLAN NO.		FILE NAME:
Quality By Design	DATE DRAWN:	DATE REVISED:	DESIGNER:
	PHONE;	PHONE:	LOT NO.
LOT 85 WOODSIDE RIDGE 322 NW AMBERSHAM DR. LEES SUMMIT MO. 64081	RACY PERS, HOME BUYER:	CTOR PLAINS. BUILDER:	MADE SUB-DIVISION:
LEES SUMMIT MO. 64081	BUILDER&CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS FOR ACCURACY BETWEEN FLOORS, FOUNDATION, AND ELEVATIONS. ALSO VERIFY ALL BEAM, HEADERS, FAD LOCATIONS, AND COLUMN SIZES, BUILDER&CONTRACTOR TO CHECK FOR	COMPLIANCE WITH CONTRACTS, CITY, AND NATIONAL COPES, BUILDER&CONTRACTOR ACCEPTS ALL RESPONSIBLITY FOR LOT PLACEMENT, SET-BACKS, AND FLOOD PLAINS	BUILDER&CONTRACTOR AND HOME OWNER ACCEPTS RESPONSIBLITY FOR ANY AND ALL COPYRIGHT INFRINGMENTS OR RESEMBLANCES TO OTHER COPYRIGHTED FLANS. BUILDER&CONTRACTOR ACCEPTS RESPONSIBLITY FOR ANY AN ON SITE CHANGES MADE TO STRUCTURE.
COVERED I OPTIONAL B FRONT ST UNFINISHED A STORAGE GARAGE (3)	CE FO EA DOR = 1325 LOOR = 1792 REAR DECK = GASEMENT FIL COP = 156 AREA BASEMENT :	OTA 205 <u>NISH = 7</u> = 337 2	

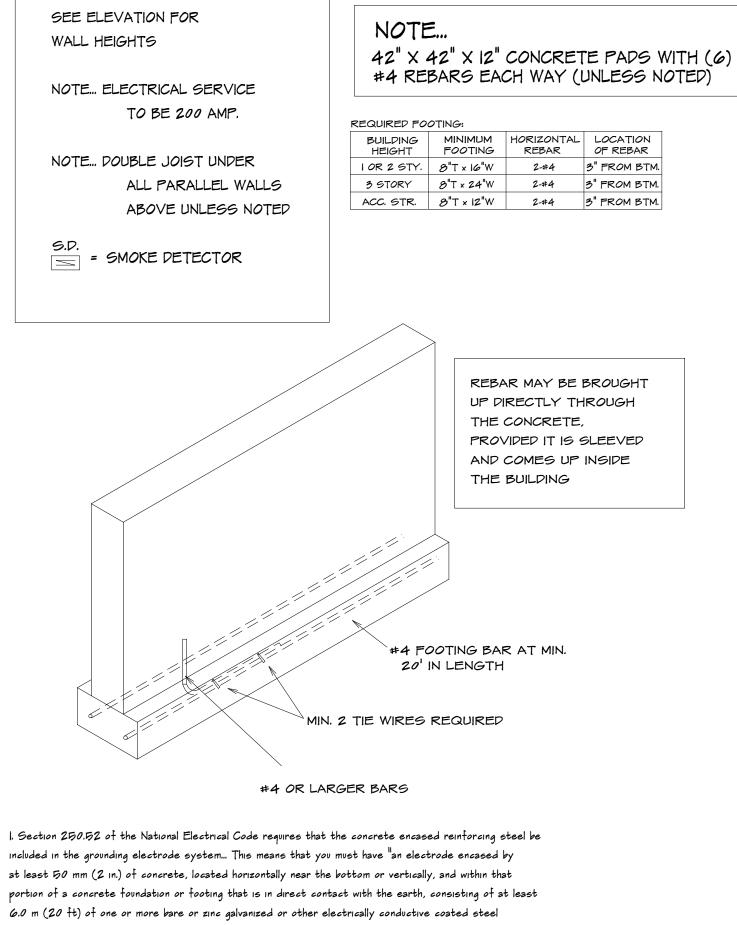


BUILDER/CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS FOR ACCURACY BETWEEN FLOORS, FOUNDATION, AND ELEVATIONS. ALSO VERIFY ALL BEAM, HEADERS, PAD LOCATIONS, AND COLUMN SIZES.



|/8" = |'0"





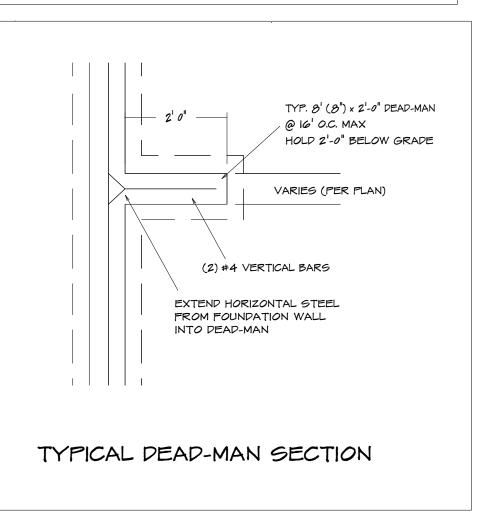
reinforcing bars or rods of not less than 13 mm (1/2 in.) in diameter, or consisting of at least 6.0 m (20 ft) of bare copper conductor not smaller than 4 AWG. 2. Reinforcing bars shall be permitted to be bonded together by the usual steel tie wires or other effective means. Where multiple concrete-encased electrodes are present at a building or structure, it shall be

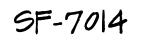
permissible to bond only one into the grounding electrode system." Proper lap splices are required

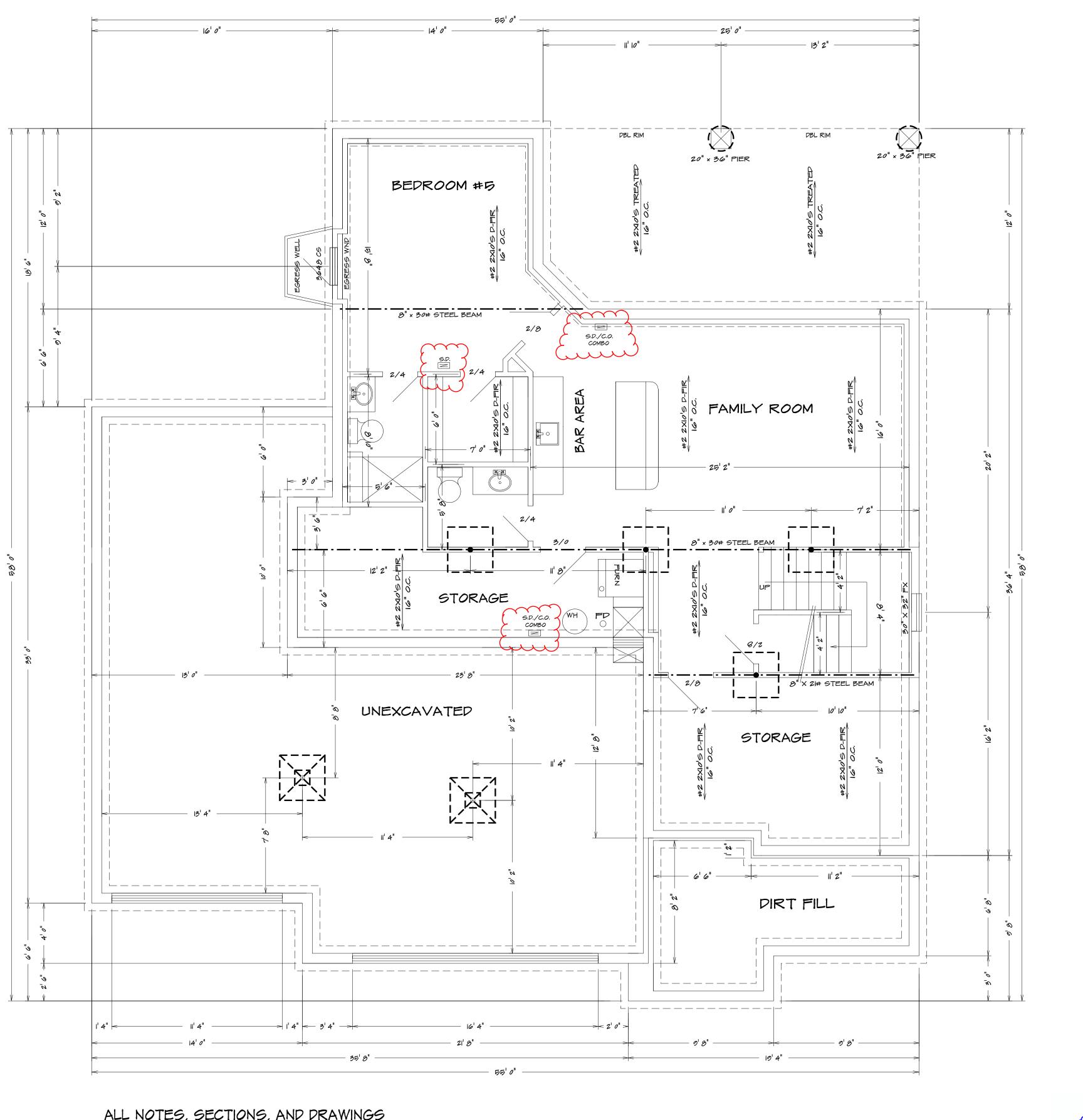
UFER GOUNDING SECTION

STEEL COLUMNS TO BE 3" DIAMETER SCHEDULE 40 PIPE MANUFACTURED IN ACCORDANCE WITH ASTM A53 GRADE B OR APPROVED EQUIVALENT UNLESS NOTED

Note...Bridging. Joists exceeding a nominal 2 inches by 12 inches shall be supported laterally by solid blocking, diagonal bridging (wood or metal), or a continuous l-inch-by-3-inch strip nailed across the bottom of joists perpendicular to joists at intervals not exceeding 8 feet. (R502.7.1)







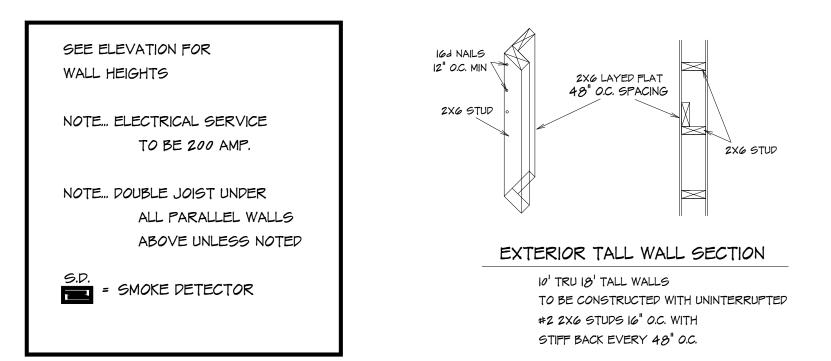
ALL NOTES, SECTIONS, AND DRAWINGS ARE IN ACCORDANCE WITH THE 2018 IRC

BASEMENT PLAN

A V



 \sim LOT 85 WOODSIDE RIDGE 322 NW AMBERSHAM DR. LEES SUMMIT MO. 64081 mmmm



GENERAL HEADER SPECIFICATIONS:			
REQUIRED AREAS NEEDING HEADERS:	HEADER DESCRIPTIONS:		
WINDOWS/DOORS UP TO 38" R.O.	(2) #2 D-FIR 2X10'S		
WINDOWS/DOORS 38" UP TO 72" R.O.	(2) #2 D-FIR 2X10'S W/1/2" GLUE PLY		
WINDOWS/DOORS 72" UP TO 96" R.O.	(2) 9 I/2" L.V.L.		
8'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 9 I/2" L.V.L.		
9'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 9 I/2" L.V.L.		
8'0" GARAGE DOORS W/SECOND FLOOR	(Z) 9 1/2" L.V.L.		
9'0" GARAGE DOORS W/SECOND FLOOR	(2) 7/8" L.V.L.		
16'0" GARAGE DOOR W/NO SECOND FLOOR	(2) 7/8" L.V.L.		
16'0" GARAGE DOORS W/SECOND FLOOR	(2) 4" L.V.L.		
USE HEADERS FOR OPENINGS ABOVE	UNLESS SPECIFIED OTHERWISE.		

R312.2.1 Window sills.

In dwelling units, where the opening of an operable window is located more than 72 inches (1829 mm) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the fininshed floor of the room in which the window is located. Operable sections of windows shall not permit openings that allow passage of a 4-inch-diameter (102 mm) sphere where such openings are located within 24 inches (610 mm) of the finished floor.

Exceptions

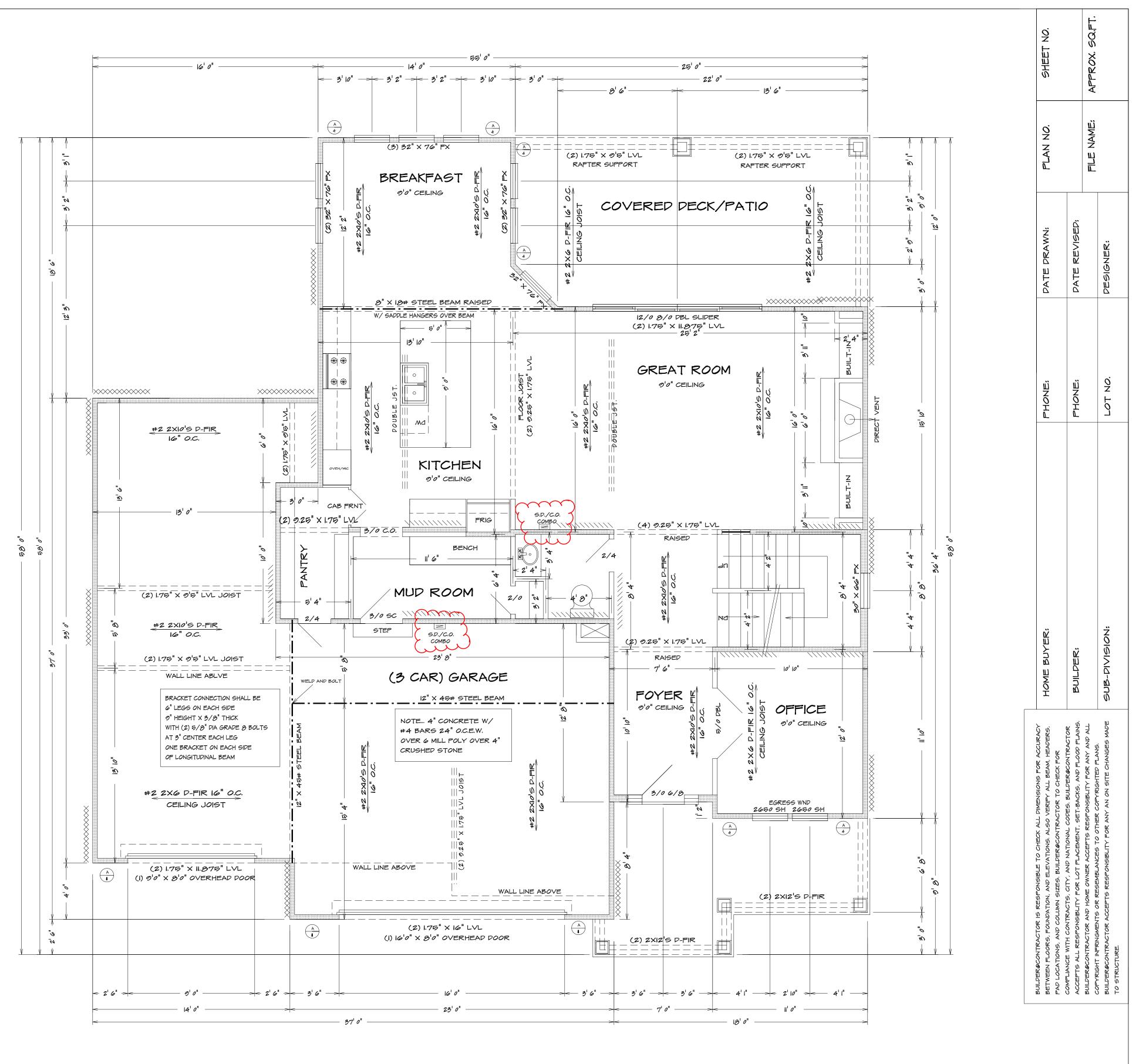
- I. Windows whose openings will not allow a 4-inch-diameter (102 mm) sphere to pass through the opening when the opening is in its largest opened position.
- 2. Openings that are provided with window fall prevention devices that comply with ASTM F 2090.
- 3. Windows that are provided with window opening control devices that comply with Section R312.2.2.

R312.2.2 Window opening control devices.

Window opening control devices shall comply with ASTM F 2090. The window opening control device, after operation to release the control device allowing the window to fully open, shall not reduce the minimum net clear opening area of the window unit to less than the area required by Section R310.1.1.

Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet, one-half of which must be openable. Exception: The glazed areas shall not be required where artificial light and a local exhaust system are provided. The minimum local exhaust rates shall be determined in accordance with Section MI507. Exhaust air from the space shall be exhausted directly

to the outdoors.



ALL NOTES, SECTIONS, AND DRAWINGS ARE IN ACCORDANCE WITH THE 2018 IRC

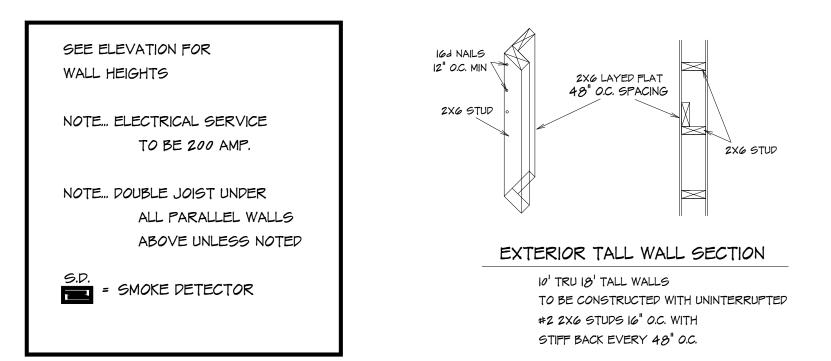


BEARING WALL LINES



m LOT 85 WOODSIDE RIDGE 322 NW AMBERSHAM DR. LEES SUMMIT MO. 64081 mmmm





GENERAL HEADER SPECIFICATIONS:			
REQUIRED AREAS NEEDING HEADERS:	HEADER DESCRIPTIONS:		
WINDOWS/DOORS UP TO 38" R.O.	(2) #2 D-FIR 2X10'S		
WINDOWS/DOORS 38" UP TO 72" R.O.	(2) #2 D-FIR 2X10'S W/1/2" GLUE PLY		
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8'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 9 I/2" L.V.L.		
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8'0" GARAGE DOORS W/SECOND FLOOR	(Z) 9 1/2" L.V.L.		
9'0" GARAGE DOORS W/SECOND FLOOR	(2) 7/8" L.V.L.		
16'0" GARAGE DOOR W/NO SECOND FLOOR	(2) 7/8" L.V.L.		
16'0" GARAGE DOORS W/SECOND FLOOR	(2) 4" L.V.L.		
USE HEADERS FOR OPENINGS ABOVE	UNLESS SPECIFIED OTHERWISE.		

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In dwelling units, where the opening of an operable window is located more than 72 inches (1829 mm) above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches (610 mm) above the fininshed floor of the room in which the window is located. Operable sections of windows shall not permit openings that allow passage of a 4-inch-diameter (102 mm) sphere where such openings are located within 24 inches (610 mm) of the finished floor.

Exceptions

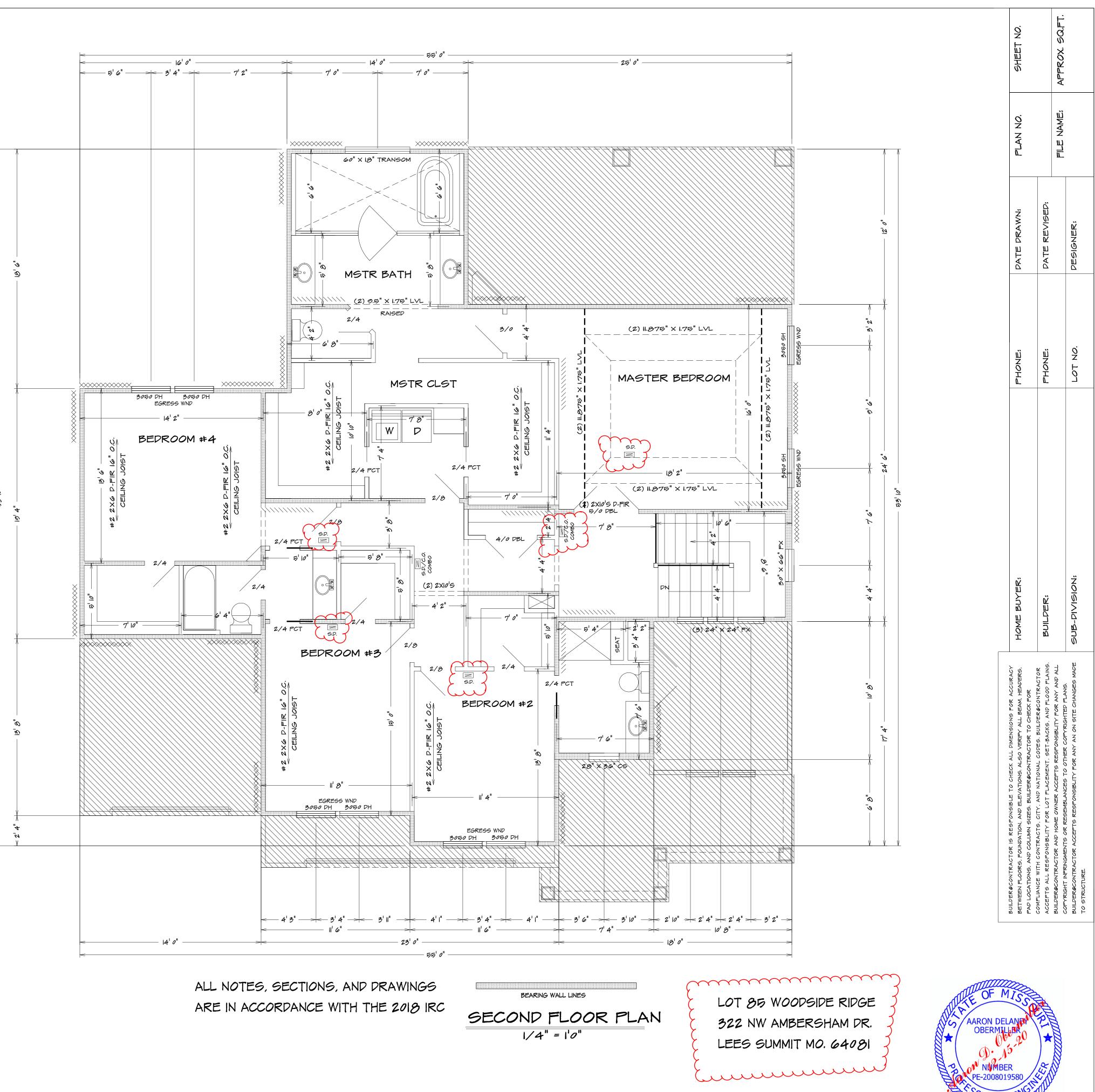
- I. Windows whose openings will not allow a 4-inch-diameter (102 mm) sphere to pass through the opening when the opening is in its largest opened position.
- 2. Openings that are provided with window fall prevention devices that comply with ASTM F 2090.
- 3. Windows that are provided with window opening control devices that comply with Section R312.2.2.

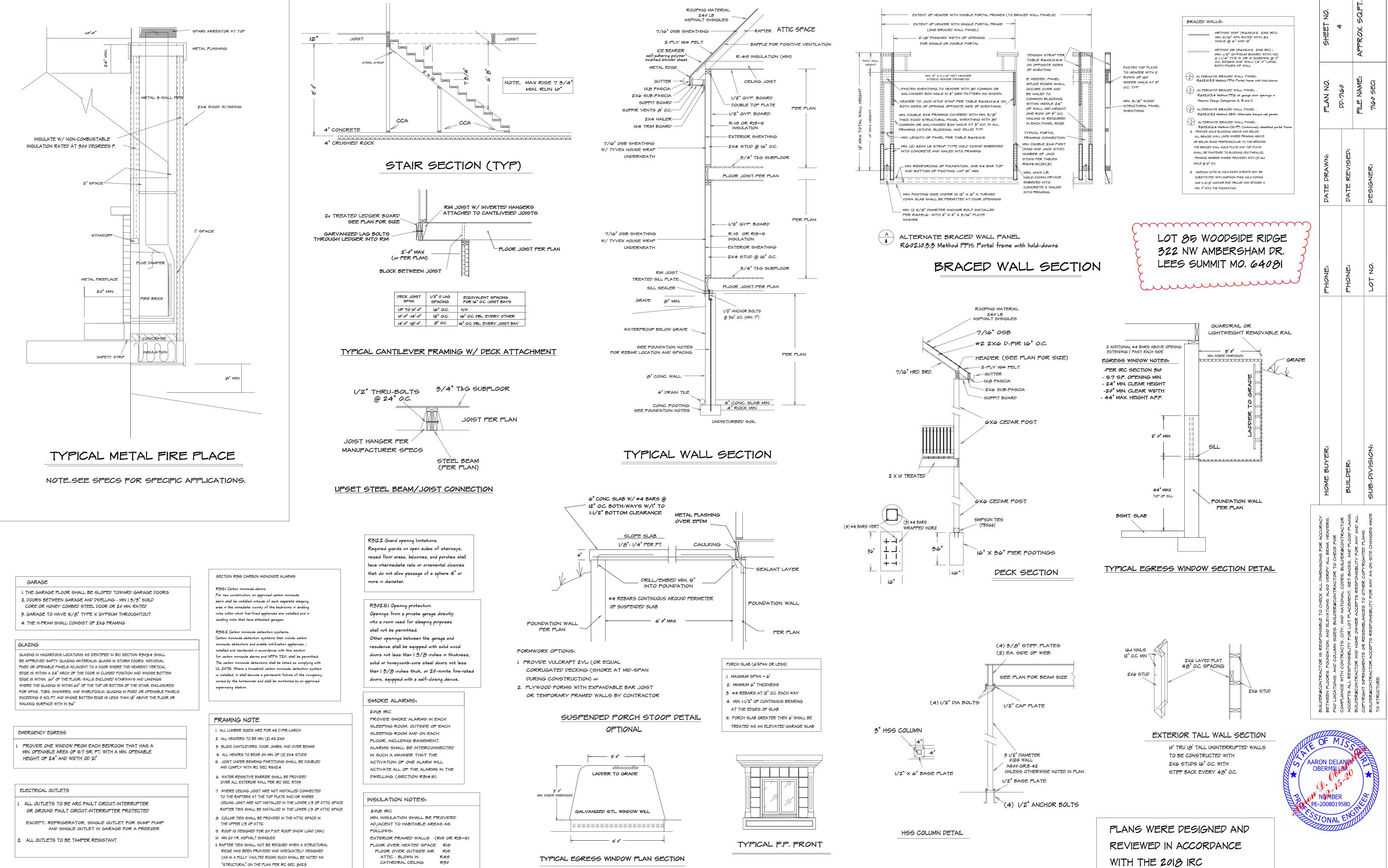
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to the outdoors.





- "STRUCTURAL" ON THE PLAN. PER IRC SEC. 802.3

CATHEDRAL CEILING R30

Foundation Wall Reinforcement Schedule - Table 2

Concrete strength/Grade	8 inch thick wall			10 inch thick wall		
Reinforcement #4 bar	8'	9'	10'	8'	9'	10'
3,000 psi / Grade 40	16	12	NP	24	16	12
3,500 psi / Grade 40	16	12	NP	24	24	12
3,000 psi / Grade 60	24	16	NP	24	20	16
3,500 psi / Grade 60	24	16	NP	24	24	16
Horizontal reinforcement -	- Minim	num Gr	ade 40) steel	#4	bar
One bar 12" from top of wall; maximum spacing 24" o.c.	4-#4	5-#4	6-#4	4-#4	5-#4	6-#4

Footnotes:

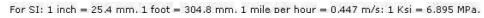
1) Wall height is measured from the top of the wall to the top of the floor slab.

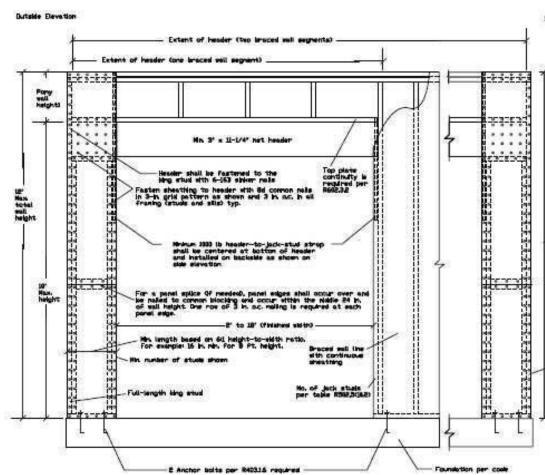
- 2) Vertical reinforcement for concrete walls that are not full height and for reinforcement spaced 24 inch on center may be placed in the middle of the wall. Other walls shall have vertical reinforcement place as follows:
- a) 8-inch wall Minimum 5 inches from the outside face. b) 10-inch wall – Minimum 6.75 inches from the outside face.
- c) Extend bars to within 8 inches of the top of the wall.
- 3) Reinforcement clearances:
- a) Concrete exposed to earth minimum 1-1/2 inches.
- b) Not exposed to weather (interior side of walls) minimum 3/4 inch.
- c) Concrete exposed to weather (top clearance in garage and driveway slabs)- 1-1/2 inches. 4) Horizontal reinforcement:
- a) One bar shall be placed within 12 inches of the top of the wall.
- b) Other bars shall be equally spaced with spacing not to exceed 24 inches on center. c) Horizontal bars should be as close to the tension face as possible (interior) and behind
- the vertical reinforcement (i.e.2" towards the inside). d) Supplemental reinforcement at corners - Place 1 #4 bar 48 inches long at 45 degree angle at corners of openings per Figure 4a. Place reinforcement within 6" of the edge of inside corners
- 5) Reinforcement shall be lapped a minimum 24 inches at ends, splices, and around corners. 6) At masonry ledges the minimum wall thickness shall be 3-1/2 inches. Ledges shall not exceed a depth of more than 24 inches below the top of the wall. For wall thicknesses less
- than 4 inches provide #4 bars at maximum 24 inches on center to within 8 inches of the top of the wall. Straight walls more than 5 feet tall and more than 16 feet long shall be provided with exterior braced return walls. Wall length shall be measured using inside the shortest dimension
- between intersecting walls (See 7/S2).

ITEM	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER ^{a, b, c} Roof	SPACING OF FASTENERS
1	Blocking between joists or	3-8d (2 ¹ /2" ×	
1	rafters to top plate, toe nail	0.113")	85
2	Ceiling joists to plate, toe nail	3-8d (2 ¹ /2" × 0.113")	80-
3	Ceiling joists not attached to parallel rafter, laps over partitions, face nail	3-10d	3-
4	Collar tie to rafter, face nail or 1 ¹ /4" × 20 gage ridge strap	3-10d (3" × 0.128")	12-
5	Rafter or roof truss to plate, toe nail	3-16d box nails (3 ¹ / ₂ " × 0.135") or 3-10d common nails (3" × 0.148")	2 toe nails on one side and 1 toe nail on opposite side of each rafter or truss ^j
6	Roof rafters to ridge, valley or hip rafters: toe nail face nail	4-16d (3 ¹ /2" × 0.135") 3-16d (3 ¹ /2" × 0.135")	×
8-34	NO	Wall	
7	Built-up studs-face nail Abutting studs at intersecting	10d (3" × 0.128") 16d (3 ¹ /2" ×	24″ o.c.
8	wall corners, face nail Built-up header, two pieces	0.135") 16d (3 ¹ / ₂ " ×	12" o.c.
9	with $1/2^{\prime\prime}$ spacer	0.135″)	16″ o.c. along each edge
10	Continued header, two pieces	16d (3 ¹ /2" × 0.135")	16″ o.c. along each edge
11	Continuous header to stud, toe nail	4-8d (2 ¹ /2" × 0.113")	80-
12	Double studs, face nail	10d (3" × 0.128")	24″ o.c.
13	Double top plates, face nail Double top plates, minimum	10d (3" × 0.128")	24″ o.c.
14	24-inch offset of end joints, face nail in lapped area	8-16d (3 ¹ /2" × 0.135")	8—
15	Sole plate to joist or blocking, face nail	16d (3 ¹ /2" × 0.135")	16″ o.c.
16	Sole plate to joist or blocking at braced wall panels	3-16d (3 ¹ /2" × 0.135")	16″ o.c.
17	Stud to sole plate, toe nail	3-8d (2 ¹ /2" × 0.113") or 2-16d (3 ¹ /2" × 0.135")	
18	Top or sole plate to stud, end nail	2-16d (3 ¹ /2" × 0.135")	85-
19	Top plates, laps at corners and intersections, face nail	2-10d (3" × 0.128")	ΪΞ <u></u>
20	1″ brace to each stud and plate, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4" ×	7782
21	1″ × 6″ sheathing to each bearing, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4"	
22	1″ × 8″ sheathing to each bearing, face nail	2-8d (2 ¹ /2" × 0.113") 3 staples 1 ³ / 4	1-1-2
23	Wider than 1" × 8" sheathing to each bearing, face nail	3-8d (2 ¹ /2" × 0.113") 4 staples 1 ³ /4"	
		Floor	
24	Joist to sill or girder, toe nail	3-8d (2 ¹ /2" × 0.113")	80-
25	Rim joist to top plate, toe nail (roof applications also)	8d (2 ¹ /2" × 0.113")	6" o.c.
26	Rim joist or blocking to sill plate, toe nail	8d (2 ¹ /2" × 0.113")	6″ o.c.
27	1″ × 6″ subfloor or less to each joist, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4"	
28	2" subfloor to joist or girder, blind and face nail	2-16d (3 ¹ /2" × 0.135")	8
29	2″ planks (plank & beam - floor & roof)	2-16d (3 ¹ /2" × 0.135")	at each bearing
30	Built-up girders and beams, 2-inch lumber layers	0.135") 10d (3* × 0.128*)	Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice.
31	Ledger strip supporting joists or rafters	3-16d (3 ¹ /2" × 0.135")	At each joist or rafter

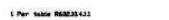
TABLE R602.3(1) FASTENER SCHEDULE FOR STRUCTURAL MEMBERS 6010-2007-4010-781-5552-991-1

		DESCRIPTION OF	SF	PACING OF FASTENERS
ITEM	BUILDING MATERIALS FASTENER ^{6, 1, e}		Edges (inches) ⁱ	Intermediate supports ^{c, e} (inches)
W	ood structural panels, su	sheathing to fr) framing and particleboard wall
32	³ /8" - ¹ /2"	6d common (2" × 0.113") nail (subfloor wall) ^j 8d common (2 ¹ /2" × 0.131") nail (roof) ^f	6	129
33	¹⁹ /32" - 1"	8d common nail (2 ¹ /2" × 0.131")	6	12 ⁹
34	1 ¹ /8" - 1 ¹ /4"	10d common (3" × 0.148") nail or 8d (2 ¹ /2" × 0.131") deformed nail	6	12
		Other wall shea	athing ^h	
35	¹ / ₂ " structural cellulosic fiberboard sheathing	llulosic nail, 7/16" crown or 1" crown		6
36	²⁵ / ₃₂ " structural cellulosic fiberboard sheathing staple 16 ga., 1 ¹ / ₂ " long		3	6
37	¹ /2" gypsum sheathing ^d	1 ¹ /2" galvanized roofing nail; staple galvanized, 1 ¹ /2" long; 1 ¹ /4 screws, Type W or S	7	7
38		1 ³ /4" galvanized roofing nail; staple galvanized, 1 ⁵ /8" long; 1 ⁵ /8" screws, Type W or S	z	7
Â	Wood stru	uctural panels, combination	subfloor unde	erlayment to framing
39	³ /4" and less	6d deformed (2" × 0.120") nail or 8d common (2 ¹ /2" × 0.131") nail	6	12
40	⁷ /8" - 1"	8d common (2 ¹ /2" × 0.131") nail or 8d deformed (2 ¹ /2" × 0.120") nail	6	12
41	1 ¹ /8" - 1 ¹ /4"	10d common (3" × 0.148") nail or 8d deformed (2 ¹ /2" × 0.120") nail	6	12



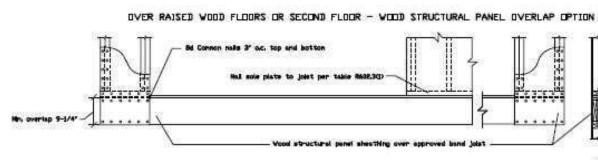


OVER CONCRETE OR MASONRY BLOCK FOUNDATION



OVER RAISED VOOD FLOORS OR SECOND FLOOR - FRAMING ANCHOR OPTION

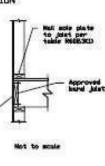


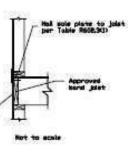


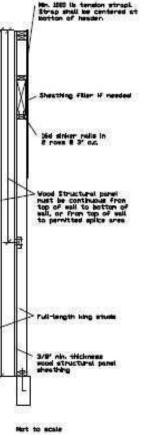
CF-PF WALL BRACING SECTION

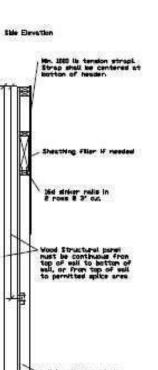
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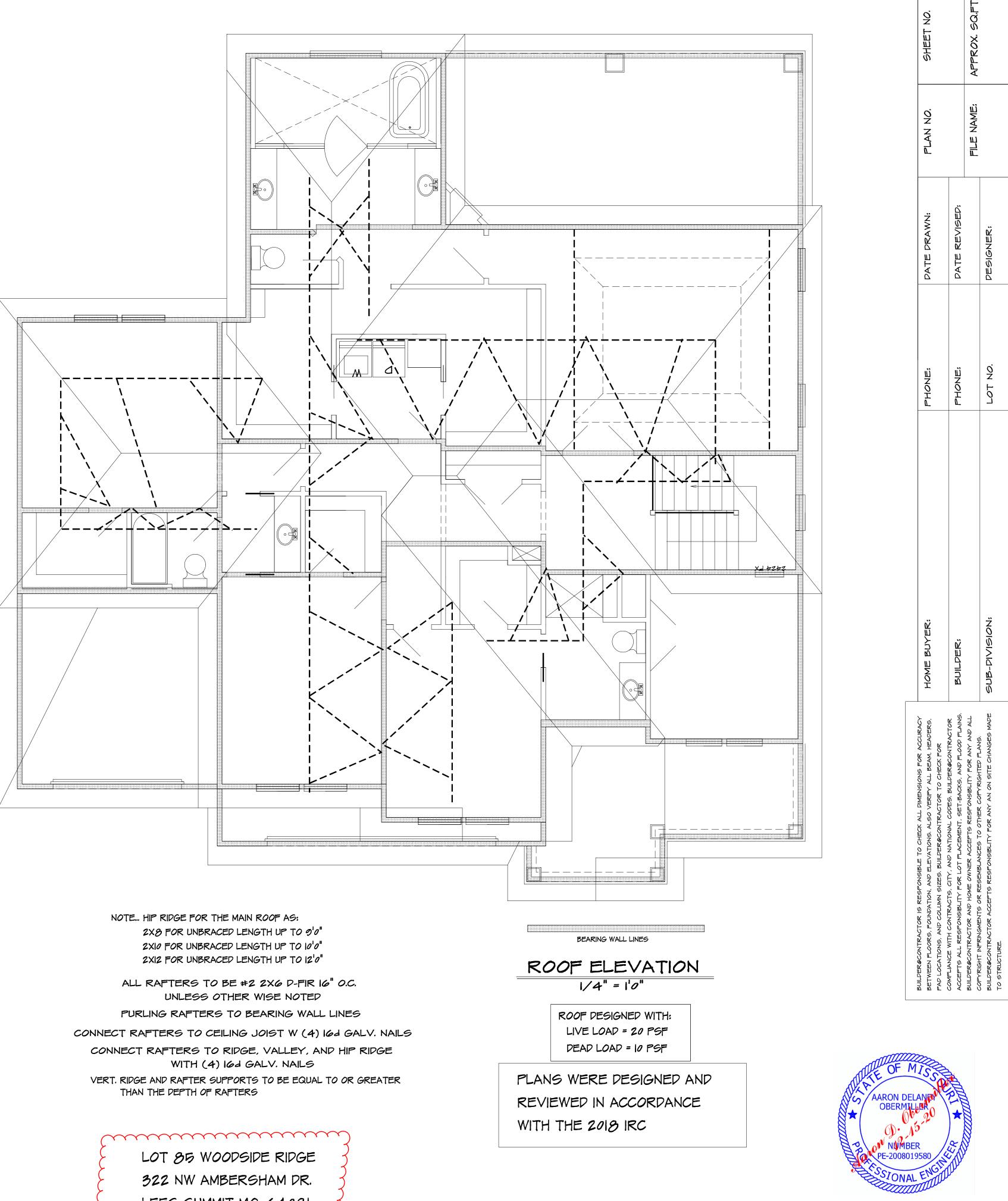
WITH (4) IGO GALV. NAILS THAN THE DEPTH OF RAFTERS LOT 85 WOODSIDE RIDGE 322 NW AMBERSHAM DR. LEES SUMMIT MO. 64081 mmmmm

CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE VERT. RIDGE AND RAFTER SUPPORTS TO BE EQUAL TO OR GREATER

UNLESS OTHER WISE NOTED

2X12 FOR UNBRACED LENGTH UP TO 12'0"

2X8 FOR UNBRACED LENGTH UP TO 9'0" 2X10 FOR UNBRACED LENGTH UP TO 10'0"



Foundation Wall Reinforcement Schedule - Table 2

Concrete strength/Grade	8 inch thick wall			10 inch thick wall		
Reinforcement #4 bar	8'	9'	10 '	8'	9'	10'
3,000 psi / Grade 40	16	12	NP	24	16	12
3,500 psi / Grade 40	16	12	NP	24	24	12
3,000 psi / Grade 60	24	16	NP	24	20	16
3,500 psi / Grade 60	24	16	NP	24	24	16
Horizontal reinforcement -	- Minim	num Gr	ade 40) steel	#4	bar
One bar 12" from top of wall; maximum spacing 24" o.c.	4-#4	5-#4	6-#4	4-#4	5-#4	6-#4

Footnotes:

1) Wall height is measured from the top of the wall to the top of the floor slab.

- 2) Vertical reinforcement for concrete walls that are not full height and for reinforcement spaced 24 inch on center may be placed in the middle of the wall. Other walls shall have vertical reinforcement place as follows:
- a) 8-inch wall Minimum 5 inches from the outside face.
- b) 10-inch wall Minimum 6.75 inches from the outside face. c) Extend bars to within 8 inches of the top of the wall.
- 3) Reinforcement clearances:

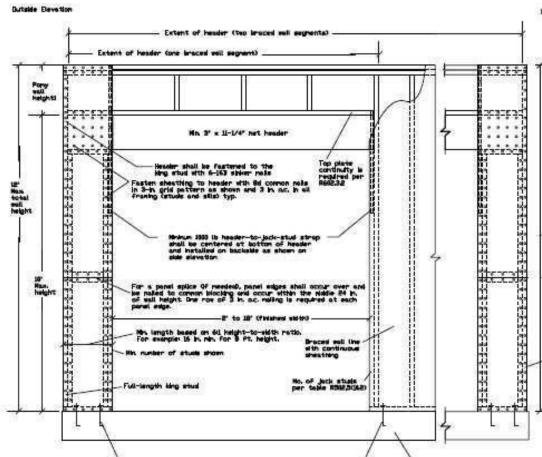
TABLE R602.3(1) FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

- a) Concrete exposed to earth minimum 1-1/2 inches.
- b) Not exposed to weather (interior side of walls) minimum 3/4 inch.
- c) Concrete exposed to weather (top clearance in garage and driveway slabs)- 1-1/2 inches. 4) Horizontal reinforcement:
- a) One bar shall be placed within 12 inches of the top of the wall.
- b) Other bars shall be equally spaced with spacing not to exceed 24 inches on center. c) Horizontal bars should be as close to the tension face as possible (interior) and behind the vertical reinforcement (i.e.2" towards the inside).
- d) Supplemental reinforcement at corners Place 1 #4 bar 48 inches long at 45 degree angle at corners of openings per Figure 4a. Place reinforcement within 6" of the edge of inside corners
- 5) Reinforcement shall be lapped a minimum 24 inches at ends, splices, and around corners. 6) At masonry ledges the minimum wall thickness shall be 3-1/2 inches. Ledges shall not exceed a depth of more than 24 inches below the top of the wall. For wall thicknesses less than 4 inches provide #4 bars at maximum 24 inches on center to within 8 inches of the top of
- the wall. 7) Straight walls more than 5 feet tall and more than 16 feet long shall be provided with exterior braced return walls. Wall length shall be measured using inside the shortest dimension between intersecting walls (See 7/S2).

ITEM	DESCRIPTION OF BUILDING ELEMENTS	ELEMENTS FASTENER ^{a, b, c}		
	Blocking between joists or	Roof 3-8d (2 ¹ /2" ×		
1	rafters to top plate, toe nail	0.113")	85	
2	Ceiling joists to plate, toe nail	3-8d (2 ¹ /2" × 0.113")	8.—	
3	Ceiling joists not attached to parallel rafter, laps over partitions, face nail	3-10d	55-	
4	Collar tie to rafter, face nail or 1 ¹ /4" × 20 gage ridge strap	3-10d (3* × 0.128*)	12-	
5	Rafter or roof truss to plate, toe nail	3-16d box nails (3 ¹ / ₂ " × 0.135") or 3-10d common nails (3" × 0.148")	2 toe nails on one side and 1 toe nail on opposite side of each rafter or truss ^j	
6	A-16d (3 ¹ /2		24-	
7	NO	Wall	24# 5 5	
8	Built-up studs-face nail Abutting studs at intersecting	10d (3" × 0.128") 16d (3 ¹ / ₂ " ×	24" o.c. 12" o.c.	
9	wall corners, face nail Built-up header, two pieces	0.135") 16d (3 ¹ /2" ×	12 0.c. 16" o.c. along each	
3	with ¹ /2" spacer	0.135")	edge	
10	Continued header, two pieces	16d (3 ¹ /2" × 0.135")	16″ o.c. along each edge	
11	Continuous header to stud, toe nail	4-8d (2 ¹ /2" × 0.113")	80	
12	Double studs, face nail	10d (3" × 0.128")	24" o.c.	
13 14	Double top plates, face nail Double top plates, minimum 24-inch offset of end joints,	10d (3" × 0.128") 8-16d (3 ¹ /2" × 0.135")	24″ o.c. —	
15	face nail in lapped area Sole plate to joist or blocking, face nail	16d (3 ¹ /2" × 0.135")	16″ o.c.	
16	Sole plate to joist or blocking 3-16d (3 ¹ /2" × at braced wall panels 0.135")		16″ o.c.	
17	Stud to sole plate, toe nail	3-8d (2 ¹ /2" × 0.113") or 2-16d (3 ¹ /2" × 0.135")	17-5	
18	Top or sole plate to stud, end nail	2-16d (3 ¹ /2" × 0.135")	8-	
19	Top plates, laps at corners and intersections, face nail	2-10d (3" × 0.128")	18 <u>—</u>	
20	1″ brace to each stud and plate, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4" ×	9 <u> </u> 9 <u>23</u>	
21	1" × 6" sheathing to each bearing, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4"		
22	1" × 8" sheathing to each bearing, face nail	2-8d (2 ¹ /2" × 0.113") 3 staples 1 ³ / 4		
23	Wider than 1″ × 8″ sheathing to each bearing, face nail	3-8d (2 ¹ /2" × 0.113") 4 staples 1 ³ /4"	1 <u>_12</u>	
		Floor		
24	Joist to sill or girder, toe nail	3-8d (2 ¹ /2" × 0.113")	80 -	
25	Rim joist to top plate, toe nail (roof applications also)	8d (2 ¹ /2" × 0.113")	6″ o.c.	
26	Rim joist or blocking to sill plate, toe nail	8d (2 ¹ /2" × 0.113")	6″ o.c.	
27	1" × 6" subfloor or less to each joist, face nail	2-8d (2 ¹ /2" × 0.113") 2 staples 1 ³ /4"	1	
28	2″ subfloor to joist or girder, blind and face nail	2-16d (3 ¹ /2" × 0.135")	187	
29	2″ planks (plank & beam - floor & roof)	2-16d (3 ¹ /2" × 0.135")	at each bearing	
30	Built-up girders and beams, 2-inch lumber layers	10d (3" × 0.128")	Nail each layer as follows: 32″ o.c. at top and bottom and staggered. Two nails at ends and at each splice.	
31	Ledger strip supporting joists or rafters	3-16d (3 ¹ /2" × 0.135")	At each joist or rafter	

26 IN 1983

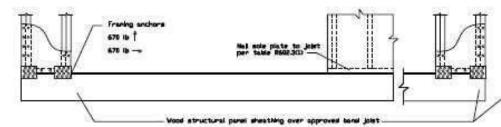
OVER CONCRETE OR HASONRY BLOCK FOUNDATION

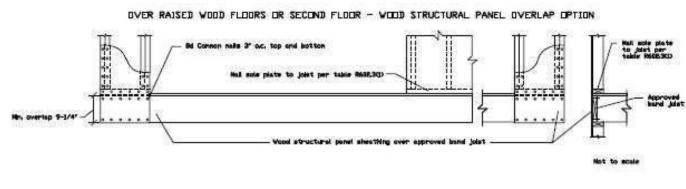


- E Anchor bolts per 840315 regular



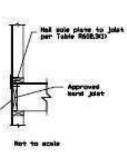
OVER RAISED VODD FLOORS OR SECOND FLOOR - FRAMING ANCHOR OPTION



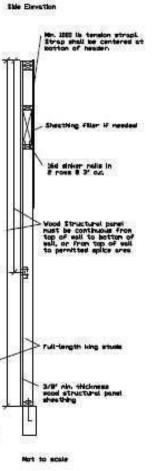


CF-PF WALL BRACING SECTION

		DECODVETION OF	SPACING OF FASTENERS		
ITEM	DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER ^{b, c, e}	Edges (inches) ⁱ	Intermediate supports ^{c, e} (inches)	
W	ood structural panels, su	bfloor, roof and interior wa sheathing to fr		o framing and particleboard wal	
32	³ /8" - ¹ /2"	6d common (2" × 0.113") nail (subfloor wall) ^j 8d common (2 ¹ /2" × 0.131") nail (roof) ^f	6	12 ^g	
33	¹⁹ /32" - 1"	8d common nail (2 ¹ /2" × 0.131")	6	12 ⁹	
34	1 ¹ /8" - 1 ¹ /4"	10d common (3" × 0.148") nail or 8d (2 ¹ /2" × 0.131") deformed nail	6	12	
		Other wall she	athing ^h		
35	¹ /2" structural cellulosic fiberboard sheathing	1 ¹ /2" galvanized roofing nail, ⁷ /16" crown or 1" crown staple 16 ga., 1 ¹ /4" long	3	6	
36	²⁵ / ₃₂ " structural cellulosic fiberboard sheathing staple 16 ga., 1 ¹ / ₂ " long		3	6	
37	¹ /2" gypsum sheathing ^d	1 ¹ /2" galvanized roofing nail; staple galvanized, 1 ¹ /2" long; 1 ¹ /4 screws, Type W or S	7	7	
38	⁵ /8" gypsum sheathing ^d	1 ³ /4" galvanized roofing nail; staple galvanized, 1 ⁵ /8" long; 1 ⁵ /8" screws, Type W or S	7	7	
Â	Wood stru	ictural panels, combination	subfloor unde	erlayment to framing	
39	³ /4" and less	6d deformed (2" × 0.120")		12	
40	⁷ /8" - 1"	8d common (2 ¹ /2" × 0.131") nail or 8d deformed (2 ¹ /2" × 0.120") nail	6	12	
41	1 ¹ /8" - 1 ¹ /4"	10d common (3" × 0.148") nail or 8d deformed (2 ¹ /2" × 0.120") nail	6	12	



malarition per coole



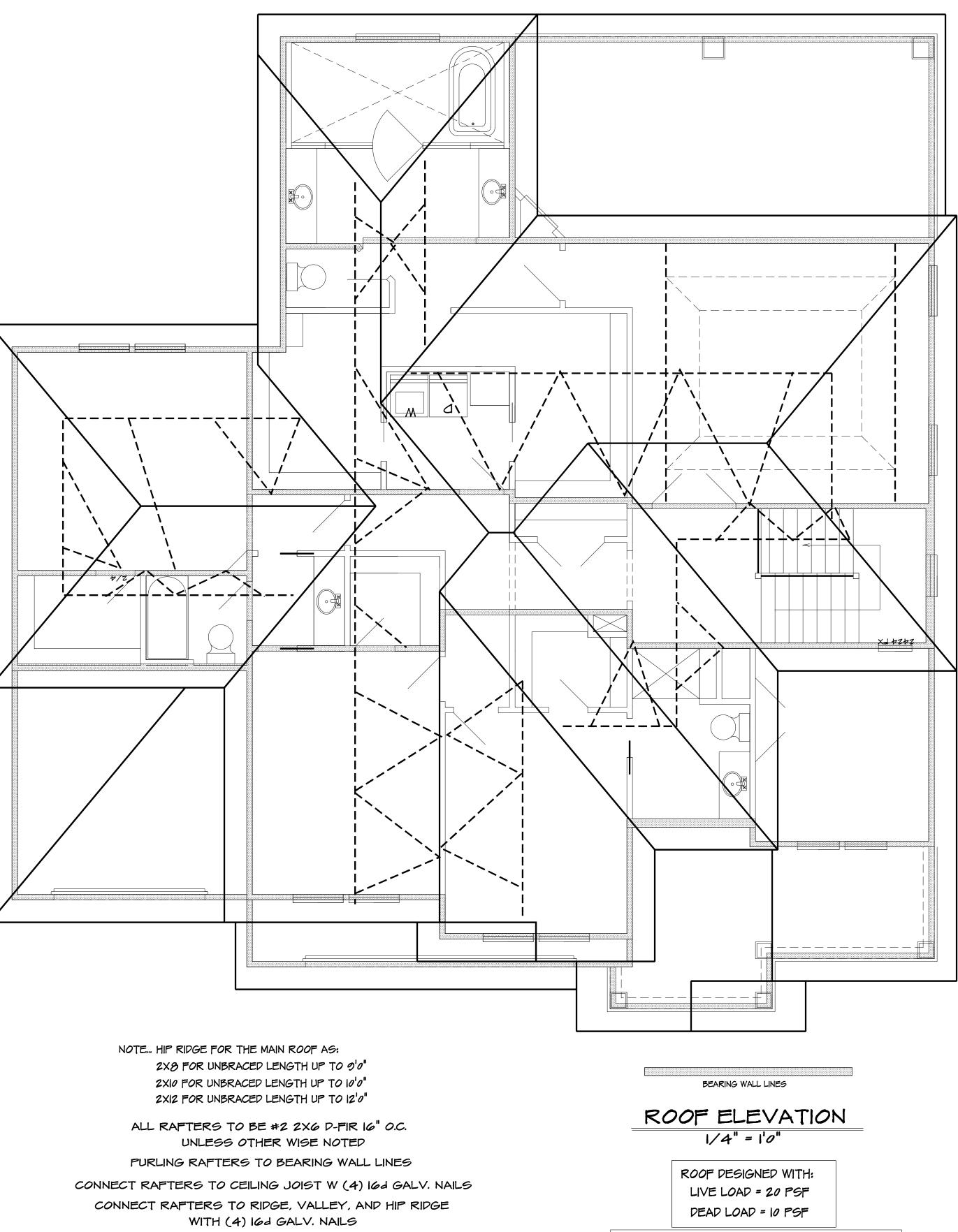
For SI: 1 inch = 25.4 mm. 1 foot = 304.8 mm. 1 mile per hour = 0.447 m/s: 1 Ksi = 6.895 MPa.

LOT 85 WOODSIDE RIDGE 322 NW AMBERSHAM DR. LEES SUMMIT MO. 64081 mmmmm

CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE WITH (4) IGd GALV. NAILS VERT. RIDGE AND RAFTER SUPPORTS TO BE EQUAL TO OR GREATER THAN THE DEPTH OF RAFTERS

PURLING RAFTERS TO BEARING WALL LINES

2X8 FOR UNBRACED LENGTH UP TO 9'0" 2X10 FOR UNBRACED LENGTH UP TO 10'0"



PLANS WERE DESIGNED AND REVIEWED IN ACCORDANCE WITH THE 2018 IRC

