



Quality By Design

606 NE LONE HILL DRIVE LEES SUMMIT MO

LOT 16 ESTATES OF CHAPEL RIDGE

 \sim

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.

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

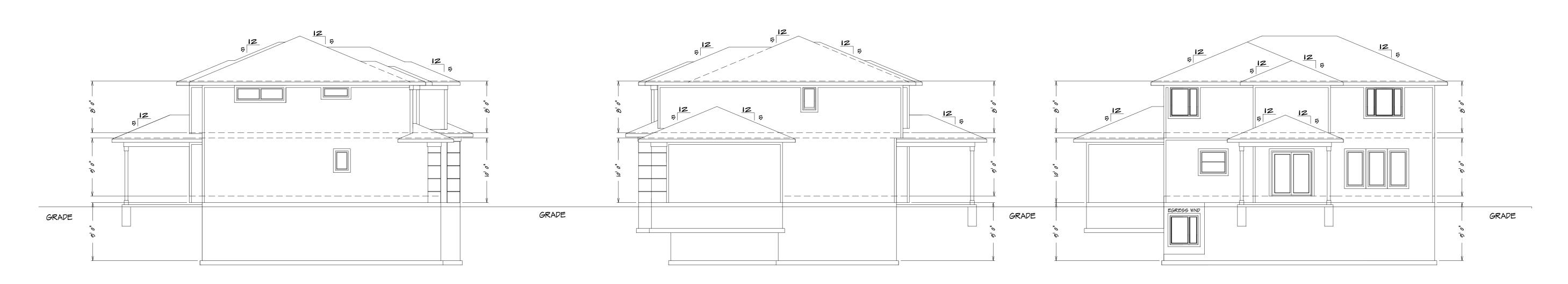
FRONT ELEVATION

1/4" = 1'0"

ACTUAL ELEVATIONS MAY VARY FROM ARCHITECTURAL DRAWINGS, DUE TO TERRAIN/BACKFILL PROCESS

MAY VARY DUE TO MATERIALS AVAILABILITY

FRONT ELEVATION IS ARCHITECTURAL DRAWING AND



RIGHT ELEVATION 1/8" = 1'0"

REAR ELEVATION 1/8" = 1'0"

> RELEASE FOR CONSTRUCTION
> AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 09/21/2020



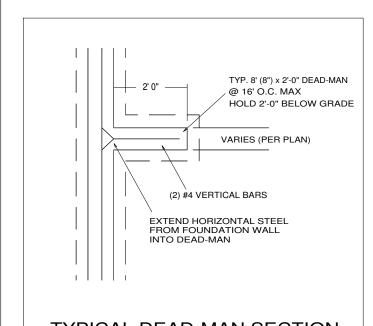
SQUARE FOOTAGE LIVING AREA FIRST FLOOR = 1105 SECOND FLOOR = 1465

> UNFINISHED AREA STORAGE BASEMENT = 205 GARAGE = 722

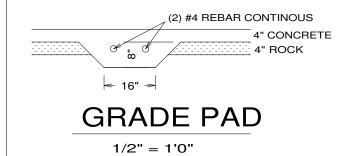
OPTIONAL BASEMENT = 675

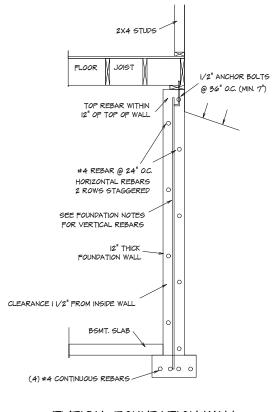
COVERED PATIO = 144

LEFT ELEVATION 1/8" = 1'0"

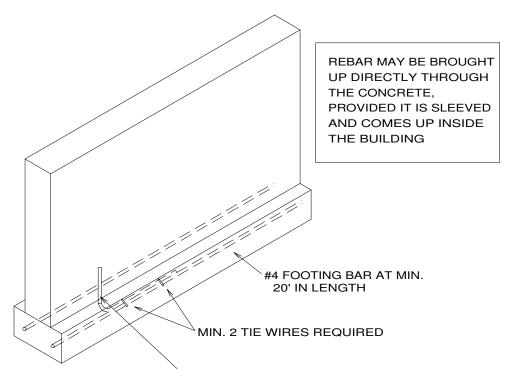








TYPICAL FOUNDATION WALL



#4 OR LARGER BARS

1. Section 250.52 of the National Electrical Code requires that the concrete encased reinforcing steel be included in the grounding electrode system... This means that you must have "an electrode encased by at least 50 mm (2 in.) of concrete, located horizontally near the bottom or vertically, and within that portion of a concrete foundation or footing that is in direct contact with the earth, consisting of at least 6.0 m (20 ft) of one or more bare or zinc galvanized or other electrically conductive coated steel 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

1-inch-by-3-inch strip nailed across the bottom of joists perpendicular to joists at intervals not exceeding 8 feet. (R502.7.1)

SEE ELEVATION FOR WALL HEIGHTS

NOTE... ELECTRICAL SERVICE TO BE 200 AMP.

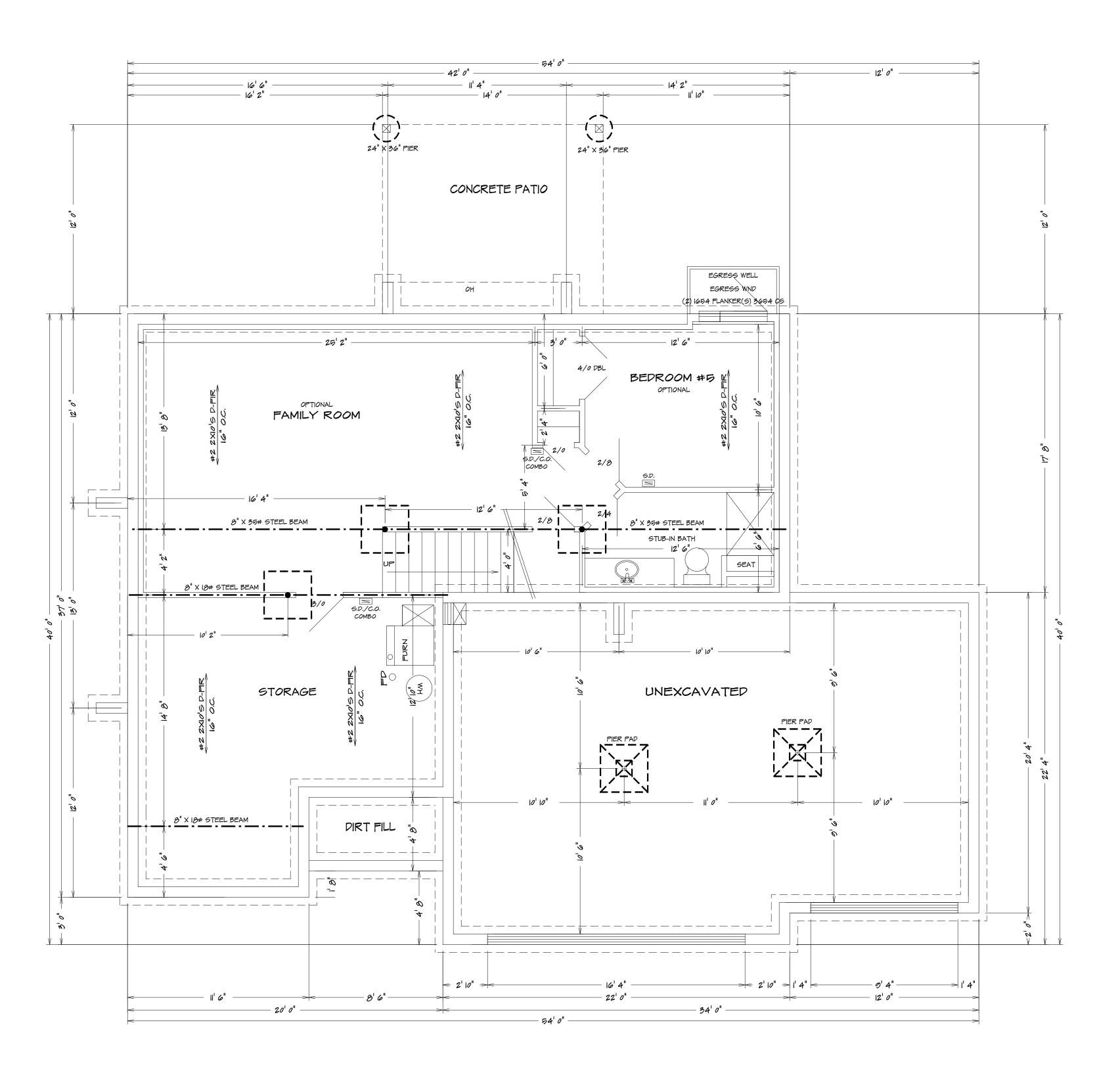
NOTE... DOUBLE JOIST UNDER
ALL PARALLEL WALLS
ABOVE UNLESS NOTED

S.D. = SMOKE DETECTOR

GUIKEV FO	O LING:				
BUILDING HEIGHT	MINIMUM FOOTING	HORIZONTAL REBAR	LOCATION OF REBAR		
OR 2 STY.	8"T × 16"W	2-#4	3" FROM BTM.		
3 STORY	8"T × 24"W	2-#4	3" FROM BTM.		
ACC. STR. 8"T x 12"W 2-#4 3" FROM BTM.					

FOOTING FOR 12" THICK WALL TO BE DESIGNED BY OTHERS

42" X 42" X I2" CONCRETE PADS WITH (6) #4 REBARS EACH WAY (UNLESS NOTED)



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ARE IN ACCORDANCE WITH THE 2018 IRC

BASEMENT PLAN

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

09/21/2020

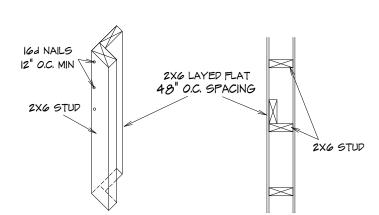


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EXTERIOR TALL WALL SECTION

10' TRU 18' TALL WALLS UNINTERRUPTED TO BE CONSTRUCTED WITH 2X6 STUDS 16" O.C. WITH STIFF BACK EVERY 48" O.C.

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 1/2" L.V.L.		
8'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 9 1/2" L.V.L.		
9'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 9 1/2" L.V.L.		
8'0" GARAGE DOORS W/SECOND FLOOR	(2) 9 1/2" L.V.L.		
9'0" GARAGE DOORS W/SECOND FLOOR	(2) 11 7/8" L.V.L.		
16'0" GARAGE DOOR W/NO SECOND FLOOR	(2) 11 7/8" L.V.L.		
16'0" GARAGE DOORS W/SECOND FLOOR	(2) 14" 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 (1820 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 finished 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.

Exception

- 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 2000. 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:

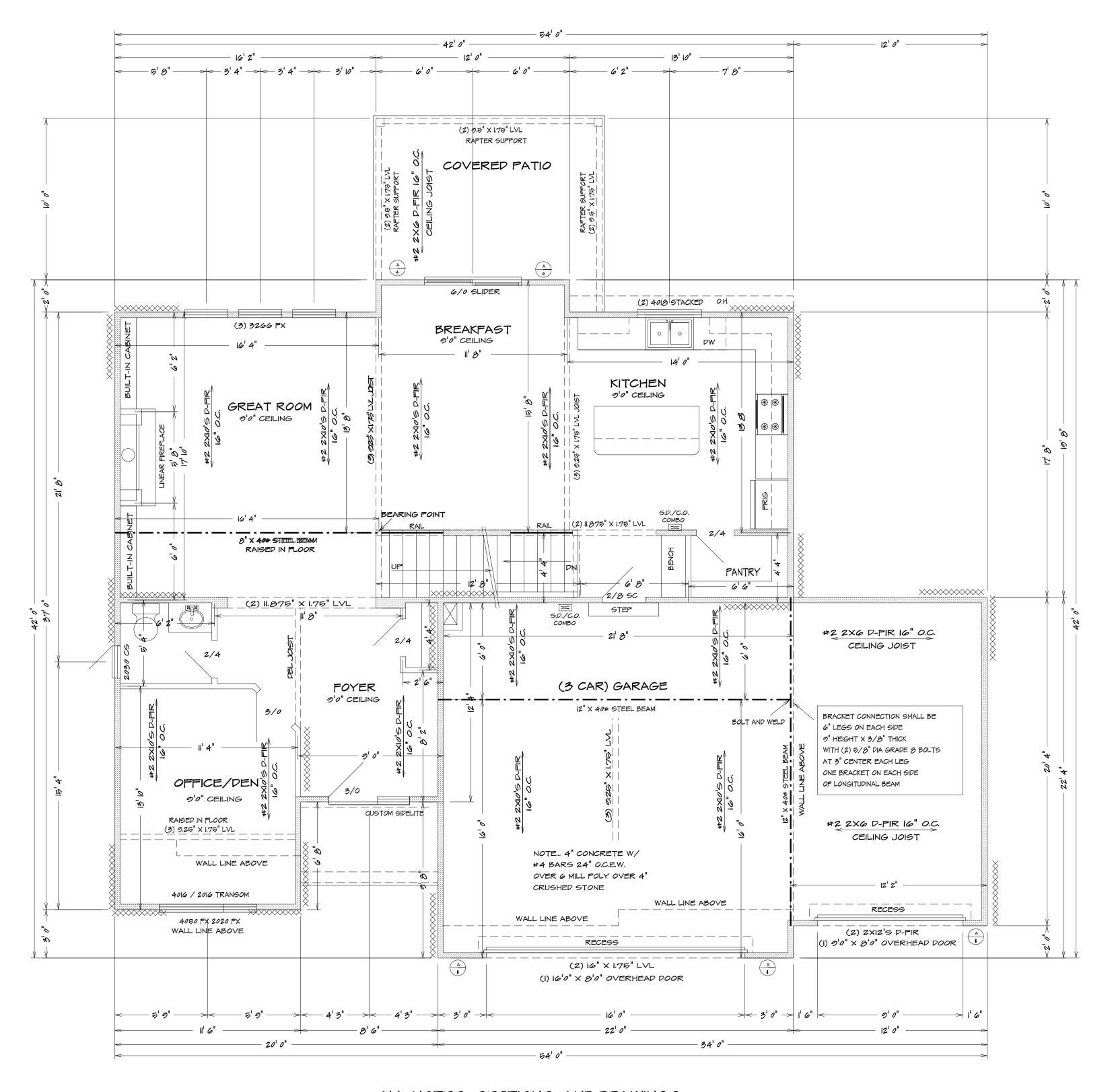
The glazed areas shall not be required where artificial light and a local exhaust system are provided.

The minimum local exhaust rates shall be determined in

accordance with Section MI507.

Exhaust air from the space shall be exhausted direct

Exhaust air from the space shall be exhausted directly to the outdoors.



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FIRST FLOOR PLAN

1/4" = 1'0"



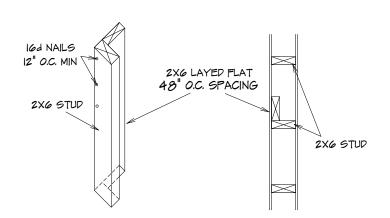


SEE ELEVATION FOR WALL HEIGHTS

NOTE... ELECTRICAL SERVICE TO BE 200 AMP.

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ALL PARALLEL WALLS
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Exception

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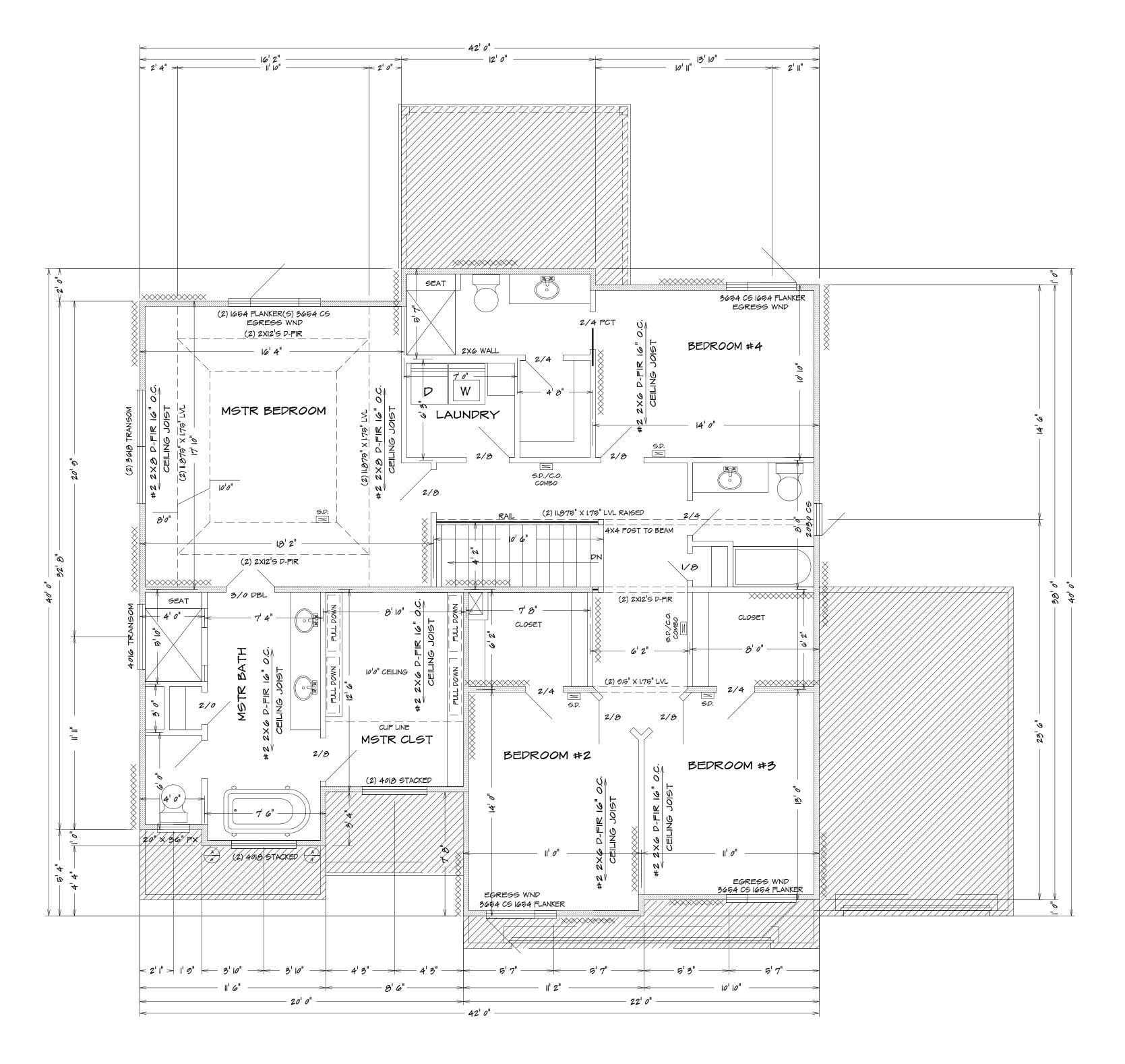
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The minimum local exhaust rates shall be determined in accordance with Section MI507.

Exhaust air from the space shall be exhausted directly to the outdoors.



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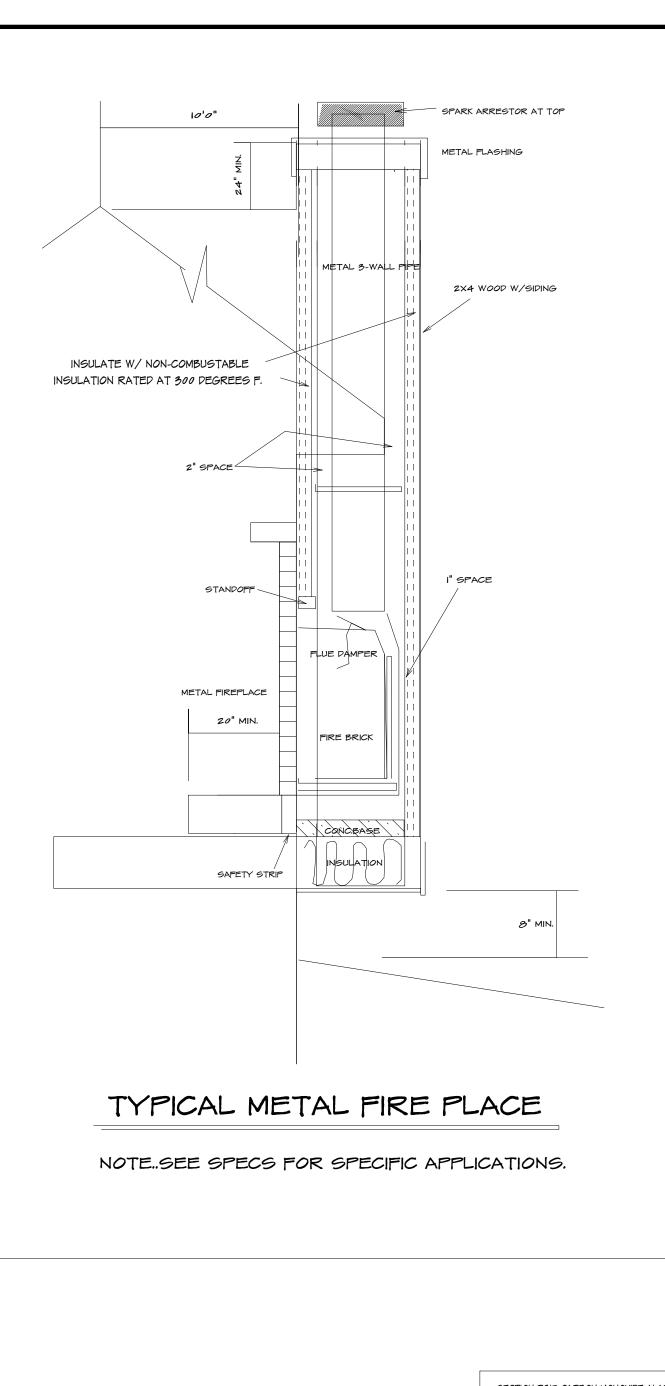
BEARING WALL

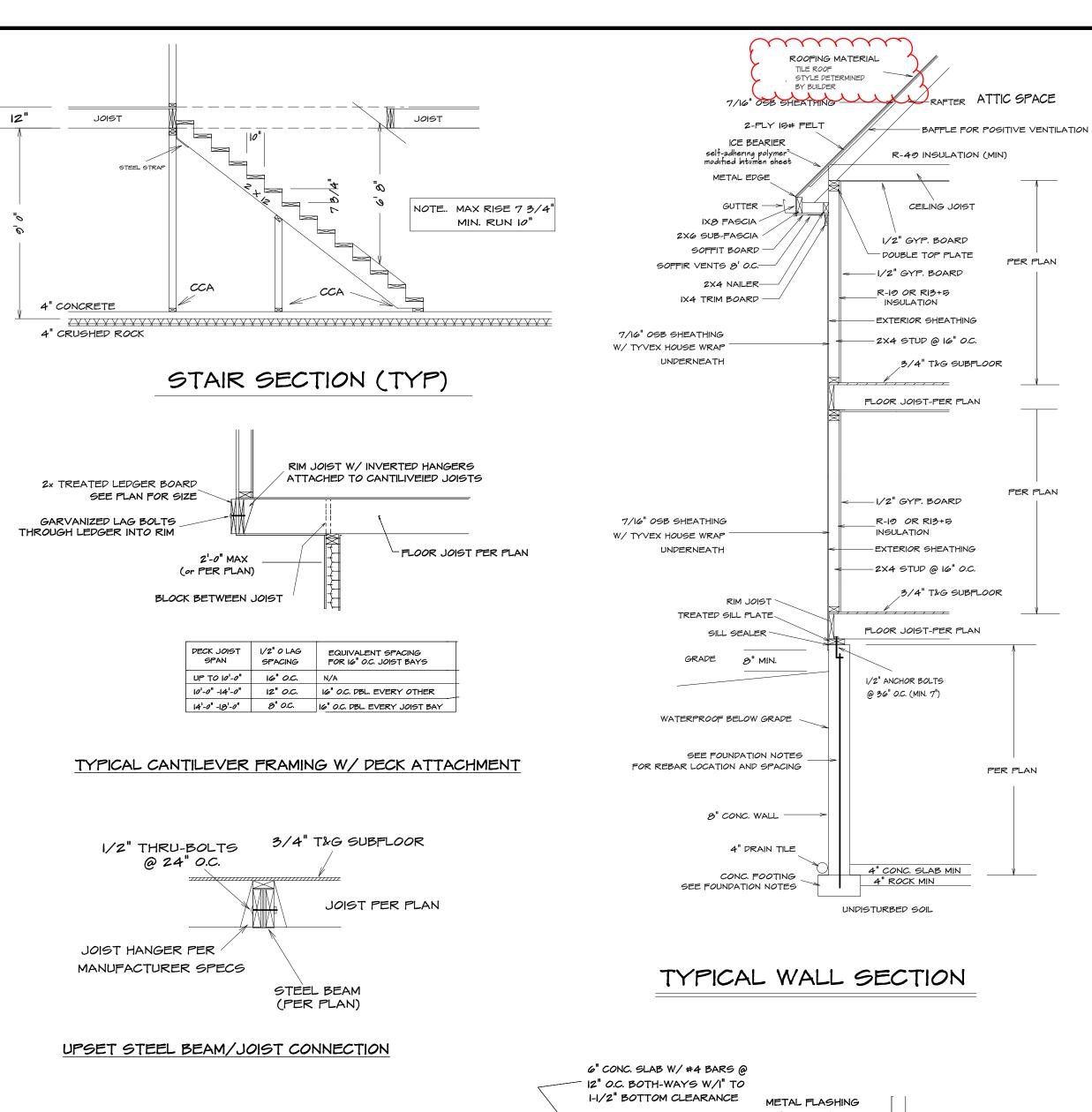
SECOND FLOOR PLAN

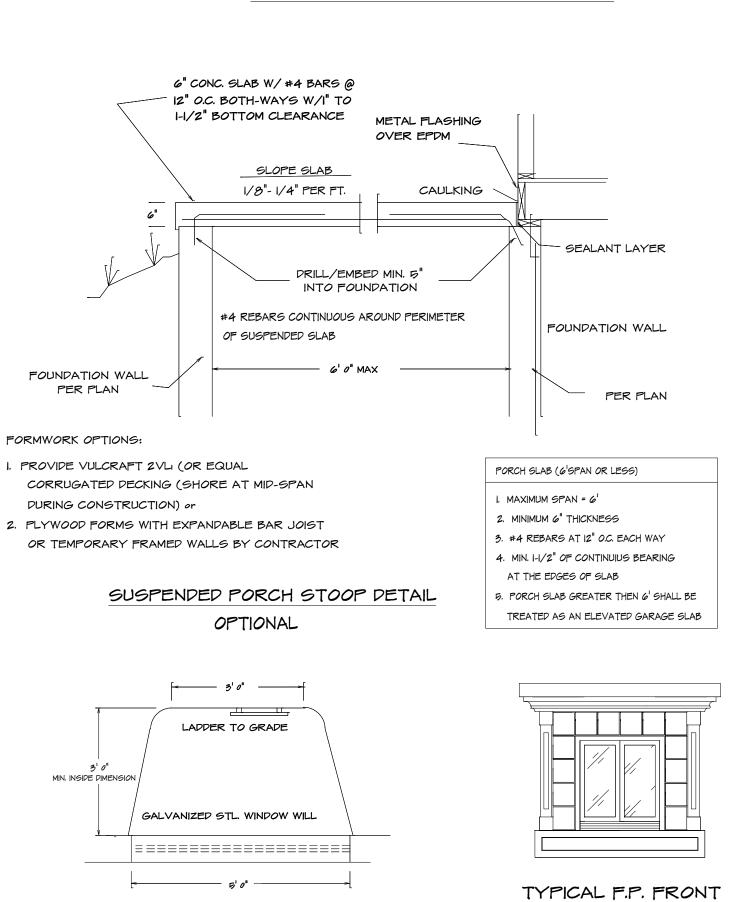
1/4" = 1'0"

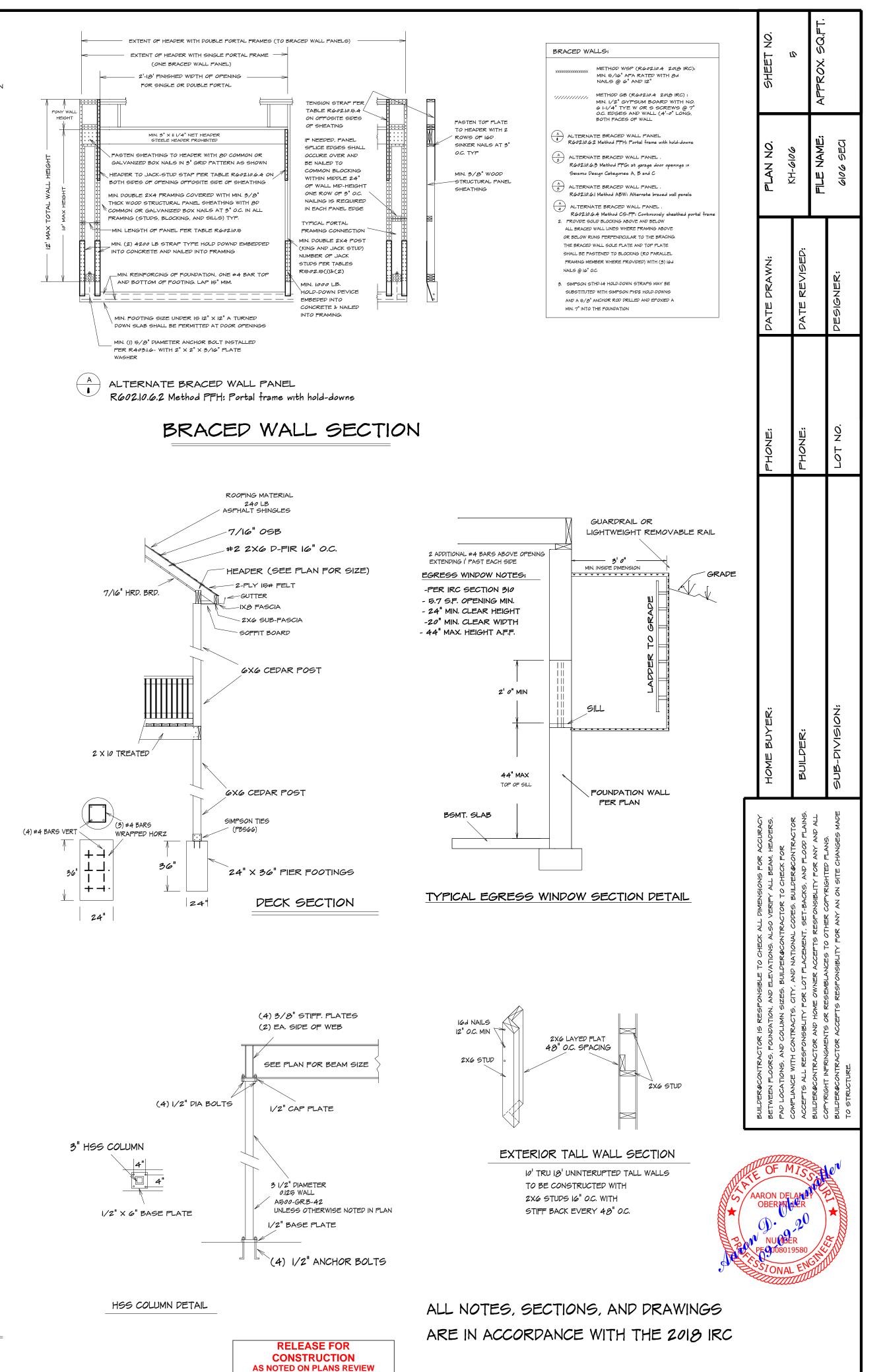












DEVELOPMENT SERVICES

09/21/2020

GARAGE

I. THE GARAGE FLOOR SHALL BE SLOPED TOWARD GARAGE DOORS
2. DOORS BETWEEN GARAGE AND DWELLING - MIN I 3/3" SOILD
CORE OR HONEY COMBED STEEL DOOR OR 20 MIN. RATED
3. GARAGE TO HAVE 5/8" TYPE X GYPSUM THROUGHTOUT

4. THE H-FRAM SHALL CONSIST OF 2X6 FRAMING

GLAZING

GLAZING

GLAZING IN HAZARPOUS LOCATIONS AS IDENTIFIED IN IRC SECTION R308.4 SHALL

BE APPROVED SAFTY GLAZING MATERIALS: GLASS IN STORM DOORS, INDIVIDUAL

FIXED OR OPENABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL

EDGE IS WITHIN A 24" ARCH OF THE DOOR IN CLOSED POSITION AND WHOSE BOTTEM

EDGE IS WITHIN 60" OF THE FLOOR: WALLS ENCLOSED STAIRWAYS AND LANDINGS

WHERE THE GLAZING IS WITHIN 60" OF THE TOP OR BOTTEM OF THE STAIR: ENCLOSURES

FOR SPAS, TUBS, SHOWERS, AND WHIRLPOOLS: GLAZING IN FIXED OR OPENABLE PANELS

EXCEEDING 9 SQ. FT. AND WHOSE BOTTEM EDGE IS LESS THAN 18" ABOVE THE FLOOR OR

WALKING SURFACE WITH IN 36"

EMERGENCY EGRESS

I. PROVIDE ONE WINDOW FROM EACH BEDROOM THAT HAS A MIN. OPENABLE AREA OF 5.7 SR. FT. WITH A MIN. OPENABLE HEIGHT OF 24" AND WIDTH OD 21"

ELECTRICAL OUTLETS

I. ALL OUTLETS TO BE ARC FAULT CIRCUIT-INTERRUPTER
OR GROUND FAULT CIRCUIT-INTERRUPTER PROTECTED

EXCEPT.. REFRIGERATOR, SINGLE OUTLET FOR SUMP PUMP
AND SINGLE OUTLET IN GARAGE FOR A FREEZER

2. ALL OUTLETS TO BE TAMPER RESISTANT

SECTION R315 CARBON MONOXIDE ALARMS

R315.1 Carbon monoxide alarms.
For new construction, an approved carbon monoxide
alarm shall be installed outside of each separate sleeping
area in the immediate vicinity of the bedrooms in dwelling
units within which fuel-fired appliances are installed and in
dwelling units that have attached garages.

R315.2 Carbon monoxide detection systems.

Carbon monoxide detection systems that include carbon monoxide detectors and audible notification appliances, i nstalled and maintained in accordance with this section for carbon monoxide alarms and NFPA 720, shall be permitted. The carbon monoxide detectors shall be listed as complying with UL 2075. Where a household carbon monoxide detection system is installed, it shall become a permanent fixture of the occupancy, owned by the homeowner and shall be monitored by an approved

FRAMING NOTE

supervising station.

I. ALL LUMBER SIZES ARE FOR #2 D-FIR-LARCH

- 2. ALL HEADERS TO BE MIN. (2) #2-2XI03. BLOCK CANTILEVERS, DOOR JAMBS, AND OVER BEAMS
- 4. ALL HEADRS TO BEAR ON MIN. OF (2) 2X4 STUDS
 5. JOIST UNDER BEARING PARTITIONS SHALL BE DOUBLED
- WATER-RESISTIVE BARRIER SHALL BE PROVIDED
 OVER ALL EXTERIOR WALL PER IRC SEC. R703

AND COMPLY WITH IRC SEC. R502.4

- 7. WHERE CEILING JOIST ARE NOT INSTALLED CONNECTED
 TO THE RAFTERS AT THE TOP PLATE AND/OR WHERE
 CEILING JOIST ARE NOT INSTALLED IN THE LOWER I/3 OF ATTIC SPACE
 RAFTER TIES SHALL BE INSTALLED IN THE LOWER I/3 OF ATTIC SPACE
- 6. COLLAR TIES SHALL BE PROVIDED IN THE ATTIC SPACE IN THE UPPER I/3 OF ATTIC
 9. ROOF IS DESIGNED FOR 20 P.S.F. ROOF SNOW LOAD (MIN.)
- IO. MIN 20 YR. ASPHALT SHINGLES

 II. RAFTER TIES SHALL NOT BE REQUIED WHEN A STRUCTURAL
 RIPGE HAS BEEN PROVIDED AND APEQUATELY PESIGNED

 (AS IN A FULLY VAULTED ROOM) SUCH SHALL BE NOTED AS

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

R312.2 Guard opening limitations.

Required guards on open sides of stairways, raised floor areas, balconies, and porches shall have intermediate rails or ornamental closures that do not allow passage of a sphere 4" or more in diameter.

R302.5.1 Opening protection.

Openings from a private garage directly into a room used for sleeping purposes

shall not be permitted.

Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches in thickness, solid or honeycomb-core steel doors not less than 13/8 inches thick, or 20-minute fire-rated

doors, equipped with a self-closing device.

SMOKE ALARMS:

2018 IRC.

PROVIDE SMOKE ALARMS IN EACH
SLEEPING ROOM, OUTSIDE OF EACH
SLEEPING ROOM AND ON EACH
FLOOR, INCLUDING BASEMENT.
ALARMS SHALL BE INTERCONNECTED
IN SUCH A MANNER THAT THE
ACTIVATION OF ONE ALARM WILL
ACTIVATE ALL OF THE ALARMS IN THE
DWELLING. (SECTION R314.5)

INSULATION NOTES:

MIN. INSULATION SHALL BE PROVIDED

ADJACENT TO HABITABLE AREAS AS

FOLLOWS:

EXTERIOR FRAMED WALLS (RID OR RIB+B)

FLOOR OVER HEATED SPACE RID

FLOOR OVER OUTSIDE AIR RID

ATTIC - BLOWN IN R40

CATHEDRAL CEILING

TYPICAL EGRESS WINDOW PLAN SECTION

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 I	oar
One bar 12" from top of wall; maximum spacing 24" o.c.	4-#4	5-#4	6-#4	4-#4	5-#4	6-#4

- 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.
- 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
- 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).

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

5 55 (88)	DESCRIPTION OF	DESCRIPTION OF	SPACING OF FASTENERS		
ITEM	BUILDING MATERIALS	FASTENER ^{b, c, e}	Edges (inches) ⁱ	Intermediate supports ^{c, e} (inches)	
Wo	ood structural panels, su	ıbfloor, roof and interior wa 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	12 ⁹	
33	19/32" - 1"	8d common nail (2 ¹ / ₂ " × 0.131")	6	12 ⁹	
34	11/8" - 11/4"	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	$1^3/4$ " galvanized roofing nail, $^7/_{16}$ " crown or 1" crown 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 str	uctural panels, combination	subfloor unde	rlayment 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 /s" - 1"	8d common (2 ¹ / ₂ " × 0.131") nail or 8d deformed (2 ¹ / ₂ " × 0.120") nail	6	12	
41	11/8" - 11/4"	10d common (3" × 0.148") nail or 8d deformed (2 ¹ / ₂ " × 0.120") nail	6	12	

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.

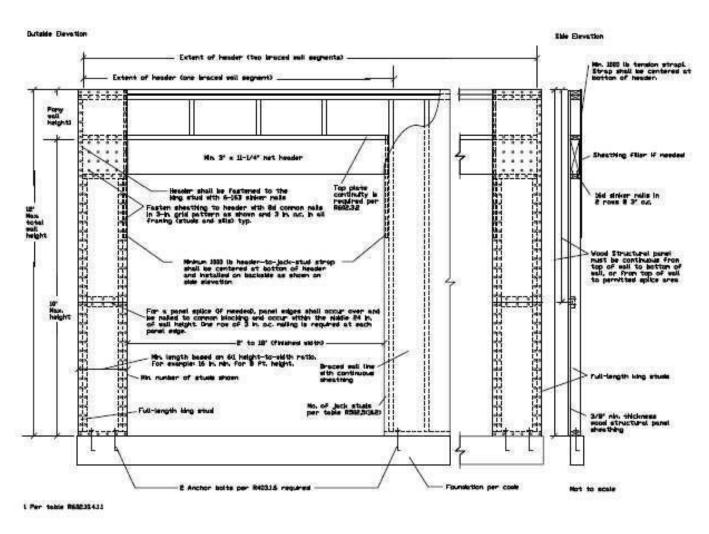
REQUIRED FO	OTING:		
BUILDING HEIGHT	MINIMUM FOOTING	HORIZONTAL REBAR	LOCATION OF REBAR
1 OR 2 STY.	8"T × 16"W	2-#4	3" FROM BTM.
3 STORY	8"T × 24"W	2-#4	3" FROM BTM.
ACC. STR.	8"T × 12"W	2-#4	3" FR <i>O</i> M BTM.

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

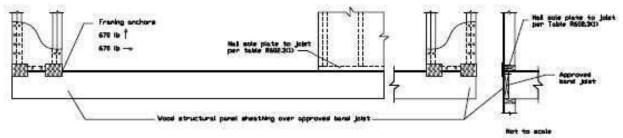
ITEM	DESCRIPTION OF BUILDING ELEMENTS	FASTENER ^{a, b, c}	SPACING OF FASTENERS
	New York Street See Month	Roof	
1	Blocking between joists or rafters to top plate, toe nail	3-8d (2 ¹ / ₂ " × 0.113")	87
2	Ceiling joists to plate, toe nail	3-8d (2 ¹ / ₂ " × 0.113")	8 -
	Ceiling joists not attached to parallel rafter, laps over partitions, face nail	3-10d	s -
	Collar tie to rafter, face nail or 1 ¹ / ₄ " × 20 gage ridge strap	3-10d (3" × 0.128")	1977
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") Wall	×-
7	Built-up studs-face nail	10d (3" × 0.128")	24" o.c.
8	Abutting studs at intersecting wall corners, face nail	16d (3 ¹ / ₂ " ×	12" o.c.
9	Built-up header, two pieces with 1/2" spacer	0.135") 16d (3 ¹ / ₂ " × 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	4-8d (2 ¹ / ₂ " × 0.113")	i-
12	Double studs, face nail	10d (3" × 0.128")	24" o.c.
13	Double top plates, face nail	10d (3" × 0.128")	24" o.c.
	Double top plates, minimum 24-inch offset of end joints, face nail in lapped area	8-16d (3 ¹ / ₂ " × 0.135")	89-
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")	15-15-
18	Top or sole plate to stud, end nail	2-16d (3 ¹ / ₂ " × 0,135")	×-
19	Top plates, laps at corners and intersections, face nail	2-10d (3" × 0.128")	8-
20	1" brace to each stud and plate, face nail	2-8d (2 ¹ / ₂ " × 0.113") 2 staples 1 ³ / ₄ " ×	W_P85
	1" × 6" sheathing to each bearing, face nail	2-8d (2 ¹ / ₂ " × 0.113") 2 staples 1 ³ / ₄ "	19—13 4
22	1" × 8" sheathing to each bearing, face nail	2-8d (2 ¹ / ₂ " × 0.113") 3 staples 1 ³ / ₄	12-1-25
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")	₹ -
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.
	1" × 6" subfloor or less to each joist, face nail	2-8d (2 ¹ / ₂ " × 0.113") 2 staples 1 ³ / ₄ "	12—12
28	2" subfloor to joist or girder, blind and face nail	2-16d (3 ¹ / ₂ " × 0.135")	15 <u>-</u>
29	2" planks (plank & beam - floor & roof)	2-16d (3 ¹ / ₂ " × 0.135")	at each bearing
	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 29 1928

OVER CONCRETE OR HASONRY BLOCK FOUNDATION



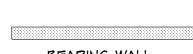
OVER RAISED VOOD FLOORS OR SECOND FLOOR - FRAMING ANCHOR OPTION



OVER RAISED WOOD FLOORS OR SECOND FLOOR - WOOD STRUCTURAL PANEL OVERLAP OPTION Hal sole plate to joint per table \$602,3() Hrs overlap 9-1/4"

CF-PF WALL BRACING SECTION

— Vocal structural panel sheathing over approved band joist —



TILE ROOF LOADS:

ROOF LIVE LOAD = 20 PSF ROOF DEAD LOAD = 30 PSF

ROOF ELEVATION

1/8" = 10"

2XIO #2 D-FIR FOR UNBRACED LENGTH UP TO 9'0"

2XI2 #2 D-FIR FOR UNBRACED LENGTH UP TO 11'0"

 1.75° X 11.25° FOR UNBRACED LENGTH UP TO 17°

1.75" X 9.25" LVL FOR UNBRACED LENGTH UP TO 14'0"

NOTE... HIP RIDGE FOR THE MAIN ROOF AS:

ALL RAFTERS TO BE #2 2X6 D-FIR 16" O.C. UNLESS OTHER WISE NOTED MAXIMUM UNSUPPORTED HORIZONTAL SPAN FOR $\#2\ 2\times6\ P$ -FIR $|6^{"}\ O.C.\ TO\ BE\ ||^0"$ PURLINGS TO BE EQUAL TO RAFTER OR GREATER PURLING TO BE SUPPORTED TO BEARING WALL LINES WITH SUPPORTS SPACED 4'0" O.C. MAX FOR 2X6 PURLING 6'0" O.C. MAX FOR 2X8 PURLING 8'0" O.C. MAX FOR 2XIO PURLING

CONNECT RAFTERS TO CEILING JOIST W (4) 16d GALV. NAILS CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE WITH (4) 16d GALV. NAILS





RELEASE FOR CONSTRUCTION

09/21/2020

IOME BUYER: PHONE: P	DATE PRAWN; PATE REVISED:	3,		APP
PHONE: PHONE: LOT NO.	HOME BUYER: BUILDER: BUILDER: BUILDER: COT NO.	PLAN NO.	KH-6106	FILE NAME: 6106 SEC2
	HOME BUYER: BUILDER: SUB-DIVISION:	DATE DRAWN:	DATE REVISED:	PESIGNER:
IOME BUYER: SUILPER: JB-DIVISION;		PHONE	PHONE:	LOT NO.
			SUILPER:	JB-DIVISION;

