

1606 SW BLACKSTONE PLACE  
LEES SUMMIT MO  
LOT 128 NAPA VALLEY

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.

FRONT ELEVATION

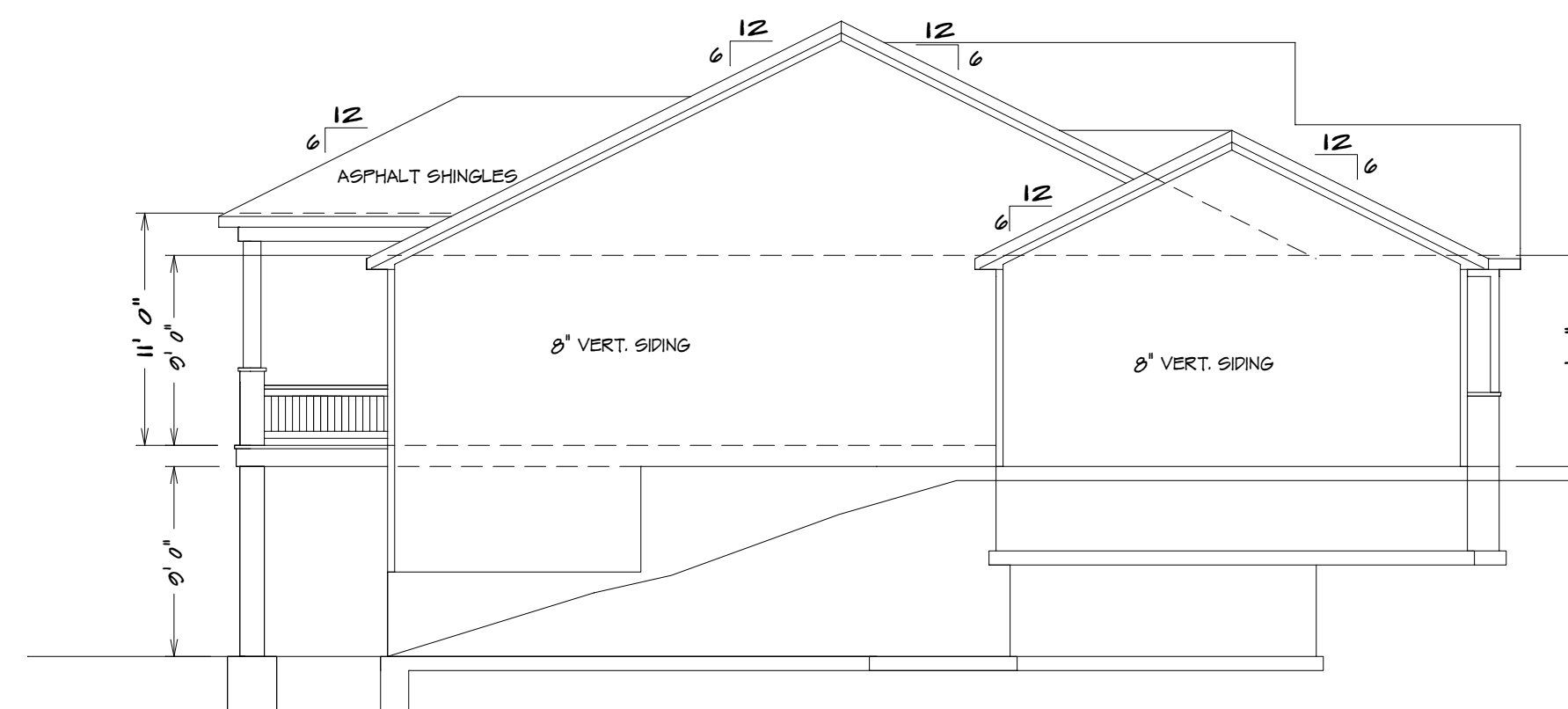
$$1/4'' = 1'0''$$

**NOTE:**

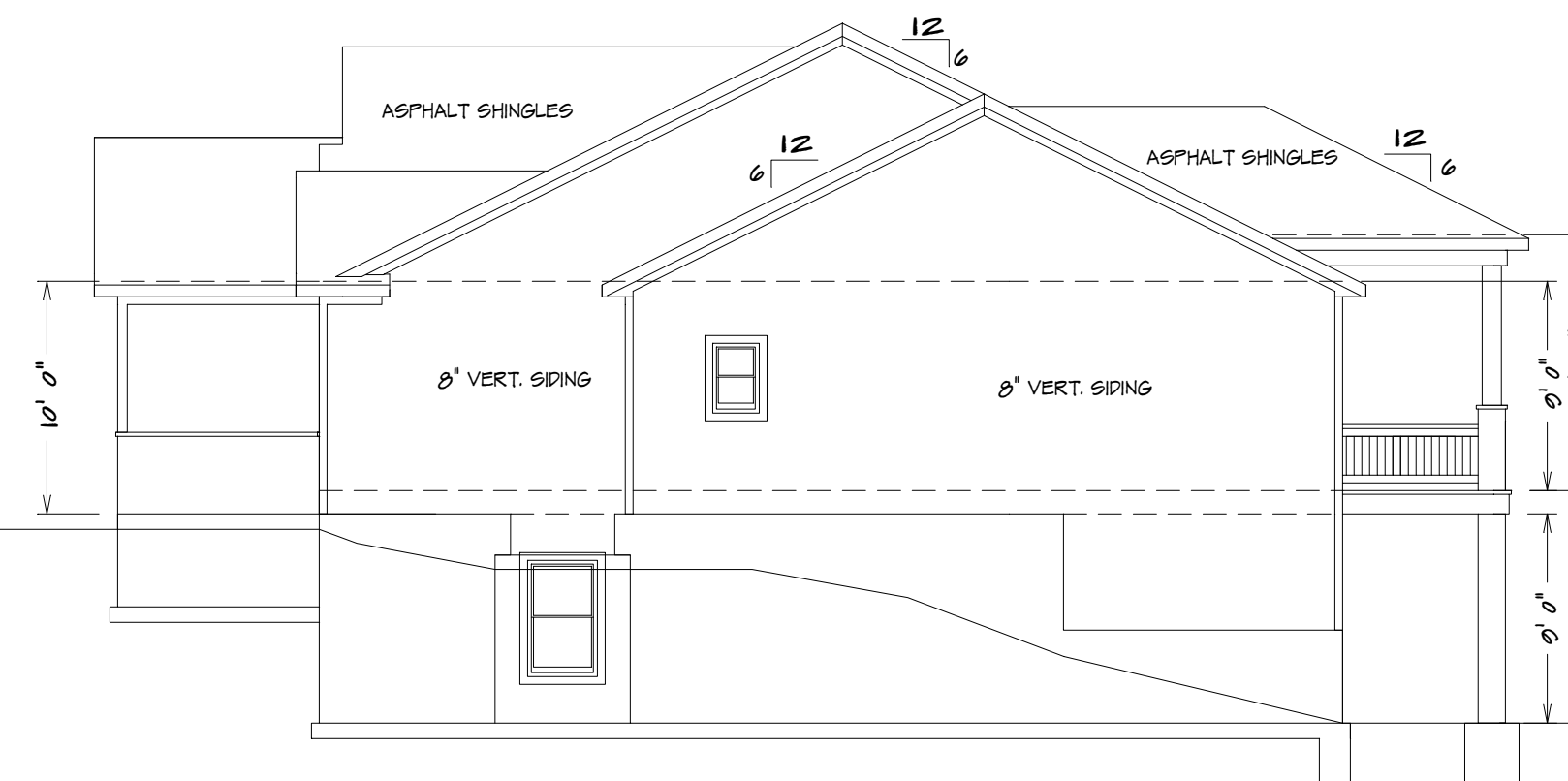
ACTUAL ELEVATIONS MAY VARY FROM ARCHITECTURAL  
DRAWINGS, DUE TO TERRAIN/BACKFILL PROCESS  
FRONT ELEVATION IS ARCHITECTURAL DRAWING AND  
MAY VARY DUE TO MATERIALS AVAILABILITY

# THE "CYPRESS"

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



LEFT ELEVATION

$$1/8'' = 1'0''$$


## RIGHT ELEVATION

$$1/8'' = 1'0''$$


REAR ELEVATION

$$1/8'' = 1'0''$$

**RELEASE FOR CONSTRUCTION**  
**AS NOTED ON PLANS REVIEW**  
**CODES ADMINISTRATION**  
**LEE'S SUMMIT, MISSOURI**

**04/17/2020**

SQUARE FOOTAGE

LIVING AREA  
FIRST FLOOR = 1625  
BASEMENT = 1215  
COVERED DECK = 186

UNFINISHED AREA  
STORAGE BASEMENT = 257  
GARAGE = 725  
UNDER STOOP = 32

KH-6105 (THE CYPRESS) LOT 128



BUILDER/CONTRACTOR IS RESPONSIBLE TO CHECK ALL FOUNDATION, ROOF, INTERIORS, EXTERIORS, ELEVATIONS, ALSO VERIFY ALL BEAM, JOISTS, BRACKETS, AND COLUMN SIZES. BUILDER/CONTRACTOR TO CHECK FOR COMPLIANCE WITH CONTRACTS, CITY, AND NATIONAL CODES. BUILDER/CONTRACTOR ACCEPTS ALL RESPONSIBILITY FOR LOT PLACEMENT, SET-BACKS, AND FLOOD PLANS. BUILDER/CONTRACTOR AND HOME OWNER ACCEPTS RESPONSIBILITY FOR ANY AND ALL COPYRIGHT INFRINGEMENTS OR RESSEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

HOME BUYER:

BUILDER:

SUB-DIVISION:

PHONE:

PHONE:

LOT NO.

DATE DRAWN:

DATE REVISED:

DESIGNER:

PLAN NO.

FILE NAME	SAMPLE IN

6105 ELEV

SHEET NO.

3-1



1606 SW BLACKSTONE PLACE  
LEES SUMMIT MO  
LOT 128 NAPA VALLEY

BUILDER/CONTRACTOR IS RESPONSIBLE TO  
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ALSO VERIFY ALL BEAM, HEADERS, PAD LOCATIONS,  
AND COLUMN SIZES.

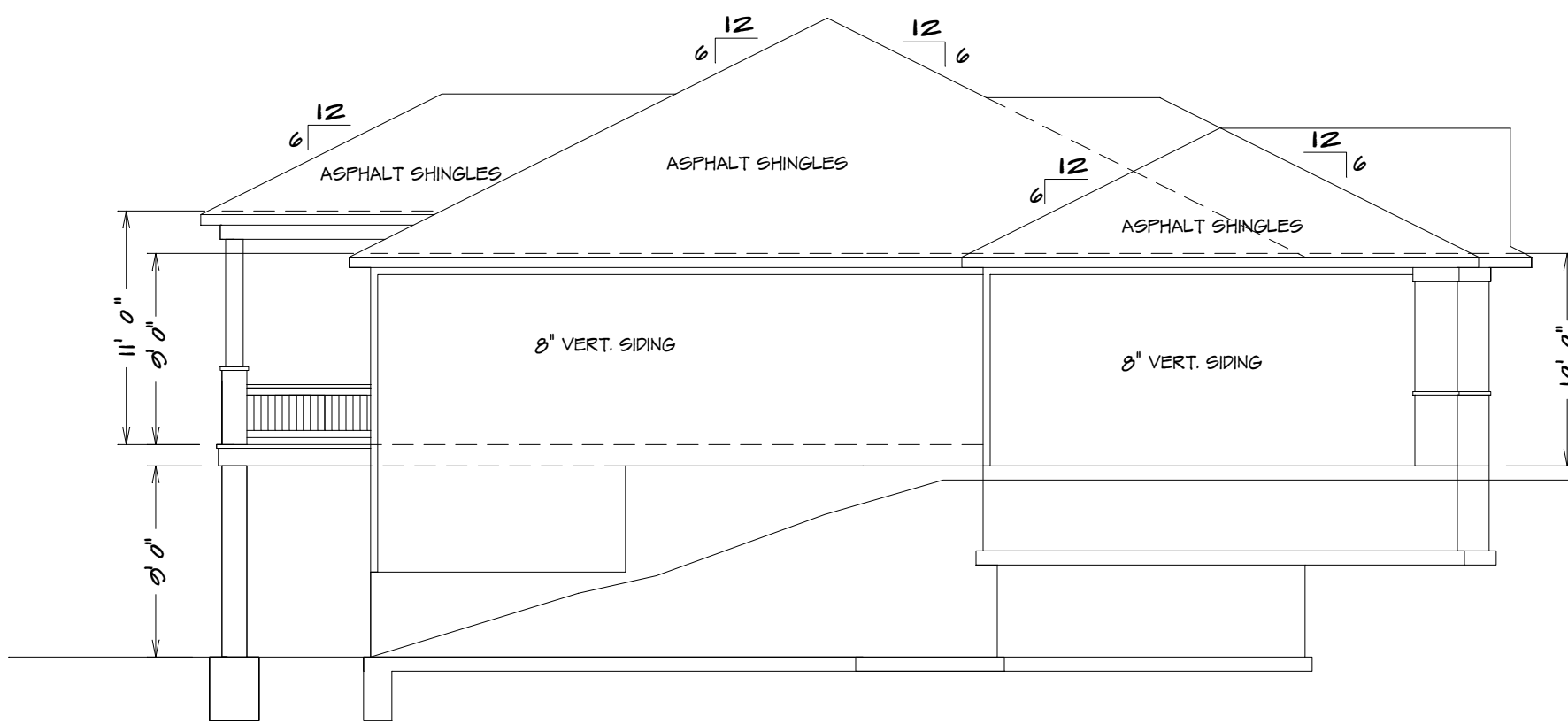
### FRONT ELEVATION

1/4" = 1'0"

NOTE:  
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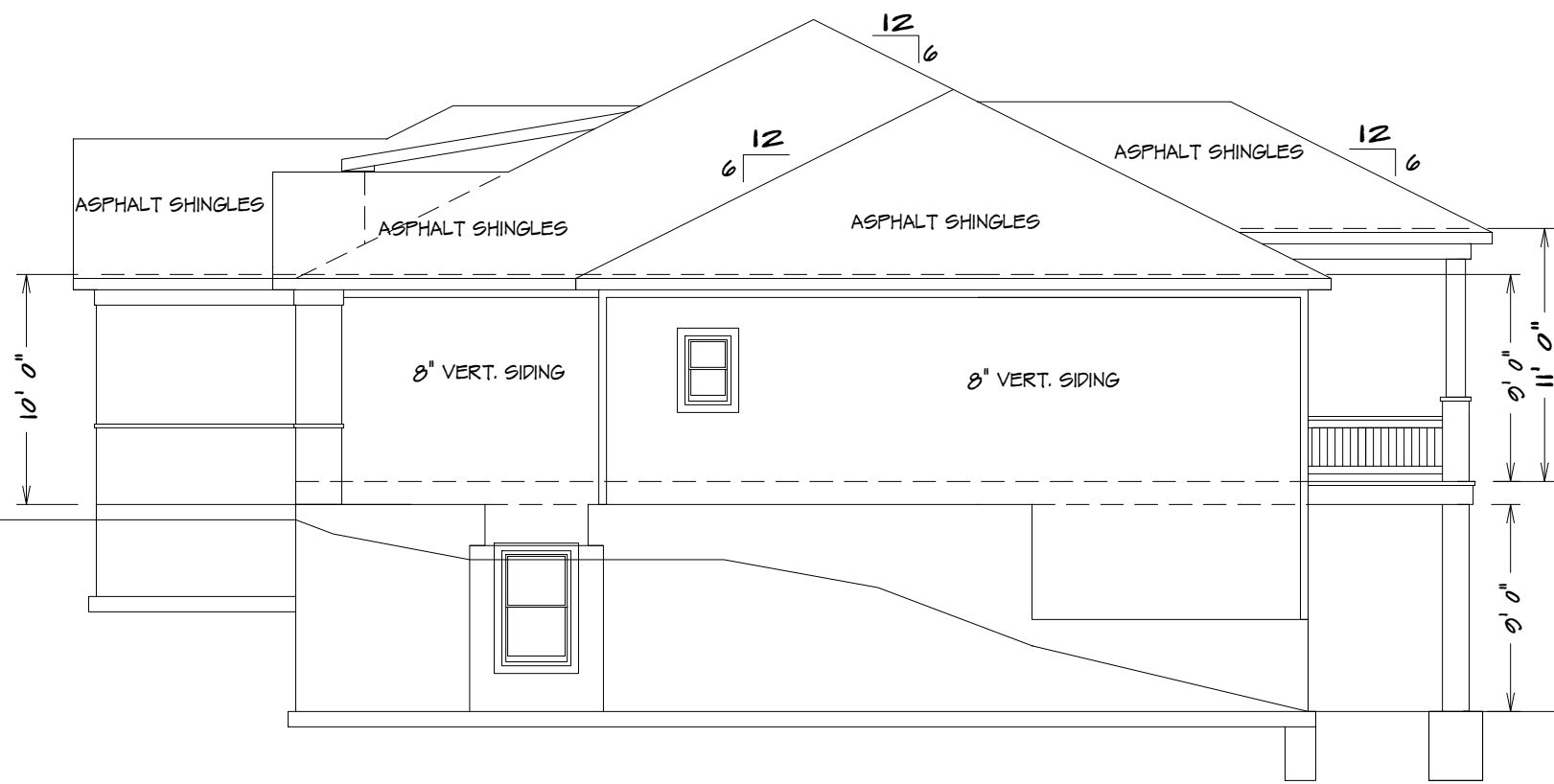
## THE "CYPRESS"

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### LEFT ELEVATION

1/8" = 1'0"



### RIGHT ELEVATION

1/8" = 1'0"



### REAR ELEVATION

1/8" = 1'0"

KH-6105 (THE CYPRESS) LOT 128



HOME BUYER:	PHONE:	DATE DRAWN:	PLAN NO.	SHEET NO.
BUILDER:	PHONE:	DATE REVISED:	KH-6105	1-B
SUB-DIVISION:	LOT NO.	DESIGNER:	FILE NAME:	APPROX. SQ.FT.
			6105 ELEV	6105

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ACCEPTS ALL RESPONSIBILITY FOR LOT PLACEMENT, SETBACKS, AND PLANS.  
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COPYRIGHT INFRINGEMENTS OR RESUBMISSIONS TO OTHER COPYRIGHTED PLANS.  
BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE  
TO STRUCTURE.

#### SQUARE FOOTAGE

LIVING AREA  
FIRST FLOOR = 1625  
BASEMENT = 1215  
COVERED DECK = 106

UNFINISHED AREA  
STORAGE BASEMENT = 287  
GARAGE = 725  
UNDER STOOP = 52







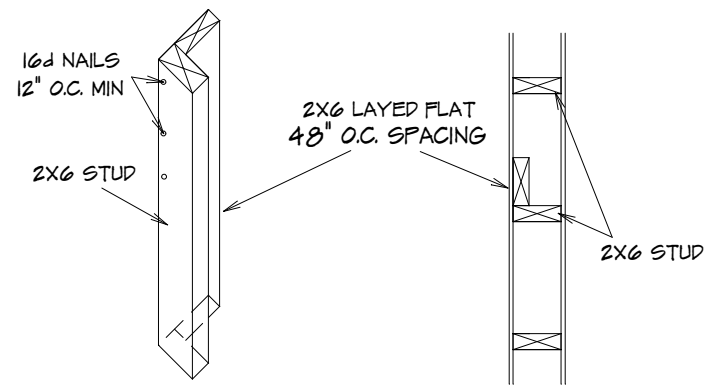


SEE ELEVATION FOR  
WALL HEIGHTS

NOTE... ELECTRICAL SERVICE  
TO BE 200 AMP.

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

S.D.  
= SMOKE DETECTOR



EXTERIOR TALL WALL SECTION

10' TRU 18' UNINTERRUPTED TALL WALLS  
TO BE CONSTRUCTED WITH  
2X6 STUDS 16\"/>

#### GENERAL HEADER SPECIFICATIONS:

REQUIRED AREAS NEEDING HEADERS:	HEADER DESCRIPTIONS:
WINDOWS/DOORS UP TO 36" R.O.	(2) #2 D-FIR 2X10'S
WINDOWS/DOORS 36" UP TO 72" R.O.	(2) #2 D-FIR 2X10'S W/1/2" GLUE FLY
WINDOWS/DOORS 72" UP TO 96" R.O.	(2) 2 1/2" LVL
8'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 2 1/2" LVL
9'0" GARAGE DOORS W/CEILING & ROOF LOAD	(2) 2 1/2" LVL
8'0" GARAGE DOORS W/SECOND FLOOR	(2) 2 1/2" LVL
9'0" GARAGE DOORS W/SECOND FLOOR	(2) 11 7/8" LVL
16'0" GARAGE DOOR W/NO SECOND FLOOR	(2) 11 7/8" LVL
16'0" GARAGE DOORS W/SECOND FLOOR	(2) 14" LVL
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 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.

Exceptions:

- 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.
- Openings that are provided with window fall prevention devices that comply with ASTM F 2090.
- 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 R310.11.

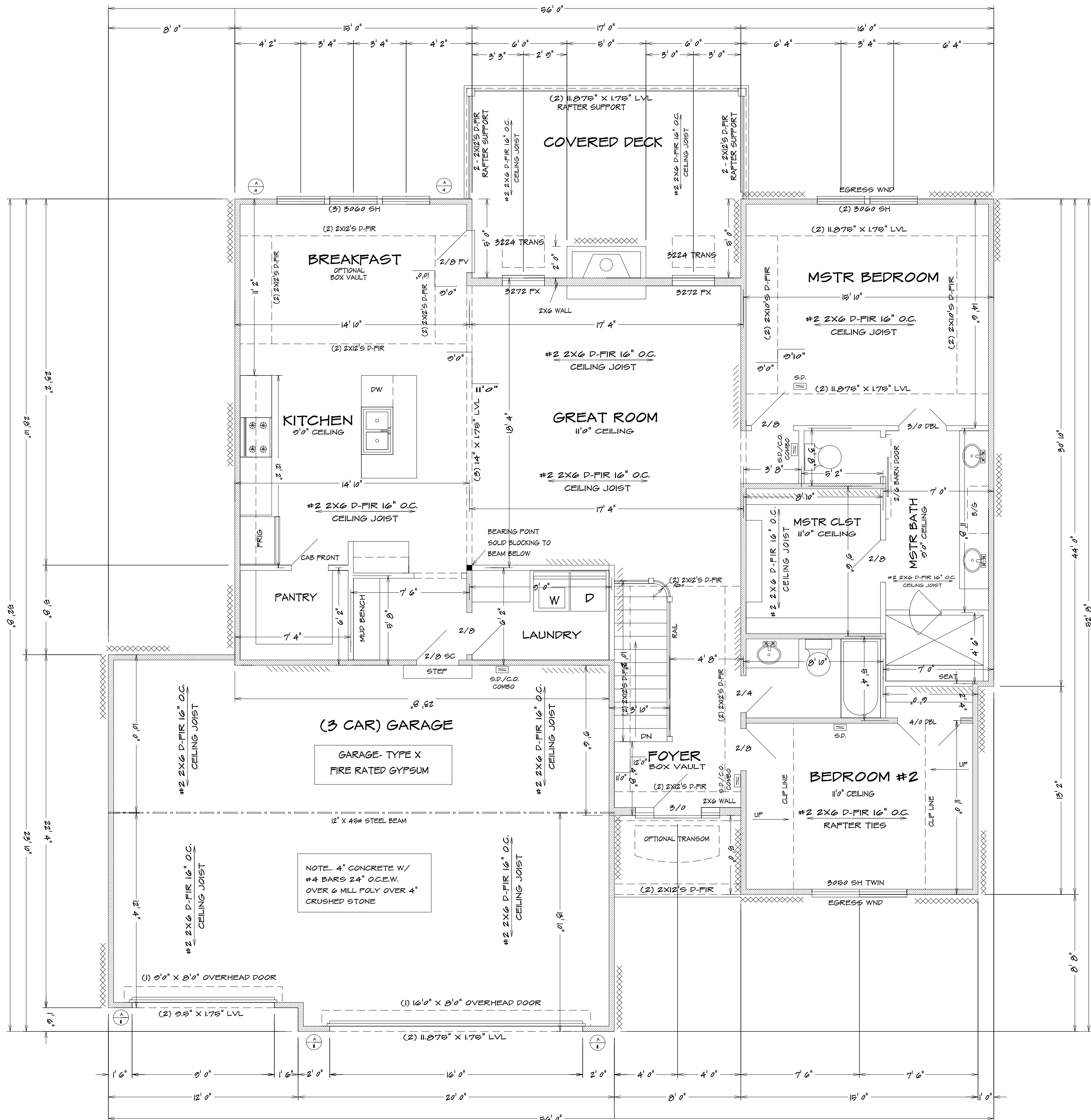
Bathrooms, water closet compartments and other similar rooms shall be provided with aggregate glazing area in windows of not less than 3 square feet, one-half of which must be operable.

#### 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 M1507.

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



FIRST FLOOR PLAN  
1/4" = 1'0"

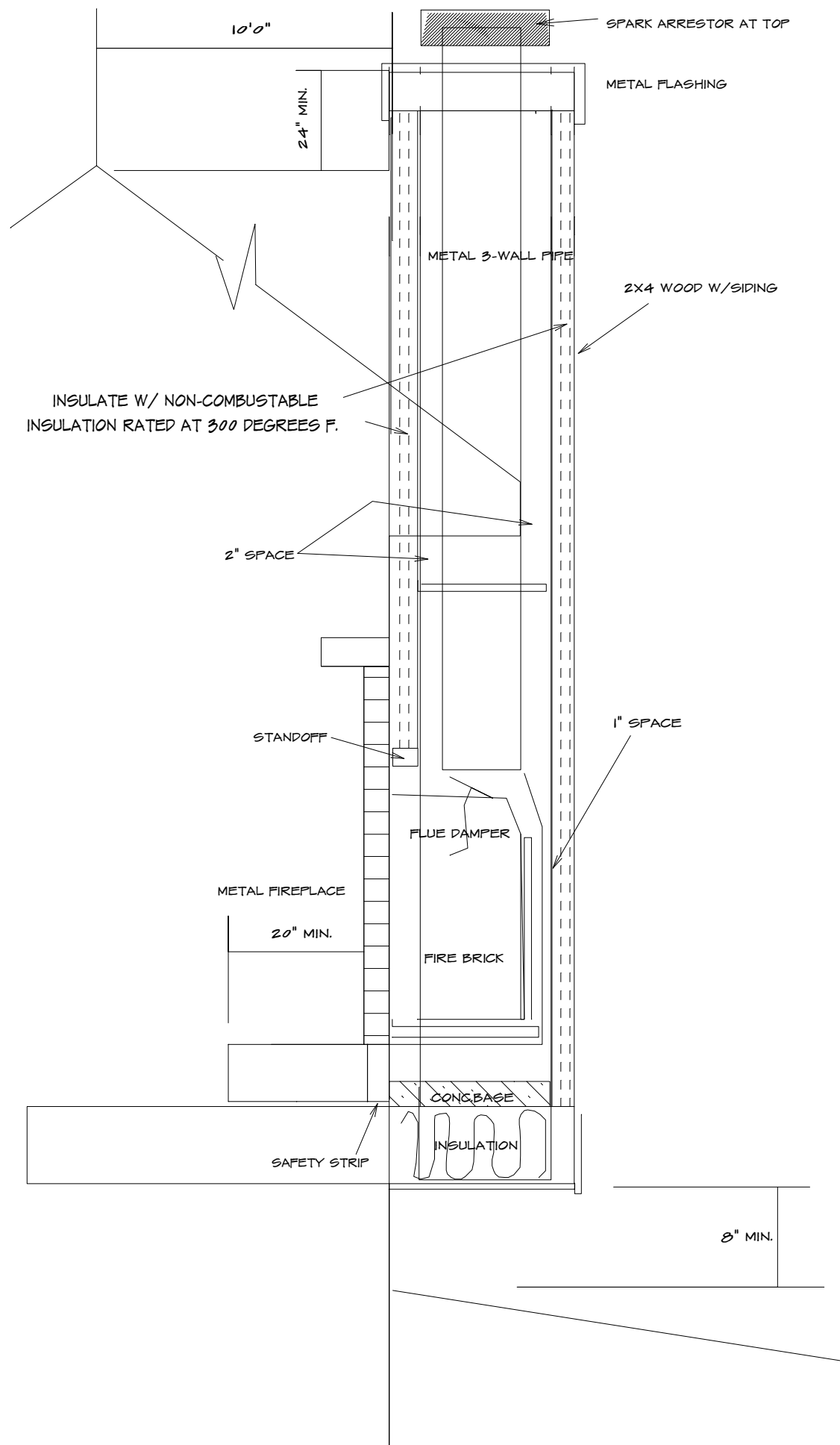
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KH-6105 (THE CYPRESS) LOT 128

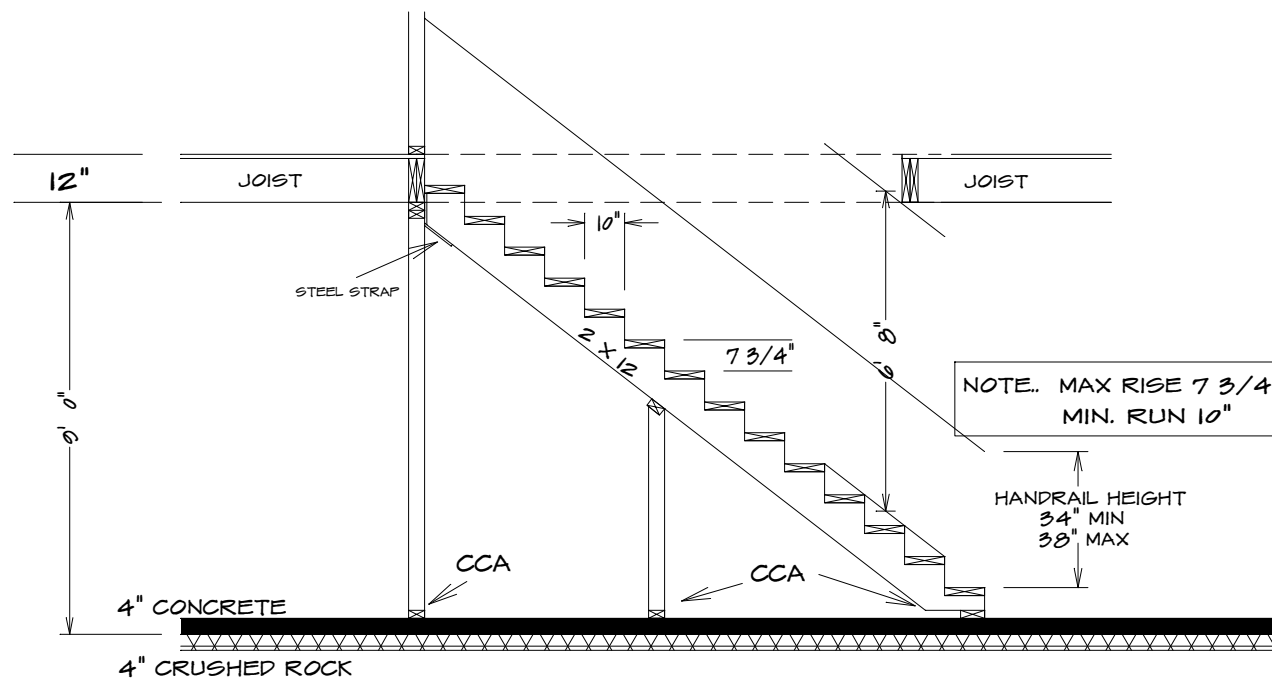
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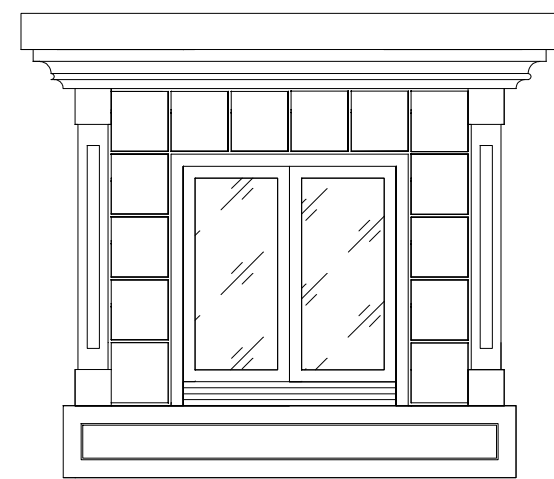


TYPICAL METAL FIRE PLACE

NOTE:SEE SPECS FOR SPECIFIC APPLICATIONS.



STAIR SECTION (TYP)



TYPICAL F.P. FRONT

EMERGENCY EGRESS

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

ELECTRICAL OUTLETS

1. ALL OUTLETS TO BE BRANCH 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 RECP. TO BE TAMPER RESISTANT

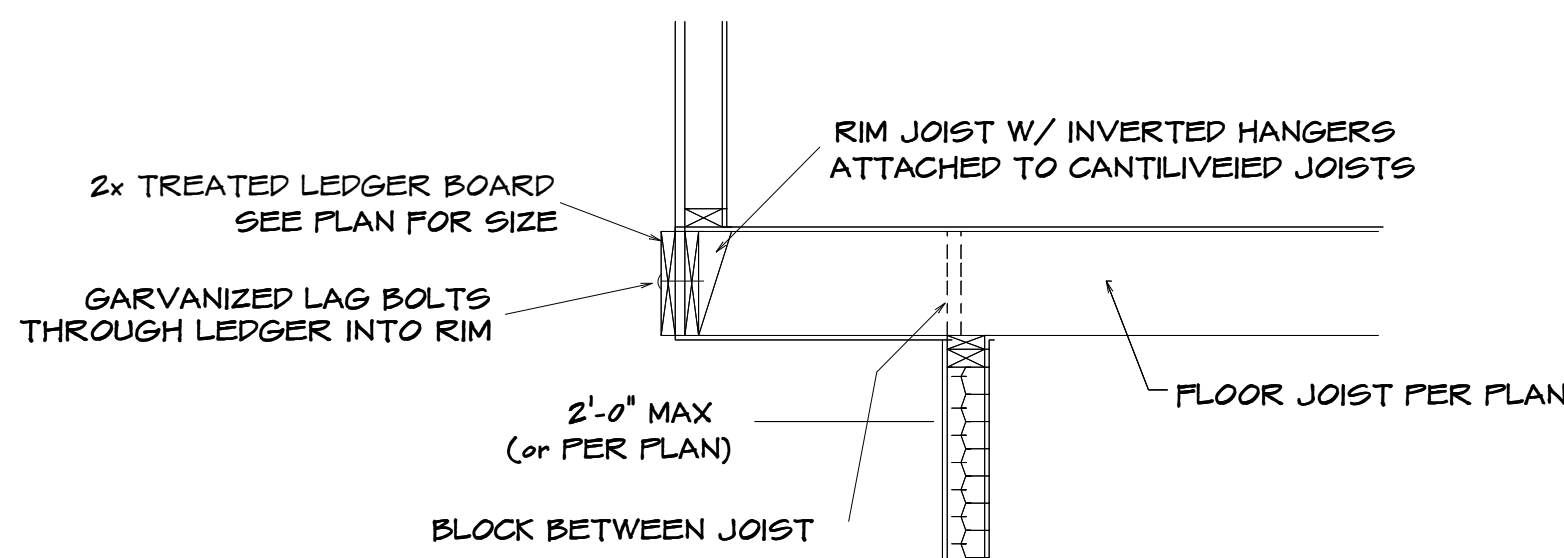
GARAGE

1. THE GARAGE FLOOR SHALL BE SLOPED TOWARD GARAGE DOORS
2. DOORS BETWEEN GARAGE AND DWELLING - MIN 1 3/8" SOLID CORE OR HONEY COMBED STEEL DOOR OR 20 MIN. RATED
3. GARAGE TO HAVE 6/8" TYPE X GYPSUM THROUGHTOUT
4. THE H-FRAM SHALL CONSIST OF 2X6 FRAMING

GLAZING

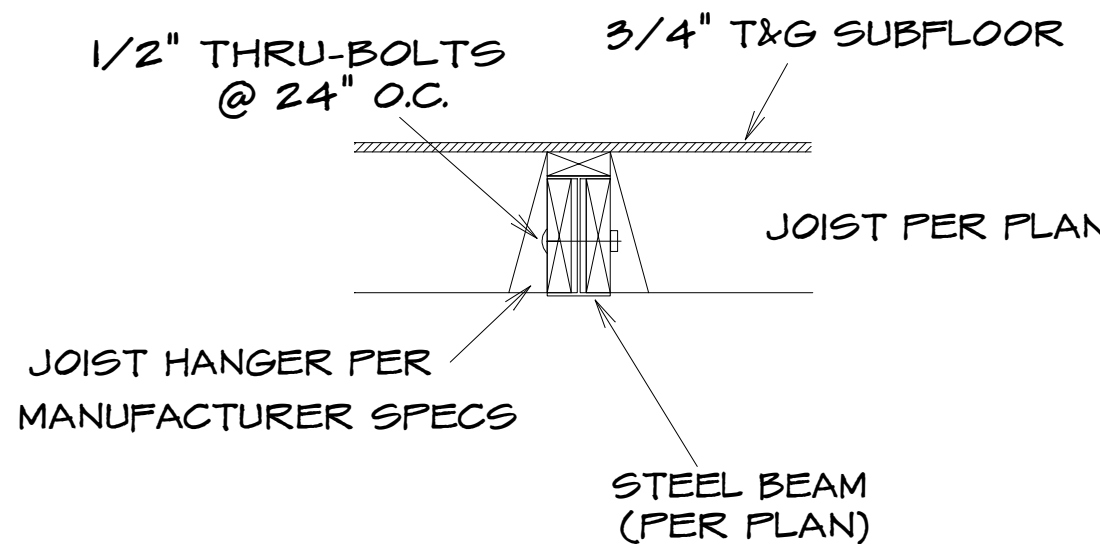
GLAZING IN HAZARDOUS LOCATIONS AS IDENTIFIED IN IRC SECTION R328.4 SHALL BE APPROVED SAFETY GLAZING MATERIALS: GLASS IN STORM DOORS, INDIVIDUAL FIXED OR OPENABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARCH OF THE DOOR IN CLOSED POSITION AND WHOSE BOTTOM EDGE IS WITHIN 60" OF THE FLOOR; WALLS ENCLOSED STAIRWAYS AND LANINGS WHERE THE GLAZING IS WITHIN 60" OF THE TOP OR BOTTOM OF THE STAIR ENCLOSURES FOR STAIRS, TUBS, SHOWERS, AND WHIRLPOOLS; GLAZING IN FIXED OR OPENABLE PANELS EXCEEDING 0.50 FT. AND WHOSE BOTTOM EDGE IS LESS THAN 18" ABOVE THE FLOOR OR WALKING SURFACE WITHIN 36"

TYPICAL FRAMING DETAILS (Not to Scale)

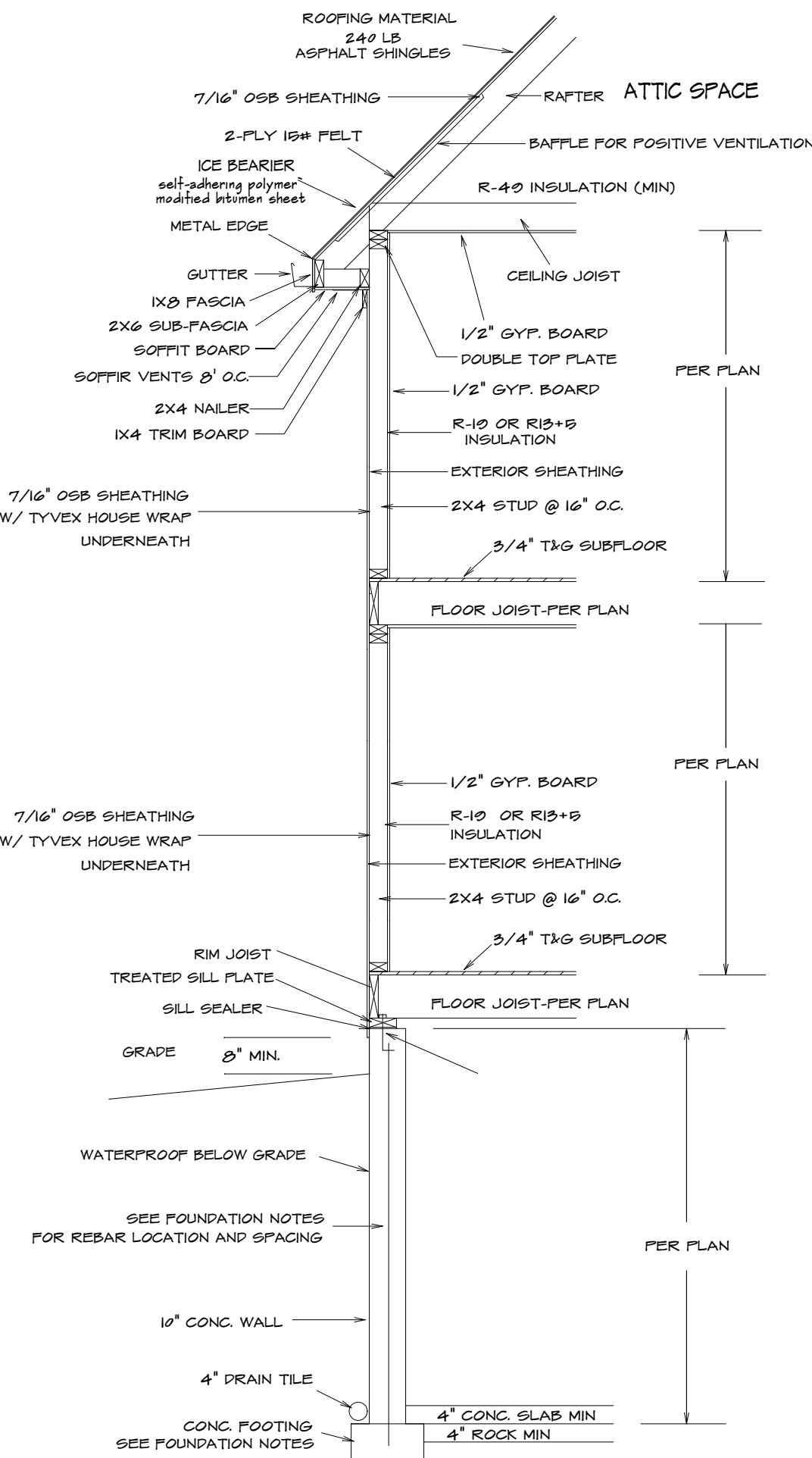


DECK JOIST SPAN	1/2" O LAG SPACING	EQUIVALENT SPACING FOR 16" O.C. JOIST BAYS
UP TO 10'-0"	16" O.C.	N/A
10'-0" - 14'-0"	12" O.C.	16" O.C. DBL EVERY OTHER
14'-0" - 18'-0"	8" O.C.	16" O.C. DBL EVERY JOIST BAY

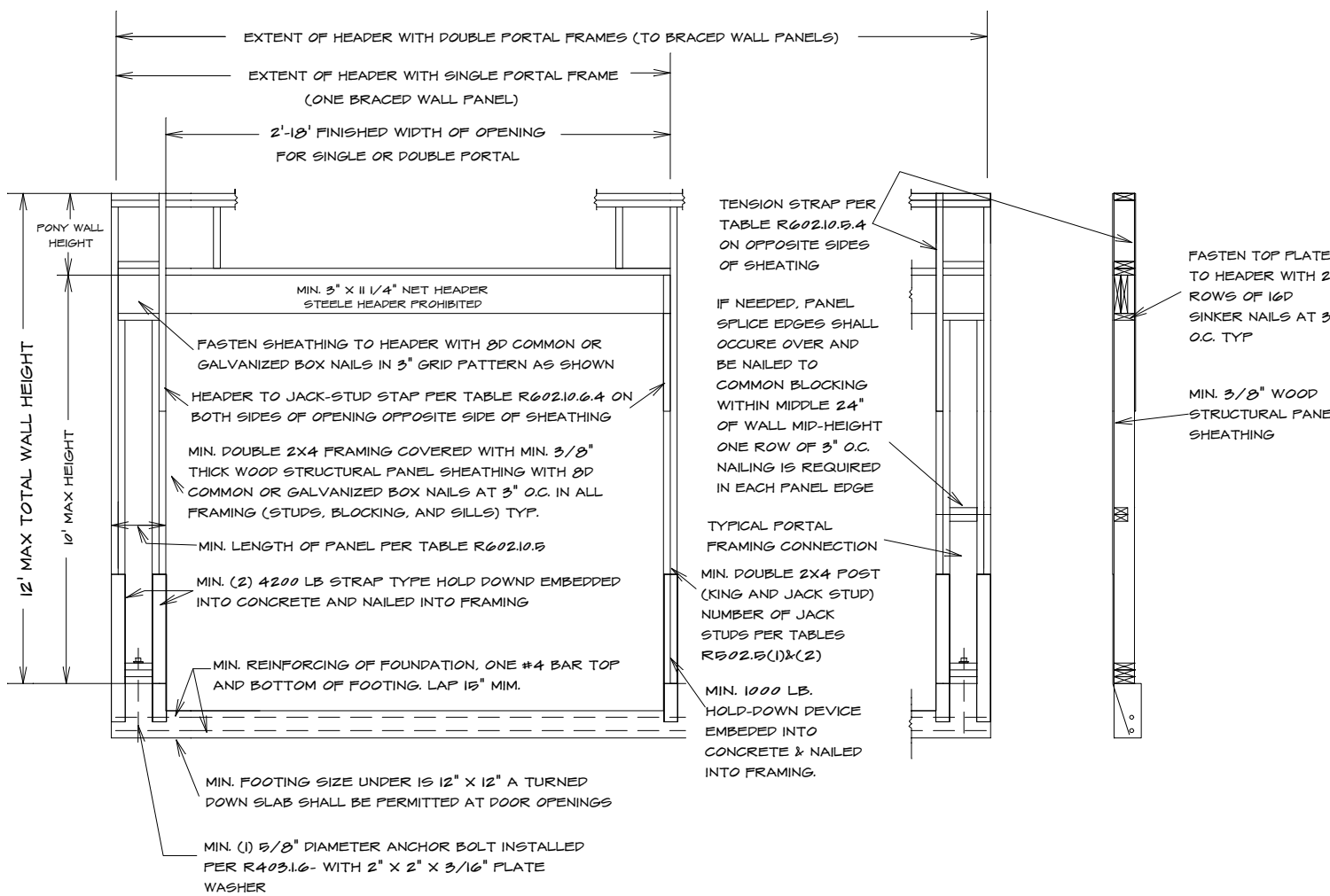
TYPICAL CANTILEVER FRAMING W/ DECK ATTACHMENT



UPSET STEEL BEAM/JOIST CONNECTION



TYPICAL WALL SECTION



ALTERNATE BRACED WALL PANEL  
R60210.3.3 Method PFF: Portal frame with hold-downs

BRACED WALLS:

METHOD WSP (R60210.2 2012 IRC):  
MIN. 5/16" APA RATED WITH 3d NAILS @ 6" AND 12"

METHOD GB (R60210.2 2012 IRC):  
MIN. 1/2" GYPSUM BOARD WITH NO. 6 1/4" TYPE W OR S SCREWS @ 7" O.C. EDGES AND WALL (4'-0" LONG, BOTH FACES OF WALL

ALTERNATE BRACED WALL PANEL  
R60210.3.3 Method PFF: Portal frame with hold-downs

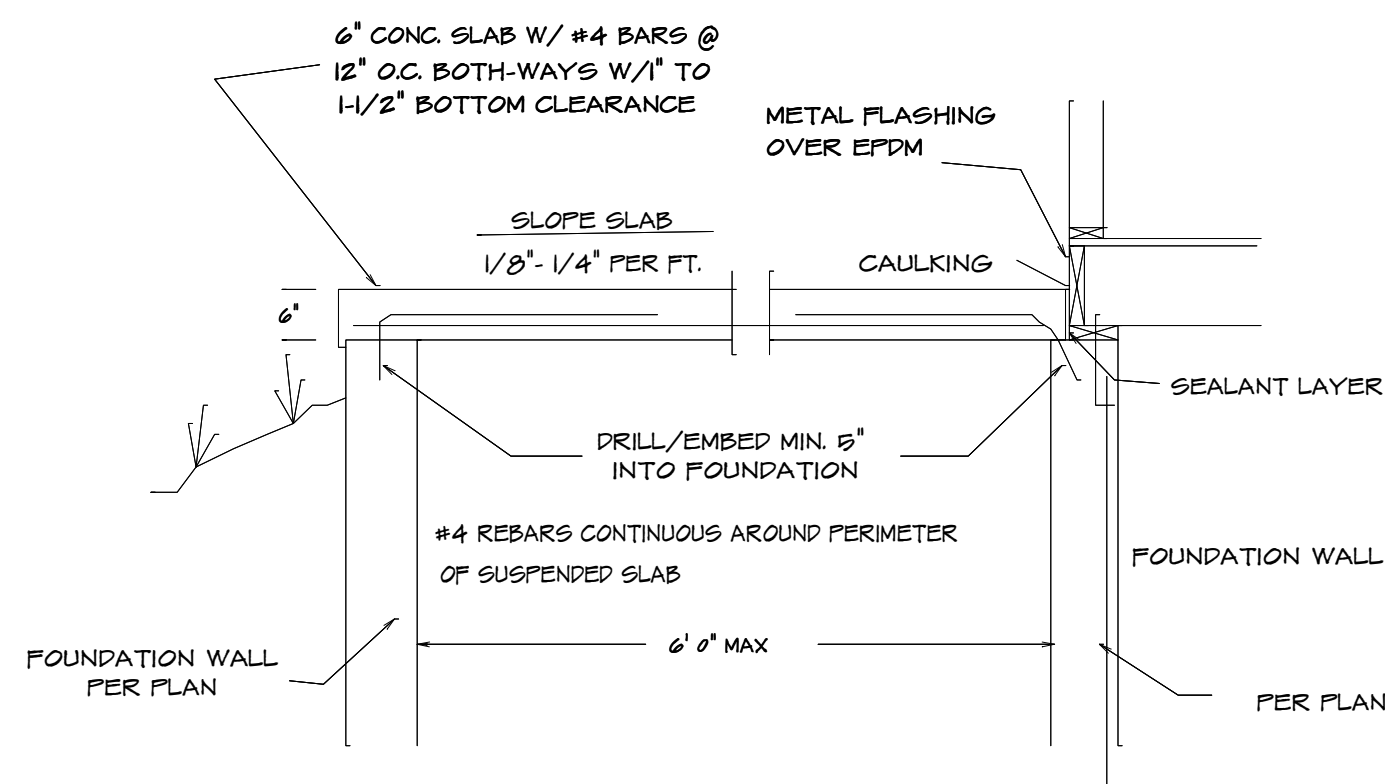
ALTERNATE BRACED WALL PANEL  
R60210.3.4 Method PFG: at garage door openings in Seismic Design Categories A, B and C

ALTERNATE BRACED WALL PANEL  
R60210.3.2 Method ABW: Alternate braced wall panels

ALTERNATE BRACED WALL PANEL  
R60210.3.4 Method CS-FF: Continuously sheathed portal frame

1. PROVIDE SOLID BLOCKING ABOVE AND BELOW ALL BRACED WALL LINES WHERE FRAMING ABOVE OR BELOW RUNS PERPENDICULAR TO THE BRACING. THE BRACED WALL SOLE PLATE AND TOP PLATE SHALL BE FASTENED TO BLOCKING (NO PARALLEL FRAMING MEMBER WHERE PROVIDED) WITH (3) 1/2" NAILS @ 16" O.C.

2. SIMPSON STD-14 HOLD-DOWN STRAPS MAY BE SUBSTITUTED WITH SIMPSON P182 HOLD-DOWNS AND A 5/8" ANCHOR ROD DRILLED AND EPOXYED A MIN. 7" INTO THE FOUNDATION



FORMWORK OPTIONS:

1. PROVIDE VULCRAFT 2VL (OR EQUAL CORRUGATED DECKING (SHORE AT MID-SPAN DURING CONSTRUCTION) or
2. FLYWOOD FORMS WITH EXPANDABLE BAR JOIST OR TEMPORARY FRAMED WALLS BY CONTRACTOR

SUSPENDED PORCH STOOP DETAIL  
OPTIONAL

INSULATION NOTES:

2019 IRC:  
MIN. INSULATION SHALL BE PROVIDED ADJACENT TO HABITABLE AREAS AS FOLLOWS:

EXTERIOR FRAMED WALLS (R10 OR R15+5)  
FLOOR OVER HEATED SPACE R10  
FLOOR OVER OUTSIDE AIR R10  
ATTIC - BLOWN IN R4-9  
CATHEDRAL CEILING R3-0

SECTION R316 CARBON MONOXIDE ALARMS

R316.1 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-burning appliances are installed and in dwelling units that have attached garages.

R316.2 Carbon monoxide detection systems.  
Carbon monoxide detection systems that include carbon monoxide detectors and audible notification appliances, installed 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 297B. Where a household carbon monoxide detection system is installed, it shall become a permanent feature of the occupancy, owned by the homeowner and shall be maintained by an approved supervising station.

SMOKE ALARMS:

2019 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 R314.6)

FRAMING NOTE

1. ALL LUMBER SIZES ARE FOR #2 D-FIR-LARCH
2. ALL HEADERS TO BE MIN. (3) #2-2X10
3. BLOCK CANTILEVERS, DOOR JAMBS, AND OVER BEAMS
4. ALL HEADERS TO BEAR ON MIN. OF (3) 2X4 STUDS
5. JOIST UNDER BEARING PARTITIONS SHALL BE DOUBLED AND COMPLY WITH IRC SEC. R602.4
6. WATER-RESISTIVE BARRIER SHALL BE PROVIDED OVER ALL EXTERIOR WALL PER IRC SEC. R703
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 1/3 OF ATTIC SPACE RAFTER TIES SHALL BE INSTALLED IN THE LOWER 1/3 OF ATTIC SPACE
8. COLLAR TIES SHALL BE PROVIDED IN THE ATTIC SPACE IN THE UPPER 1/3 OF ATTIC
9. ROOF IS DESIGNED FOR 30 P.S.F. ROOF SNOW LOAD (MIN.)
10. MIN. 2X12 ASPHALT SHINGLES
11. RAFTER TIES SHALL NOT BE REQUIRED WHEN A STRUCTURAL RIDGE HAS BEEN PROVIDED AND ADEQUATELY DESIGNED (AS IN A FULLY VAULTED ROOM) SUCH SHALL BE NOTED AS 'STRUCTURAL' ON THE PLAN PER IRC SEC. R602.4

R302.2 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 1 3/8 inches in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches thick, or 20-minute fire-rated doors, equipped with a self-closing device.

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FIND WALL REINFORCEMENT (CLASS 60 SOL.  
EXCEPT FOR RARE CIRCUMSTANCES)  
(ALL REBARS TO BE GRADE 40)

#1 WALL W/ #8 BACKSILL VERT. #4 REBARS @ 12" O.C.  
#1 WALL W/ #12 BACKSILL VERT. #4 REBARS @ 18" O.C.

SET ON A 6" X 8" CONCRETE FOOTER WITH (2) #4  
REBAR'S CONTINUING

#1 WALL W/ #8 BACKSILL VERT. #4 REBARS @ 12" O.C.  
#1 WALL W/ #12 BACKSILL VERT. #4 REBARS @ 18" O.C.

SET ON A 6" X 8" CONCRETE FOOTER WITH (2) #4  
REBAR'S CONTINUING

HORZ. #4 REBARS @ 24" O.C.

#4' X 4" CONCRETE WALL WITH (3) #4 REBARS  
HORZ. & WITH #4 REBARS @ 24" O.C. VERTICALLY

CONCRETE FLOOR - 4" CONCRETE ON 4"  
CRUSHED ROCK

CONCRETE GARAGE FLOOR - 4"  
CONCRETE ON 4" CRUSHED ROCK WITH  
6X16 10/16 WIRE MESH.

(SUPERVENED GARAGE FLOORS TO BE  
DESIGNED BY LICENCED ENGINEER)

COLUMN POOTING PER MIN. SOL.  
120# OF 18# BPS

2" X 4" X 1/2" L5 CONCRETE PADS WITH (6)  
#4 REBARS (NO UNLIGT WATER)

CONCRETE GRADE PADS - 16" X 24" WITH (2)  
#4 REBARS CONTINUING

ALL FOOTINGS SHALL EXCEED A MINIMUM PROST  
DEPTH OF 36 INCHES BELOW GRADE.

MAXIMUM DEPTH OF UNPAVED F.L.S. (7 FEET)  
FOR HIGH WALL AND (8 FEET) FOR TROUGH  
WALL.

WATERPROOF CONCRETE WALL FROM FOOTING TO  
GRADE LINE.

OPTIONAL WALK-OUT WALL

CONCRETE POOTING FOOTER W/ (3) #4  
REBARS PARALLEL 12" O.C.

#4 REBAR VERT. USED INTO FLOOR 7/9 @ 24" O.C.

BELOW GRADE BENIT 4" OF CONCRETE ON 4"  
CRUSHED ROCK WITH A MIL-POLY OVER CRUSHED  
ROCK BELOW GRADE.

DRAINAGE TILES, GRAVEL OR CRUSHED STONE  
BRANS, PERFORATED PIPE OR OTHER APPROVED  
SYSTEMS OR MATERIALS SHALL BE INSTALLED AT  
OR BELOW THE AREA TO BE PROTECTED AND SHALL  
DISCHARGE BY GRAVITY OR MECHANICAL MEANS  
INTO AN APPROVED DRAINAGE SYSTEM.

AT LEAST 1 FOOT ABOVE THE OUTSIDE GRADE  
EXTEND AT LEAST 1 FOOT BEYOND THE OUTSIDE GRADE  
AND 6 INCHES ABOVE THE TOP OF THE  
FOOTING TO BE COVERED WITH AN APPROVED  
FILTER MEDIA.

THE TOP OF OPEN JOINTS OF DRAIN TILES SHALL BE PROTECTED WITH  
STRIPS OF BUILDING PAPER, AND DRAINAGE TILES OR  
GRANULAR FILLS SHALL BE SET ON A MINIMUM  
OF 2 INCHES OF SAND OR GRAVEL, OR CRUSHED  
ROCK AT LEAST ONE SIEVE SIZE LARGER THAN THE  
JOINT OPENING OR PERFORATION AND  
CONTINUE AT LEAST LESS THAN 6 INCHES OF THE  
SAME MATERIAL.

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	SPECIFIED COMPRESSIVE STRENGTH (1")		
	Weathering Potential <sup>2</sup>		
	Nonaggressive	Moderate	Severe
Basement walls and foundations not exposed to the weather	2,000	2,000	2,000
Basement slides and interior kitchen grade, except garage floor slabs	4,000	4,000	2,000
Basement walls, foundation walls, exterior walls, and other vertical concrete work exposed to the weather	2,000	2,000 <sup>3</sup>	3,000 <sup>3</sup>
Porches, carpeted slides and other areas exposed to the weather, and garage floor slabs	4,000	2,000 <sup>3</sup>	3,000 <sup>3</sup>



ALL RAFTERS TO BE #2 2X6 D-PR 16" O.C.  
UNLESS OTHER WISE NOTED  
FURLINGS TO BE EQUAL TO RAFTER OR GREATER  
FURLING TO BE SUPPORTED TO BEARING WALL LINES  
WITH SUPPORTS SPACED 4'0" O.C. MAX FOR 2X6 FURLING  
6'0" O.C. MAX FOR 2X8 FURLING  
8'0" O.C. MAX FOR 2X10 FURLING  
CONNECT RAFTERS TO CEILING JOIST W/ (4) 16d GALV. NAILS  
CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE  
WITH (4) 16d GALV. NAILS



HOME BUYER:	PHONE:	DATE DRAWN:	PLAN NO.	SHEET NO.
BUILDER:	PHONE:	DATE REVISED:	KH-6105	5
SUB-DIVISION:	LOT NO.	DESIGNER:	FILE NAME:	APPROX. SQ.FT.
			6105 SEC2	

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EXCEPT FOR RARE CIRCUMSTANCES)  
(ALL REBARS TO BE GRADE 40)

#1 WALL W/ 8" BACKFILL VERT. #4 REBARS @ 12" O.C.  
#1 WALL W/ 12" BACKFILL VERT. #4 REBARS @ 18" O.C.  
SET ON A 6" X 8" CONCRETE FOOTER WITH (2) #4  
REBARS CONTINUOUS

#1 WALL W/ 8" BACKFILL VERT. #4 REBARS @ 12" O.C.  
#1 WALL W/ 12" BACKFILL VERT. #4 REBARS @ 18" O.C.  
SET ON A 6" X 8" CONCRETE FOOTER WITH (2) #4  
REBARS CONTINUOUS

#10R2 4" REBARS @ 24" O.C.

#1 4" X 4" CONCRETE WALL WITH (3) #4 REBARS  
HORIZ. AND WITH #4 REBARS @ 24" O.C. VERTICALLY  
CONCRETE FLOOR - 4" CONCRETE ON 4"  
CRUSHED ROCK

CONCRETE GARAGE FLOOR - 4"  
CONCRETE ON 4" CRUSHED ROCK WITH  
6X16 10/16 WIRE MESH.

(SUPERVENED GARAGE FLOORS TO BE  
DESIGNED BY LICENCED ENGINEER)

COLUMN POOTING PER MIN. SOL.  
120# OF 18# BPS

#2 12" X 8" 1/2" CONCRETE PADS WITH (6)  
#4 REBARS (4 LONG (2 SHORT W/ 90° BENDS))

CONCRETE GRADE PADS - 16" X 24" WITH (2)  
#4 REBARS CONTINUOUS

ALL FOOTINGS SHALL EXCEED A MINIMUM PROST  
DEPTH OF 36 INCHES BELOW GRADE.

MAXIMUM DEPTH OF UNPAVED F.L.S. (7 FEET)  
FOR HIGH WALL AND (8 INCHES) FOR TROUGH  
WALL.

WATERPROOF CONCRETE WALL FROM FOOTING TO  
GRADE LINE.

OPTIONAL WALK-OUT WALL

CONCRETE POOTING FOOTER W/ (3) #4  
REBARS PARALLEL 12" O.C.

#4 REBAR VERT. BENT INTO FLOOR 7/8" @ 24" O.C.

BELOW GRADE USE 4" OF CONCRETE ON 4"  
CRUSHED ROCK WITH A MIL-POLY OVER CRUSHED  
ROCK BELOW GRADE.

DRAINAGE TILES, GRAVEL OR CRUSHED STONE  
DRAINS, PERFORATED PIPE OR OTHER APPROVED  
SYSTEMS OR MATERIALS SHALL BE INSTALLED AT  
OR BELOW THE AREA TO BE PROTECTED AND SHALL  
DISCHARGE BY GRAVITY OR MECHANICAL MEANS  
INTO AN APPROVED DRAINAGE SYSTEM.

THE DRAINAGE SHALL SOME POINTS SHALL EXTEND  
AT LEAST 1 FOOT BEYOND THE OUTSIDE EDGE OF  
THE FOOTING AND 6 INCHES ABOVE THE TOP OF THE  
FOOTING AND BE COVERED WITH AN APPROVED  
FILTER MEDIA.

ALL TILES AND THE TOP OF OPEN JOINTS  
OF DRAIN TILES SHALL BE PROTECTED WITH  
STRIPS OF BUILDING PAPER. AND DRAINAGE TILES OR  
GRANULAR DRAINS SHALL BE AT LEAST A MINIMUM  
OF 2 INCHES OF WALKING SURFACE, OR CRUSHED  
ROCK AT LEAST ONE SIEVE SIZE LARGER, THAN THE  
JOINT OPENING OR PERFORATION AND  
CONCRETE SHALL BE AT LEAST 6 INCHES OF THE  
SAME MATERIAL.

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	SPECIFIED COMPRESSIVE STRENGTH (1")		
	Weathering Potential (1")		
	Highly Severe	Moderate	Severe
Basement walls and foundations not exposed to the weather	2,500	2,500 <sup>a</sup>	2,500
Basement slabs and interior abovegrade, except garage floor slabs	2,500	2,500 <sup>a</sup>	2,500
Basement walls, foundation walls, exterior walls and other vertical concrete work, exposed to the weather	2,500	2,500 <sup>a</sup>	3,000 <sup>a</sup>
Porches, support slabs and slabs exposed to the weather, and garage floor slabs	2,500	2,500 <sup>a,b</sup>	3,000 <sup>a,b</sup>



ALL RAFTERS TO BE #2 2X6 D-PR 16" O.C.  
UNLESS OTHER WISE NOTED  
FURLINGS TO BE EQUAL TO RAFTER OR GREATER  
FURLING TO BE SUPPORTED TO BEARING WALL LINES  
WITH SUPPORTS SPACED 4'0" O.C. MAX FOR 2X6 FURLING  
6'0" O.C. MAX FOR 2X8 FURLING  
8'0" O.C. MAX FOR 2X10 FURLING  
CONNECT RAFTERS TO CEILING JOIST W/ (4) 16d GALV. NAILS  
CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE  
WITH (4) 16d GALV. NAILS



HOME BUYER:	PHONE:	DATE DRAWN:	PLAN NO.	SHEET NO.
BUILDER:	PHONE:	DATE REVISED:	KH-6105	5
SUB-DIVISION:	LOT NO.	DESIGNER:	FILE NAME:	APPROX. SQ.FT.
			6105 SEC2	

BUILDER/CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS FOR ACCURACY. BUILDER/CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL FOUNDATIONS, WALLS, FLOORS, ROOFS, FOUNDATION, ELEVATIONS, ALSO VERIFY ALL BEAM, JOISTES, PIP LOCATIONS, AND COLUMN SIZES. BUILDER/CONTRACTOR TO CHECK FOR COMPLIANCE WITH CONTRACTS, CITY, AND NATIONAL CODES. BUILDER/CONTRACTOR ACCEPTS ALL RESPONSIBILITY FOR LOT PLACEMENT, SET-BACKS, AND FLOOD PLAINS. BUILDER/CONTRACTOR AND HOME OWNER ACCEPTS RESPONSIBILITY FOR ANY AND ALL COPYRIGHT INFRINGEMENTS OR RESSEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

