





CONSTRUCTION

KEVIN HIGDON

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1631 SW BLACKSTONE PLACE LEES SUMMIT MO LOT 143 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

NO [E:

ACTUAL ELEVATIONS MAY VARY FROM ARCHITECTURAL

DRAWINGS, DUE TO TERRAIN/BACKFILL PROCESS

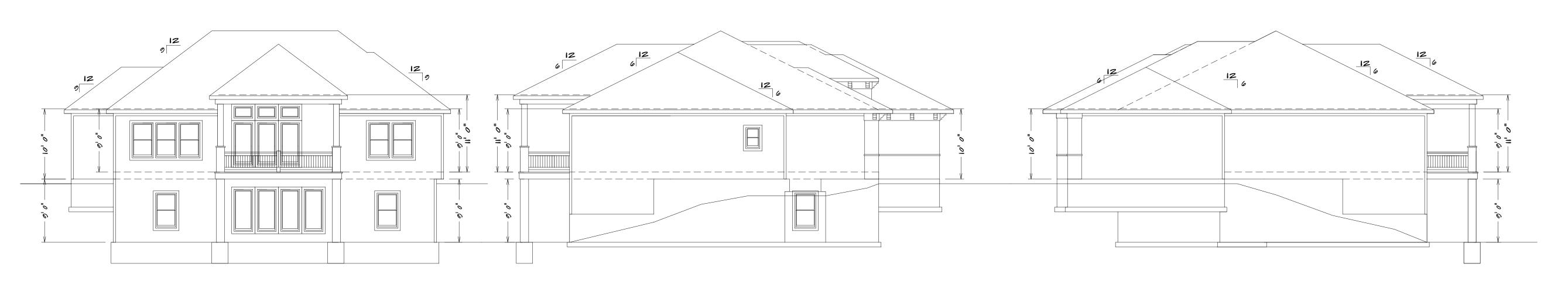
FRONT ELEVATION IS ARCHITECTURAL DRAWING AND

MAY VARY DUE TO MATERIALS AVAILABILITY

THE "CYPRESS"

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

1/4" = 1'0"



REAR ELEVATION

1/8" = 1'0"

LEFT ELEVATION

1/8" = 1'0"

RIGHT ELEVATION

1/8" = 1'0"



SQUARE FOOTAGE

LIVING AREA
FIRST FLOOR = 1558
BASEMENT = 1180
COVERED DECK = 186

UNFINISHED AREA STORAGE BASEMENT = 250 GARAGE = 680 UNDER STOOP = 32







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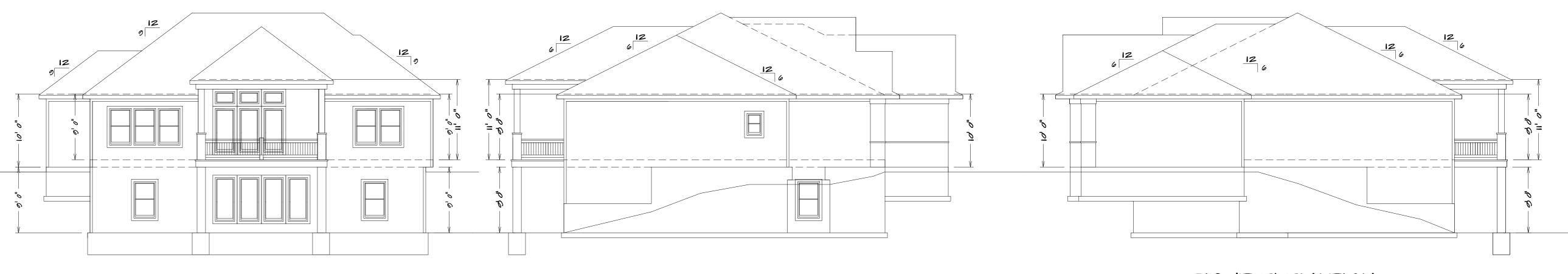
NOTE:

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KH-6105 (THE CYPRESS) LOT 143

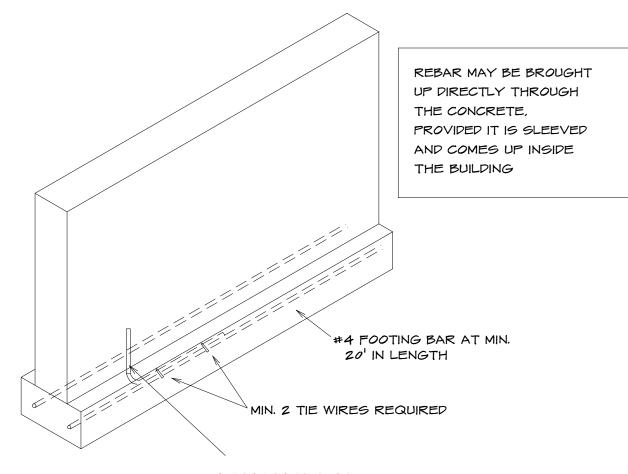


SEE ELEVATION FOR WALL HEIGHTS

NOTE... ELECTRICAL SERVICE TO BE 200 AMP.

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

S.D. SMOKE DETECTOR



#4 OR LARGER BARS

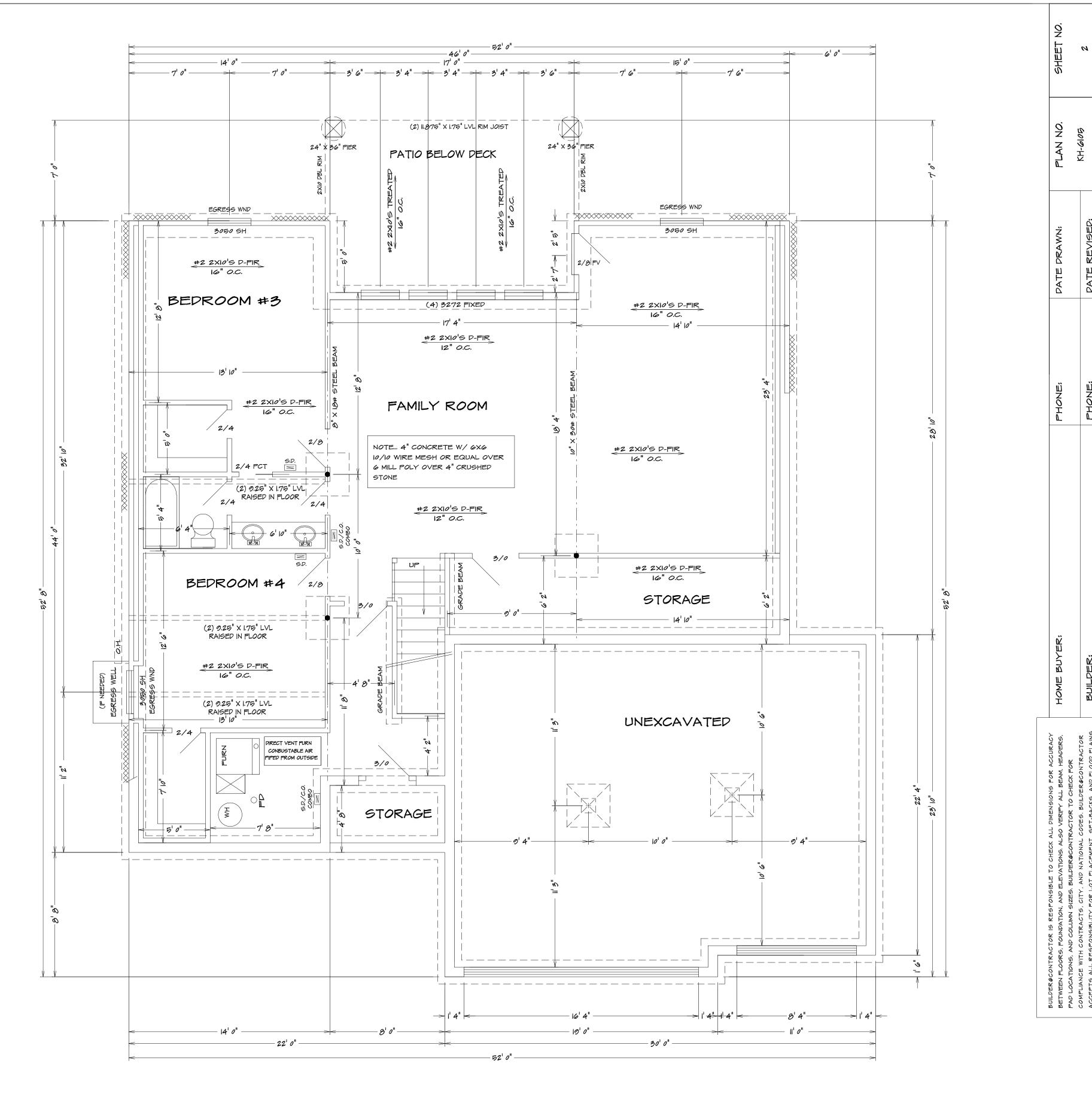
I. Section 250.52 of the National Electrical Code requires that the concrete encased reinforcing steel be included in the grounding electrode system... This means that you must have "an electrode encased by at least 50 mm (2 in.) of concrete, located horizontally near the bottom or vertically, and within 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

UFER GOUNDING SECTION

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

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)



BASEMENT PLAN

1/4" = 1'0"

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





SEE ELEVATION FOR WALL HEIGHTS

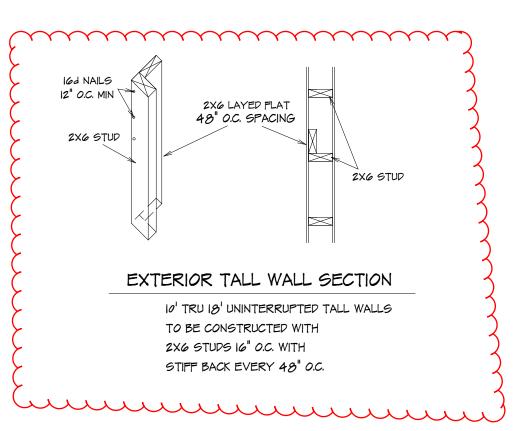
NOTE... ELECTRICAL SERVICE TO BE 200 AMP.

NOTE... DOUBLE JOIST UNDER

ALL PARALLEL WALLS

ABOVE UNLESS NOTED

S.D. = SMOKE DETECTOR



REQUIRED AREAS NEEDING HEADERS:	HEADER DESCRIPTIONS:
WINDOWS/DOORS UP TO 38" R.O.	(2) #2 D-FIR 2XIO'S
WINDOWS/DOORS 38" UP TO 72" R.O.	(2) #2 P-FIR 2XIO'S W/I/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) 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) 14" L.V.L.

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 2000.

 3. Windows that are provided with window opening control devices that
- 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:

to the outdoors.

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

COVERED DECK EGRESS WND (2) 3060 SH (3) 3060 SH (2) 11.875" × 1.75" LVL (2) 2X12'S D-FIR (3) 3224 TRANSOM MSTR BEDROOM BREAKFAST 2X6 WALL (3) 3272 FIXED #2 2X6 D-FIR 16" O.C. CEILING JOIST ¥#2 2×6 D-FIR 16" O.C. (2) 2X12¹5 D-FIR 010" CEILING JOIST (2) 11.875" × 1.75" LVL GREAT ROOM KITCHEN II'O" CEILING o'o" CEILING #2 2X6 D-FIR 16" O.C. CEILING JOIST #2 2X6 D-FIR 16" O.C. CEILING JOIST MSTR CLST BEARING POINT II'O" CEILING SOLID BLOCKING TO BEAM BELOW CAB FRONT PANTRY LAUNDRY XXXXXXXXXXX STEP (3 CAR) GARAGE GARAGE- TYPE X FOYER II'O" CEILING 12'0" FIRE RATED GYPSUM BEDROOM #2 (2) 2XI2 & D-FIR 2X6 WALL #2 2X6 D-FIR 16" O.C. 12" X 45# STEEL BEAM OPTIONAL TRANSOM NOTE... 4" CONCRETE W/ 3050 SH TWIN (2) 2X12 S D-FIR #4 BARS 24" O.C.E.W. EGREGS WND OVER 6 MILL POLY OVER 4" CRUSHED STONE (I) $8'0" \times 8'0"$ OVERHEAD DOOR. (1) 16'0" X 8'0" OVERHEAD DOOR (2) 9.5" X 1.75" LVL (2) 11.875" × 1.75" LVL

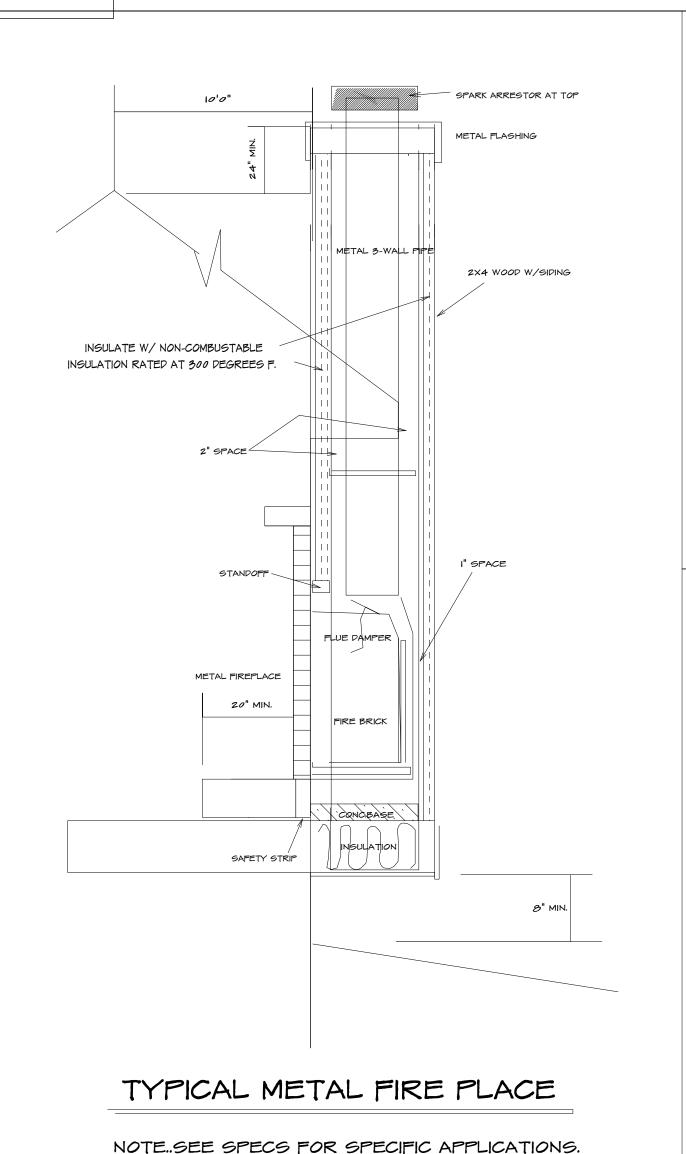
(2) 11.875" X 1.75" LVL RAFTER SUPPORT

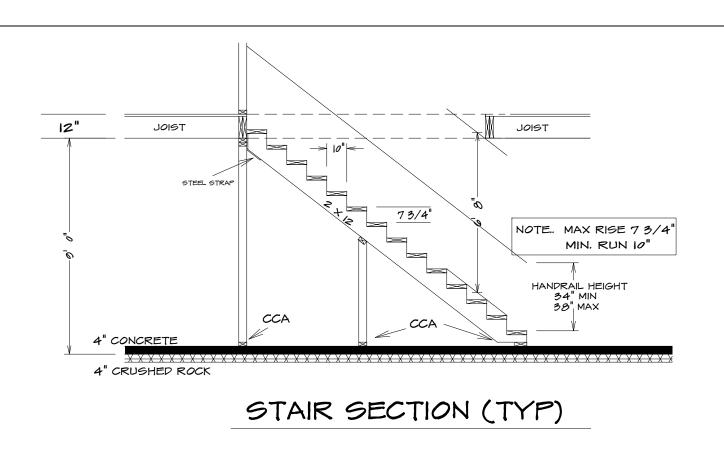
BEARING WALL

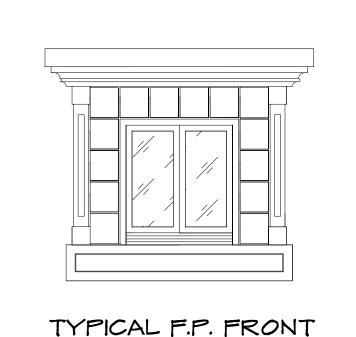
FIRST FLOOR PLAN

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









EMERGENCY EGRESS

2. ALL RECEP. TO BE TAMPER RESISTANT

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

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

GARAGE

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

I. THE GARAGE FLOOR SHALL BE SLOPED TOWARD GARAGE DOORS

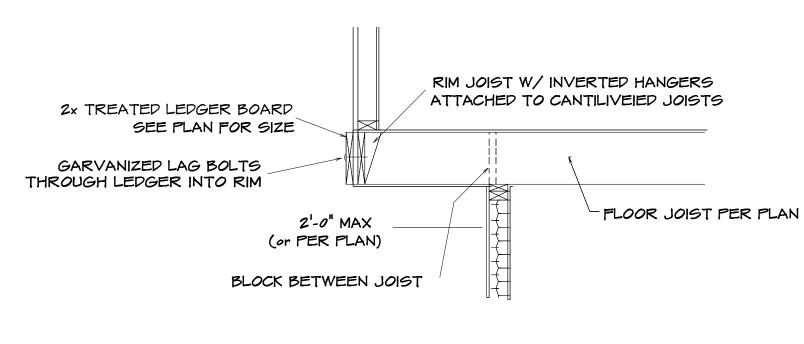
2. DOORS BETWEEN GARAGE AND DWELLING - MIN | 3/3" SOILD CORE OR HONEY COMBED STEEL DOOR OR 20 MIN. RATED

3. GARAGE TO HAVE 5/8" TYPE X GYPSUM THROUGHTOUT

GLAZING IN HAZARDOUS 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 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

ROOFING MATERIAL

TYPICAL FRAMING DETAILS (Not to Scale)



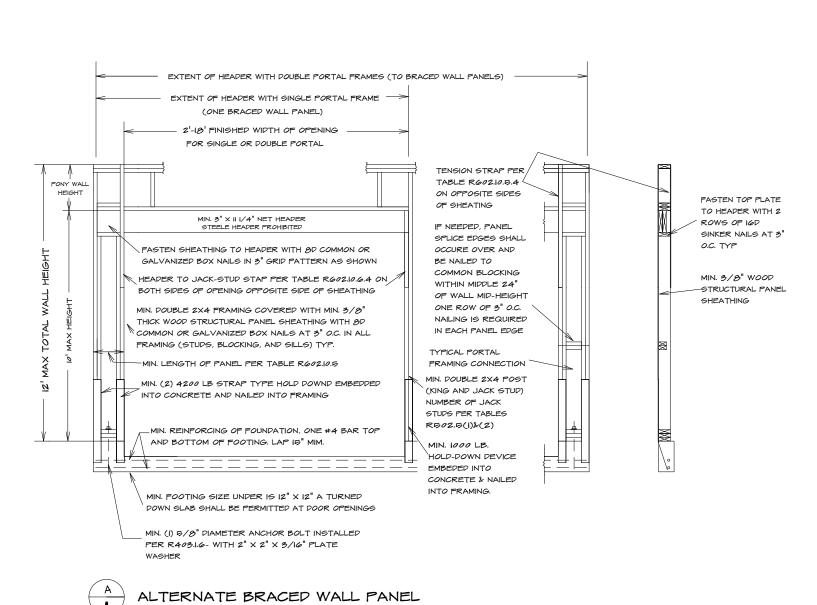
DI	ECK JOIST SPAN	1/2" O LAG SPACING	EQUIVALENT SPACING FOR 16" O.C. JOIST BAYS	Ī
U	P TO 10'-0"	16" O.C.	N/A	Ī
10	0'-0" -14'-0"	12" O.C.	16" O.C. DBL. EVERY OTHER	
14	4'-0" -18'-0"	8" O.C.	16" O.C. DBL. EVERY JOIST BAY	

TYPICAL CANTILEVER FRAMING W/ DECK ATTACHMENT

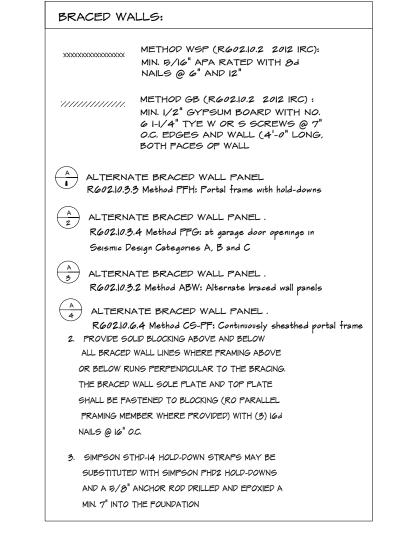
3/4" T&G SUBFLOOR 1/2" THRU-BOLTS @ 24" O.C. JOIST PER PLAN JOIST HANGER PER MANUFACTURER SPECS STEEL BEAM (PER PLAN)

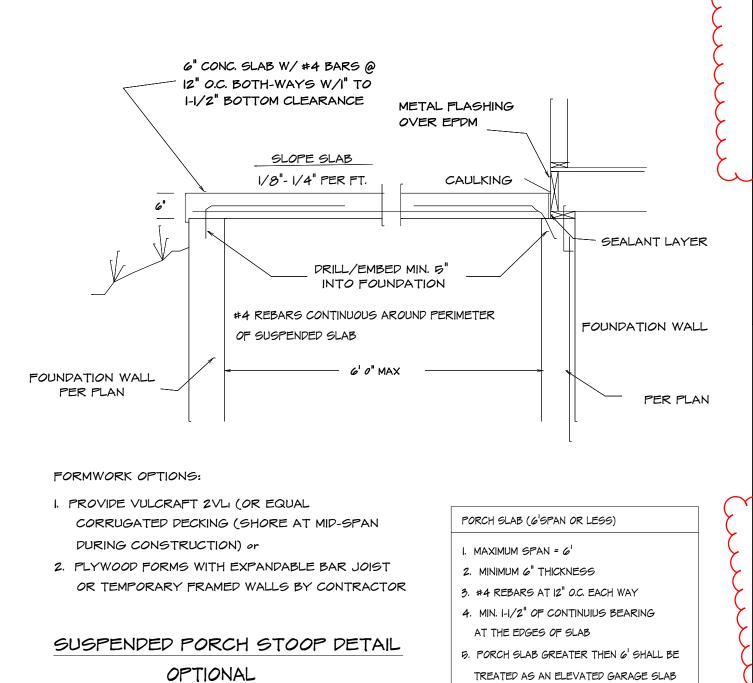
UPSET STEEL BEAM/JOIST CONNECTION

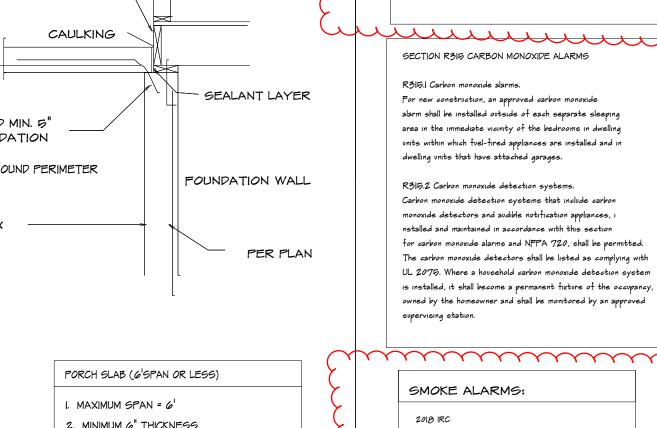
240 LB ASPHALT SHINGLES FAFTER ATTIC SPACE 7/16" OSB SHEATHING -- BAFFLE FOR POSITIVE VENTILATION ICE BEARIER R-40 INSULATION (MIN) CEILING JOIST IX8 FASCIA 2X6 SUB-FASCIA 1/2" GYP. BOARD SOFFIT BOARD -- DOUBLE TOP PLATE SOFFIR VENTS 8' O.C. -1/2" GYP. BOARD 2X4 NAILER-R-10 OR R13+5 IX4 TRIM BOARD -- EXTERIOR SHEATHING 7/16" OSB SHEATHING -2X4 STUD @ 16" O.C. W/ TYVEX HOUSE WRAP UNDERNEATH 3/4" T&G SUBFLOOR FLOOR JOIST-PER PLAN — 1/2" GYP. BOARD 7/16" OSB SHEATHING R-19 OR R13+5 INSULATION W/ TYVEX HOUSE WRAP -EXTERIOR SHEATHING — 2X4 STUD @ 16" O.C. 3/4" T&G SUBFLOOR RIM JOIST TREATED SILL PLATE FLOOR JOIST-PER PLAN SILL SEALER -WATERPROOF BELOW GRADE SEE FOUNDATION NOTES FOR REBAR LOCATION AND SPACING PER PLAN 10" CONC. WALL 4" DRAIN TILE 4" CONC. SLAB MIN CONC. FOOTING 4" ROCK MIN SEE FOUNDATION NOTES



R602.10.3.3 Method PFH: Portal frame with hold-downs







TREATED AS AN ELEVATED GARAGE SLAB

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)

MANNE MANNE

MIN. INSULATION SHALL BE PROVIDED ADJACENT TO HABITABLE AREAS AS

FLOOR OVER HEATED SPACE RIO

CATHEDRAL CEILING

FLOOR OVER OUTSIDE AIR RIO

EXTERIOR FRAMED WALLS (RID OR RIS+5)

INSULATION NOTES:

FOLLOWS:

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.

TYPICAL WALL SECTION

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.

TYPICAL DETAILS

FRAMING NOTE

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

3. BLOCK CANTILEVERS, DOOR JAMBS, AND OVER BEAMS

5. JOIST UNDER BEARING PARTITIONS SHALL BE DOUBLED

WHERE CEILING JOIST ARE NOT INSTALLED CONNECTED

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

TO THE RAFTERS AT THE TOP PLATE AND/OR WHERE

8. COLLAR TIES SHALL BE PROVIDED IN THE ATTIC SPACE IN

9. ROOF IS DESIGNED FOR 20 P.S.F. ROOF SNOW LOAD (MIN.)

II. RAFTER TIES SHALL NOT BE REQUIED 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. 802.3

4. ALL HEADRS TO BEAR ON MIN. OF (2) 2X4 STUDS

6. WATER-RESISTIVE BARRIER SHALL BE PROVIDED

OVER ALL EXTERIOR WALL PER IRC SEC. R703

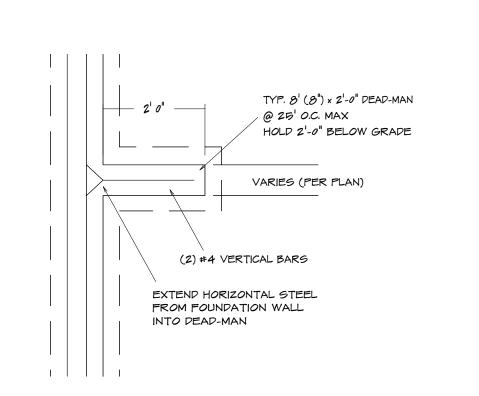
2. ALL HEADERS TO BE MIN. (2) #2-2XIO

AND COMPLY WITH IRC SEC. R502.4

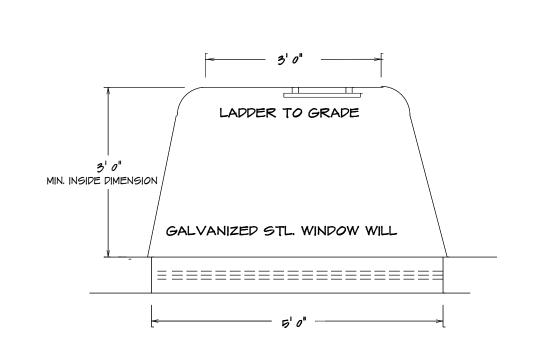
THE UPPER 1/3 OF ATTIC

10. MIN 20 YR. ASPHALT SHINGLES

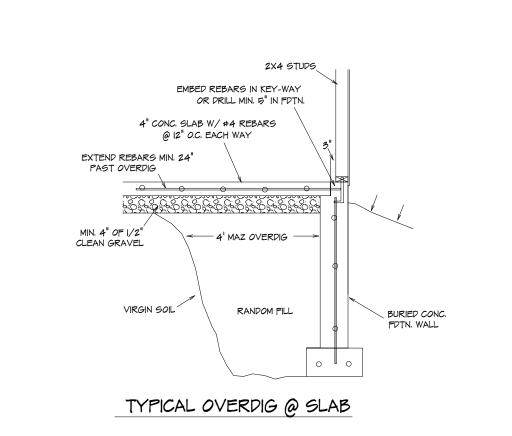


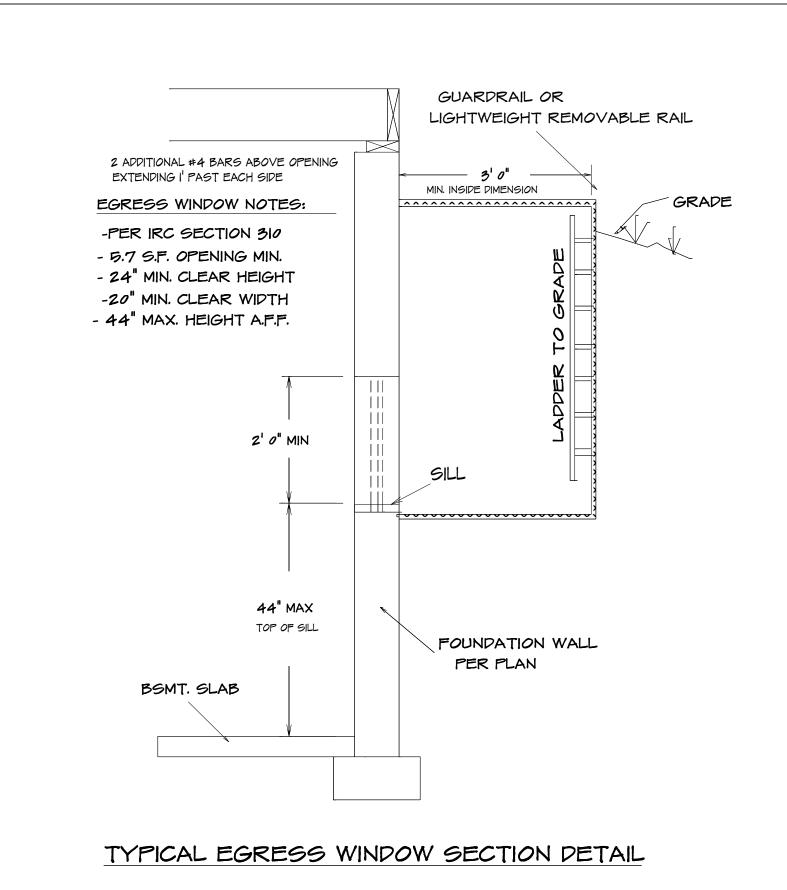


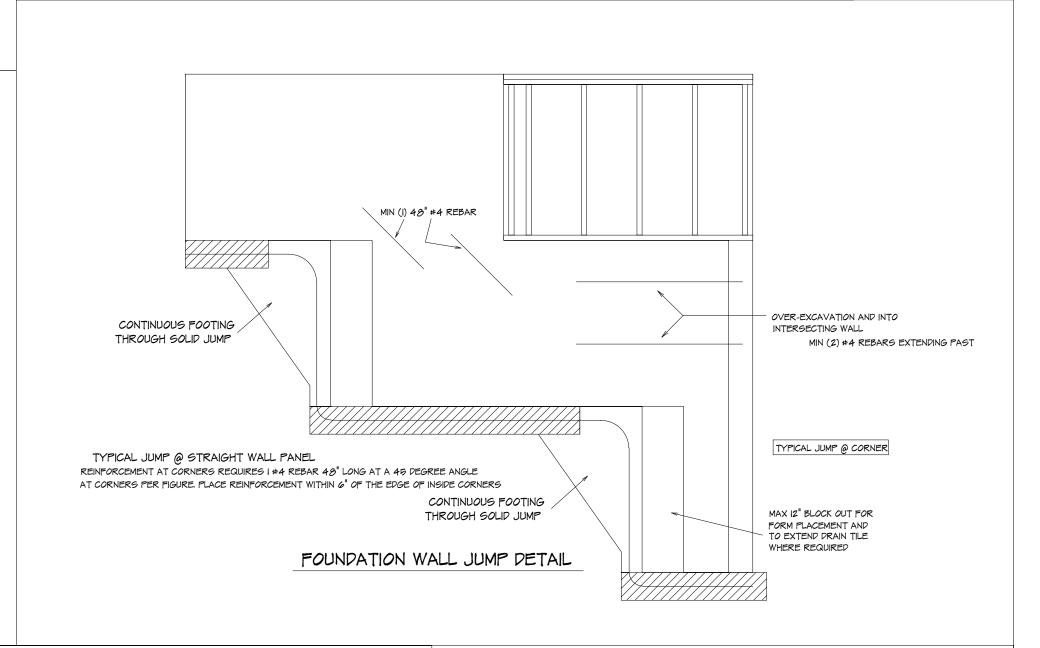
TYPICAL DEAD-MAN SECTION

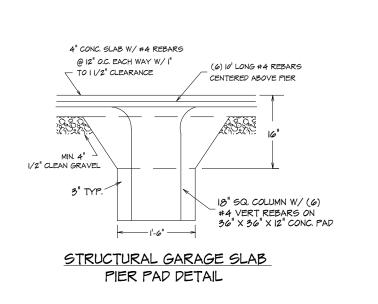


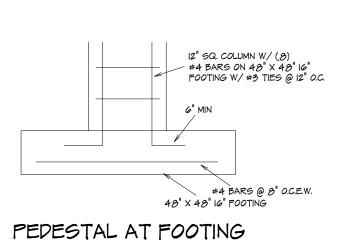
TYPICAL EGRESS WINDOW PLAN SECTION

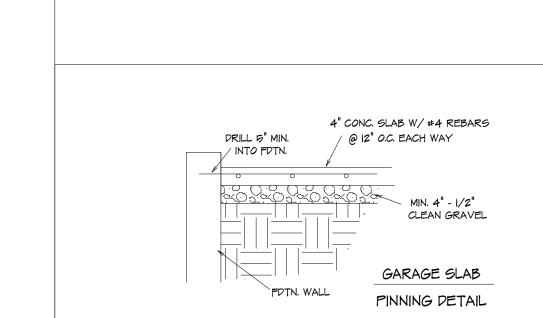












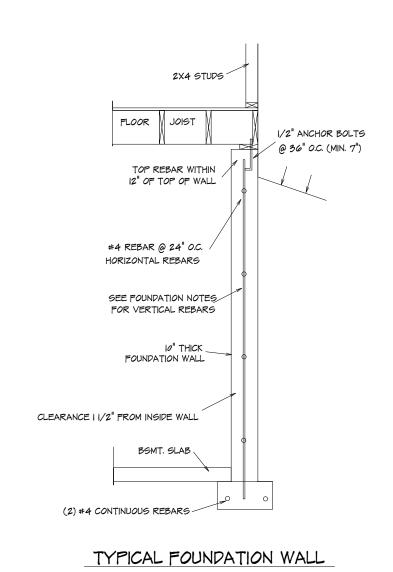
REQUIRED FOOTING:

MINIMUM HORIZONTAL LOCATION FOOTING REBAR OF REBAR

1 OR 2 STY. 8"T x 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" FROM BTM.



FND WALL REINFORCEMENT (CLASS 60 SOIL, EXCEPT FOR RARE CIRCUMSTANCES)

(ALL REBARS TO BE GRADE 40)

9' WALL W/ 8' BACKFILL VERT. #4 REBARS @ 12" O.C.

9' WALL W/ 7' BACKFILL VERT. #4 REBARS @ 18" O.C.

SET ON A 16" X 8" CONCRETE FOOTER WITH (2) #4

REBARS CONTINOUS.

FOUNDATION NOTES:

IO' WALL W/ 0' BACKFILL VERT. #4 REBARS @ 8" O.C.
IO' WALL W/ 8' BACKFILL VERT. #4 REBARS @ 12" O.C.
SET ON A 20" X 12" CONCRETE FOOTER WITH (2) #4
REBARS CONTINOUS.

HORIZ #4 REBARS @ 24" O.C.
8" X 4'0" CONCRETE WALL WITH (3) #4 REBARS
HORZ. 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
GXG 10/10 WIRE MESH.
(SUPENDED GARAGE FLOORS TO BE

LOAD OF 1500 PSF

42" X 42" X 12" CONCRETE PADS WITH (6)
#4 REBARS EACH WAY (UNLESS NOTED)

CONCRETE GRADE PADS - 16" X 8" WITH (2)
#4 REBARS CONTINOUS.

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

MAXIMUM DEPTH OF UNBALANCED FILL IS (7 FEET)
FOR 8-INCH WALL AND (8 FEET) FOR TEN-INCH

DESIGNED BY LICENCED ENGINEER)

COLUMN FOOTING FOR MIN. SOIL

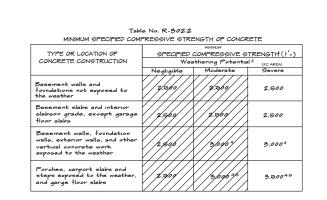
WATERPROOF CONCRETE WALL FROM FOOTING TO GRADE LINE. OPTIONAL WALK-OUT WALL IG" X 3G" CONCRETE FROST FOOTER W/ (3) #4 REBARS PARALLEL IZ" O.C. CONTINOUS.

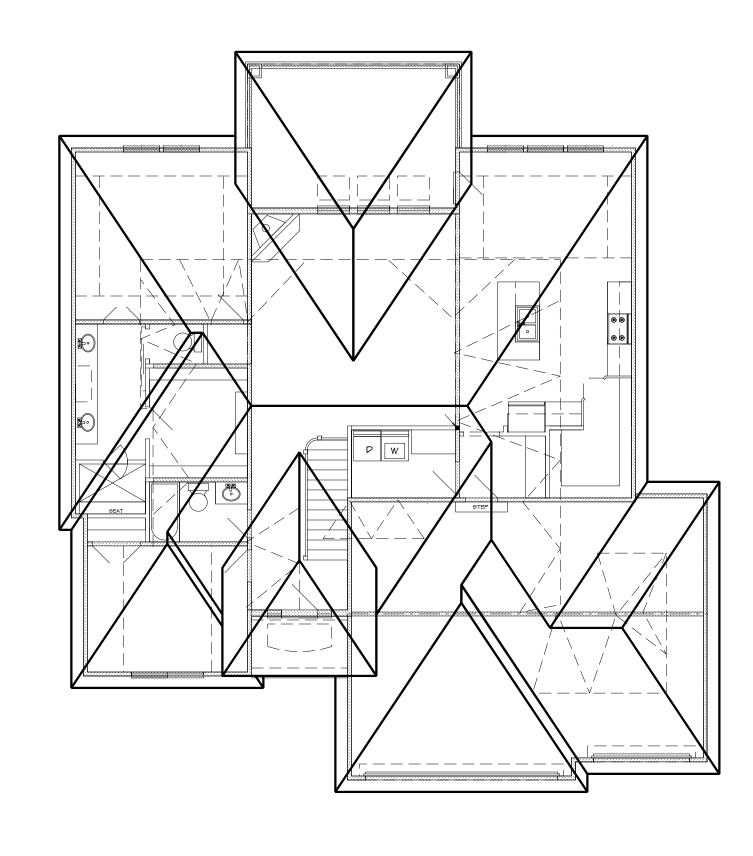
#4 REBAR VERT. BENT INTO FLOOR 7'0" @ 24" O.C.

BELOW GRAPE USE 4" OF CONCRETE ON 4"

CRUSHED ROCK WITH 6 MIL-POLY OVER CRUSHED ROCK BELOW GRAPE.

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 PPROVED DRAINAGE SYSTEM. GRAVEL OR CRUSHED SONE DRAINS SHALL EXTEND AT LEAST I FOOT BEYOND THE OUTSIDE EDGE OF THE FOOTING AND 6 INCHES ABOVE THE TOP OF THE FOOTING AND BE COVERED WITH AN APPROVED FILTER MEMBRANE MATERIAL. THE TOP OF OPEN JOINTS OF DRAIN TILES SHALL BE PROTECTED WITH STRIPS OF BUILDING PAPER, AND DRANAGE TILES OR PERFORATED PIPE SHALL BE PLACED ON A MINIUM OF 2 INCHES OF WASHED GRAVEL OR CRUSHED ROCK AT LEAST ONE SIEVE SIZE LARGER THAN THE TILE JOINT OPENING OR PERFORATION AND COMVERED WITH NOT LESS THAN 6 INCHES OF THE SAME MATERIAL.





BEARING WALL

ALL RAFTERS TO BE #2 2X6 D-FIR 16" O.C.

UNLESS OTHER WISE NOTED

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

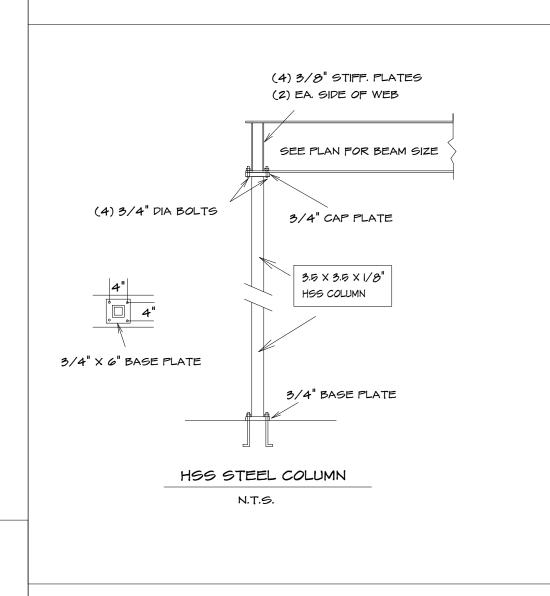
6'0" O.C. MAX FOR 2X8 PURLING

8'0" O.C. MAX FOR 2X10 PURLING

CONNECT RAFTERS TO CEILING JOIST W (4) 16d GALV. NAILS

CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE

WITH (4) 16d GALV. NAILS



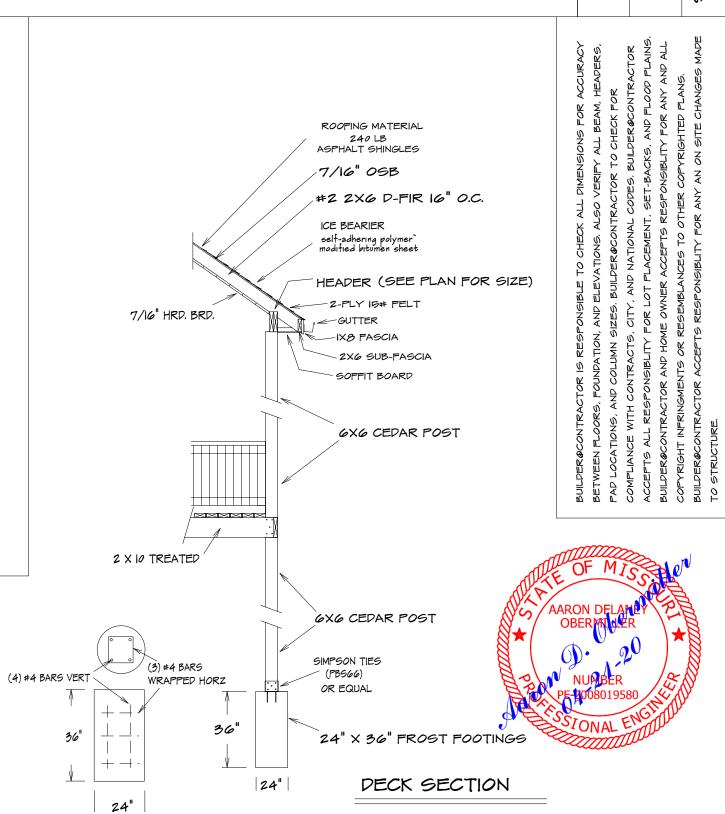
ROOF ELEVATION

2X8 #2 D-FIR FOR UNBRACED LENGTH UP TO 9'0"

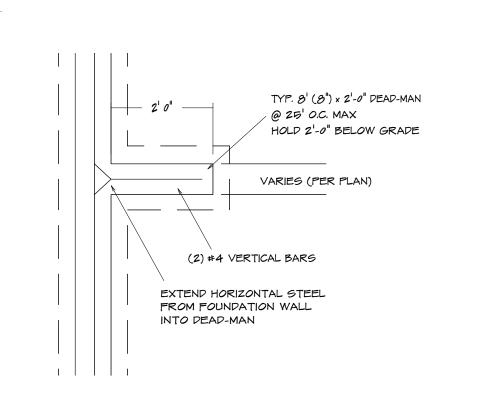
2XIO #2 D-FIR FOR UNBRACED LENGTH UP TO 10'0"

2XI2 #2 D-FIR FOR UNBRACED LENGTH UP TO 12'0"

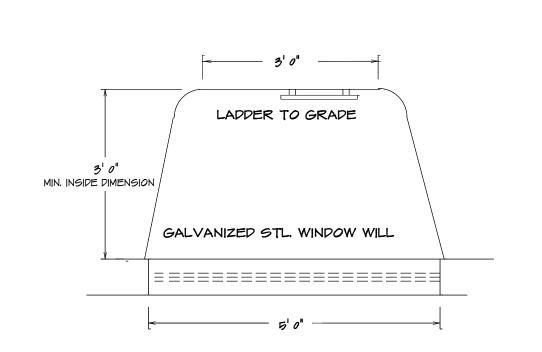
NOTE... HIP RIDGE FOR THE MAIN ROOF AS:



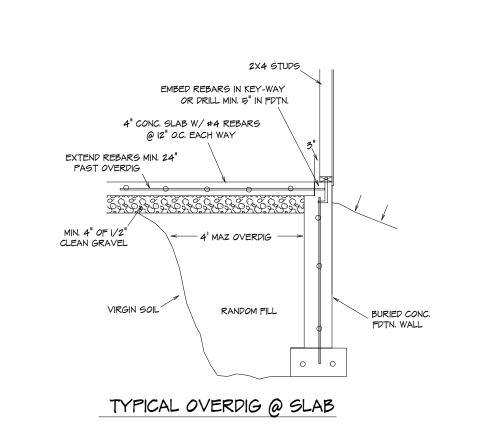


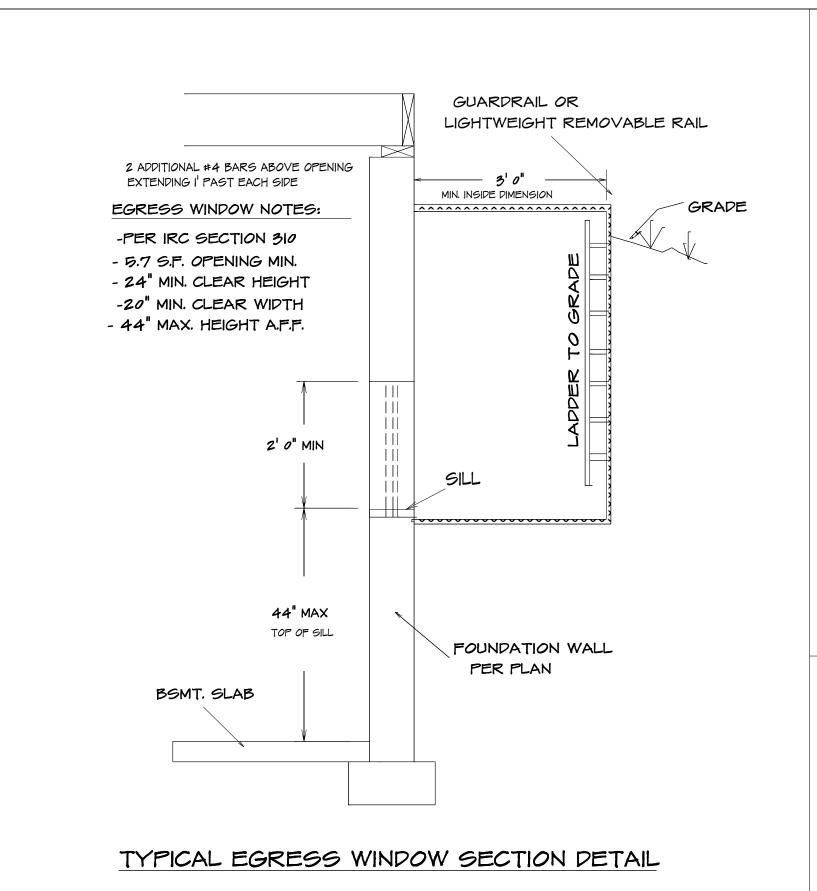


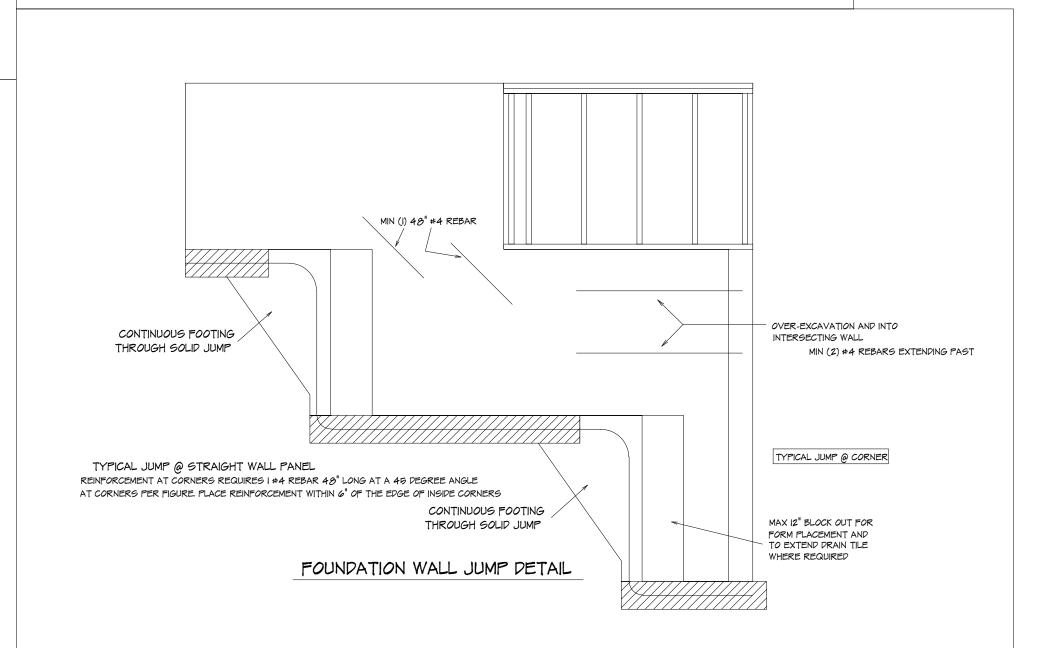
TYPICAL DEAD-MAN SECTION

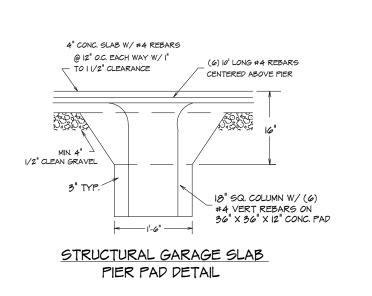


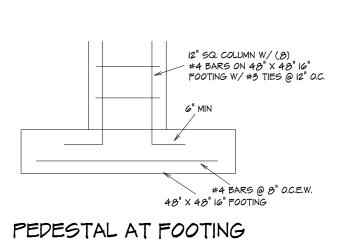
TYPICAL EGRESS WINDOW PLAN SECTION

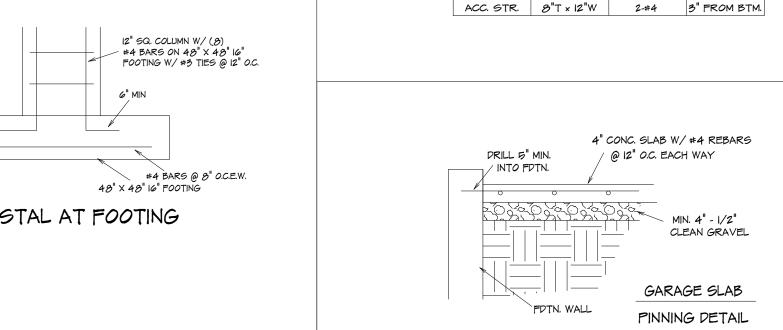










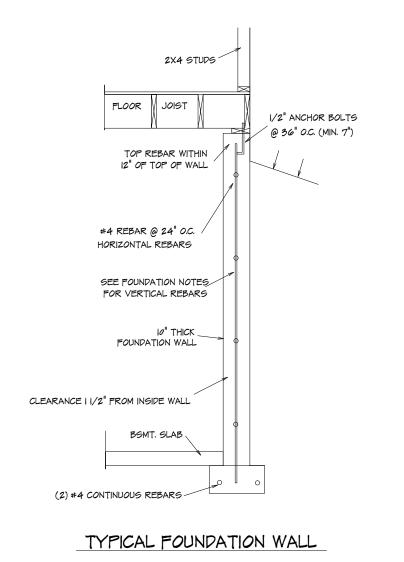


REQUIRED FOOTING:

MINIMUM HORIZONTAL LOCATION FOOTING REBAR OF REBAR

I OR 2 STY. 8"T x 16"W 2#4 3" FROM BTM.

3 STORY 8"T x 24"W 2-#4 3" FROM BTM.



(ALL REBARS TO BE GRADE 40) 9' WALL W/ 8' BACKFILL VERT. #4 REBARS @ 12" O.C. 9' WALL W/ 7' BACKFILL VERT. #4 REBARS @ 18" O.C. SET ON A 16" X 8" CONCRETE FOOTER WITH (2) #4 REBARS CONTINOUS. 10' WALL W/ 9' BACKFILL VERT. #4 REBARS @ 8" O.C. 10' WALL W/ 8' BACKFILL VERT. #4 REBARS @ 12" O.C. SET ON A 20" X IZ" CONCRETE FOOTER WITH (2) #4 REBARS CONTINOUS. HORIZ #4 REBARS @ 24" O.C. 8" X 4'0" CONCRETE WALL WITH (3) #4 REBARS HORZ. 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 6X6 10/10 WIRE MESH. (SUPENDED GARAGE FLOORS TO BE DESIGNED BY LICENCED ENGINEER)

FND WALL REINFORCEMENT (CLASS 60 SOIL, EXCEPT FOR RARE CIRCUMSTANCES)

FOUNDATION NOTES:

LOAD OF 1500 PSF 42" X 42" X I2" CONCRETE PADS WITH (6) #4 REBARS EACH WAY (UNLESS NOTED) CONCRETE GRADE PADS - 16" X 8" WITH (2) #4 REBARS CONTINOUS. ALL FOOTINGS SHALL EXCEED A MINIMUM FROST DEPTH OF 36 INCHES BELOW GRADE. MAXIMUM DEPTH OF UNBALANCED FILL IS (7 FEET) FOR 8-INCH WALL AND (8 FEET) FOR TEN-INCH

COLUMN FOOTING FOR MIN. SOIL

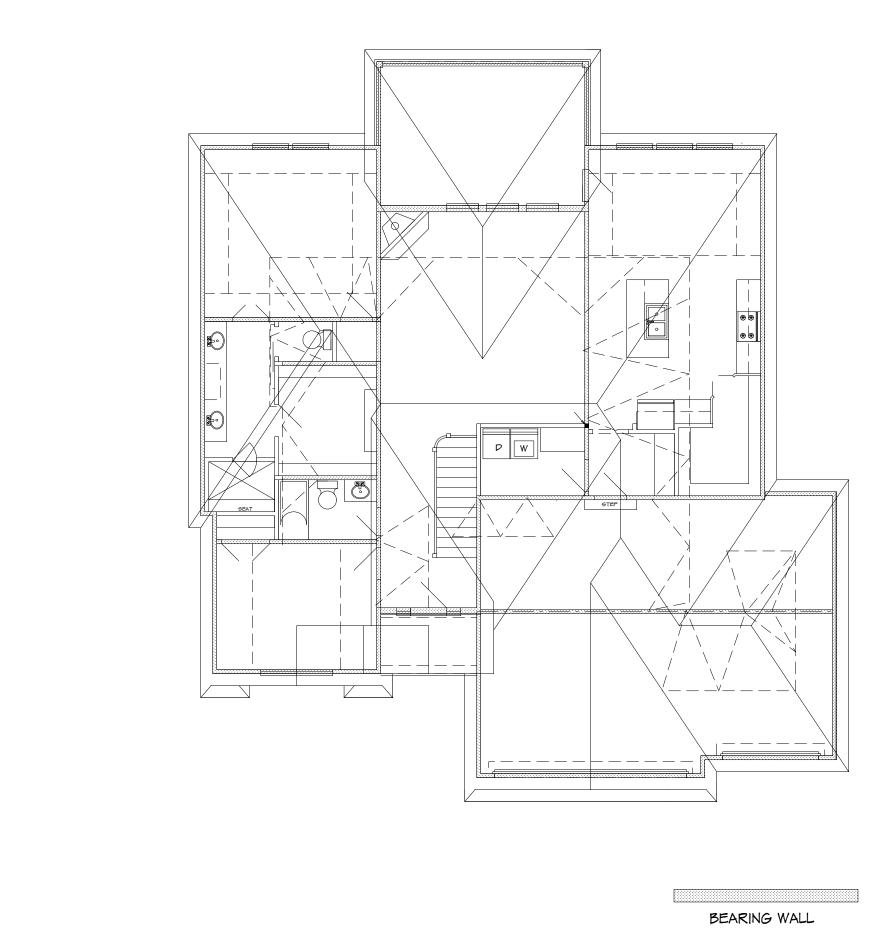
WATERPROOF CONCRETE WALL FROM FOOTING TO GRADE LINE. OPTIONAL WALK-OUT WALL 16" X 36" CONCRETE FROST FOOTER W/ (3) #4 REBARS PARALLEL 12" O.C. CONTINOUS. #4 REBAR VERT. BENT INTO FLOOR 7'0" @ 24" O.C.

BELOW GRADE USE 4" OF CONCRETE ON 4" CRUSHED ROCK WITH 6 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 PPROVED DRAINAGE SYSTEM. GRAVEL OR CRUSHED SONE DRAINS SHALL EXTEND AT LEAST I FOOT BEYOND THE OUTSIDE EDGE OF THE FOOTING AND 6 INCHES ABOVE THE TOP OF THE FOOTING AND BE COVERED WITH AN APPROVED FILTER MEMBRANE MATERIAL. THE TOP OF OPEN JOINTS OF DRAIN TILES SHALL BE PROTECTED WITH STRIPS OF BUILDING PAPER, AND DRANAGE TILES OR PERFORATED PIPE SHALL BE PLACED ON A MINIUM OF 2 INCHES OF WASHED GRAVEL OR CRUSHED ROCK AT LEAST ONE SIEVE SIZE LARGER THAN THE TILE JOINT OPENING OR PERFORATION AND COMVERED WITH NOT LESS THAN 6 INCHES OF THE SAME MATERIAL.

MINIMUM CONCURRED COM	le No. R-302.2	NICTH OF COURT	errer	
MINIMUM SPECIFIED COM	TRESSIVE STRE	MININUM		
TYPE OR LOCATION OF	SPECIFIED COMPRESSIVE STRENGTH (+'-)			
CONCRETE CONSTRUCTION	Weathering Potential 2 (KC AREA)			
	Negligible	Moderate	Severe	
Basement walls and foundations not exposed to the weather	2.5960/	2.5/00	2,500	
Basement slabs and interior slabson grade, except garage floor slabs	2.5/00	2.500	2,500	
Basement walls, foundation walls, exterior walls, and other vertical concrete work exposed to the weather	2,500	2/0g07	3,0004	
Porches, carport slabs and steps exposed to the weather, and garge floor slabs	2.500	3/0g0 %	3.500 ^{4.5}	



ROOF ELEVATION

NOTE... HIP RIDGE FOR THE MAIN ROOF AS: 2X8 #2 D-FIR FOR UNBRACED LENGTH UP TO 9'0" 2XIO #2 D-FIR FOR UNBRACED LENGTH UP TO 10'0" 2XI2 #2 D-FIR FOR UNBRACED LENGTH UP TO 12'0"

ALL RAFTERS TO BE #2 2X6 D-FIR 16" O.C. UNLESS OTHER WISE NOTED 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

