

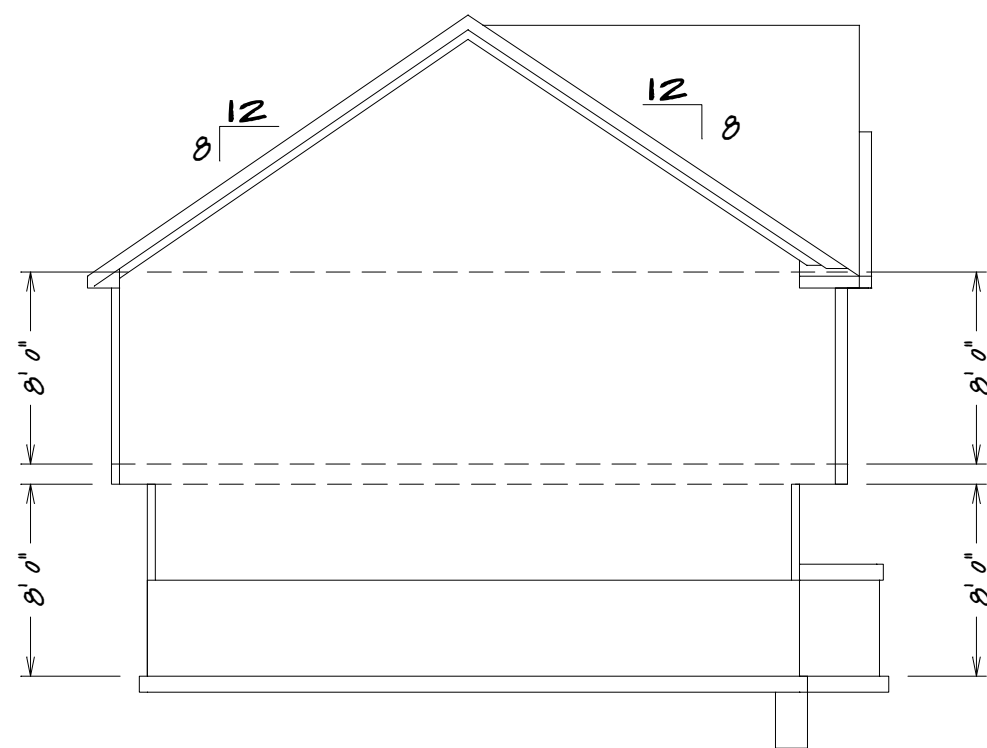


FRONT ELEVATION

1/4" = 1'0"

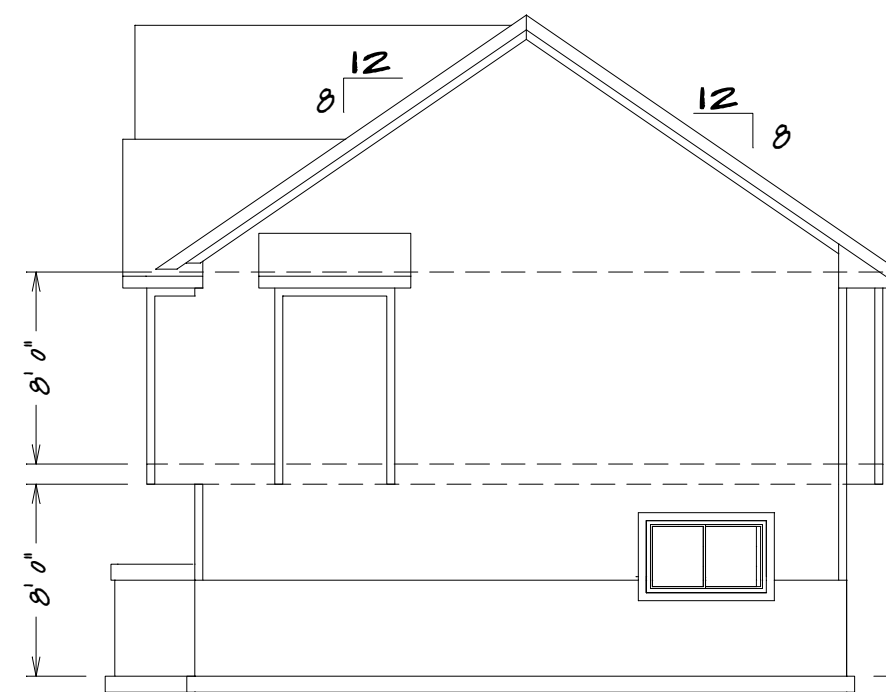
SQUARE FOOTAGE

LIVING AREA
 FIRST FLOOR = 1360
 BASEMENT FLOOR = 476
 UNFINISHED AREA
 GARAGE = 746



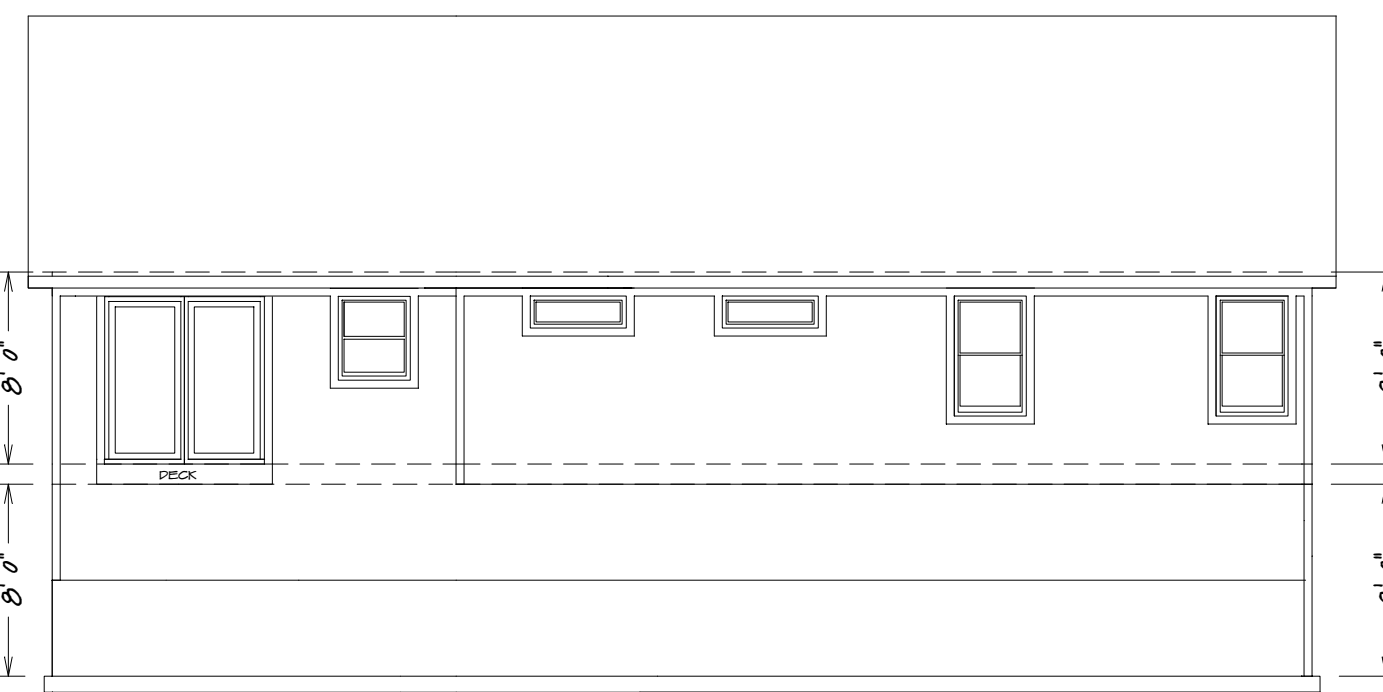
RIGHT ELEVATION

1/8" = 1'0"



LEFT ELEVATION

1/8" = 1'0"



REAR ELEVATION

1/8" = 1'0"

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. 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 RESEMBLANCES 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. SE-5036
 FILE NAME 5036FRNT

SHEET NO. 1
 APPROX SQ.FT.

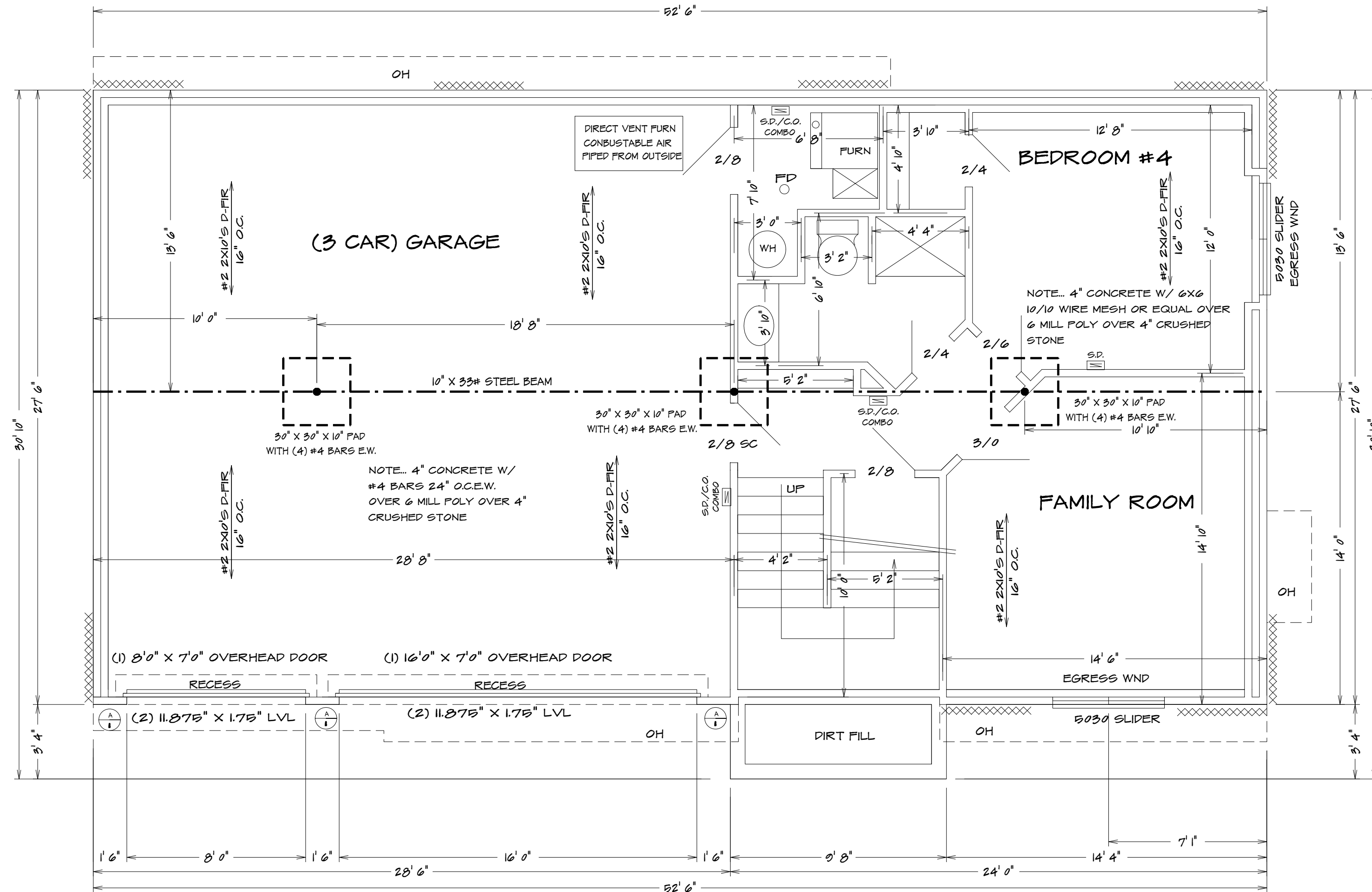
SEE ELEVATION FOR
WALL HEIGHTS

NOTE... ELECTRICAL SERVICE
TO BE 200 AMP.

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

S.D.
= SMOKE DETECTOR

F
= EXHAUST FAN (MIN. 90 cfm)



BASEMENT PLAN

1/4" = 1'0"

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)

HOME BUYER:	PHONE:	DATE DRAWN:	PLAN NO.	SHEET NO.
BUILDER:	PHONE:	DATE REVISED:	SE-5036	2
SUB-DIVISION:	LOT NO.	DESIGNER:	FILE NAME	APPROX SQ.FT.
			R03065MT	

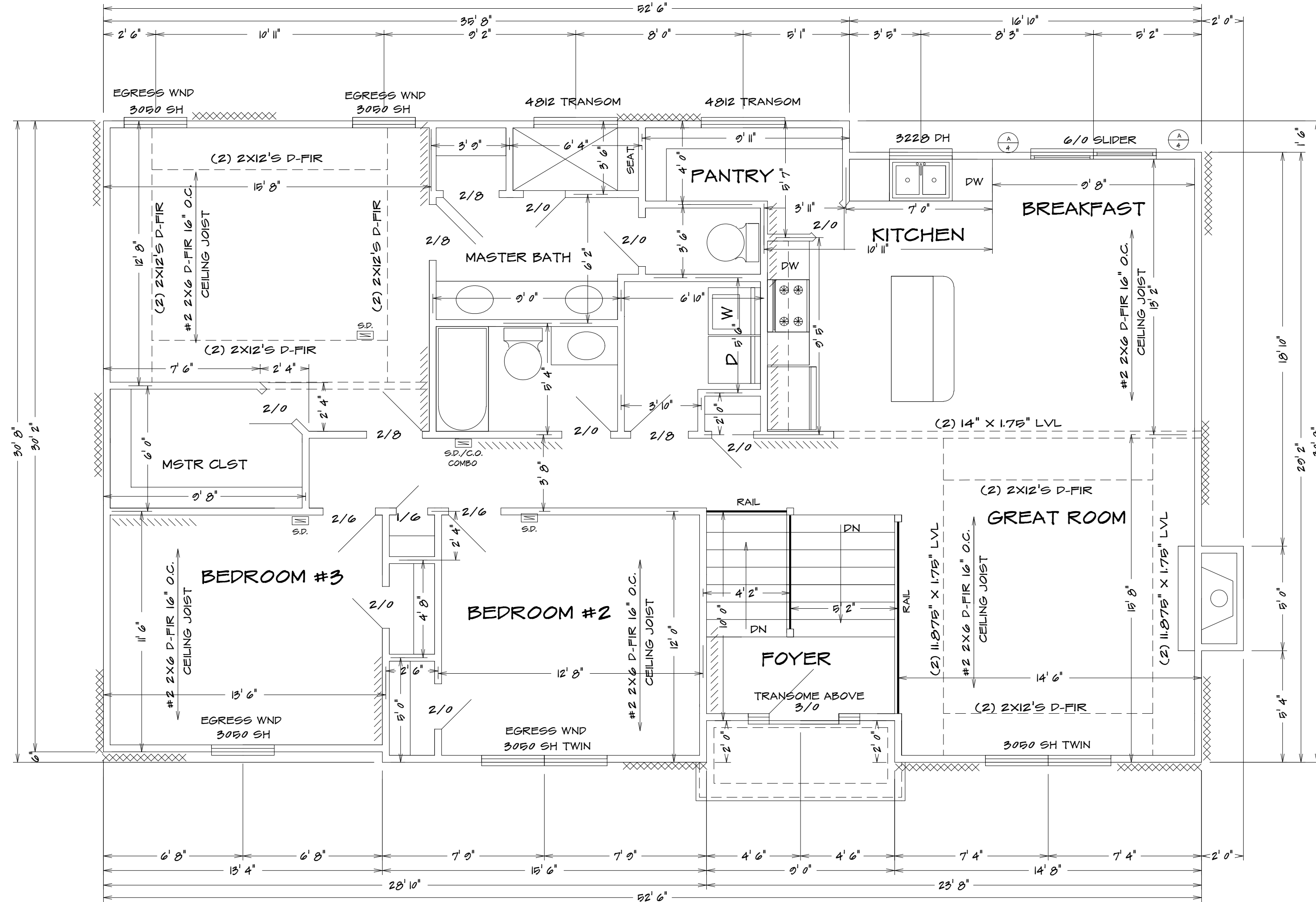
BUILDER/CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS FOR ACCURACY BETWEEN FLOORS, FOUNDATION, AND ELEVATIONS. ALSO VERIFY ALL BEAM, HEADERS, PAD LOCATIONS, AND COLUMN SIZES. BUILDER/CONTRACTOR TO CHECK FOR COMPLIANCE WITH CONTRACTS, CITY, AND NATIONAL CODES. BUILDER/CONTRACTOR ACCEPTS ALL RESPONSIBILITY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

SEE ELEVATION FOR
WALL HEIGHTS

NOTE. ELECTRICAL SERVICE
TO BE 200 AMP.

NOTE. DOUBLE JOIST UNDER
ALL PARALLEL WALLS
ABOVE UNLESS NOTED

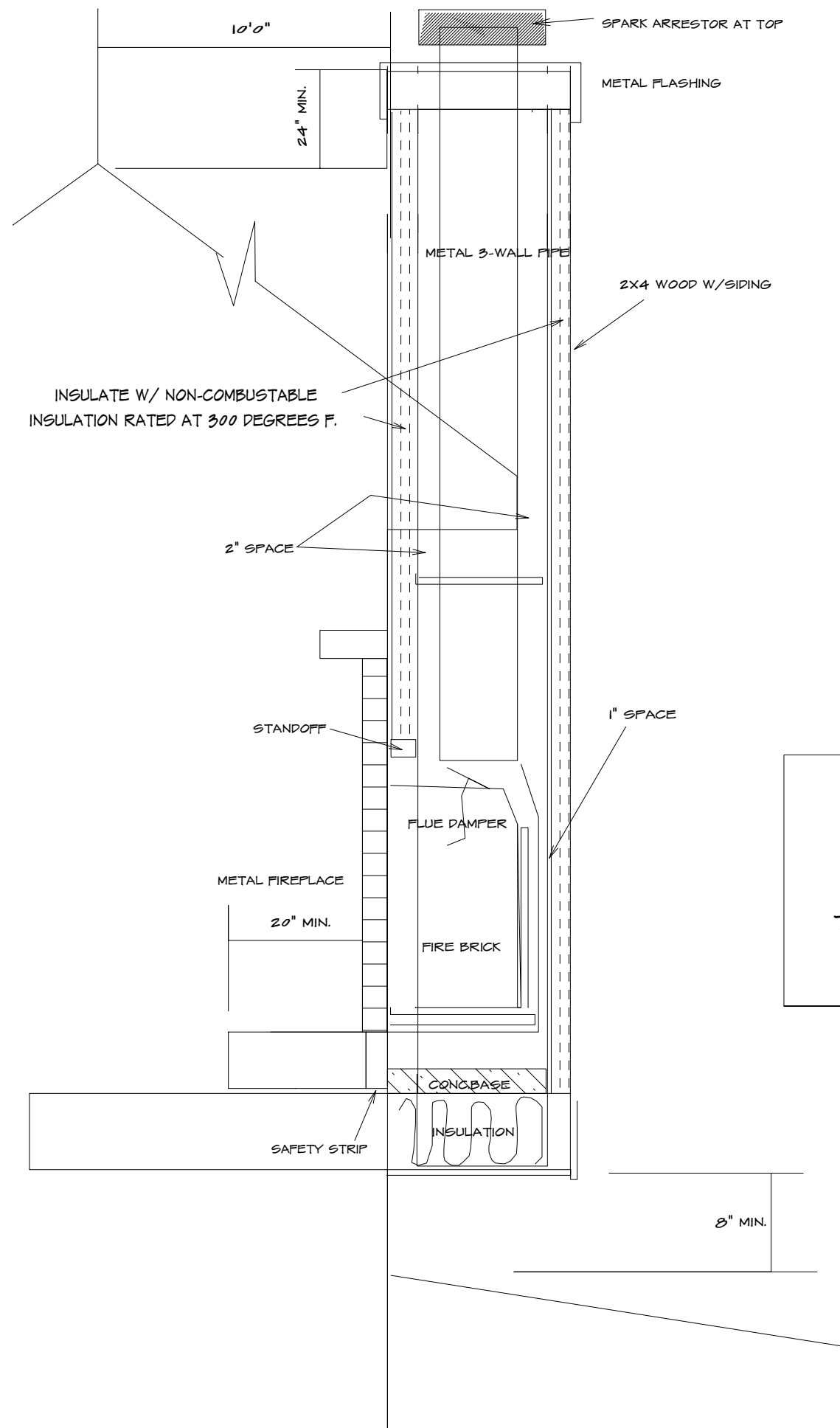
S.D.
= SMOKE DETECTOR
F
= EXHAUST FAN (MIN. 80 cfm)



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

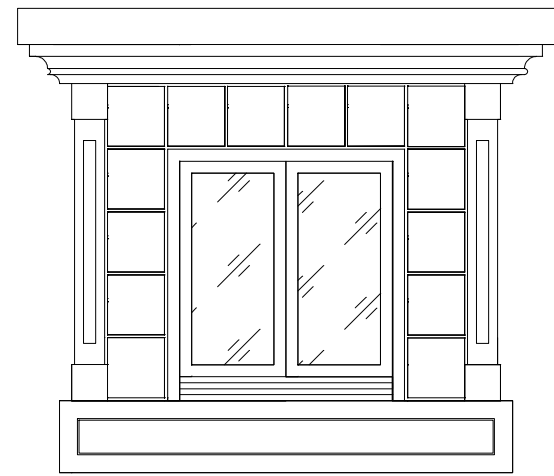
PLAN NO.	SE-9096	SHEET NO.	3
FILE NAME	9096.FLR	APPROX SQ.FT.	
DATE DRAWN:		PHONE:	
DATE REVISED:		PHONE:	
DESIGNER:		LOT NO.	
HOME BUYER:			
BUILDER:			
SUB-DIVISION:			

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. 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 RESEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

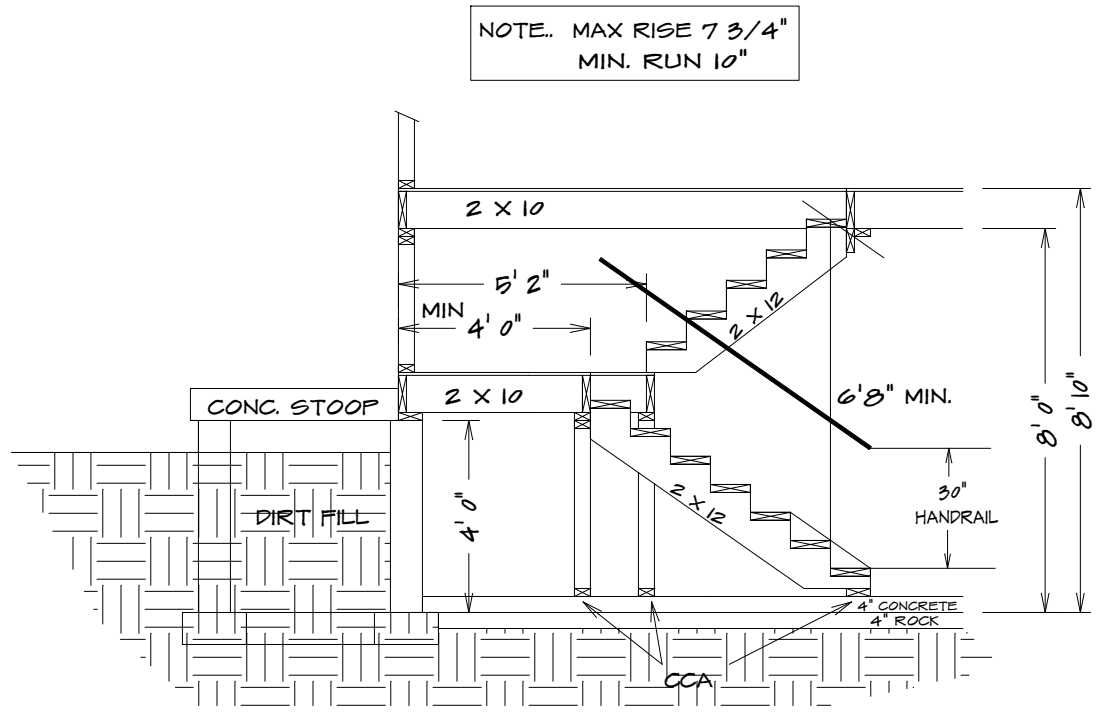


TYPICAL METAL FIRE PLACE

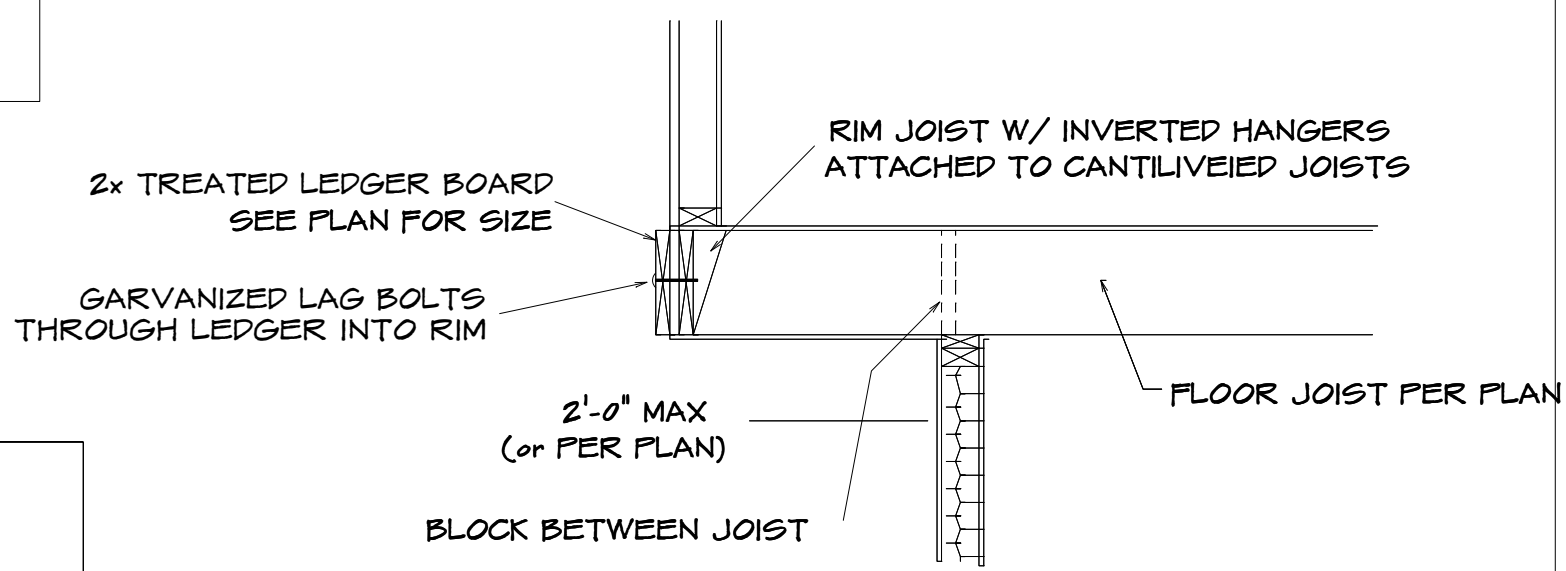
NOTE...SEE SPECS FOR SPECIFIC APPLICATIONS.



TYPICAL F.P. FRONT

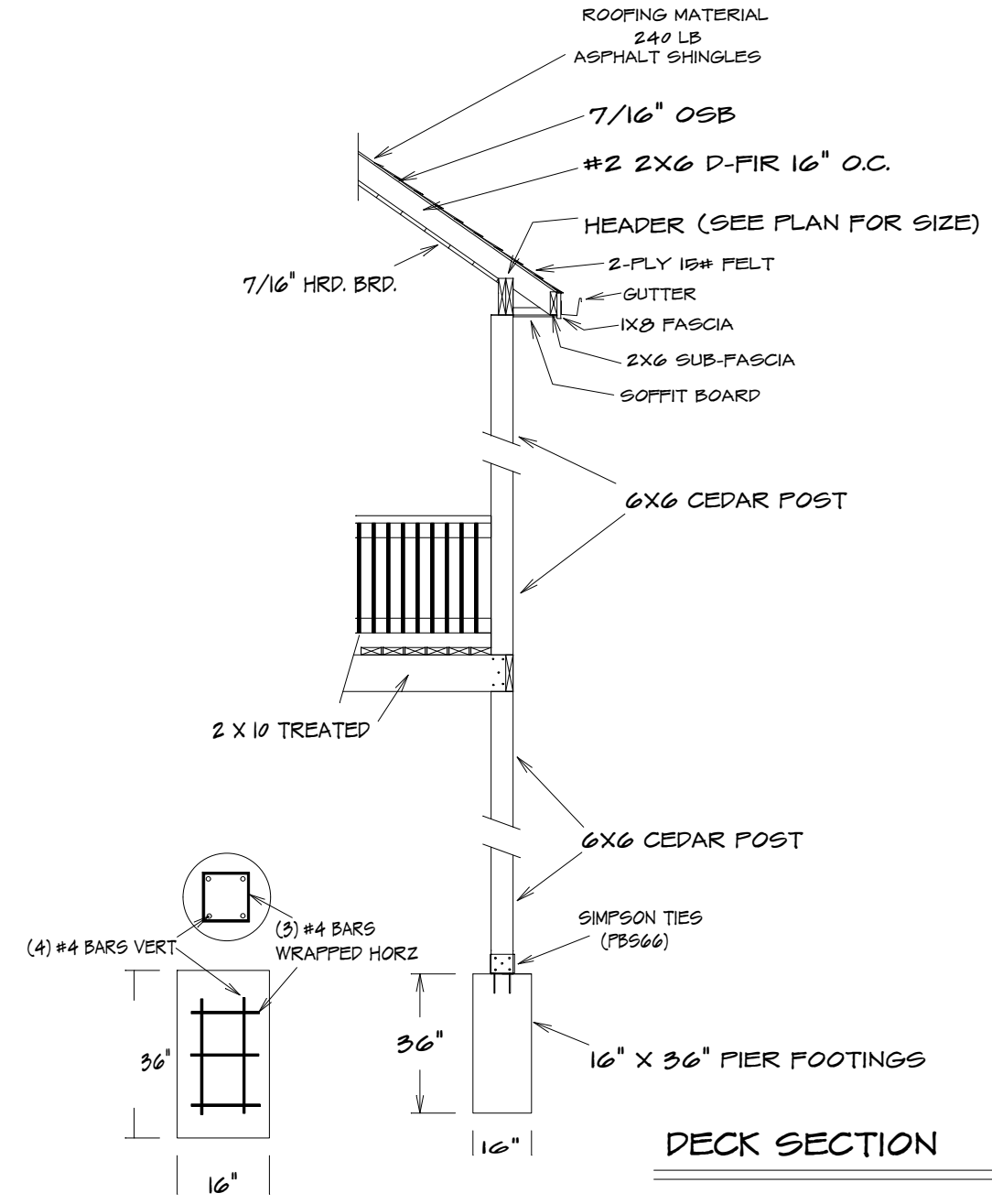


STAIR SECTION (TYP)

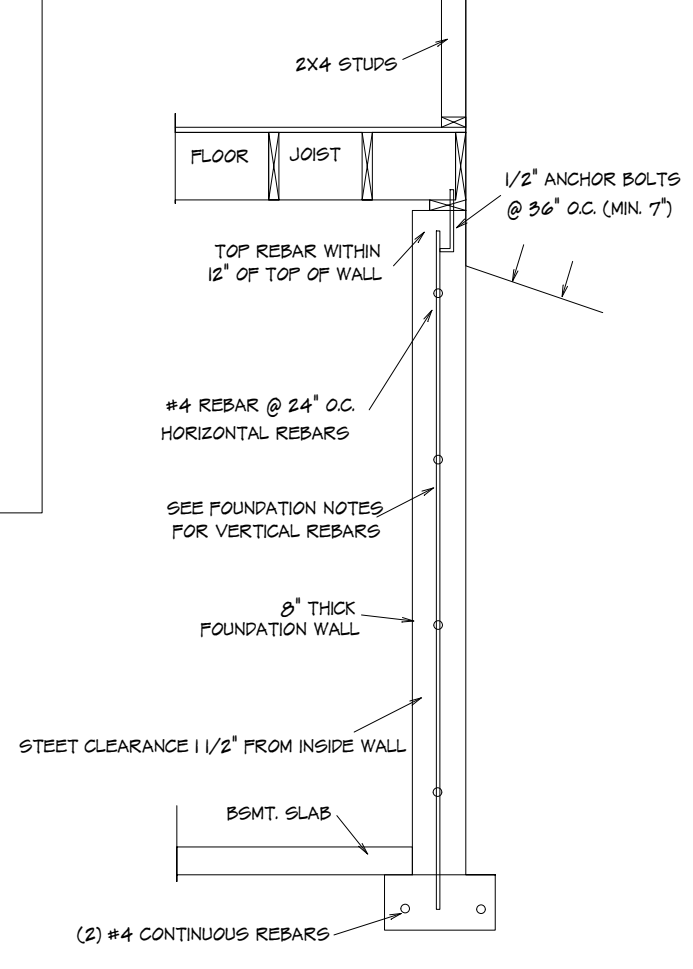


TYPICAL CANTILEVER FRAMING W/ DECK ATTACHMENT

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



DECK SECTION



TYPICAL FOUNDATION WALL

REQUIRED FOOTING:

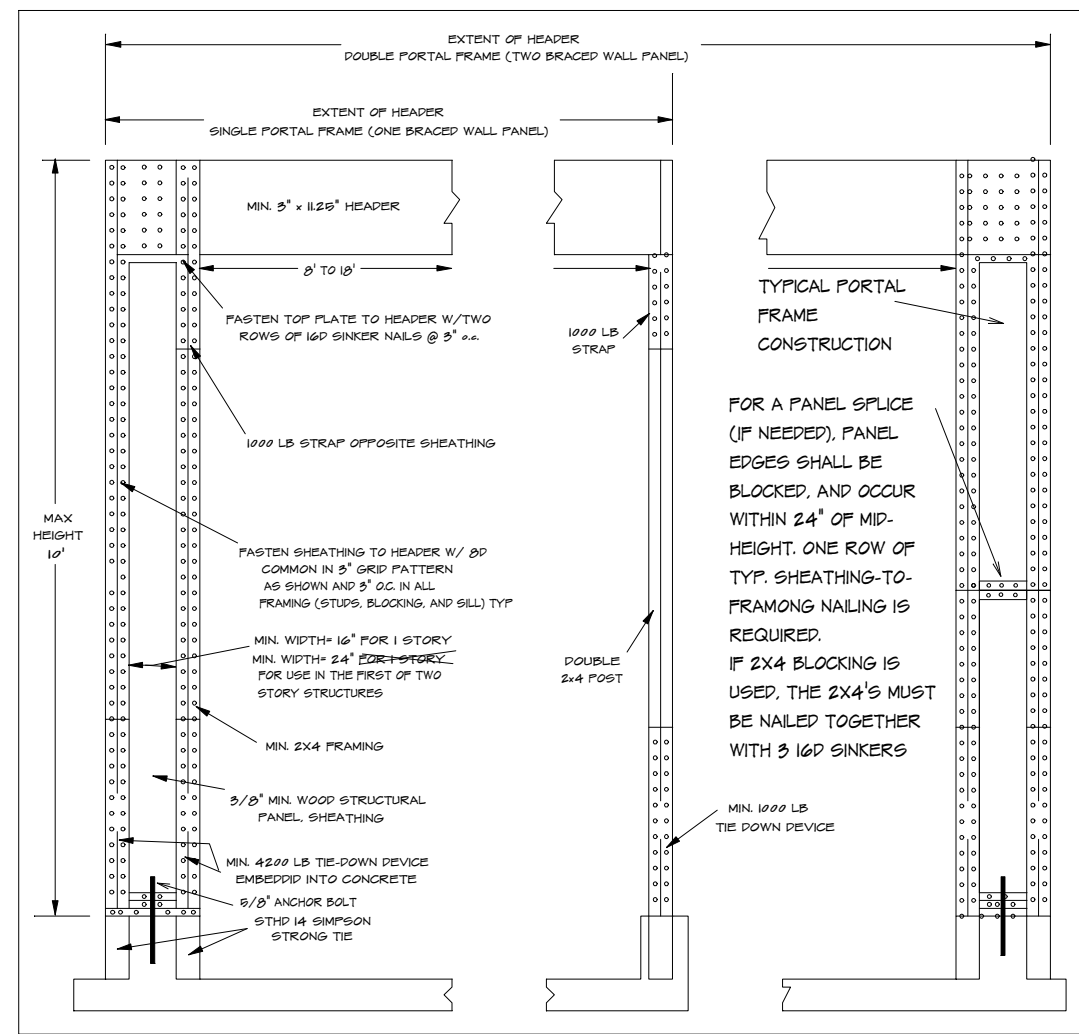
BUILDING HEIGHT	MINIMUM FOOTING	HORIZONTAL REBAR	LOCATION OF REBAR
1 OR 2 STY.	8" T x 16" W	2-#4	3" FROM BTM.
3 STORY	8" T x 24" W	2-#4	3" FROM BTM.
ACC. STR.	8" T x 12" W	2-#4	3" FROM BTM.

Table No. R-5022
MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE

TYPE OR LOCATION OF CONCRETE CONSTRUCTION	SPECIFIED COMPRESSIVE STRENGTH (f' _c)		
	Non-slab	Slab	Beams
Basement walls and foundations not exposed to the weather	2,500	2,500	2,500
Basement slabs and interior exterior grade, except garage floor slabs	2,500	2,500	2,500
Basement walls, foundation walls, exterior walls, and other vertical concrete work exposed to the weather	2,500	2,500 ¹	2,500 ¹
Porches, support slabs and steps exposed to the weather, and garage floor slabs	2,500	2,500 ¹	2,500 ¹

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. 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 RESEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

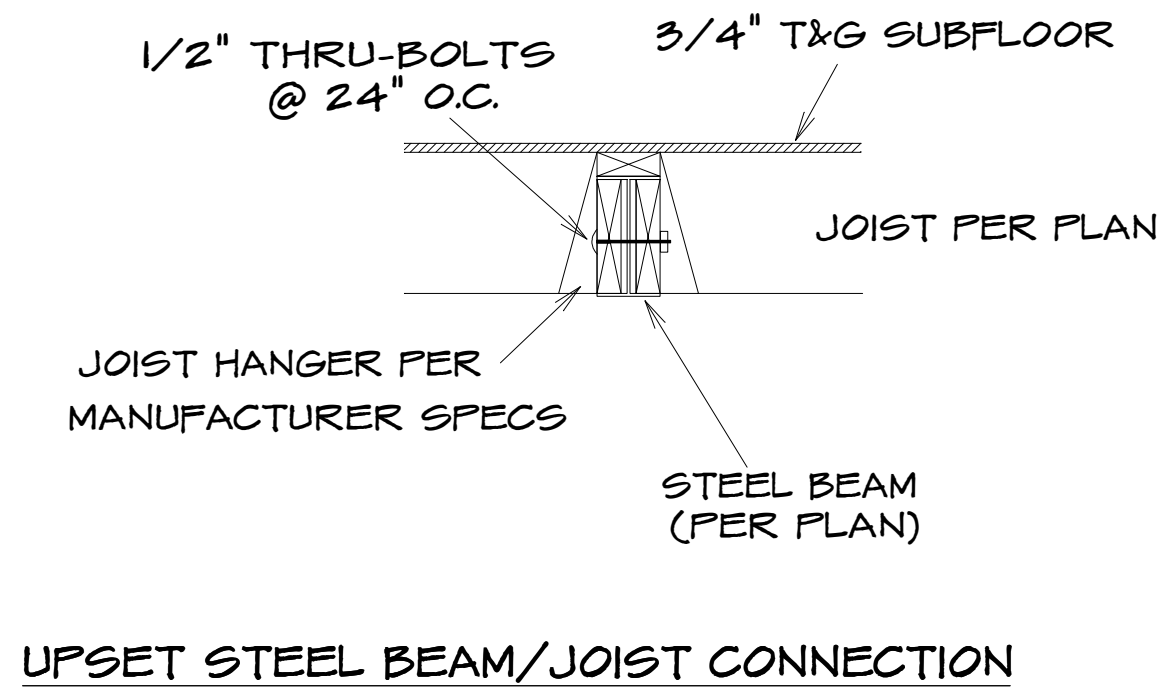
SHEET NO.	4
PLAN NO.	SE-5036
FILE NAME:	B036SEC1
DATE DRAWN:	
DATE REVISED:	
DESIGNER:	
PHONE:	
PHONE:	
LOT NO.	
HOME BUYER:	
BUILDER:	
SUB-DIVISION:	



ALTERNATE BRACED WALL PANEL (APB3)

BRACED WALLS:

- METHOD WSP (R602.10.2 2012 IRC):
MIN. 5/16" AFA RATED WITH 8d NAILS @ 6" AND 12"
 - /////// METHOD GB (R602.10.2 2012 IRC):
MIN. 1/2" GYPSUM BOARD WITH NO. 6 1-1/4" TIE W OR S SCREWS @ 7" O.C. EDGES AND WALL (4'-0" LONG, BOTH FACES OF WALL)
 - (A 1) ALTERNATE BRACED WALL PANEL
R602.10.3.3 Method PFF: Portal frame with hold-downs
 - (A 2) ALTERNATE BRACED WALL PANEL.
R602.10.3.4 Method PFG: at garage door openings in Seismic Design Categories A, B and C
 - (A 3) ALTERNATE BRACED WALL PANEL.
R602.10.3.2 Method ABW: Alternate braced wall panels
 - (A 4) ALTERNATE BRACED WALL PANEL.
R602.10.4.4 Method CS-PF: Continuously sheathed portal frame
2. 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 (OR PARALLEL FRAMING MEMBER WHERE PROVIDED) WITH (3) 16d NAILS @ 16" O.C.
 3. SIMPSON 5THD-14 HOLD-DOWN STRAPS MAY BE SUBSTITUTED WITH SIMPSON PHD2 HOLD-DOWNS AND A 5/8" ANCHOR ROD DRILLED AND EPOXIED A MIN. 7" INTO THE FOUNDATION



UPSET STEEL BEAM/JOIST CONNECTION

FOUNDATION NOTES:

FND WALL REINFORCEMENT (CLASS 60 SOL. EXCEPT FOR RARE CIRCUMSTANCES)

0' WALL W/ 8' BACKFILL VERT. #4 REBARS @ 16" O.C.
 0' WALL W/ 7' BACKFILL VERT. #4 REBARS @ 21" O.C.
 0' WALL W/ 7' BACKFILL VERT. #4 REBARS @ 24" O.C.
 0' WALL W/ 6' BACKFILL VERT. #4 REBARS @ 36" O.C.
 HORIZ #4 REBARS @ 24" O.C.

8' X 4'0" CONCRETE WALL WITH (3) #4 REBARS HORIZ AND WITH #4 REBARS @ 24" O.C. VERTICALLY SET ON A 16" X 8" CONCRETE FOOTER WITH (2) #4 REBARS CONTINUOUS.
 CONCRETE FLOOR - 4" CONCRETE ON 4" CRUSHED ROCK.

CONCRETE GARAGE FLOOR - 4" CONCRETE ON 4" CRUSHED ROCK WITH 6X6 10/10 WIRE MESH.

COLUMN FOOTING FOR MIN. SOIL LOAD OF 1500 PSF

3'0" X 3'0" X 10" CONCRETE PADS WITH (4) #4 REBARS EACH WAY
 CONCRETE GRADE PADS - 16" X 8" WITH (2) #4 REBARS CONTINUOUS.

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 (3 FEET) FOR TEN-INCH WALL.

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. CONTINUOUS.
 #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 APPROVED DRAINAGE SYSTEM.
 GRAVEL OR CRUSHED STONE DRAINS 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 MEMBRANE MATERIAL. THE TOP OF OPEN JOINTS OF DRAIN TILES SHALL BE PROTECTED WITH STRIPS OF BUILDING PAPER, AND DRAINAGE TILES OR PERFORATED PIPE SHALL BE PLACED ON A MINIMUM OF 2 INCHES OF WASHED GRAVEL OR CRUSHED ROCK AT LEAST ONE SIEVE SIZE LARGER THAN THE TILE JOINT OPENING OR PERFORATION AND COVERED WITH NOT LESS THAN 6 INCHES OF THE SAME MATERIAL.

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 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

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 5/8" TYPE X GYPSUM THROUGHOUT
4. THE H-FRAM SHALL CONSIST OF 2X6 FRAMING

GLAZING

GLAZING IN HAZARDOUS LOCATIONS AS IDENTIFIED IN IRC SECTION R308.4 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 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 ENCLLOSURES FOR SPAS, TUBS, SHOWERS, AND WHIRLPOOLS; GLAZING IN FIXED OR OPENABLE PANELS EXCEEDING 0 SQ. FT. AND WHOSE BOTTEM EDGE IS LESS THAN 18" ABOVE THE FLOOR OR WALKING SURFACE WITH IN 36"

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 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.

FRAMING NOTE

1. ALL LUMBER SIZES ARE FOR D-FIR-LARCH
2. ALL HEADERS TO BE MIN (2) #2-2X10
3. BLOCK CANTILEVERS, DOOR JAMBS, AND OVER BEAMS
4. ALL HEADERS TO BEAR ON MIN. OF (2) 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 20 P.S.F. ROOF SNOW LOAD (MIN)
10. MIN 20 YR. 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. 802.3

SMOKE ALARMS:

2012 IRC SECTION R-313.0
 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 R308-4)

INSULATION NOTES:

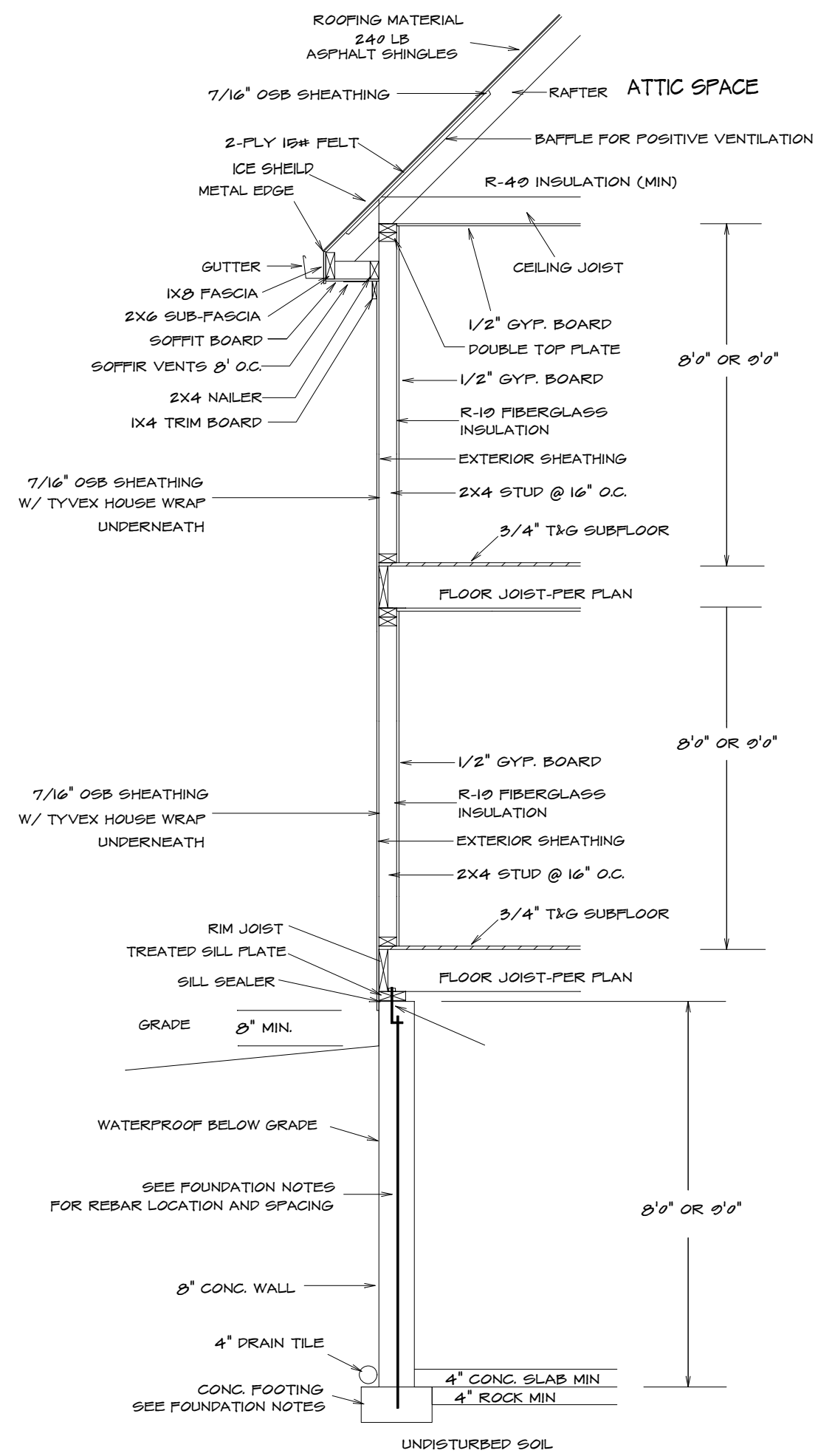
2012 IRC TABLE N102.1.1
 MIN. INSULATION SHALL BE PROVIDED ADJACENT TO HABITABLE AREAS AS FOLLOWS:

2X4 EXTERIOR FRAMED WALLS	R10
FLOOR OVER HEATED SPACE	R10
FLOOR OVER OUTSIDE AIR	R10
ATTIC - BLOWN IN	R40
CATHEDRAL CEILING	R30

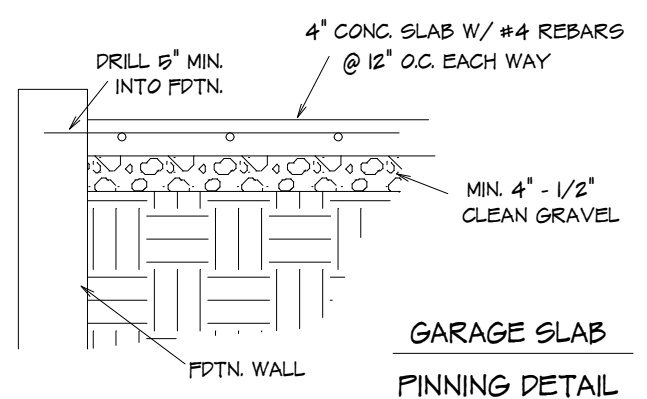
TYPICAL FRAMING DETAILS (Not to Scale)

SHEET NO.	5
PLAN NO.	SE-1036
FILE NAME:	E036SEC2
APPROX. SQFT.	
DATE DRAWN:	
DATE REVISED:	
DESIGNER:	
PHONE:	
PHONE:	
LOT NO.	
HOME BUYER:	
BUILDER:	
SUB-DIVISION:	

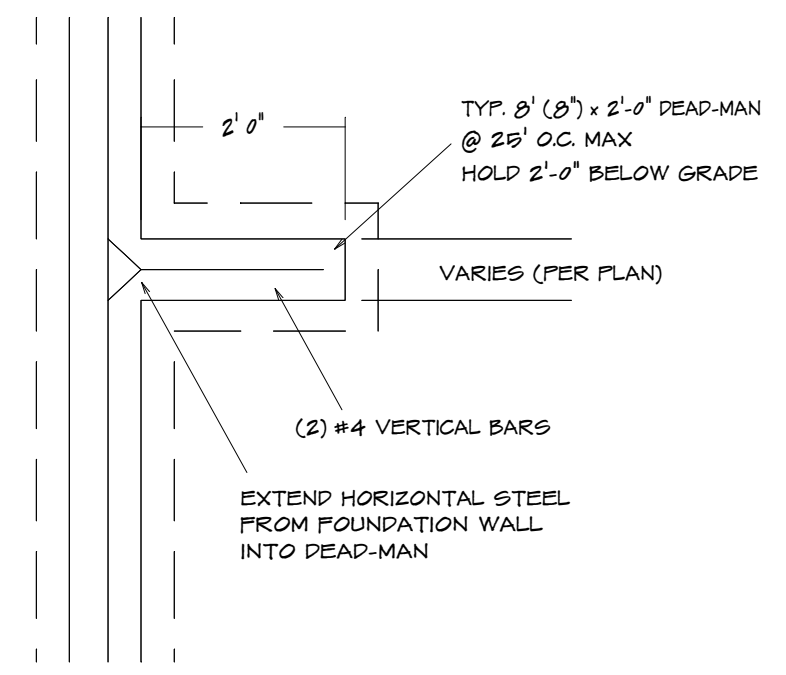
BUILDER/CONTRACTOR IS RESPONSIBLE TO CHECK ALL DIMENSIONS FOR ACCURACY BETWEEN FLOORS, FOUNDATION, AND ELEVATIONS; ALSO VERIFY ALL BEAM, HEADERS, PAD LOCATIONS, AND COLUMN SIZES. BUILDER/CONTRACTOR TO CHECK FOR COMPLIANCE WITH CONTRACTS, CITY, AND NATIONAL CODES. BUILDER/CONTRACTOR ACCEPTS ALL RESPONSIBILITY FOR LOT PLACEMENT, SET-BACKS, AND FLOOD PLANS. BUILDER/CONTRACTOR AND HOME OWNER ACCEPTS RESPONSIBILITY FOR ANY AND ALL COPYRIGHT INFRINGEMENTS OR RESEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER/CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.



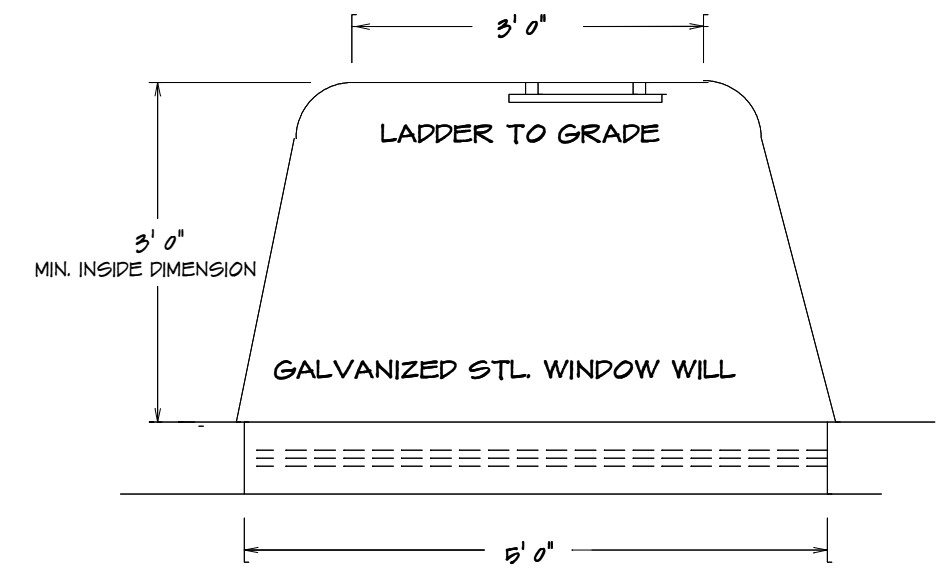
TYPICAL WALL SECTION



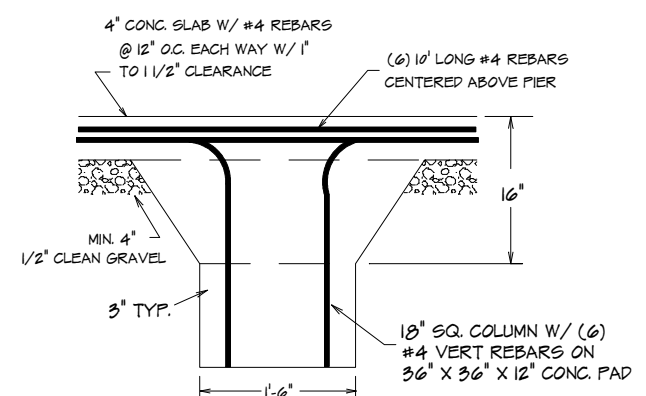
GARAGE SLAB PINNING DETAIL



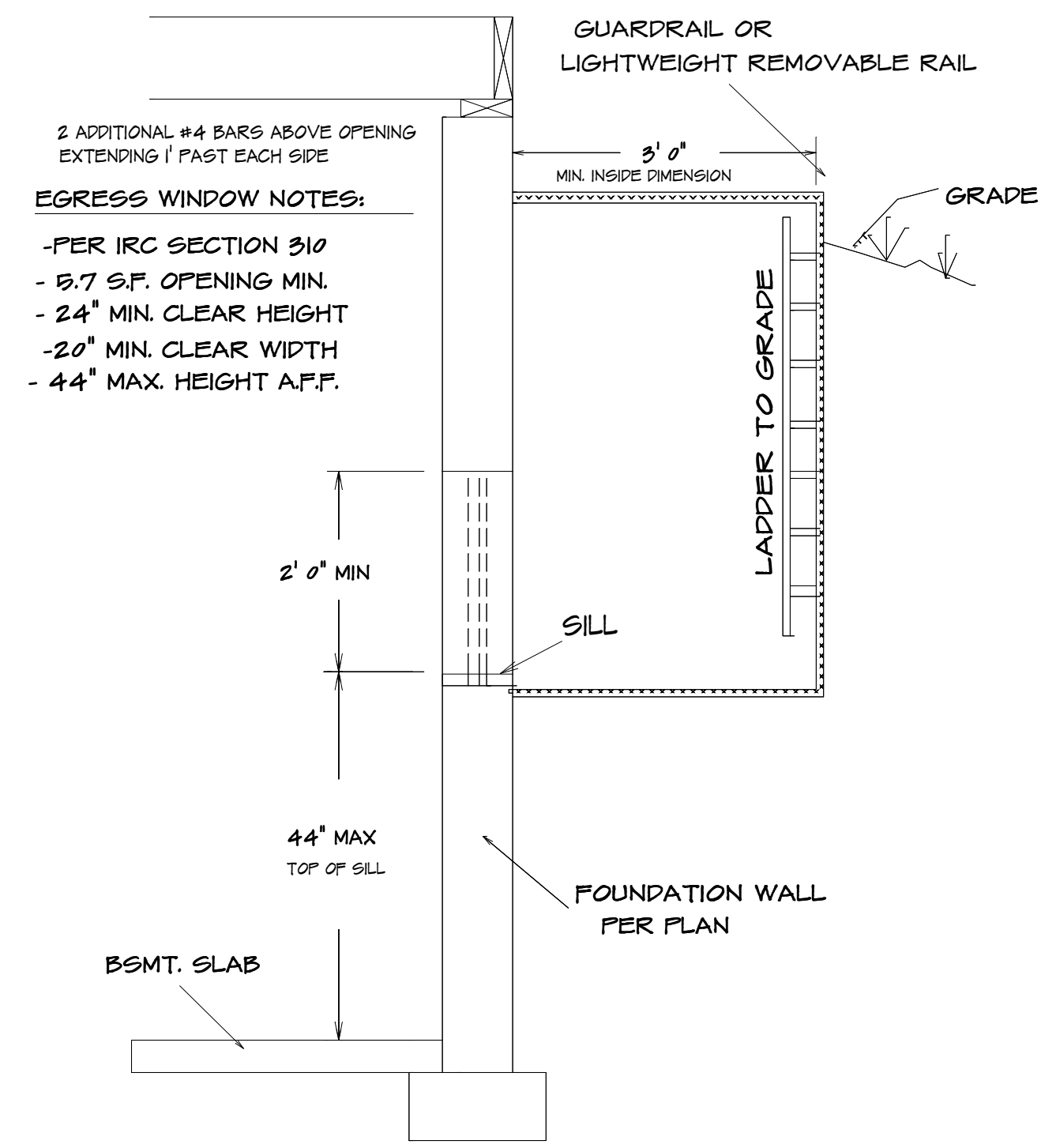
TYPICAL DEAD-MAN SECTION



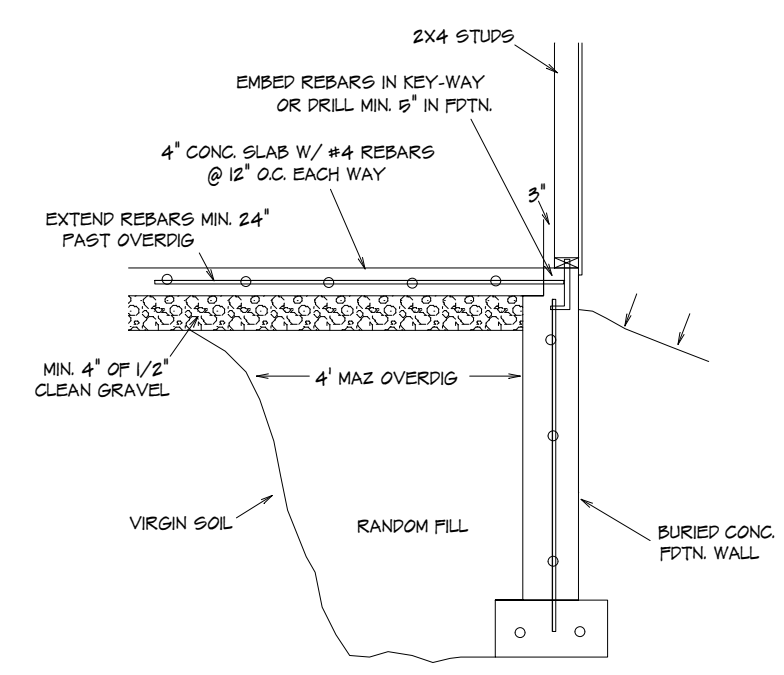
TYPICAL EGRESS WINDOW PLAN SECTION



STRUCTURAL GARAGE SLAB PIER PAD DETAIL



TYPICAL EGRESS WINDOW SECTION DETAIL



TYPICAL OVERDIG @ SLAB

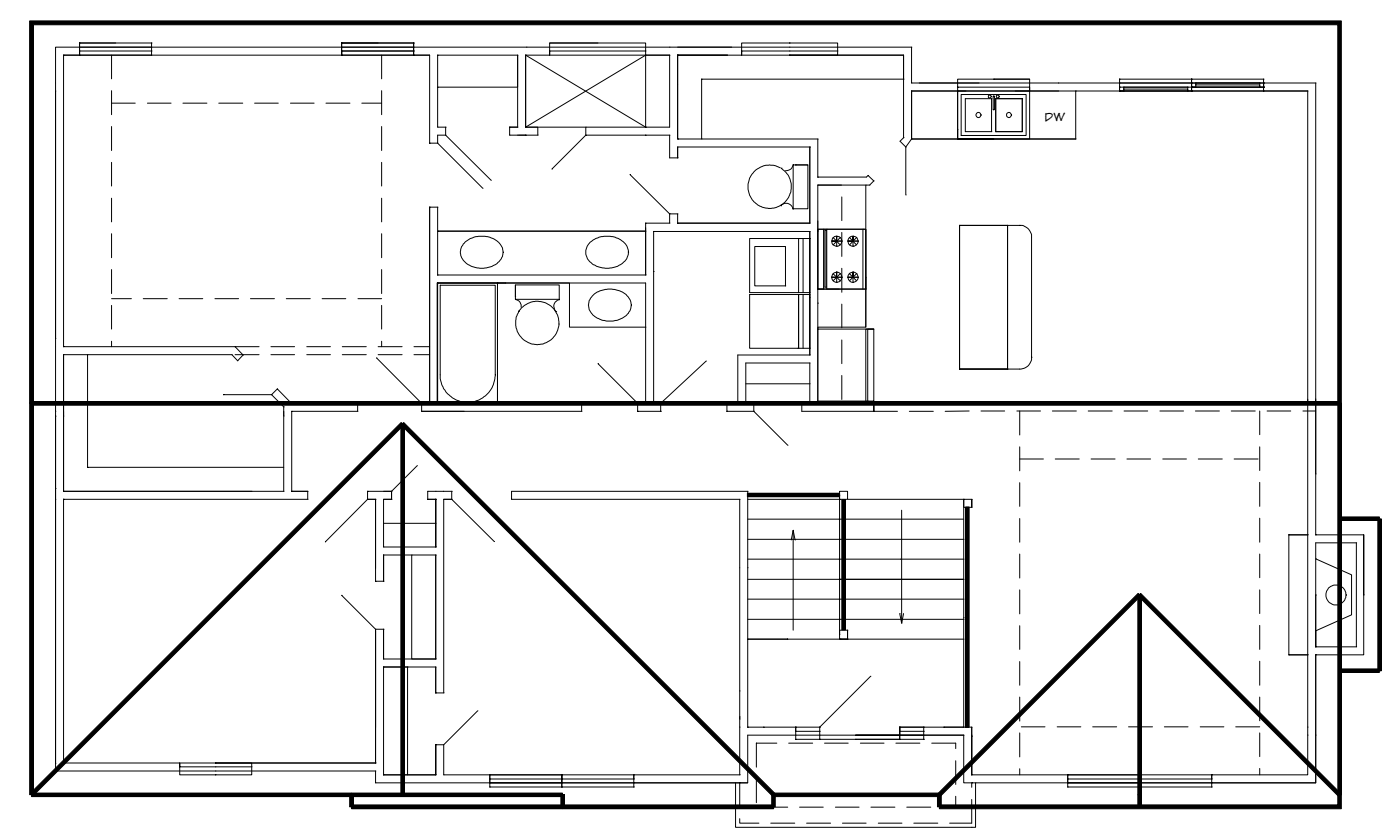
EGRESS WINDOW NOTES:
 - PER IRC SECTION 310
 - 5.7 S.F. OPENING MIN.
 - 24\"/>

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. 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 RESEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER@CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

HOME BUYER:	DATE DRAWN:	SHEET NO. 6
BUILDER:	DATE REVISED:	PLAN NO. SE-0036
SUB-DIVISION:	DESIGNER:	FILE NAME: 0036SECS
PHONE:	PHONE:	APPROX. SQFT.
PHONE:	LOT NO.	

HOME BUYER:	PHONE:	DATE DRAWN:	SHEET NO.
BUILDER:	PHONE:	DATE REVISED:	7
SUB-DIVISION:	LOT NO.	DESIGNER:	APPROX. SQFT.
			8036SECA
			SE-8036
			FILE NAME:

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. 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 RESEMBLANCES TO OTHER COPYRIGHTED PLANS. BUILDER@CONTRACTOR ACCEPTS RESPONSIBILITY FOR ANY ON SITE CHANGES MADE TO STRUCTURE.

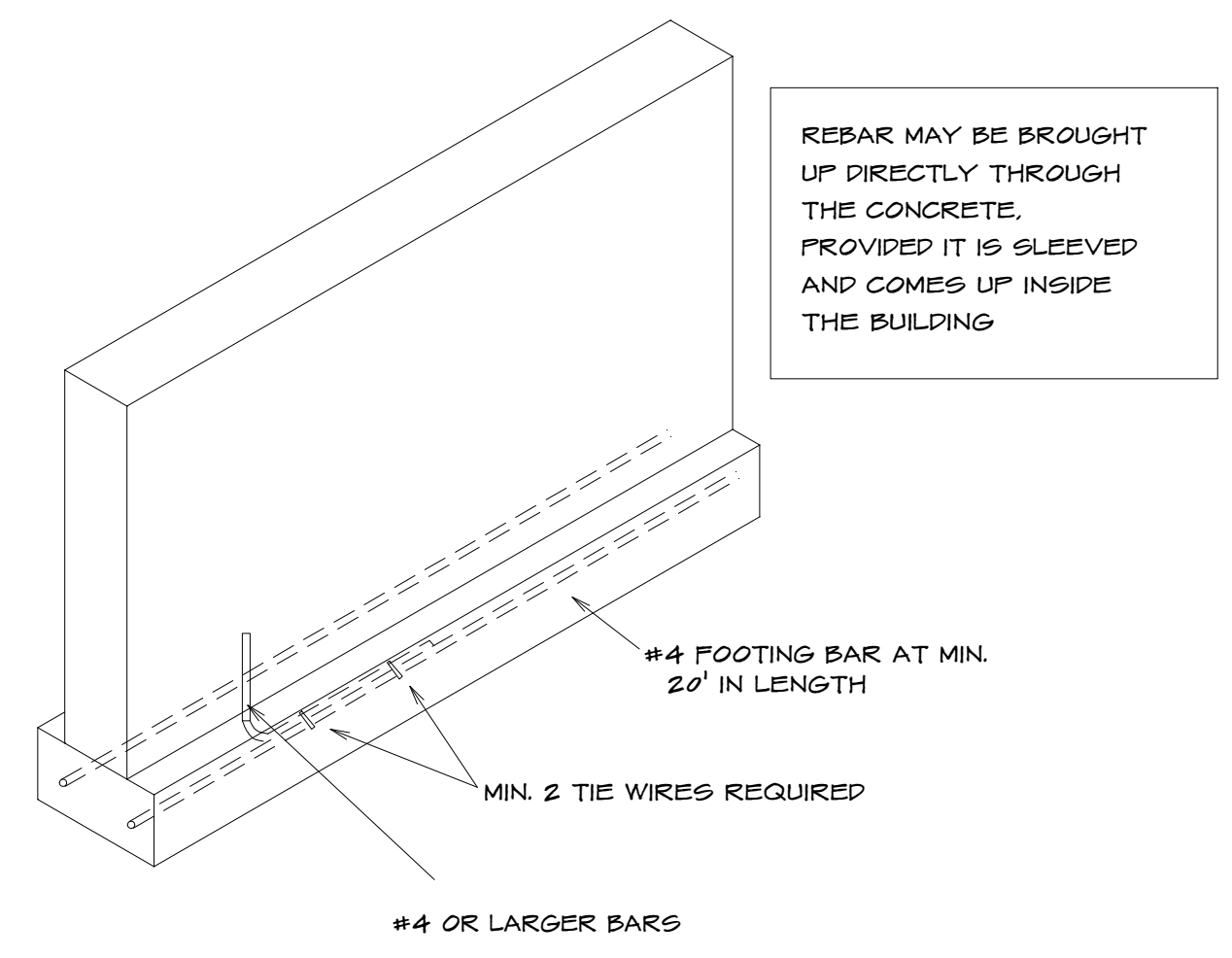


ROOF ELEVATION

1/8" = 1'0"

ALL RAFTERS TO BE #2 2X6 D-FIR 16" O.C. UNLESS OTHER WISE NOTED
 PURLING RAFTERS TO BEARING WALL LINES
 CONNECT RAFTERS TO CEILING JOIST W (4) 16d GALV. NAILS
 CONNECT RAFTERS TO RIDGE, VALLEY, AND HIP RIDGE WITH (4) 16d GALV. NAILS

NOTE... HIP RIDGE FOR THE MAIN ROOF AS:
 2X8 FOR UNBRACED LENGTH UP TO 9'0"
 2X10 FOR UNBRACED LENGTH UP TO 10'0"
 2X12 FOR UNBRACED LENGTH UP TO 12'0"

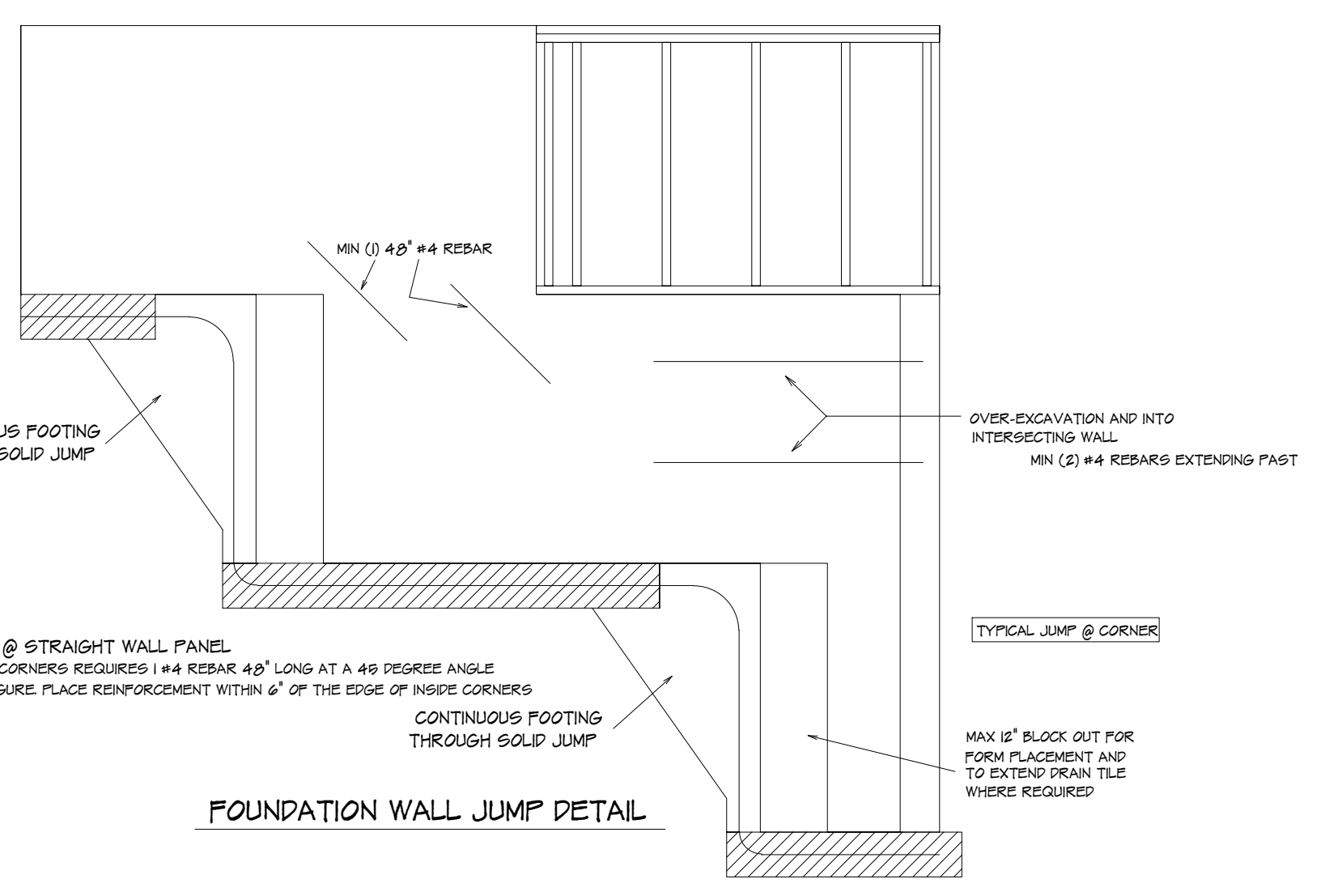


REBAR MAY BE BROUGHT UP DIRECTLY THROUGH THE CONCRETE, PROVIDED IT IS SLEEVED AND COMES UP INSIDE THE BUILDING

UFER GROUNDING SECTION

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



FOUNDATION WALL JUMP DETAIL