

DRAWN BY:	B.B.
DATE:	08-18-25
SQ. FT.	NOTED
JOB NUM.	2514549
SCALE:	NOTED
SHEET:	OF

1/4"=1'0" 18x24

These drawings have been prepared using information provided by the customer/contractor who is solely responsible for the accuracy of the information provided. The drawings are not a substitute for permit drawings prepared by a contractor or architect and may not meet the requirements of applicable codes and standards. Before starting construction, the customer should consult a contractor or architect to determine if the drawings need to be changed to satisfy: 1.) state or local building codes and practices; 2.) project specific requirements; 3.) project or site specific requirements. We assume no responsibility for claims or damages arising from errors, omissions, deficiencies, improper construction, or defects of the drawings.

Customer/Contractor Signature

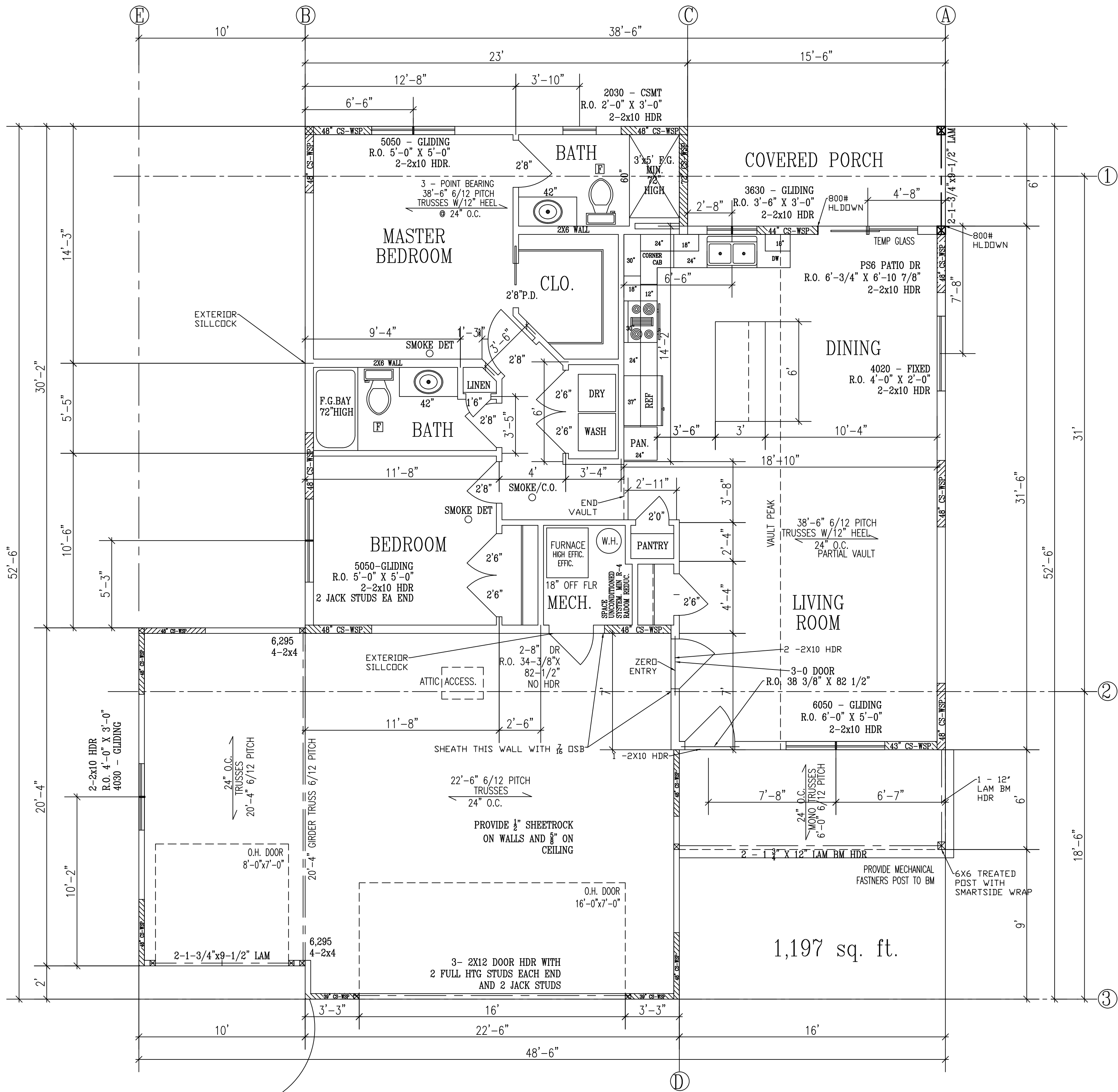
PROGRESSIVE PLAN
DESIGN LLP

DESIGN FOR RESIDENTIAL ARCHITECTURE

RESIDENTIAL ANCHORAGE
(507) 775-6677

714 COUNTY RD. 3 N.W. BYRON MN, 55920

progressiveplandesign@gmail.com



800 LBS. CAPACITY FASTENED TO THE
EDGE OF THE BRACED WALL PANEL
CLOSEST TO THE CORNER AND TO THE
FOUNDATION OR FLOOR FRAMING BELOW

SINGLE FULL HTG
STUDS ON ALL WINDOW
AND DOOR OPENINGS
UNLESS NOTED

SINGLE JACK STUDS ON
ALL WINDOW AND DOOR
OPENINGS UNLESS NOTED

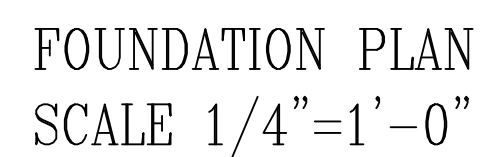
MAIN FLOOR PLAN
SCALE 1/4"=1'-0"

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CONTRACTOR: BIGELOW HOMES
OWNER: OSCAR MEADOWS MOD. #7-5

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CONTRACTOR:	BIGELOW HOMES
OWNER:	OSCAR MEADOWS MOD. #7-5

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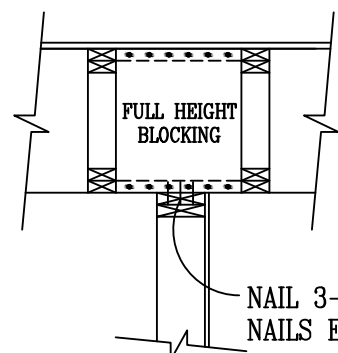
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BRACED PANEL LENGTH TABLE BASED ON WIND SPEED (<115mph)					* ADJUSTMENT CALCULATION EXAMPLE				
BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	REQUIRED BRACING LENGTH		REQUIRED BRACING LENGTH	
						WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	ROOF TO WALL TOTAL	NUMBER BRACED WALL LINES
①	CS-WSP	31 FT.	4.7'	1.0	1.0	0.90	1.3	5.5'	11.7'
②	CS-WSP	31 FT.	4.7	1.0	1.0	0.90	1.3	5.5'	11.6'
③	CS-WSP	19 FT.	3.35'	1.0	1.0	0.95	1.3	4.14'	6.5'

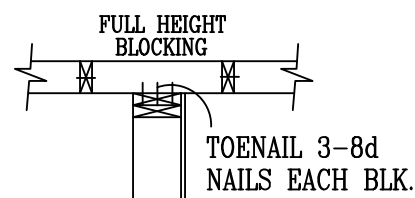
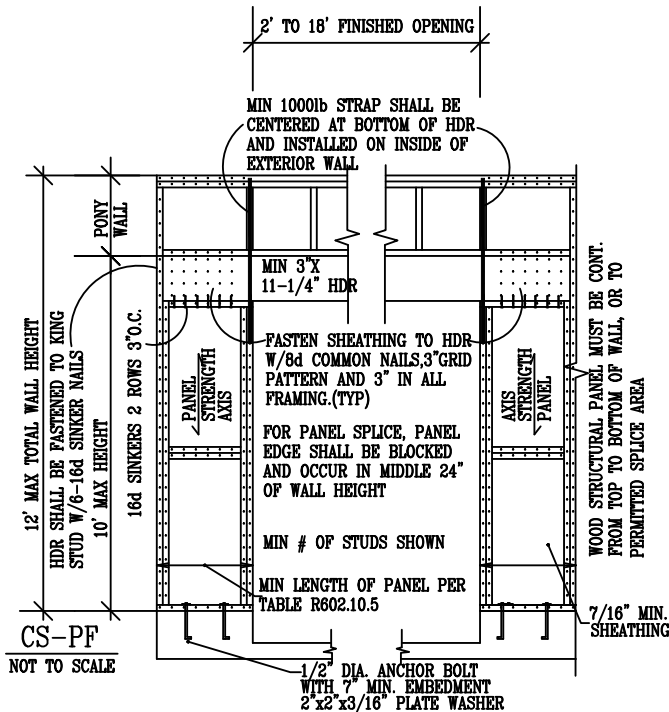
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BRACED WALL LINE	BRACING METHOD TABLE R602.10.4.1	BRACED WALL LINE SPACING	REQUIRED BRACING LENGTH (FEET)	EXPOSURE FACTOR CONDITION	ROOF TO EAVE TOTAL	WALL HEIGHT TOTAL	NUMBER BRACED WALL LINES	REQUIRED BRACING LENGTH (FEET)	PROVIDED BRACING LENGTH
(A)	CS-WSP	39 FT.	5.85	1.0	1.0	0.90	1.60	8.42'	12.0'
(B)	CS-WSP	39 FT.	5.85	1.0	1.0	0.90	1.60	8.42'	16.0'
(C)	CS-WSP	23 FT.	3.8'	1.0	1.0	0.90	1.60	5.47'	6.0'
(D)	CS-WSP	23 FT.	3.8'	1.0	1.0	0.90	1.60	5.47'	8.0'
(E)	CS-WSP	32.5 FT.	4.88'	1.0	1.0	0.95	1.60	7.42'	12.0'

1. ALL WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANELS
2. CS-WSP ON PLANS INDICATE AREAS OF BRACED PANELS
3. BRACED PANELS SHALL BE CONSTRUCTED WITH 16" O.C. STUDS. TOP PLATE FASTENED TO SOLID FRAMING WITH 8d NAILS 6" O.C.
4. BOTTOM PLATES FASTENED TO SOLID FRAMING W/ 3-16d NAILS 16"O.C.
5. 7/16" OSB SHEATHING (24/16 INDEX) FASTENED W/ 8d COMMON NAILS 6"O.C. ON EDGES AND 12" O.C. IN FIELD.
6. SOLID BLOCKING BETWEEN TRUSSES WITH HEEL GREATER THAN 9-1/4" TO WITHIN 2" OF ROOF SHEATHING FASTENED WITH MIN 8d NAILS 6" O.C. ALONG LENGTH OF PANEL
7. 4. ANY OTHER TYPE OF BRACING METHOD SHALL BE INDICATED ON PLAN AND SEPARATE DETAIL WILL BE PROVIDED.

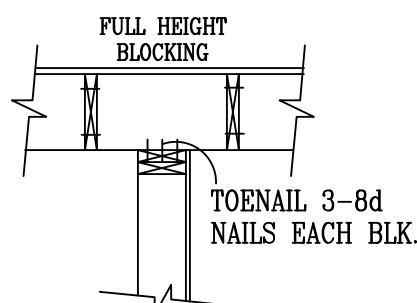
TENSION STRAP CAPACITY FOR WIND PRESSURE REQ. FOR PFH,PG, AND CS-PF					
MIN WALL STUD FRAMING NOMINAL SIZE AND GRADE	MAXIMUM PONY WALL HEIGHT	MAXIMUM TOTAL WALL HEIGHT	MAXIMUM OPENING WIDTH	TENSION STRAP CAP. REQ. 90MPH WIND	
				EXPOSURE B	EXPOSURE C
2X4 NO.2 GRADE	0	10	18	1000	1000
	1	10	9	1000	1000
			16	1000	2325
			18	1200	2725
			9	1000	1550
	2	10	16	2025	3900
			18	2400	DR
			9	1200	2750
	2	12	16	3200	DR
			18	3850	DR
			9	2350	DR
	4	12	16	DR	DR
2X6 STUD GRADE	2	12	9	1000	1750
			16	2050	3550
			18	2450	4100
	4	12	9	1500	2775
			16	3150	DR
			18	3675	DR



- NAIL 3-8d
NAILS EACH BLK.



PARALLEL TOENAIL 8d NAILS AT
6" O.C. ALONG BRACED WALL PANEL



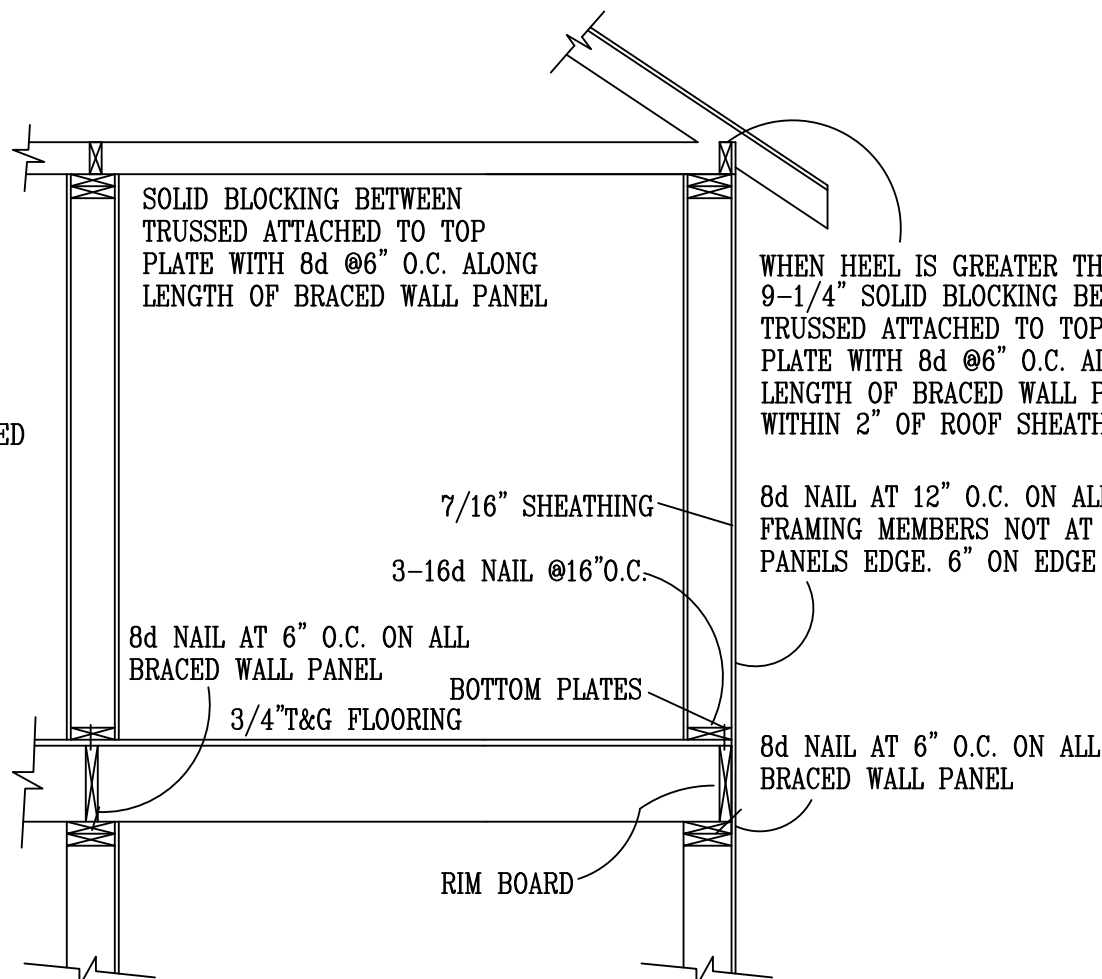
2" MAX OPENING

SOLID BLOCKING BETWEEN TRUSSES, ATTACHED TO PLATES W/ 8D NAILS 6" ALONG LENGTH OF BRACED WALL PANEL SHEATHING W/ 8D NAILS 6" O.C.

4'0" MAX HEEL HEIGHT

BRACED WALL

4'0" MAXIMUM HEEL HEIGHT BRACED WALL PANEL CONNECTION TO PERPENDICULAR TRUSSES



AT EXTERIOR EDGE OF ATTIC INSULATION. A MINIMUM OF 1" OF AIR SPACE SHALL BE PROVIDED BETWEEN INSUL AND SHEATHING.

SEE ELEVATION

12

FOAM AIR CHUTE

• 1:150 MIN. ATTIC VENTILATION

• 7" ENERGY HEEL

CEILING:
5/8" SHEET ROCK
0.1 PERM VAPOR BARRIER
BLOWN INSULATION MIN R-49

SEE ELEVATION

NOTE:
SHEATHING JOINTS WHICH ARE NOT SUPPORTED BY FRAMING MEMBERS MUST BE CAULKED

NOTE:
ALL PENETRATIONS INSTALLED THROUGH THE INTERIOR AIR BARRIER MUST BE SEALED PRIOR TO THE FRAMING INSPECTION

MIN TOP OF FOUNDATION TO GRADE
6" SLOP OF GRADE IN FIRST 10'-0"

4" SLAB

R-10 FOAM

4" CONC SLAB 3000 P.S.I. MIN
IRC SEC. R506.2.3
W/ 6 MIL POLY BETWEEN AGGREGATE & SLAB (POLY 12" MIN. LAP)

9'-1 1/8"

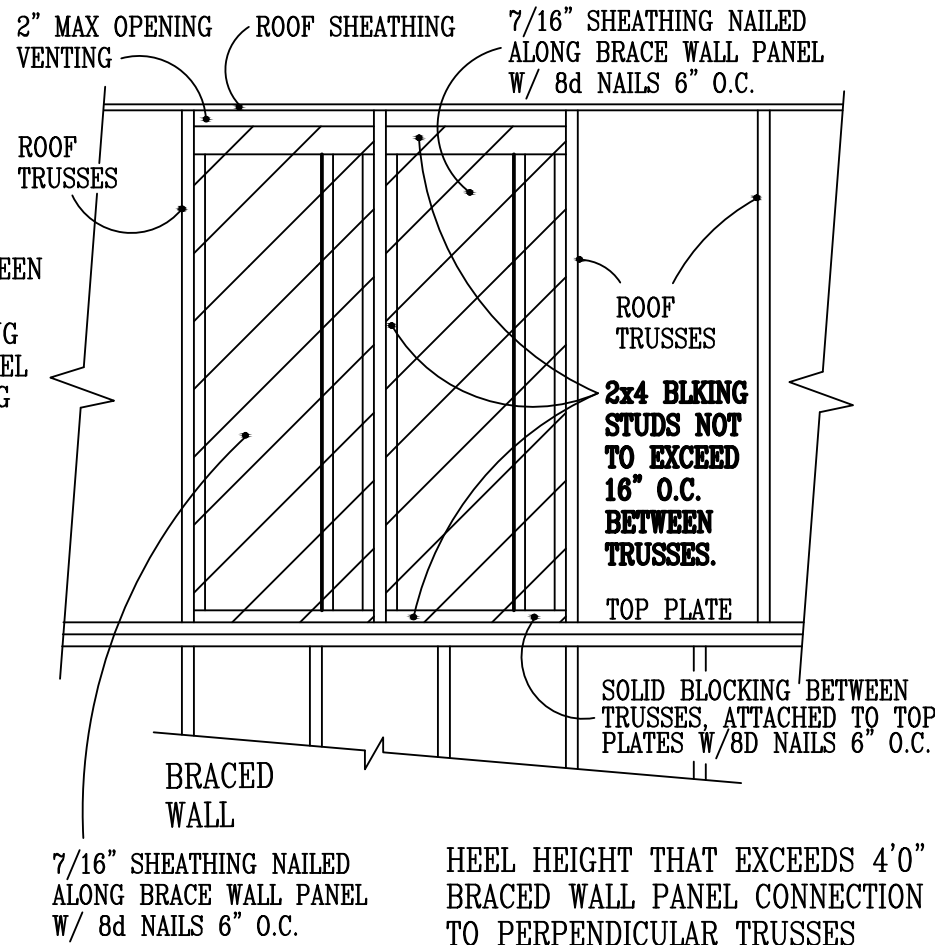
SEE ELEVATION

GARAGE WALL:
SIDING NOTED ON PLAN
TYVEK TYPAR HOUSE WRAP
7/16" OSB WALL SHEATHING
2X6 STUDS 16" O.C.
2X6 TRTD BOTTOM PLATE
20 MIN. FIRE RATED DR.
BETWEEN GARAGE AND HOUSE

6" MIN TOP OF FOUNDATION TO GRADE
MIN. 6" SLOP OF GRADE IN FIRST 10'-0"

2X10 .60 TRTD FOOTING PLATE
2X6 .60 TRTD BOTTOM PLATE
2X6 .60 TRTD WALL STUDS 16" O.C.
19/32" .60 TRTD CDX PLY NAILED W/
SAINLESS STEEL NAILS
GLUED AND CAULKED AT SEAMS
6 MIL POLY
20"x8" GRAVEL FOOTING
PLY FACE GRAIN ACROSS STUDS
MAXIMUM BACKFILL HEIGHT 86"

2X10 .60 TRTD FOOTING PLATE
2X6 .60 TRTD BTM PLATE
2X6 .60 TRTD WALL STUDS
@ 24" O.C. SEE MAIN
MAIN FOUNDATION FOR DETAILS



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