

NOTE:

ALL CONSTRUCTION SHALL CONFORM TO 2018 INTERNATIONAL RESIDENTIAL CODE OR ATTACHED ENGINEER SPECIFICATIONS WHERE APPLICABLE.

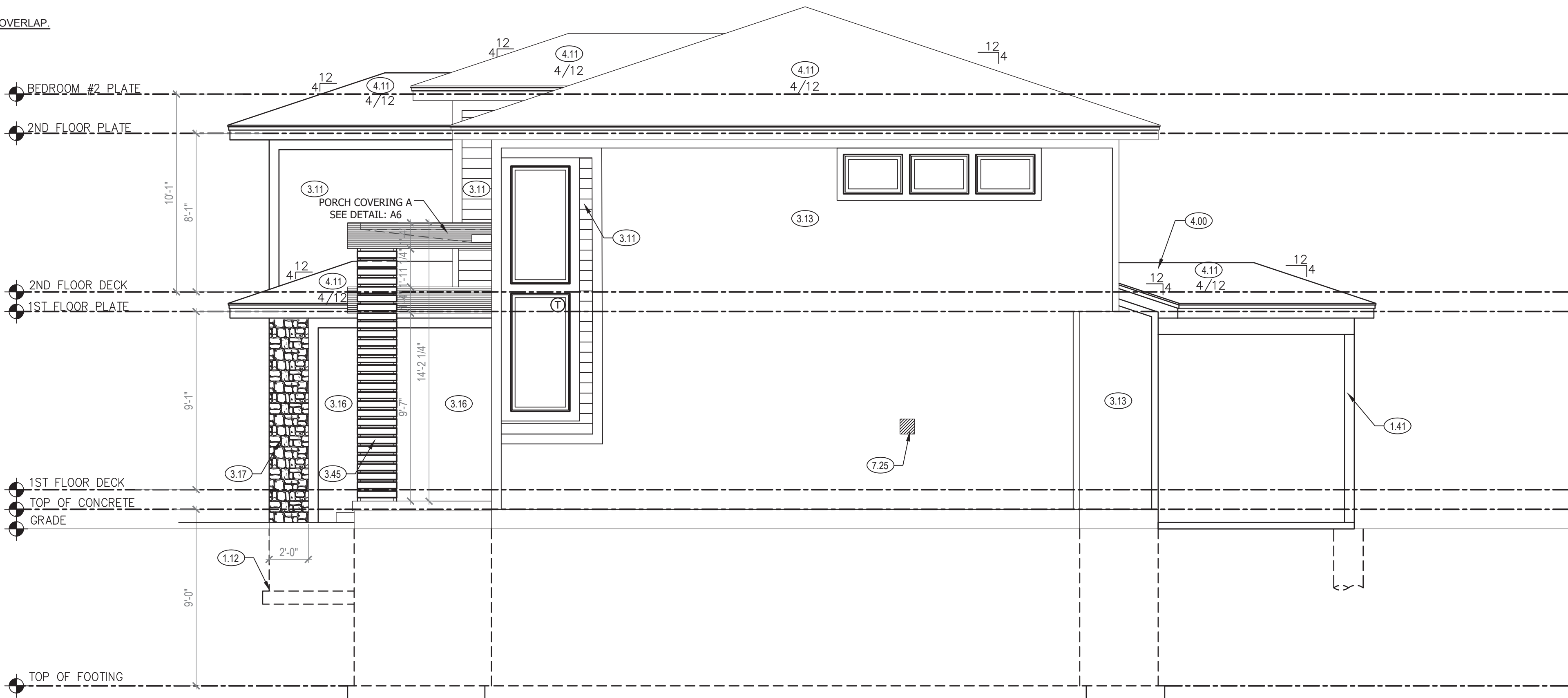
ELEVATIONS:  
GARAGE DOORS SHALL MEET DASMA FOR ULTIMATE DESIGN WIND SPEED OF 115 MPH REQUIREMENTS.  
WALL FRAMING SHALL BE DOUGLAS FIR LARCH #2 UNLESS OTHERWISE NOTED. IN BEARING WALLS, STUDS WHICH ARE NOT MORE THAN TEN FEET IN LENGTH SHALL BE SPACED NOT MORE THAN IS SPECIFIED BY IRC TABLE R602.3(5) FOR CORRESPONDING STUD SIZE.  
WATER-RESISTIVE EXTERIOR WALL BARRIER IN WALL SECTION SHALL COMPLY WITH IRC R703.2.  
WHEN APPLICABLE, CONTINUOUS STUDS BETWEEN FLOOR AND ROOF/CEILING DIAPHRAGM SHALL COMPLY WITH IRC R602.3.

ALL UNMARKED HEADERS SHALL BE A MINIMUM #2 DOUGLAS FIR LARCH (2) 2 X 10 ON LOAD BEARING WALLS.

SHIPLAP SIDING MUST BE FASTENED AT BOTH UNDERLAP AND OVERLAP.

LEFT ELEVATION 2

SCALE: 1/4" = 1'-0"



RIGHT ELEVATION 1

SCALE: 1/4" = 1'-0"

LEFT & RIGHT SIDE ELEVATION NOTES

- 1.12 TOP OF FOOTING DEPTH DETERMINED PER SITE.
- 1.41 6X6 CEDAR POST
- 1.71 CONCRETE WINDOW WELL FOR EGRESS WITH LADDER. PROVED SLEEVE THROUGH WALL FOR FOUNDATION DRAIN. TOP OF WINDOW WELL TO BE 3" BELOW TOP OF FOUNDATION.
- 3.11 LP SMART LAP SIDING WITH 5/4X6 LP SMART TRIM AROUND DOORS, WINDOWS, AND CORNERS UNLESS NOTED OTHERWISE.
- 3.13 LP SMART PANEL SIDING WITH 3/4X4 LP SMART TRIM AROUND DOORS, WINDOWS, AND CORNERS UNLESS NOTED OTHERWISE. BOTTOM OF SIDING SHALL BE A MINIMUM OF 6" ABOVE GRADE.
- 3.16 STUCCO, SHEATHED WITH 15/32" THICK OSB RATED 24/0 SHEATHING. EXTEND STUCCO TO WITHIN 8" OF FINISHED GRADE. 5/4X6 LP SMART TRIM AROUND WINDOWS AND DOORS UNLESS NOTED OTHERWISE.
- 3.17 MANUFACTURED STONE VENEER.
- 3.45 COLUMN DETAIL, RE: 3/A1
- 3.46 1'-2" X 2'-2" BOX COLUMN WRAPPED IN MANUFACTURER STONE VENEER
- 4.00 COVERING WILL HAVE 1 ROOF VENT AND 4 SOFFIT VENTS
- 4.11 MINIMUM ROOFING COMPOSITION- 30 YR COMPOSITE SHINGLES ON 15# FELT ON 1/2" OSB SHEATHING OR AS REQUIRED BY CODE.
- 7.25 TOP OF FIREPLACE VENT TO BE 3'-8" ABOVE FIRST FLOOR DECK.
- 7.67 BACK WALL OF GARAGE.

GENERAL NOTES

DIMENSIONAL LUMBER IS LABELED PER INDUSTRY STANDARD TERMINOLOGY. ACTUAL LUMBER SIZING IS EXPECTED TO VARY PER VENDOR.

WINDOW SIZES ARE WRITTEN IN FEET AND INCHES PER INDUSTRY STANDARDS. EX: 3050 SH = 3'-0" X 5'-0" SINGLE HUNG, 3066 FIX = 3'-0" X 6'-6" FIXED.

CPG DBA



120 SE 30TH ST.  
LEE'S SUMMIT, MO 64082  
816-246-6700

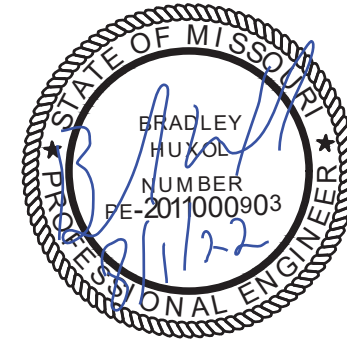
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ADDRESS:  
2750 SW 12TH ST  
LEE'S SUMMIT, MO

CHARLESTON  
MODERN PRAIRIE  
HIGHLAND MEADOWS #154  
5 BEDS, 4 BATHS

PROFESSIONAL SEAL:



EVERSTEAD IS RESPONSIBLE FOR STRUCTURAL SPECIFICATIONS ONLY. ARCHITECTURAL PLANS WERE PRODUCED BY OTHERS.

EVERSTEAD  
3741 NE TROON DRIVE  
SUITE 200  
LEE'S SUMMIT, MO 64064  
816-399-4901

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2.0

ISSUE DATE:  
06.16.22

SHEET NUMBER:

A2.0



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ALL UNMARKED HEADERS SHALL BE A MINIMUM #2 DOUGLAS FIR LARCH (2) 2 X 10 ON LOAD BEARING WALLS.

DETAILS AND NOTES:  
BASEMENT EGRESS WINDOWS ARE TO COMPLY WITH IRC R310.2.  
WINDOW FALL PROTECTION REQUIREMENTS TO COMPLY WITH SECTION R612.2.  
STAIRS SHALL COMPLY WITH IRC R311.7. THE MAXIMUM RISER HEIGHT OF STAIRWAYS SHALL NOT EXCEED 7-3/4" AND THE TREADS SHALL PROVIDE A MINIMUM TREAD DEPTH OF 10" (IRC 2018 R311.7.5.1).  
SELF CLOSING DEVICES ARE REQUIRED FOR GARAGE TO DWELLING SEPARATION DOORS.  
STEEL COLUMNS WILL BE A MINIMUM OF SCHEDULE 40.

ENERGY REQUIREMENTS SHALL CONFORM TO THE IRC CHAPTER 11.  
SECURITY SHALL CONFORM TO IRC R328/CBRC.  
AN ACCESSIBLE CONNECTION POINT WILL BE PROVIDED TO A 20 FOOT CONCRETE ENCASED ELECTRODE (FOOTING REBAR) FOR THE ELECTRICAL SERVICE GROUNDING ELECTRODE CONDUCTOR (UFER GROUND).  
CARBON MONOXIDE DETECTORS WILL BE PROVIDED IN ACCORDANCE WITH IRC SECTION R315.  
THE BUILDING THERMAL ENVELOPE IS REQUIRED TO BE SEALED(2018 IRC SECTION N1102.4.1 AND TABLE N1102.4.1.1).  
DUCTS, AIR HANDLERS, FILTER BOXES AND BUILDING CAVITIES USED AS DUCTS SHALL BE SEALED (2018 IRC SECTION N1103.2.2).

FLOOR PLANS:  
LEDGERS(FLOOR AND CEILING) SHALL BE IN ACCORDANCE WITH IRC 507.  
ALL CANTILEVERS SHALL HAVE AT LEAST A 3:1 BACK SPAN.  
A MINIMUM OF DOUBLE JOIST UNDER EACH BEARING WALL IS REQUIRED.

ALL WALLS UNDER 12" SHALL BE DOUGLAS FIR LARCH #2 2X4 STUDS AT 16" O.C. FULL HEIGHT CONTINUOUS (UNLESS OTHERWISE NOTED).

ALL WALLS 12" AND OVER SHALL BE DOUGLAS FIR #2 (M-12) LUMBER 2x6 STUDS AT 16" O.C. FULL HEIGHT CONTINUOUS (UNLESS OTHERWISE NOTED).

EXTERIOR WALL SHEATHING SHALL BE AS FOLLOWS:

$\frac{3}{8}$ " THICK OSB FOR METHODS: WSP, CS-WSP AND PFH  
 $\frac{1}{2}$ " THICK OSB FOR METHOD CS-PF.

SPECIFIED THICKNESS OF OSB SHALL BE INSTALLED UNDERNEATH LP LAP SIDING AND/OR ENGINEERED BRACED WALL PANELS.

LP PANEL SIDING - 7/16" GROOVED SHALL BE EQUIVALENT TO  $\frac{3}{8}$ " THICK OSB. OSB MAY BE OMITTED UNDERNEATH 7/16" GROOVED PANEL SIDING IN AREAS REQUIRING  $\frac{3}{8}$ " THICK OSB.

INSTALL FASTENERS AND NAILING PATTERN PER 2018 IRC SECTION R602.10.

GIRDER TRUSS BEARING:  
MIN. STUD PACK OF (4) 2 x 4 OR (4) 2 x 6 DOUGLAS FIR LARCH #2 (DEPENDING ON WALL THICKNESS) BELOW EACH BEARING POINT OF EACH GIRDER TRUSS, UNLESS OTHERWISE NOTED. STUD PACKS SHALL BE CARRIED DOWN TO FOUNDATION OR LOAD SUPPORTING MEMBER.

PROVIDE 2X SOLID BLOCKING SUPPORT BELOW ALL POINT LOADS CONTINUOUS TO BEARING STRUCTURE AND/OR FOUNDATION BELOW.

LVL'S SHALL BE: BOISE CASCADE VERSA-LAM 3100 FB  
GLU-LAMS SHALL BE: DF 24F-V4 - WESTERN  
PROVIDE FULL BEARING FOR OPTION SELECTED

STEEL BEAM FLANGE WIDTHS:  
W12x26 - 6.49"  
W8X10 - 3.94"  
W8X24 - 6.5"

IRC TABLE N1102.1.2 (R402.1.2) INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT (PARTIAL)									
CLIMATE ZONE	FENESTRATION U-FACTOR*	SKYLIGHT U-FACTOR*	GLAZED FENESTRATION SHGC 1**	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH
4 EXCEPT MARINE	.32	.55	.40	49	20 OR 13+5	8/13	19	10/13	10, 2 FT

JACK STUDS REQD AT OPENINGS U.N.D.			
(2)#2 2X10 ANY HEADER OVER 2X10 CONTINUOUS OVER TWO, THREE AND FOUR SPAN HEADERS	UP TO 4'	HEADER LENGTH 4' TO 16'	16' AND OVER
	1	2	4
1 JACK STUD AT HEADER ENDS			

## MAIN FLOOR PLAN NOTES

- 1.22 EXPOSED TOP OF FOUNDATION WALL.
- 2.11 DOUBLE 2X4 STUD WALL.
- 2.12 2X6 STUD WALL.
- 2.31 SIX SIDED TUB ASSEMBLY INCLUDING THERMOPLY ON EXTERIOR WALL TO 2" ABOVE TOP OF TUB DECK OR TUB/SHOWER UNIT.
- 2.32 INSULATE CANTILEVER AS REQUIRED PRIOR TO BLOCKING.
- 2.41 CURB STAIR SYSTEM.
- 2.51 3 STUDS BETWEEN WINDOW UNITS.
- 3.45 COLUMN DETAIL, RE: 3/A1.
- 3.46 1'-2" X 2'-2" BOX COLUMN WRAPPED IN MANUFACTURER STONE VENEER.
- 4.51 SINGLE BOX VAULT.
- 5.05 HOSE BIBB.
- 6.42 HVAC FLOOR OPENING. HEADER OFF FLOOR JOISTS AS REQUIRED. BUMP TRUSSES AS NECESSARY FOR HVAC ACCESS.
- 6.51 1'-10"x3'-0" MINIMUM ATTIC ACCESS WITH 3/4" BACKER BOARD AND 2 LATCHES. BUMP TRUSSES FOR ATTIC ACCESS.
- 7.41 OPEN HANDRAILS.
- 7.64 LINE OF BALCONY ABOVE.
- 7.65 LINE OF FLOOR ABOVE.
- 7.71 20 MINUTE FIRE RATED SOLID CORE WITH SELF-CLOSING HINGES.
- 7.88 CHANGE IN FLOORING MATERIAL.
- 8.16 CUSTOM ISLAND WITH LEGS - SEE PLAN FOR DETAILS.
- 8.44 BENCH WITH COAT HOOKS.

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RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
Development Services  
2224 Summit Corporate

## BRACING METHODS

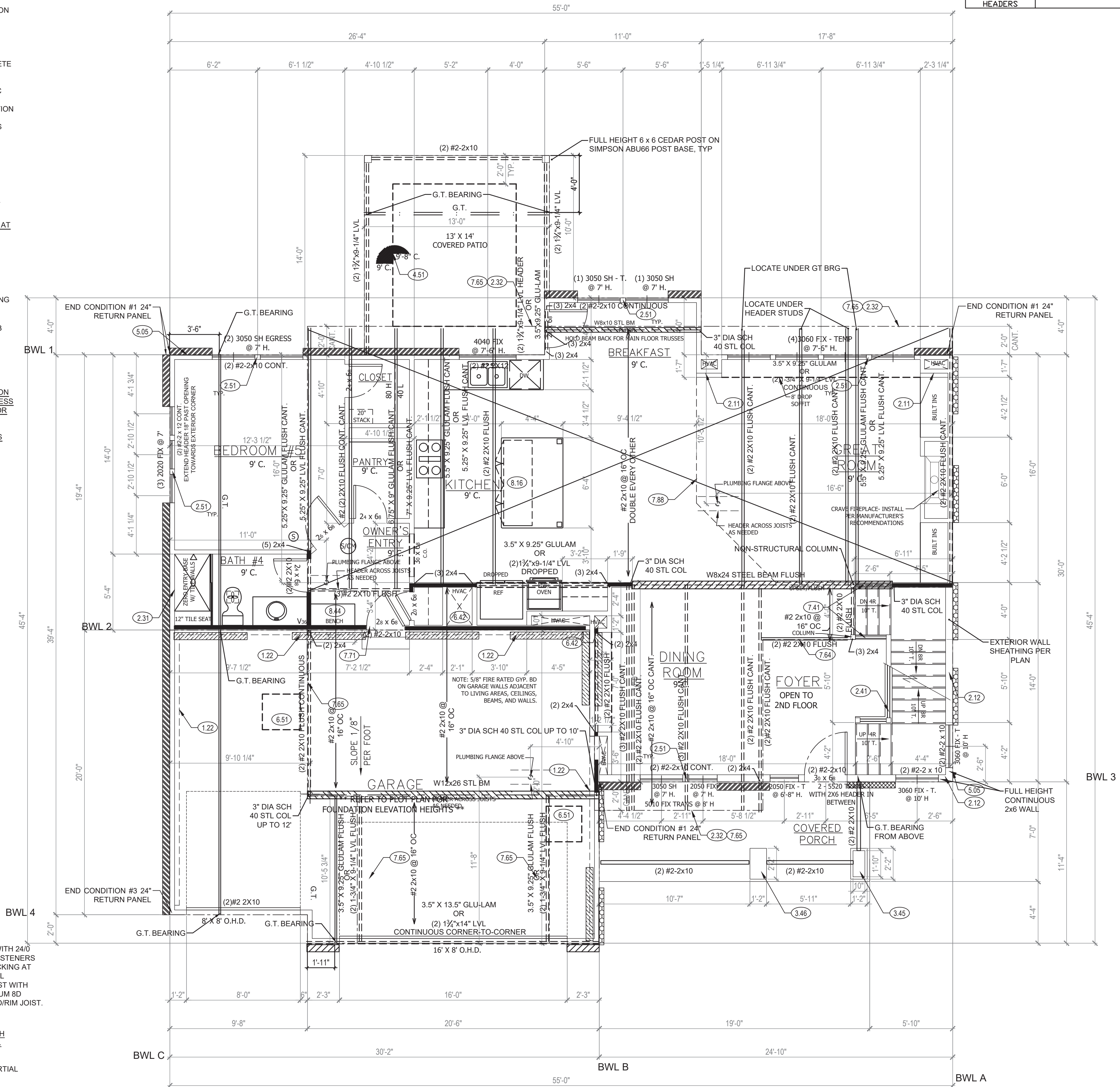
EXTERIOR WALL BRACING 3/8" PANEL THICKNESS OSB WITH 2x10 STRUCTURAL PANEL SPAN RATING. 1-3/8" MIN PEN, 8d FASTENERS AT 6" FOR PANEL EDGES AND 12" IN FIELD. INSTALL BLOCKING AT TOP AND BASE OF WINDOWS. WOOD STRUCTURAL PANEL SHEATHING CONTINUOUS OVER BAND JOIST OR RIM JOIST WITH MINIMUM LAP OF 9-1/4". ATTACH SHEATHING WITH MINIMUM 8D COMMON NAILS AT 3" O.C. AT TOP AND BOTTOM OF BAND/RIM JOIST.

EXTERIOR BRACING CS-PF PER IRC R602.10  
FOR CS-PF ABOVE: WOOD STRUCTURAL PANEL SHEATHING CONTINUOUS OVER BAND JOIST OR RIM JOIST WITH MINIMUM LAP OF 9-1/4". ATTACH SHEATHING WITH MINIMUM 8D COMMON NAILS AT 3" O.C. AT TOP AND BOTTOM OF BAND/RIM JOIST.

EXTERIOR BRACING CS-WSP PER IRC R602.10  
EXTERIOR BRACING WSP PER IRC R602.10 (INCLUDES PARTIAL PANELS PER IRC R602.10.5.2)  
INTERIOR BRACING LIB PER IRC R602.10  
MINIMUM LIB LENGTH PER 2018 IRC TABLE R602.10.5:  
55' - 8" TALL WALL HEIGHT  
62' - 9" TALL WALL HEIGHT  
69' - 10" TALL WALL HEIGHT

EXTERIOR BRACING PFH (SEE DETAILS) PER IRC R602.10.5

INTERIOR LOAD BEARING WALL (EXTERIOR WALLS ARE ASSUMED LOAD BEARING)



MAIN FLOOR PLAN

1

SCALE: 1/4" = 1'-0"