

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

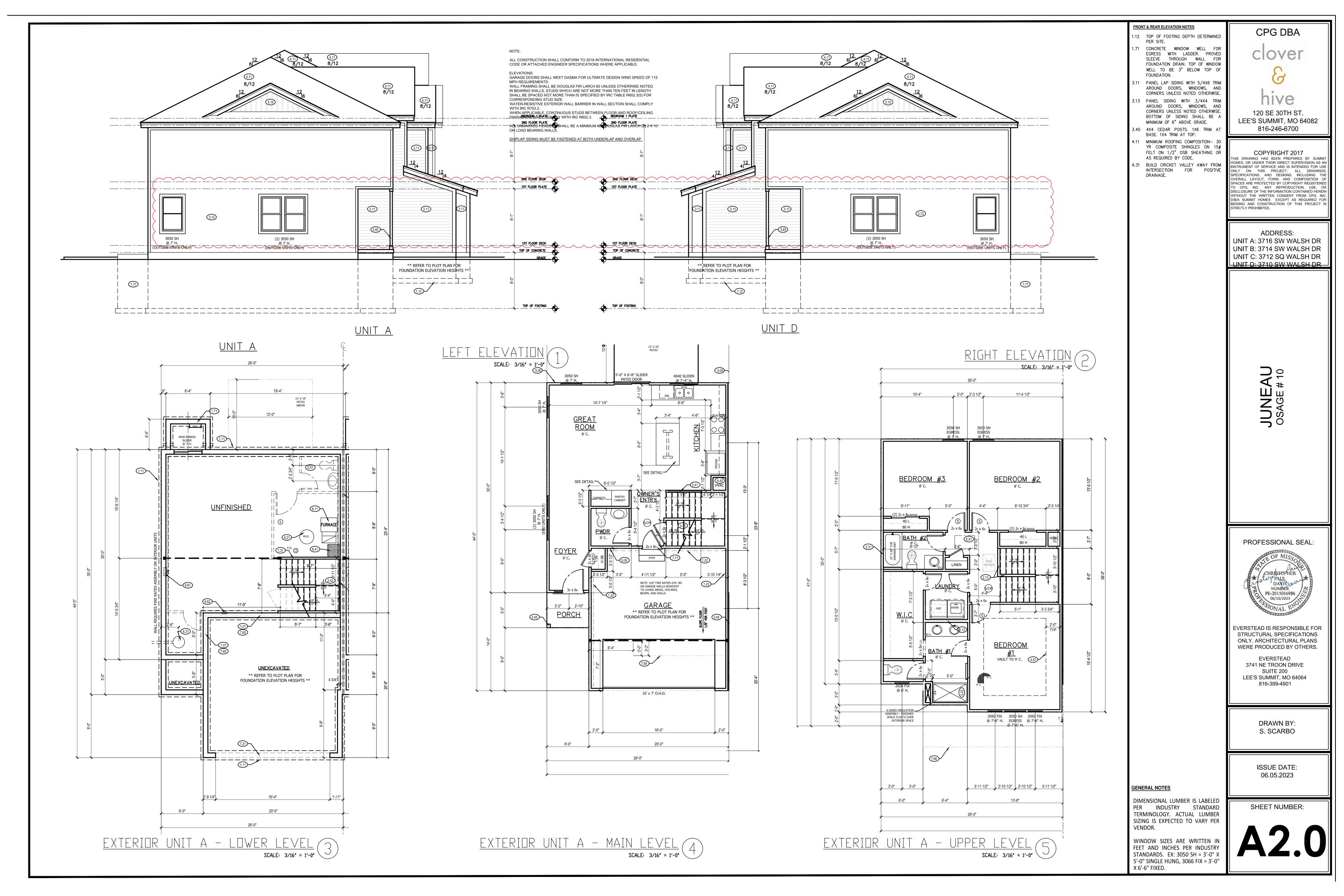
WITH IRC R703.2 WHEN APPLICABLE, CONTINUOUS STUDS BETWEEN FLOOR AND ROOF/CEILING

DIAPHRAGM SHALL COMPLY WITH IRC R602.3.

ON LOAD BEARING WALLS.

SHIPLAP SIDING MUST BE FASTENED AT BOTH UNDERLAP AND OVERLAP.





CARRIED DOWN TO FOUNDATION OR LOAD SUPPORTING MEMBER.

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NOTE:

- 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 SHAL
- 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 SECURITY SHALL CONFORM TO
- IRC R326/KCBRC. 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 CANTILIEVERS 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:
- <sup>3</sup>/<sub>8</sub>" THICK OSB FOR METHODS: WSP, CS-WSP AND PFH 716" 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 <sup>3</sup>" THICK OSB. OSB MAY BE OMITTED UNDERNEATH 7/16" GROOVED PANEL SIDING IN AREAS REQUIRING <sup>3</sup>/<sub>8</sub>" THICK OSB.
- INSTALL FASTENERS AND NAILING PATTERN PER 2018 IRC SECTION R602.10.
- GIRDER TRUSS BEARING: 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 HERWISE NOTED. ST ACKS SHALL BE CARRIE

OAD SUPPORTING MEMBER

- ROVIDE 2X SOLID BLOCKING PPORT BELOW ALL POIN ADS CONTINUOUS TO ARING STRUCTURE AND/OF OUNDATION BELO
- LVL'S SHALL BE: BOISE CASCADE VERSA-LAM 3100 FB PROVIDE FULL BEARING FOR
- DOUBLE, TRIPLE JOISTS, LVL'S AND STEEL BEAMS.

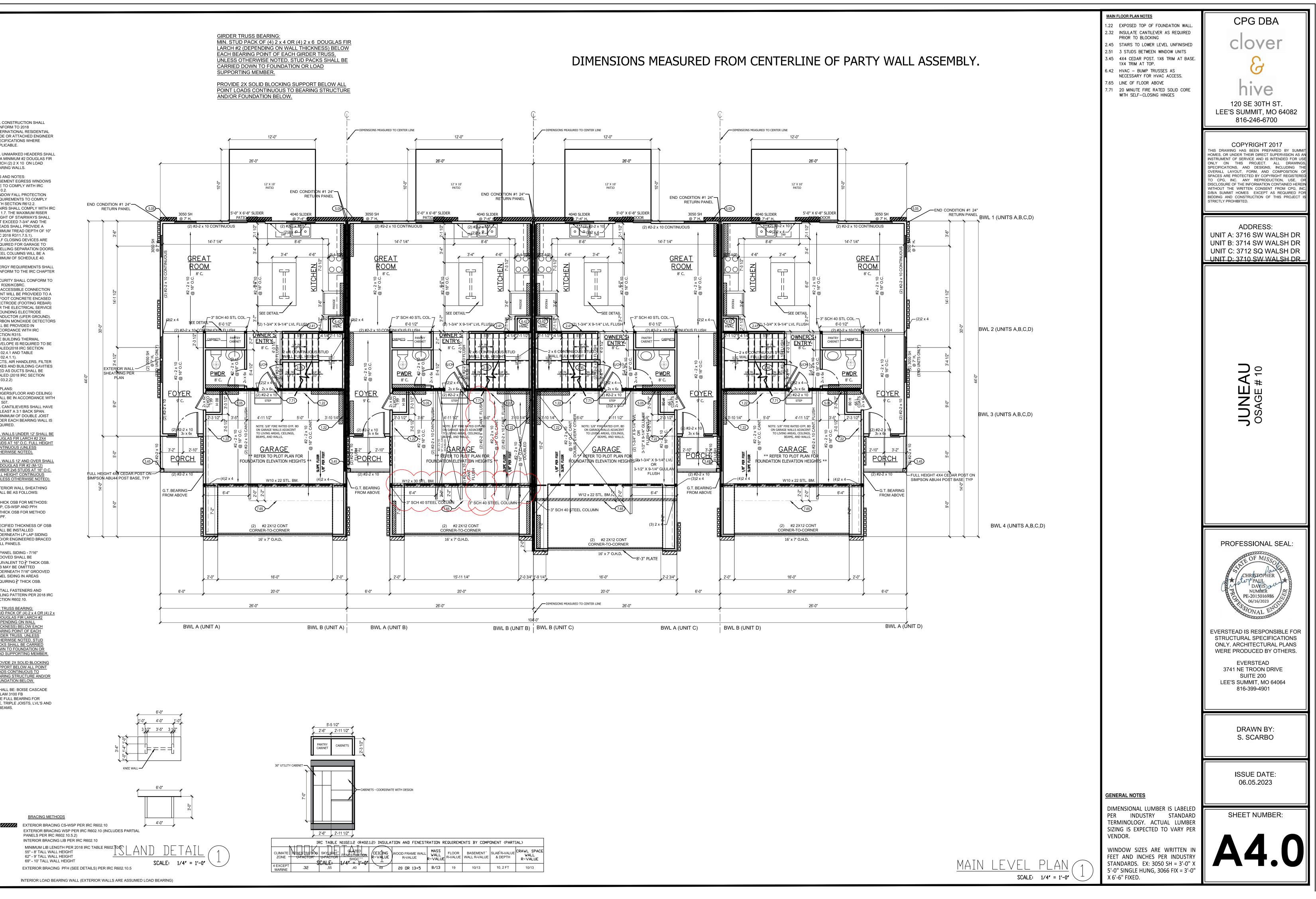
BRACING METHODS

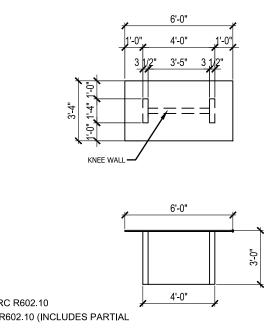
PANELS PER IRC R602 10.5.2)

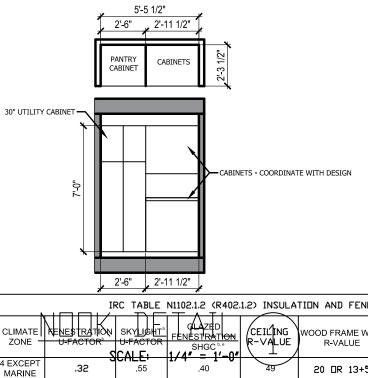
55" - 8' TALL WALL HEIGHT

62" - 9' TALL WALL HEIGHT

69" – 10' TALL WALL HEIGHT







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

RATION REQUIREMENTS BY COMPONENT (PARTIAL)							
	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT <sup>°</sup> WALL R-VALUE	SLAB <sup>®</sup> R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE		
	8/13	19	10/13	10, 2 FT	10/13		

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- 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.
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- SECURITY SHALL CONFORM TO IRC R326/KCBRC. 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

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- EXTERIOR WALL SHEATHING SHALL BE AS FOLLOWS:
- <sup>3</sup>/<sub>8</sub>" THICK OSB FOR METHODS: WSP, CS-WSP AND PFH
- <sup>7</sup>/<sub>16</sub>" THICK OSB FOR METHOD
- SPECIFIED THICKNESS OF OSB SHALL BE INSTALLED UNDERNEATH LP LAP SIDING AND/OR ENGINEERED BRACED WALL PANELS.
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- INSTALL FASTENERS AND NAILING PATTERN PER 2018 IRC SECTION R602.10.

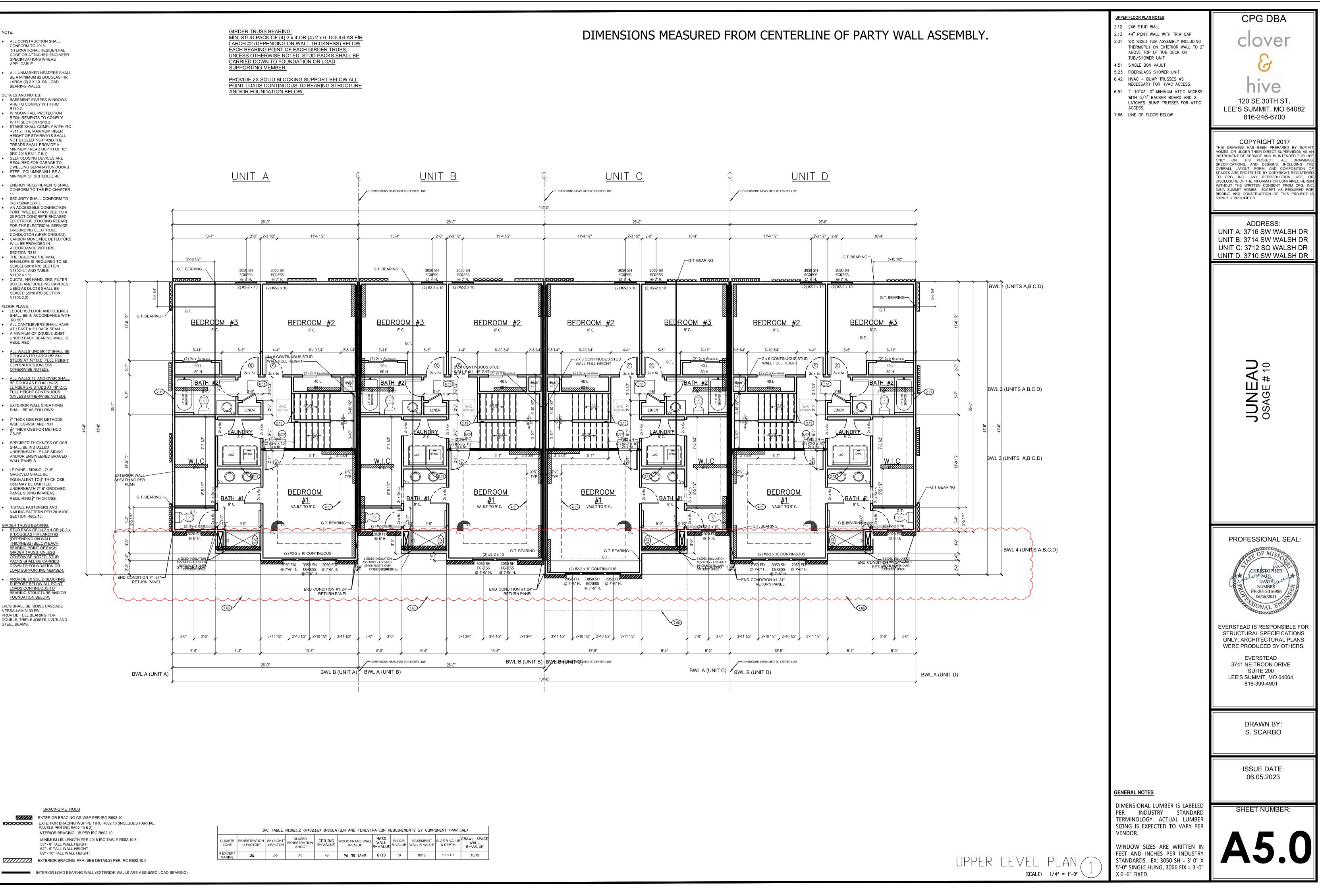
GIRDER TRUSS BEARING

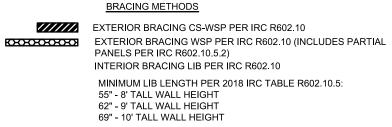
- R TRUSS BEARING: <u>FUD PACK OF (4) 2 x 4 OR (4) 2 x</u> <u>DOUGLAS FIR LARCH #2</u> <u>DEPENDING ON WALL</u> <u>HICKNESS) BELOW EACH</u> <u>3EARING POINT OF EACH</u> <u>3EARING POINT OF EACH</u> <u>3IRDER TRUSS, UNLESS</u> <u>OTHERWISE NOTED. STUD</u> <u>PACKS SHALL BE CARRIED</u> <u>DOWN TO FOUNDATION OR</u> <u>LOAD SUPPORTING MEMBER.</u>
- PROVIDE 2X SOLID BLOCKING SUPPORT BELOW ALL POINT LOADS CONTINUOUS TO BEARING STRUCTURE AND/OR OUNDATION BELOW
- LVL'S SHALL BE: BOISE CASCADE VERSA-LAM 3100 FB PROVIDE FULL BEARING FOR DOUBLE, TRIPLE JOISTS, LVL'S AND

STEEL BEAMS

SUPPORTING MEMBER.

PROVIDE 2X SOLID BLOCKING SUPPORT BELOW ALL AND/OR FOUNDATION BELOW.





IRC TABLE N1102.1.2 (R402.1.2) INSULATION AND FENESTRATION REQUIREMENTS BY								
CLIMATE ZONE	FENESTRATION U-FACTOR <sup>⁵</sup>	SKYLIGHT <sup>⁵</sup> U-FACTOR	GLAZED FENESTRATION SHGC <sup>b, ®</sup>	CEILING R-∨ALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUÉ	FLOOR R-VALUE	BASEMENT <sup>°</sup> WALL R-VALUE
4 EXCEPT MARINE	.32	.55	.40	49	20 DR 13+5	8/13	19	10/13

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

NENT (PARTIAL)				
BLAB <sup>d</sup> R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE			
10, 2 FT	10/13			