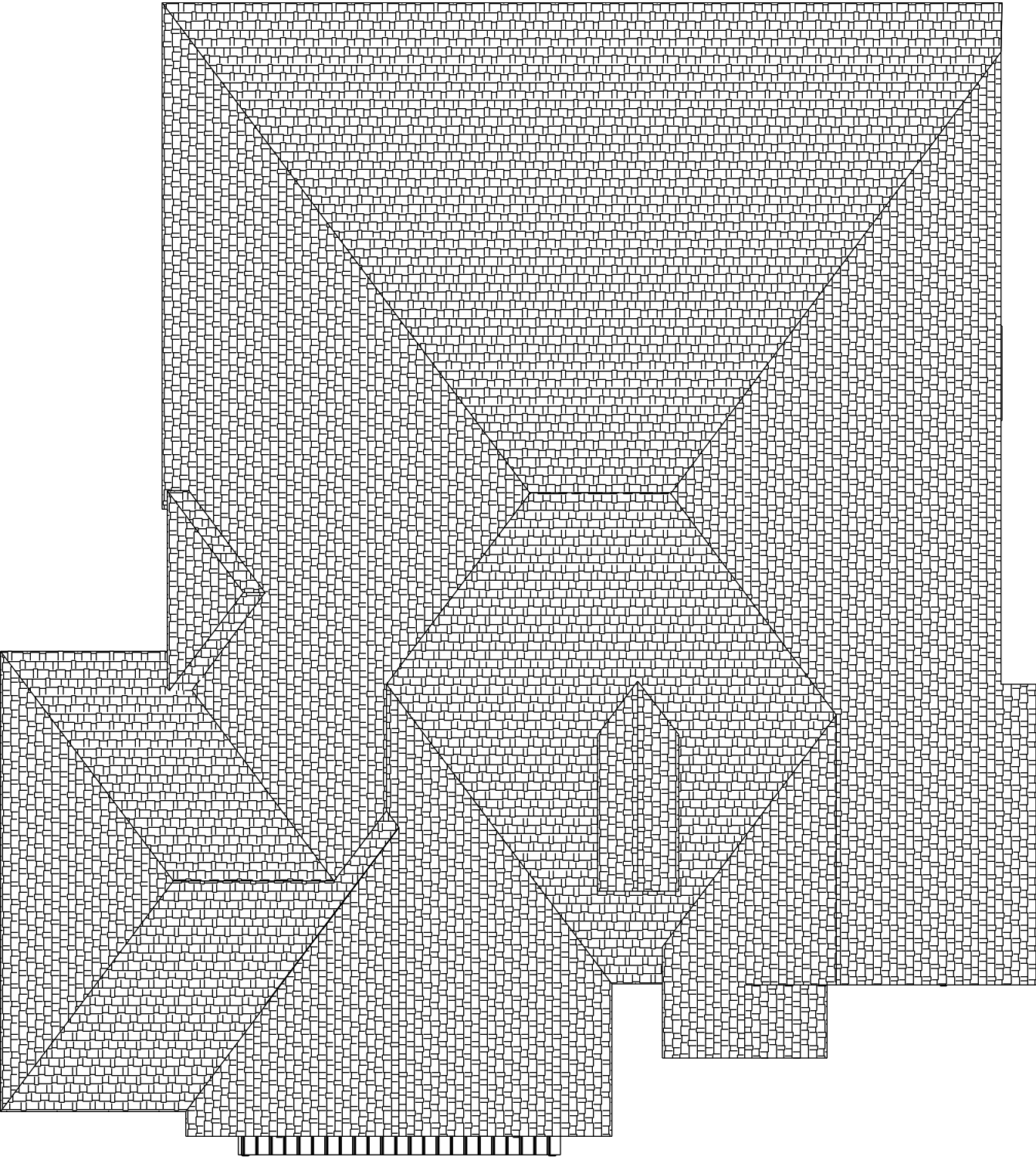
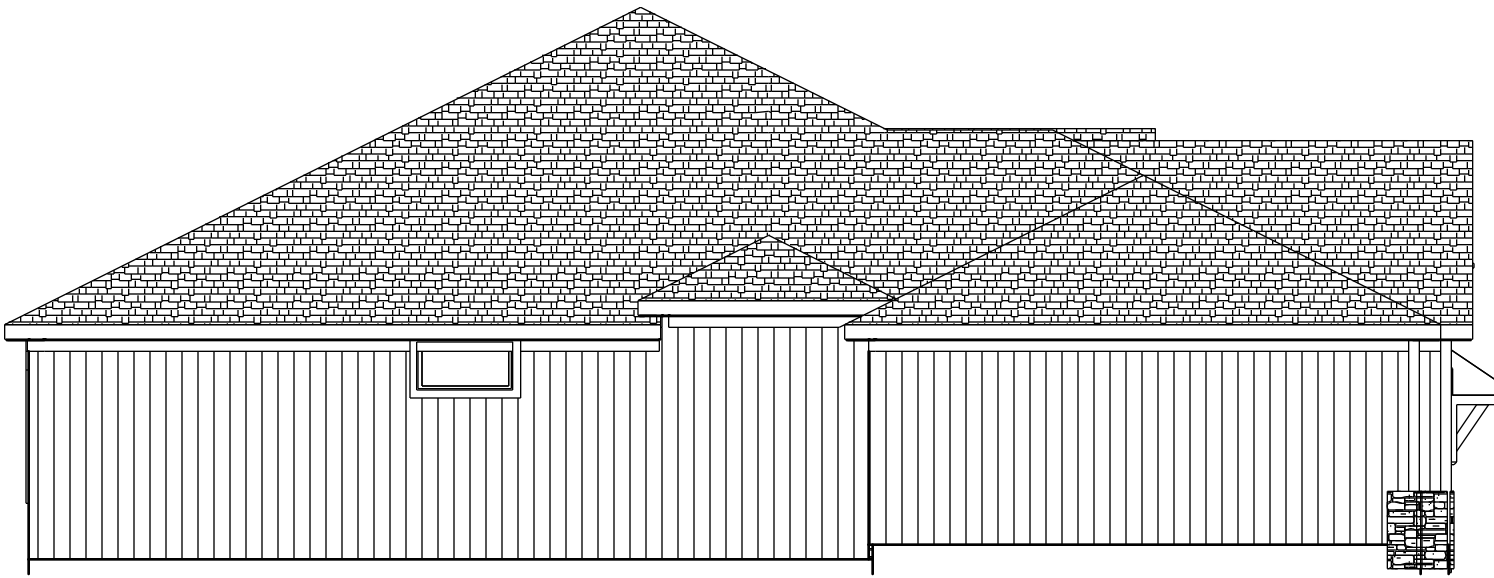


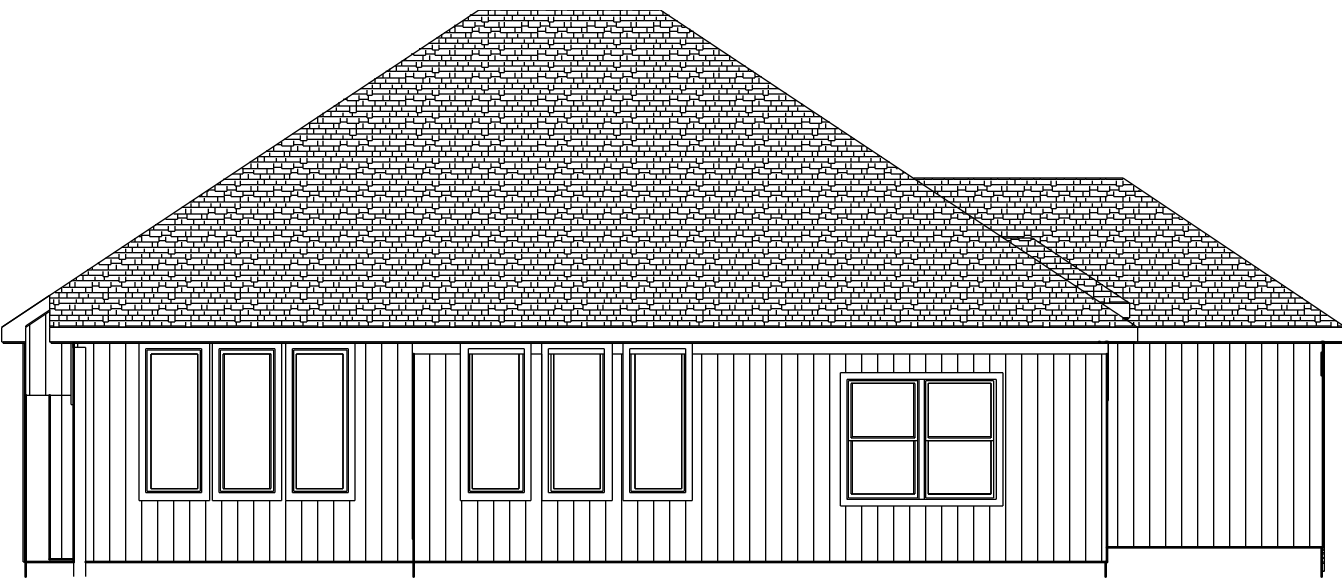
12" SOFFITS TYP.  
2 X 6 DF NO 2 @ 16" MAX SPAN 14-4 BETWEEN SUPPORTS



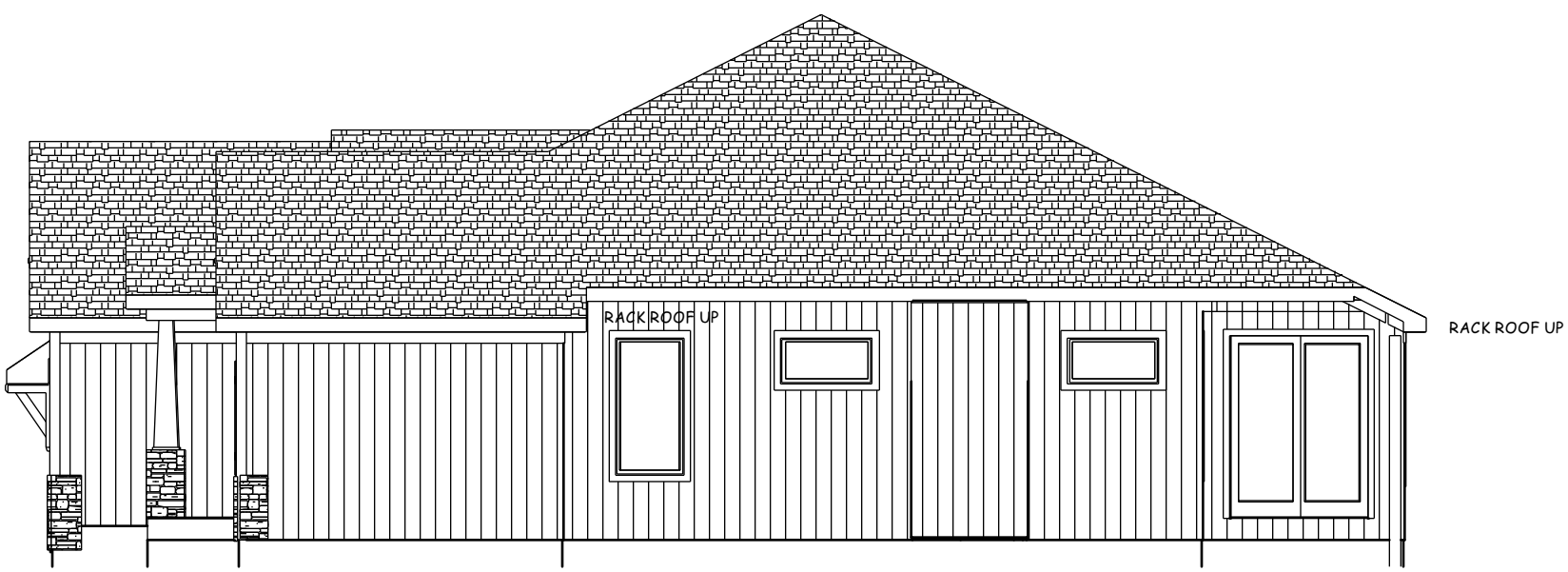
ROOF PLAN  
1/8" = 1'-0"  
ROOF PITCHES SIDE TO SIDE 8/12 TYP.  
ROOF PITCHES FRONT TO BACK 6/12 TYP.  
RAFTERS 2 X 6 DF NO 2 @ 16" OC TYP.  
HIPS AND RIDGES 2 X 8 DF NO 2 TYP.



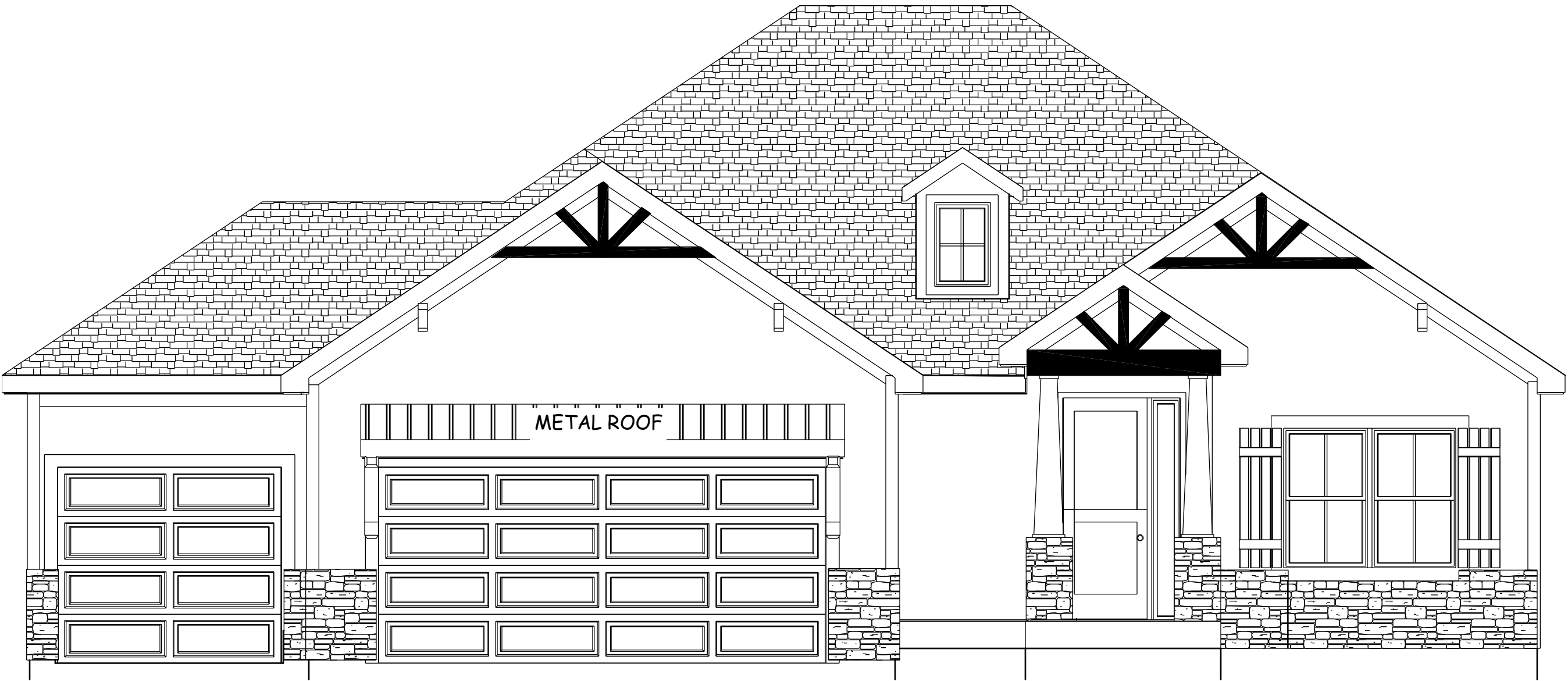
LEFT EL.  
1/8" = 1'-0"



REAR EL.  
1/8" = 1'-0"



RIGHT EL.  
1/8" = 1'-0"



HILLCREST RECESS

FRONT EL.  
STUCCO AND STONE SIDING

NOTE TURN CORNERS 16" WITH STONE

3 SIDES LP PANEL SIDING

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
09/15/2025 9:09:26



11871 SE STATE ROUTE H  
AGENCY MO 64401  
LEERHOAD.COM 816-244-6588  
LEERHOAD@GMAIL.COM

W. LEE RHOD AIA  
ARCHITECT

BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK CUSTOM HOMES  
LOT 4 WOODLAND OAKS  
2616 NE WOODLAND OAK DR  
LEE SUMMIT MO

SCALE  
1/4" = 1'-0"

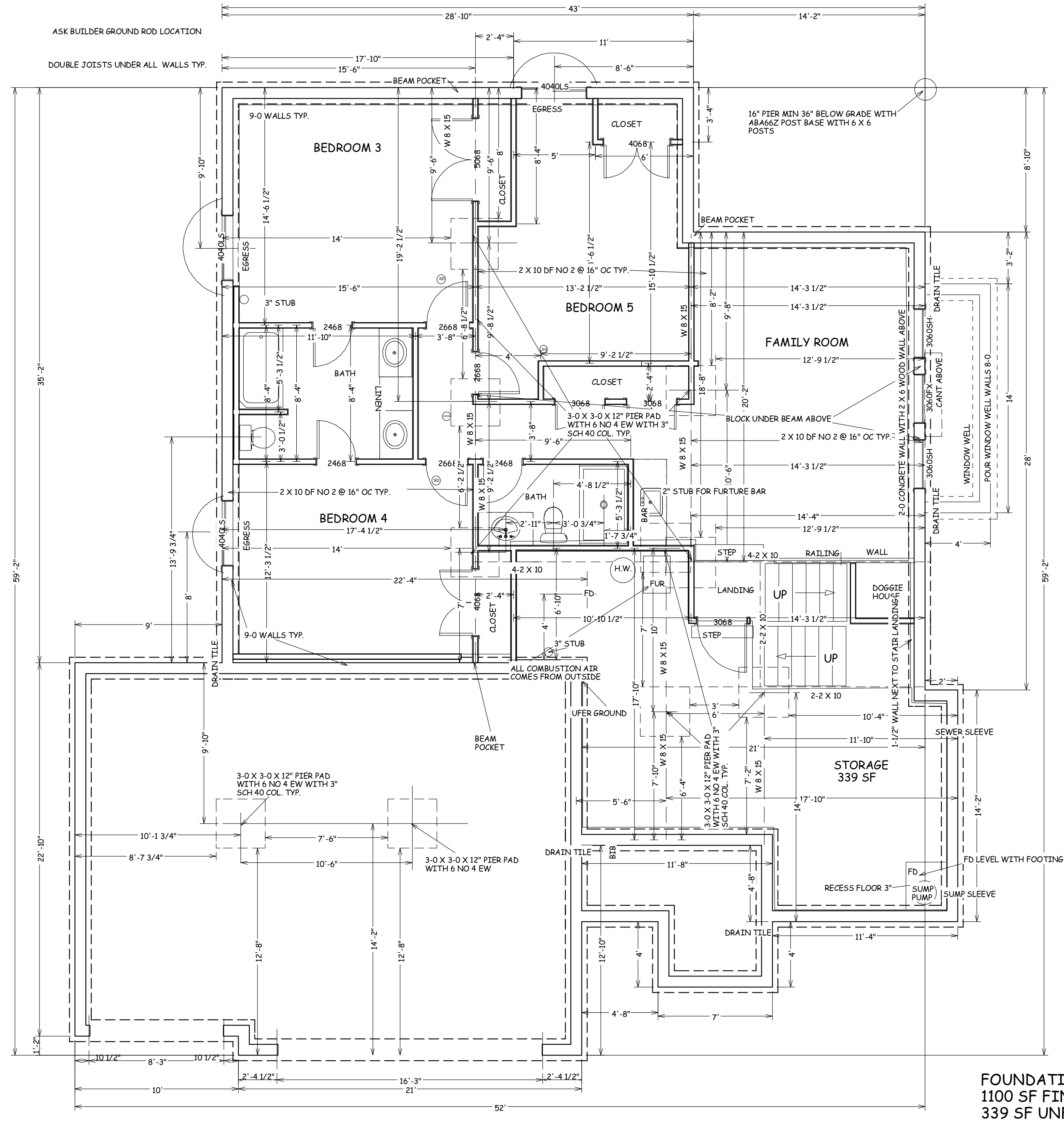
DATE  
9-3-25

PLAN NO.

4474

SHEET NO.

1 OF 5



FOUNDATION  
1100 SF FINI  
339 SF UNFI



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LOCAL CODES.

TRUMARK CUSTOM HOMES  
LOT 4 WOODLAND OAKS  
2616 NE WOODLAND OAK DR  
LEE SUMMIT MO

SCALE  
1/4" = 1'-0

DATE  
9-3-25

PLAN NO.

4474

SHEET NO.

2 OF 5

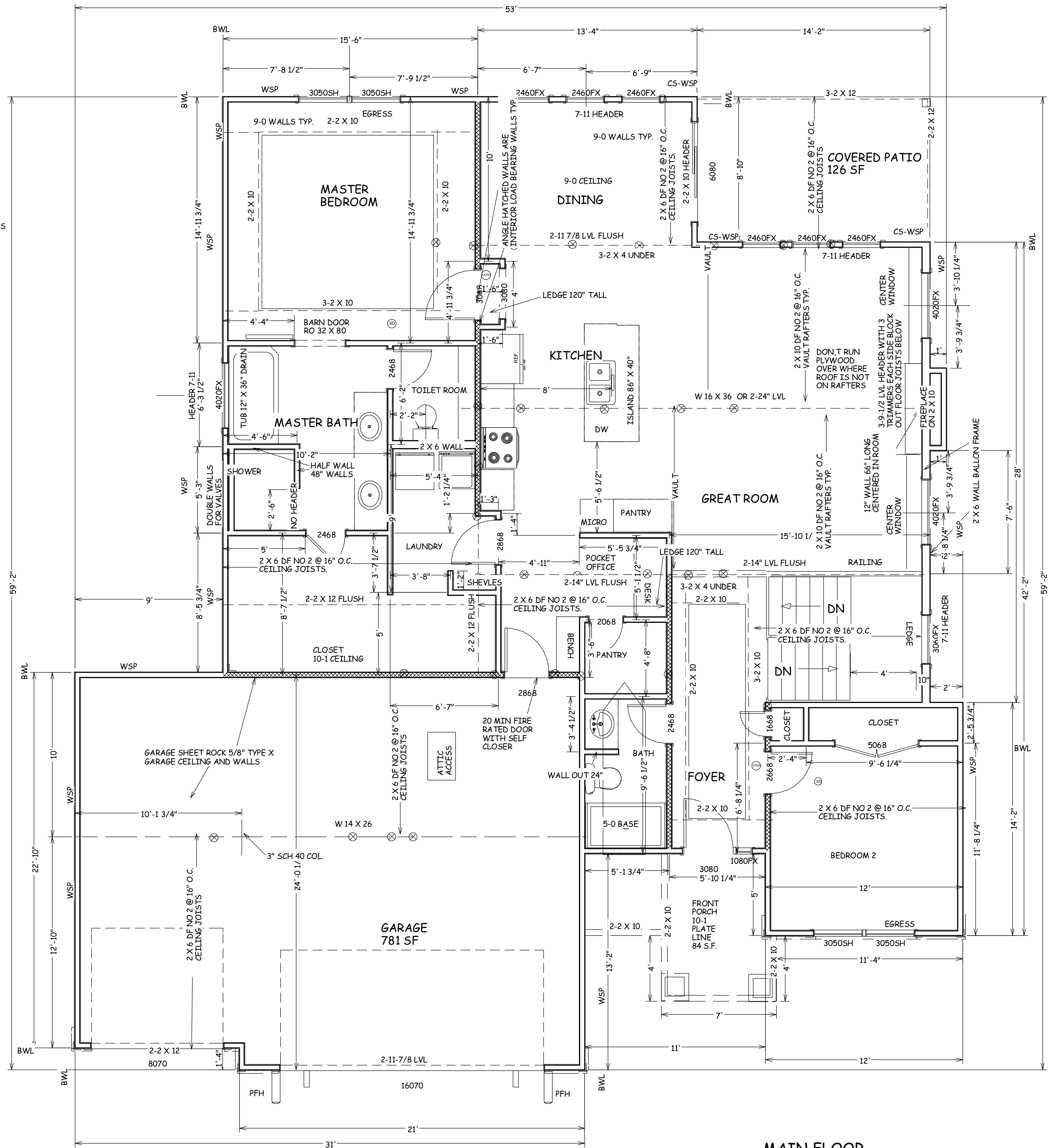
RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
09/15/2025 9:09:26

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LEERHOAD@GMAIL.COM



TYPICAL EXTERIOR CORNER FILE CORNER WITH STUDS

LADDER BLOCK WHERE INTERIOR WALLS INTERSECT WITH EXTERIOR WALLS



MAIN FLOOR  
1704 SF



BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK CUSTOM HOMES  
LOT 4 WOODLAND OAKS  
2616 NE WOODLAND OAK DR  
LEE SUMMIT MO

SCALE  
1/4" = 1'-0

DATE  
9-3-25

PLAN NO.

4474

SHEET NO.

3 OF 5

RELEASE FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
DEVELOPMENT SERVICES  
LEE'S SUMMIT, MISSOURI  
09/15/2025 9:09:27

W. LEE RHOAD AIA  
ARCHITECT

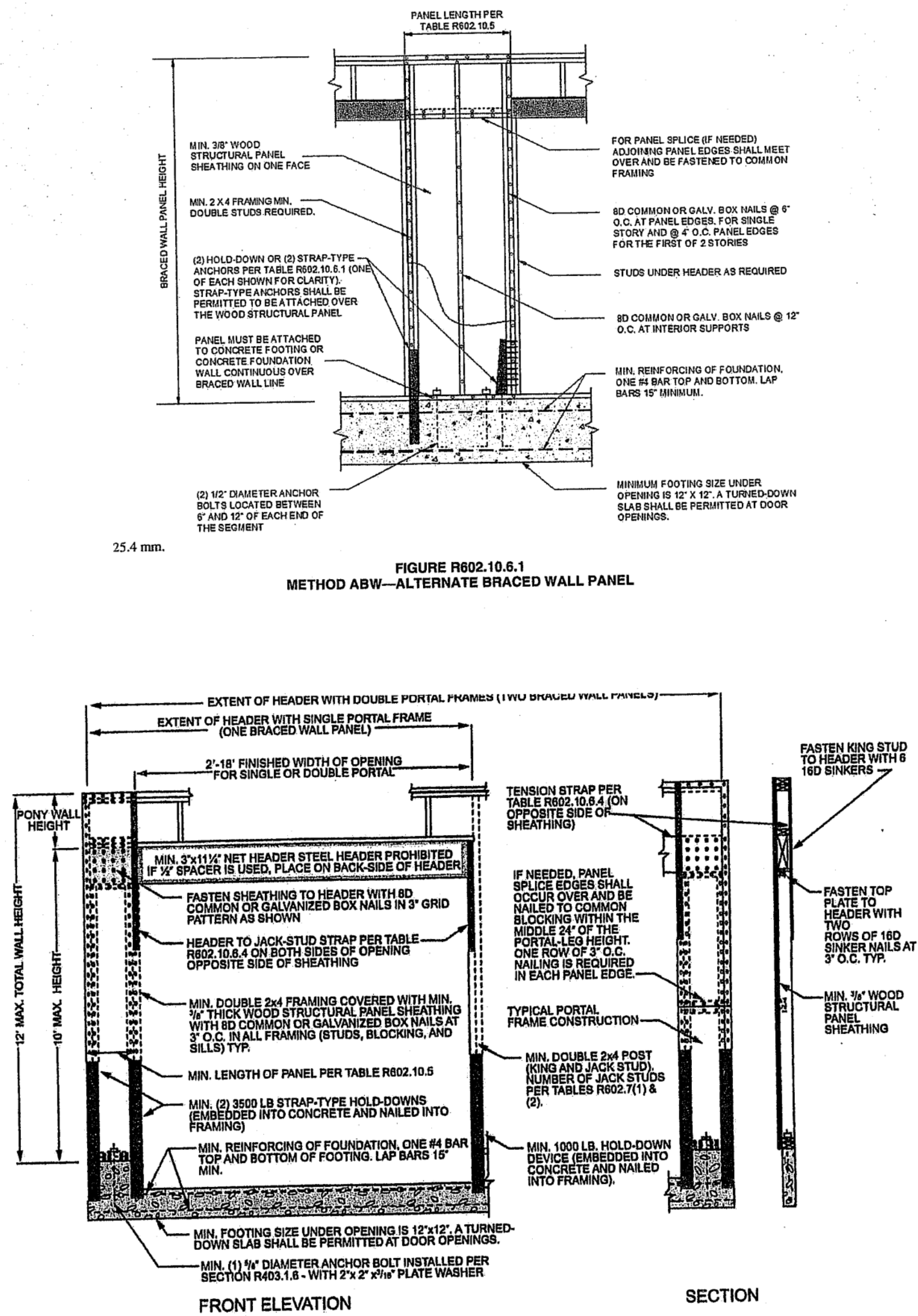
11871 SE STATE ROUTE H  
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LEERHOAD@GMAIL.COM







| TABLE R602.10.2(1)<br>BRACING REQUIREMENTS BASED ON WIND SPEED                                      |                |  |                         |           |   |                              |
|---|----------------|--|-------------------------|-----------|---|------------------------------|
| EXPOSURE CATEGORY B<br>• 35-FOOT MEAN ROOF HEIGHT<br>• 15-FOOT WALL HEIGHT<br>• 2 BRACED WALL LINES |                | MINIMUM TOTAL LENGTH (FEET) OF BRACED WALL PANELS<br>REQUIRED ALONG EACH BRACED WALL LINE <sup>a</sup> |                         |           |   |                              |
| Ultimate Design Wind Speed (mph)  | Story Location | Braced Wall Line Spacing <sup>b</sup> (feet)   | Method LIB <sup>c</sup> | Method GB | Methods DWB, WSP, SFB, PBS, PCP, HFS, BV-WSP, ABW, PFP, PFC, CS-SFB | Methods CS-WSP, CS-PF, CS-PP |
| ≤ 115   |                | 10   | 3.5                     | 3.5       | 2.0   | 2.0                          |
|   |                | 20   | 6.5                     | 6.5       | 3.5   | 3.5                          |
|   |                | 30   | 9.5                     | 9.5       | 5.5   | 4.5                          |
|   |                | 40   | 12.5                    | 12.5      | 7.0   | 6.0                          |
|   |                | 50   | 15.0                    | 15.0      | 9.0   | 7.5                          |
|   |                | 60   | 18.0                    | 18.0      | 10.5  | 9.0                          |
|   |                | 10   | 7.0                     | 7.0       | 4.0   | 3.5                          |
|   |                | 20   | 12.5                    | 12.5      | 7.5   | 6.5                          |
|   |                | 30   | 18.0                    | 18.0      | 10.5  | 9.0                          |
|   |                | 40   | 23.5                    | 23.5      | 13.5  | 11.5                         |
|   |                | 50   | 29.0                    | 29.0      | 16.5  | 14.0                         |
|   |                | 60   | 34.5                    | 34.5      | 20.0  | 17.0                         |
|   |                | 10   | NP                      | 10.0      | 6.0   | 5.0                          |
|   |                | 20   | NP                      | 18.5      | 11.0  | 9.0                          |
|   |                | 30   | NP                      | 27.0      | 15.5  | 13.0                         |
|   |                | 40   | NP                      | 35.0      | 20.0  | 17.0                         |
|   |                | 50   | NP                      | 43.0      | 24.5  | 21.0                         |
|   |                | 60   | NP                      | 51.0      | 29.0  | 25.0                         |



4 mm, 1 foot = 304.8 mm.

**FIGURE R602.10.6.2  
METHOD PFF—PORTAL FRAME WITH HOLD-DOWNS**

| TABLE R602.10.4<br>BRACING METHODS |   |        |  |  |
|------------------------------------|---|--------|--|--|
| METHODS, MATERIAL                  | MINIMUM THICKNESS   | FIGURE | CONNECTION CRITERIA <sup>a</sup>   |  |
| Intermittent Bracing Methods       | LIB<br>Let-in bracing   |        | Fasteners:<br>Wood: 2-8d common nails or 3-8d (2 1/2" long x 0.113" dia.) nails<br>Metal strap: per manufacturer                 | Spacing:<br>Wood: per stud and top and bottom plates<br>Metal: per manufacturer          |
|                                    | DWB<br>Diagonal wood boards   |        | 2-8d (2 1/2" long x 0.113" dia.) nails or 2 - 1 1/2" long staples  | Per stud   |
|                                    | WSP<br>Wood structural panel (See Section R604)   |        | Exterior sheathing per Table R602.3(3)<br>Interior sheathing per Table R602.3(1) or R602.3(2)                                    | 6" edges 12" field<br>Varies by fastener   |
|                                    | BV-WSP<br>Wood structural panels with stone or masonry veneer (See Section R602.10.6.5) |        | 8d common (2 1/2" x 0.131") nails  | 4" at panel edges 12" at intermediate supports 4" at braced wall end posts               |
|                                    | SFB<br>Structural fibroboard sheathing  |        | 1 1/2" long x 0.12" dia. (for 1/2" thick sheathing) 1 1/2" long x 0.12" dia. (for 3/8" thick sheathing) galvanized roofing nails | 3" edges 6" field  |
|                                    | GB<br>Gypsum board  |        | Nails or screws per Table R602.3(1) for exterior locations<br>Nails or screws per Table R702.3.5 for interior locations          | For all braced wall panel locations: 7" edges (including top and bottom plates) 7" field |
|                                    | PBS<br>Particleboard sheathing (See Section R605)                                       |        | For 1/2" - 6d common (2" long x 0.113" dia.) nails<br>For 1/2" - 8d common (2 1/2" long x 0.131" dia.) nails                     | 3" edges 6" field  |
|                                    | PCP<br>Portland cement plaster  |        | 1 1/2" long, 11 gage, 1/8" dia. head nails or 1/2" long, 16 gage staples   | 6" o.c. on all framing members   |
|                                    | HFS<br>Hardboard panel siding   |        | 0.092" dia., 0.225" dia. head nails with length to accommodate 1 1/2" penetration into studs                                     | 4" edges 8" field  |
|                                    | ABW<br>Alternate braced wall  |        | See Section R602.10.6.1  | See Section R602.10.6.1  |

| TABLE R602.10.5<br>MINIMUM LENGTH OF BRACED WALL PANELS |   |        |         |         |         |  |
|---|---|--------|---------|---------|---------|--|
| METHOD<br>(See Table R602.10.4)                         | MINIMUM LENGTH <sup>a</sup><br>(inches)   |        |         |         |         | CONTRIBUTING LENGTH<br>(inches)                      |
|   | Wall Height   |        |         |         |         |  |
|   | 8 feet  | 9 feet | 10 feet | 11 feet | 12 feet |  |
| DWB, WSP, SFB, FBS, PCP, HFS, BV-WSP                    | 48  | 48     | 48      | 53      | 58      | Actual <sup>b</sup>                                  |
| GB  | 48  | 48     | 48      | 53      | 58      | Double sided = Actual<br>Single sided = 0.5 x Actual |
| LIB   | 55  | 62     | 69      | NP      | NP      | Actual <sup>b</sup>                                  |
| ABW   | SDC A, B and C, ultimate<br>design<br>wind speed < 140 mph  | 28     | 32      | 34      | 38      | 42   |
|   | SDC D <sub>1</sub> , D <sub>2</sub> and D <sub>3</sub> , ultimate<br>design<br>wind speed < 140 mph | 32     | 32      | 34      | NP      | NP   |
| CS-G  | Adjacent clear opening height<br>(inches)   | 24     | 27      | 30      | 33      | 36   |
| CS-WSP, CS-SFB  | ≤ 64  | 24     | 27      | 30      | 33      | 36   |
|   | 68  | 26     | 27      | 30      | 33      | 36   |
|   | 72  | 27     | 27      | 30      | 33      | 36   |
|   | 76  | 30     | 29      | 30      | 33      | 36   |
|   | 80  | 32     | 30      | 30      | 33      | 36   |
|   | 84  | 35     | 32      | 32      | 33      | 36   |
|   | 88  | 38     | 35      | 33      | 33      | 36   |
|   | 92  | 43     | 37      | 35      | 35      | 36   |
|   | 96  | 48     | 41      | 38      | 36      | 36   |
|   | 100   | —      | 44      | 40      | 38      | 38   |
|   | 104   | —      | 49      | 43      | 40      | 39   |
|   | 108   | —      | 54      | 46      | 43      | 41   |
|   | 112   | —      | —       | 50      | 45      | 43   |
|   | 116   | —      | —       | 55      | 48      | 45   |
|   | 120   | —      | —       | 60      | 52      | 48   |
|   | 124   | —      | —       | —       | 56      | 51   |
|   | 128   | —      | —       | —       | 61      | 54   |
|   | 132   | —      | —       | —       | 66      | 58   |
|   | 136   | —      | —       | —       | —       | 62   |
|   | 140   | —      | —       | —       | —       | 66   |
|   | 144   | —      | —       | —       | —       | 72   |
| METHOD<br>(See Table R602.10.4)                         |   |        |         |         |         |  |
|   | 8 feet  | 9 feet | 10 feet | 11 feet | 12 feet |  |
| PFH   | Supporting roof only  | 16     | 16      | 16      | Note c  | Note c   |
|   | Supporting one story and roof   | 24     | 24      | 24      | Note c  | Note c   |
| PFG   |   | 24     | 27      | 30      | Note d  | Note d   |
| CS-PF   | SDC A, B and C  | 16     | 18      | 20      | Note e  | Note e   |
|   | SDC D <sub>1</sub> , D <sub>2</sub> and D <sub>3</sub>  | 16     | 18      | 20      | Note e  | Note e   |

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s.

NP = Not Permitted.

a. Linear interpolation shall be permitted.

b. Use the actual length when it is greater than or equal to the minimum length.

c. Maximum header height for PFF is 10 feet in accordance with Figure R602.10.6.2, but wall height shall be permitted to be increased to 12 feet with pony wall.

d. Maximum header height for PFG is 10 feet in accordance with Figure R602.10.6.2, but wall height shall be permitted to be increased to 12 feet with pony wall.

e. Maximum header height for CS-PF is 10 feet in accordance with Figure R602.10.6.2, but wall height shall be permitted to be increased to 12 feet with pony wall.

| TABLE R602.10.4—continued<br>BRACING METHODS |  |        |  |  |
|--|--|--------|--|--|
| METHODS, MATERIAL                            | MINIMUM THICKNESS  | FIGURE | CONNECTION CRITERIA <sup>a</sup>   |  |
| Intermittent Bracing Methods                 | PFF<br>Portal frame with hold-downs  |        | See Section R602.10.6.2  | See Section R602.10.6.2                  |
|  | PFG<br>Portal frame at garage  |        | See Section R602.10.6.3  | See Section R602.10.6.3                  |
| Continuous Sheathing Methods                 | CS-WSP<br>Continuously sheathed wood structural panel  |        | Exterior sheathing per Table R602.3(3)<br>Interior sheathing per Table R602.3(1) or R602.3(2)                                    | 6" edges 12" field<br>Varies by fastener |
|  | CS-G <sup>+</sup><br>Continuously sheathed wood structural panel adjacent to garage openings |        | See Method CS-WSP  | See Method CS-WSP                        |
|  | CS-PF<br>Continuously sheathed portal frame  |        | See Section R602.10.6.4  | See Section R602.10.6.4                  |
|  | CS-SFB <sup>b</sup><br>Continuously sheathed structural fibroboard                           |        | 1 1/2" long x 0.12" dia. (for 1/2" thick sheathing) 1 1/2" long x 0.12" dia. (for 3/8" thick sheathing) galvanized roofing nails | 3" edges 6" field                        |

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 degree = 0.0175 rad, 1 pound per square foot = 47.8 N/m<sup>2</sup>, 1 mile per hour = 0.447 m/s.

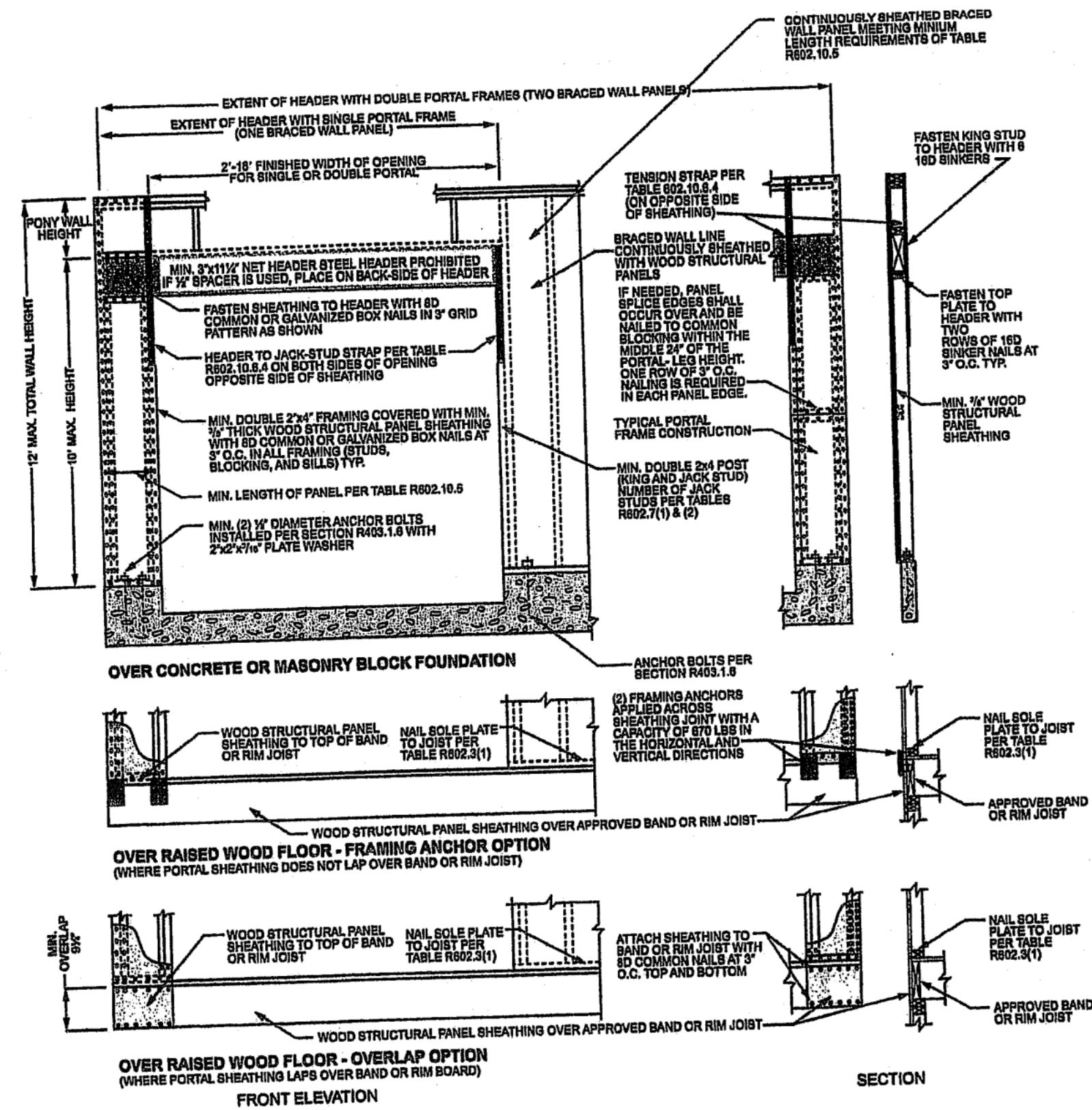
a. Adhesive attachment of wall sheathing, including Method GB, shall not be permitted in Seismic Design Categories C, D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub>.

b. Applies to panels next to garage door opening where supporting gable end wall or roof load only. Shall only be used on one wall of the garage. In Seismic Design Categories D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub> roof covering dead load shall not exceed 3 psf.

c. Garage openings adjacent to a Method CS-G panel shall be provided with a header in accordance with Table R602.7(1). A full-height clear opening shall not be permitted adjacent to a Method CS-G panel.

d. Method CS-SFB does not apply in Seismic Design Categories D<sub>1</sub>, D<sub>2</sub> and D<sub>3</sub>.

e. Method applies to detached one- and two-family dwellings in Seismic Design Categories D<sub>1</sub> through D<sub>3</sub> only.



For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm.

**FIGURE R602.10.6.4  
METHOD CS-PF—CONTINUOUSLY SHEATHED PORTAL FRAME PANEL CONSTRUCTION**

BUILD IN ACCORDANCE WITH  
2018 INTERNATIONAL  
RESIDENTIAL CODE AND  
LOCAL CODES.

TRUMARK CUSTOM HOMES  
LOT 4 WOODLAND OAKS  
2616 NE WOODLAND OAK DR  
LEE SUMMIT MO

SCALE  
1/4" = 1-0

DATE  
9-3-25

PLAN NO.

4474

SHEET NO.

