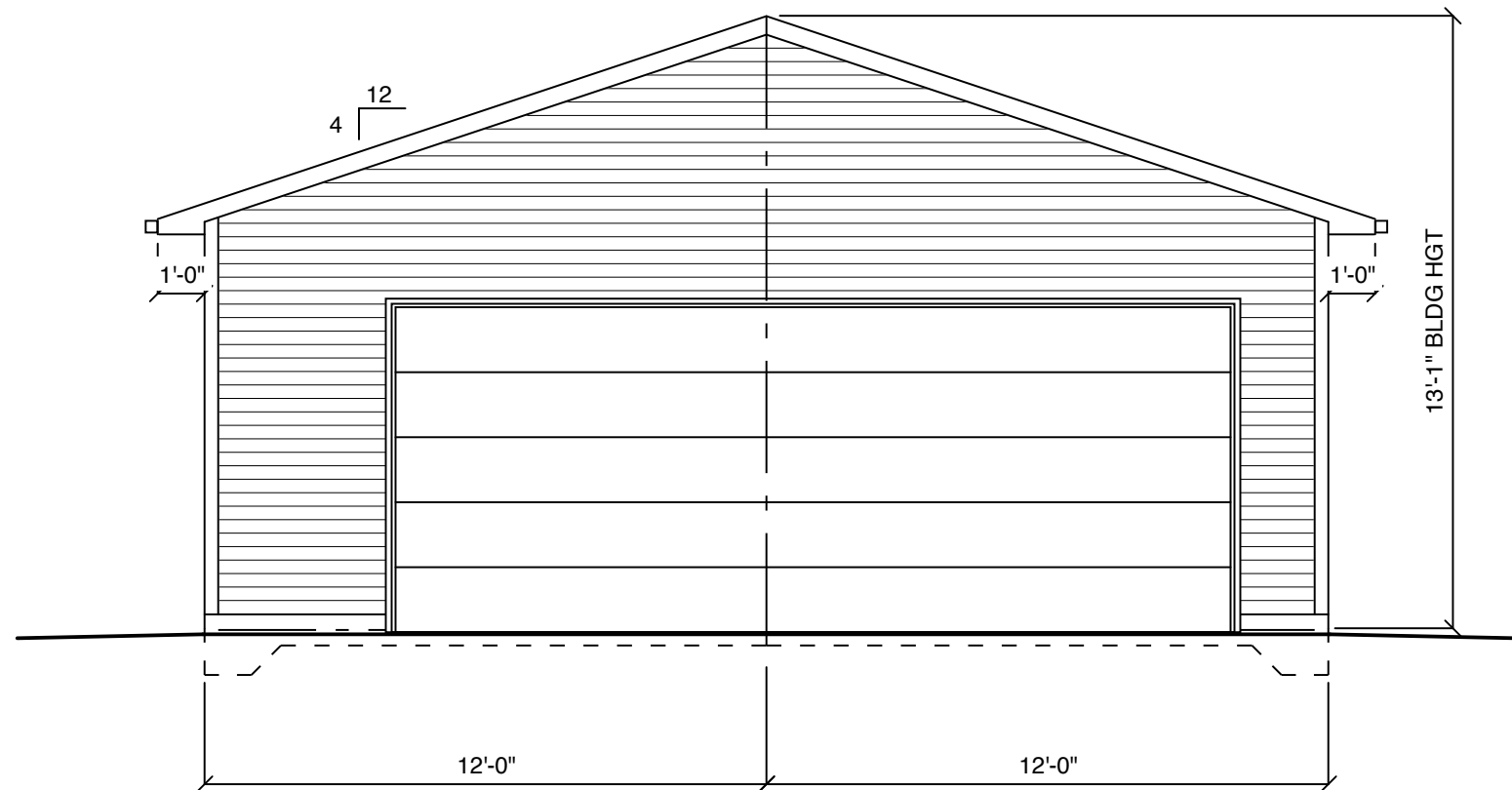
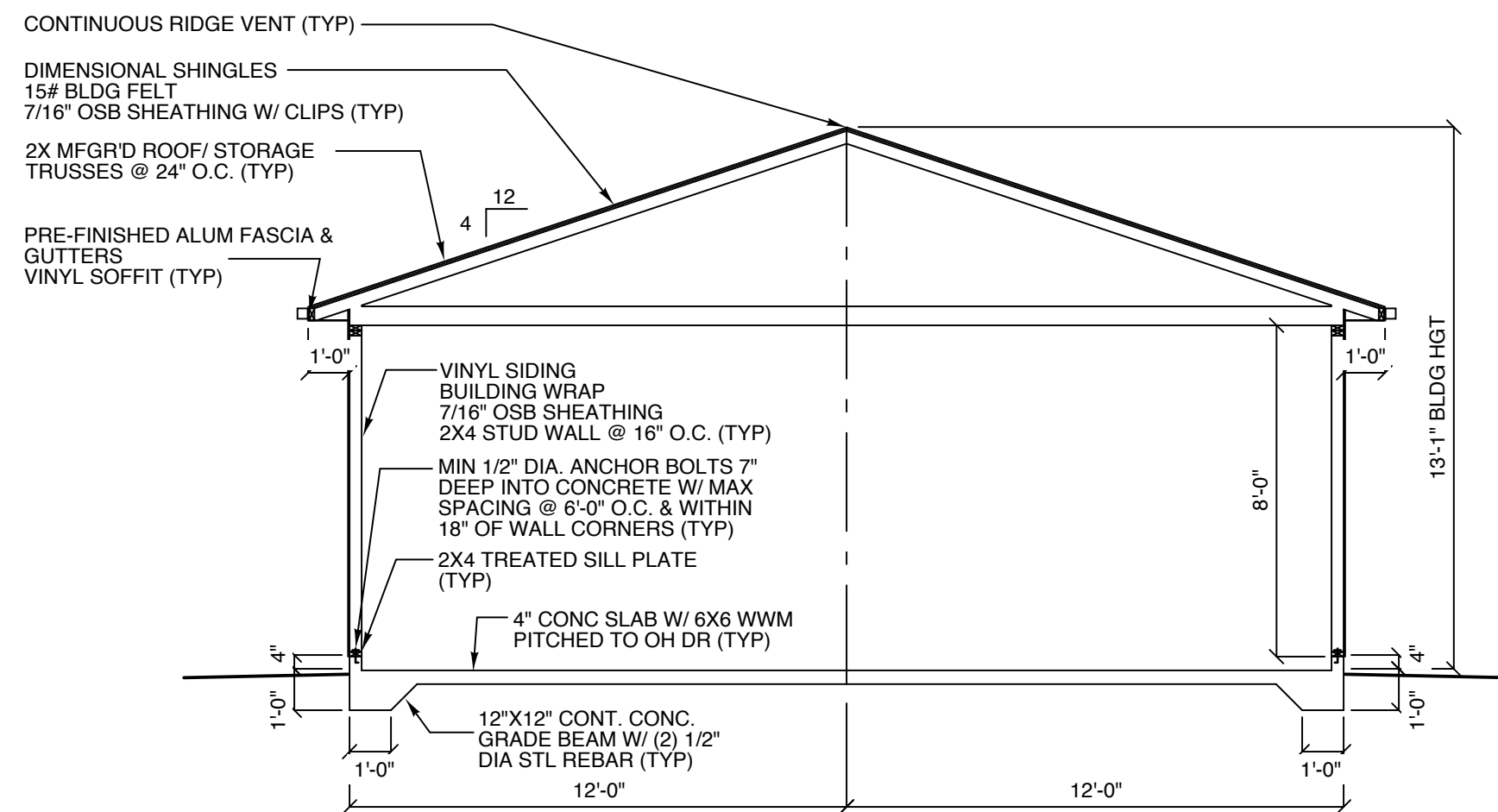
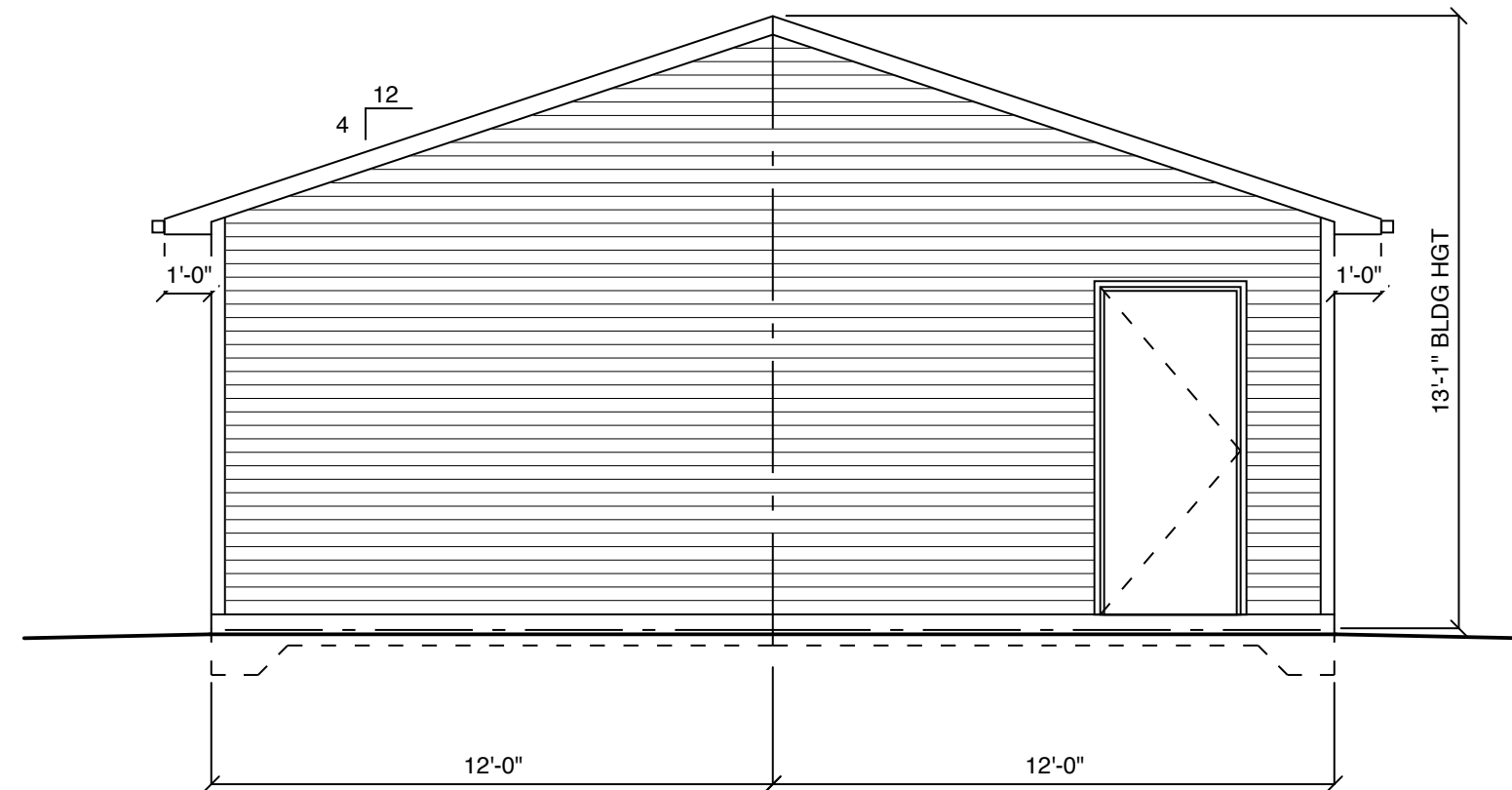




1 FRONT EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 TYPICAL WALL SECTION
SCALE: 1/4" = 1'-0"



3 REAR EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

SPS 321.25 WISCONSIN ADMINISTRATIVE CODE 44

Table 321.25-G BRACING METHODS ¹					
Material	Minimum Brace Material Thickness or Size	Maximum Nominal Wall Height ²	Minimum Braced Wall Panel Width or Brace Angle	Connection Criteria	
				Minimum Fasteners	Maximum Spacing
Intermittent Bracing Methods					
LBB ³ Let-in bracing	1x4 wood brace (or approved metal brace installed per manufacturer instructions)	10'	45° angle and maximum 16" o.c. stud spacing ⁴	2-8d common nails or 3-8d box nails (2 3/8" long x 0.113" diameter)	Per stud and top and bottom plates ⁵
DWB Diagonal wood bracing	3/4" (1" nominal) for maximum 24" o.c. stud spacing	10'	48°	2-8d box nails (2 3/8" long x 0.113" diameter) or 2-1 3/4" long 16-gage staples	Per stud and top and bottom plates ⁵
WSP Wood structural panel	3/8" for maximum 16" o.c. stud spacing; 7/16" for maximum 24" o.c. stud spacing	10'	48°	6d common nail or 8d box nail (2 3/8" long x 0.113" diameter) or 7/16" or 1/2"-crown 16-gage staples, 1 1/4" long	6" edges, 12" field (nails) 3" edges, 6" field (staples)
SFB Structural fiber-board sheathing	1/2" for maximum 16" o.c. stud spacing	10'	48°	1 1/2" long x 0.130" diameter galvanized roofing nails or 1"-crown 16-gage staples, 1 1/4" long	3" edges, 6" field
GB Gypsum board (installed on both sides of wall)	1/2" for maximum 24" o.c. stud spacing	10'	96°	5d cooler nails, or #6 screws	7" edges, 7" field (including top and bottom plates)
Continuous Sheathed Bracing Methods					
CS-WSP ⁹ Continuous sheathed WSP	3/8" for maximum 16" o.c. stud spacing; 7/16" for maximum 24" o.c. stud spacing	12'	Refer to Table 321.25-II	Same as WSP	Same as WSP
CS-SFB ¹⁰ Continuous sheathed SFB	1/2" for maximum 16" o.c. stud spacing	12'	Refer to Table 321.25-II	Same as SFB	Same as SFB
Narrow Panel Bracing					
PF ¹¹ Portal frame	7/16"	12'	Refer to Figure 321.25-A	Refer to Figure 321.25-A	Refer to Figure 321.25-A

¹The interior side of all exterior walls shall be sheathed with minimum 1/2-inch gypsum wallboard unless otherwise permitted to be excluded by this subsection. All edges of panel-type wall bracing, except horizontal joints in GB bracing, shall be attached to framing or blocking.

²The actual measured wall height shall include stud height and thickness of top and bottom plates. The actual wall height shall be permitted to exceed the listed nominal values by not more than 6/16 inches. Tabulated bracing amounts in SPS 321.25 (G) are based on a 10-foot nominal wall height for all bracing methods and shall be permitted to be adjusted to other nominal wall heights not exceeding 12 feet in accordance with footnotes to Table 321.25-I or Table 321.25-F.

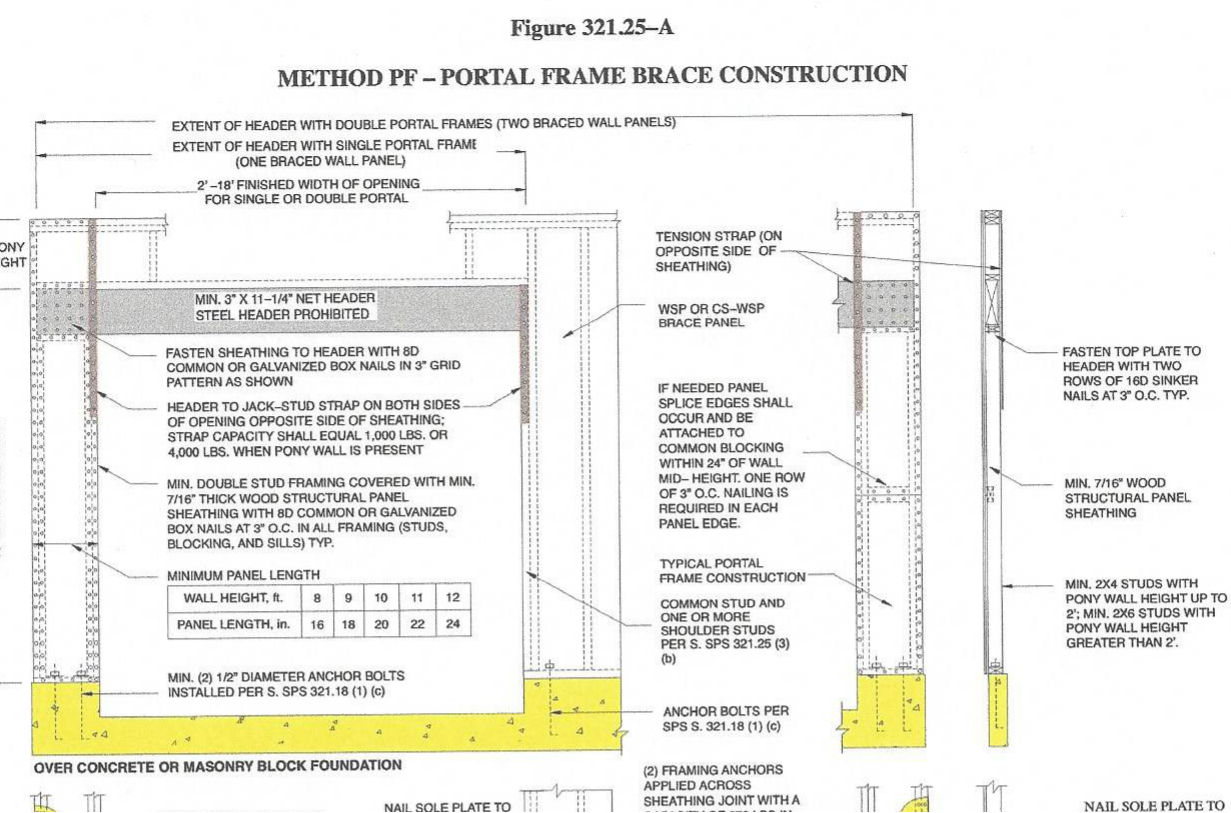
³LBB is not permitted for walls supporting a roof and two floors. Two LBB braces installed at a 60° angle from horizontal shall be permitted to be substituted for each 45° angle LBB brace.

⁴Bracing with CS-WSP and CS-SFB shall have sheathing installed on all sheathable surfaces above, below, and between wall openings.

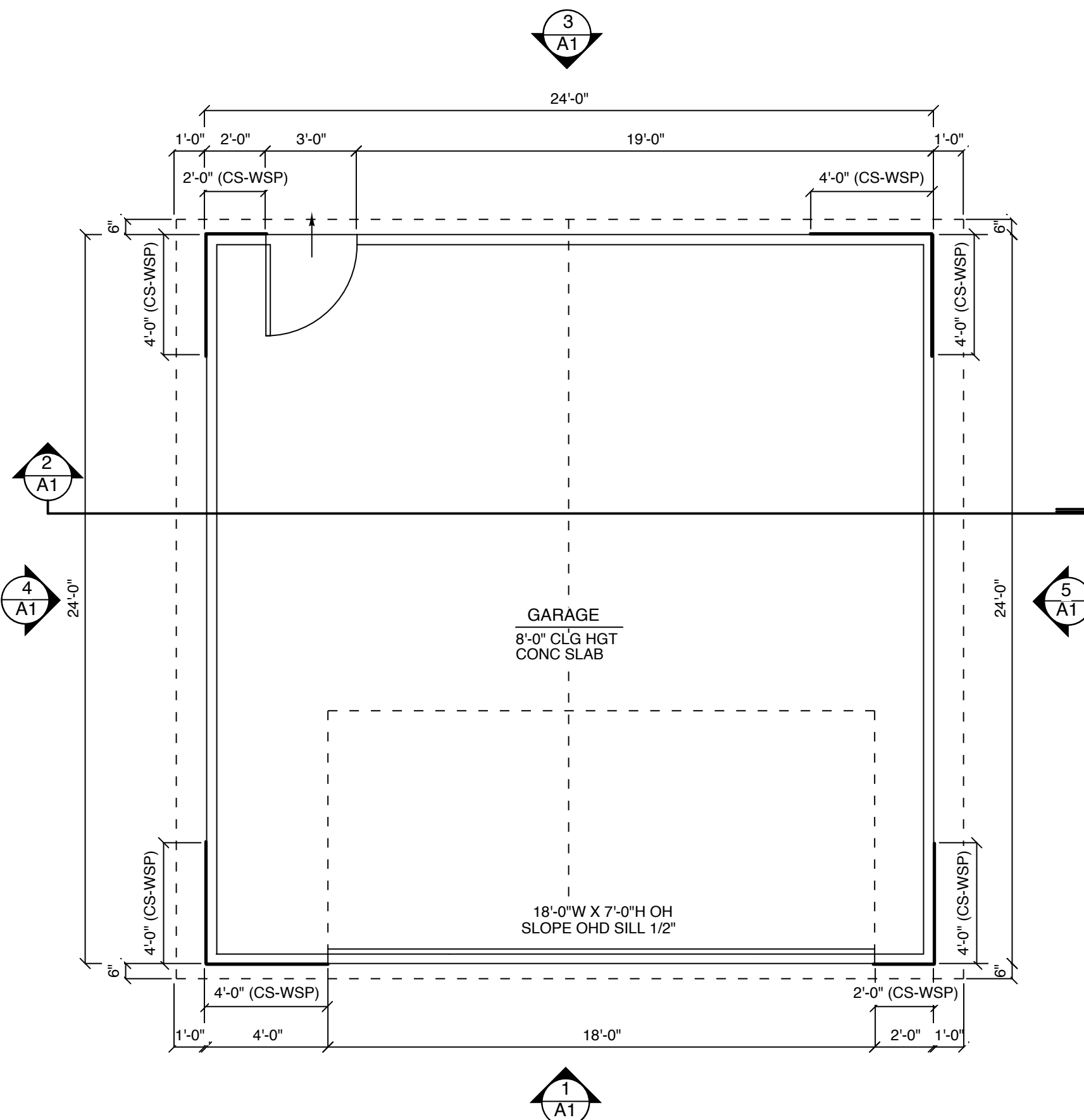
⁵Shall be attached to the top and bottom plates and any intermediate studs, in one continuous length.

⁶Each braced panel may contain no more than one hole, having a maximum dimension of no more than ten percent of the least dimension of the panel, and confined to the middle three-fourths of the panel.

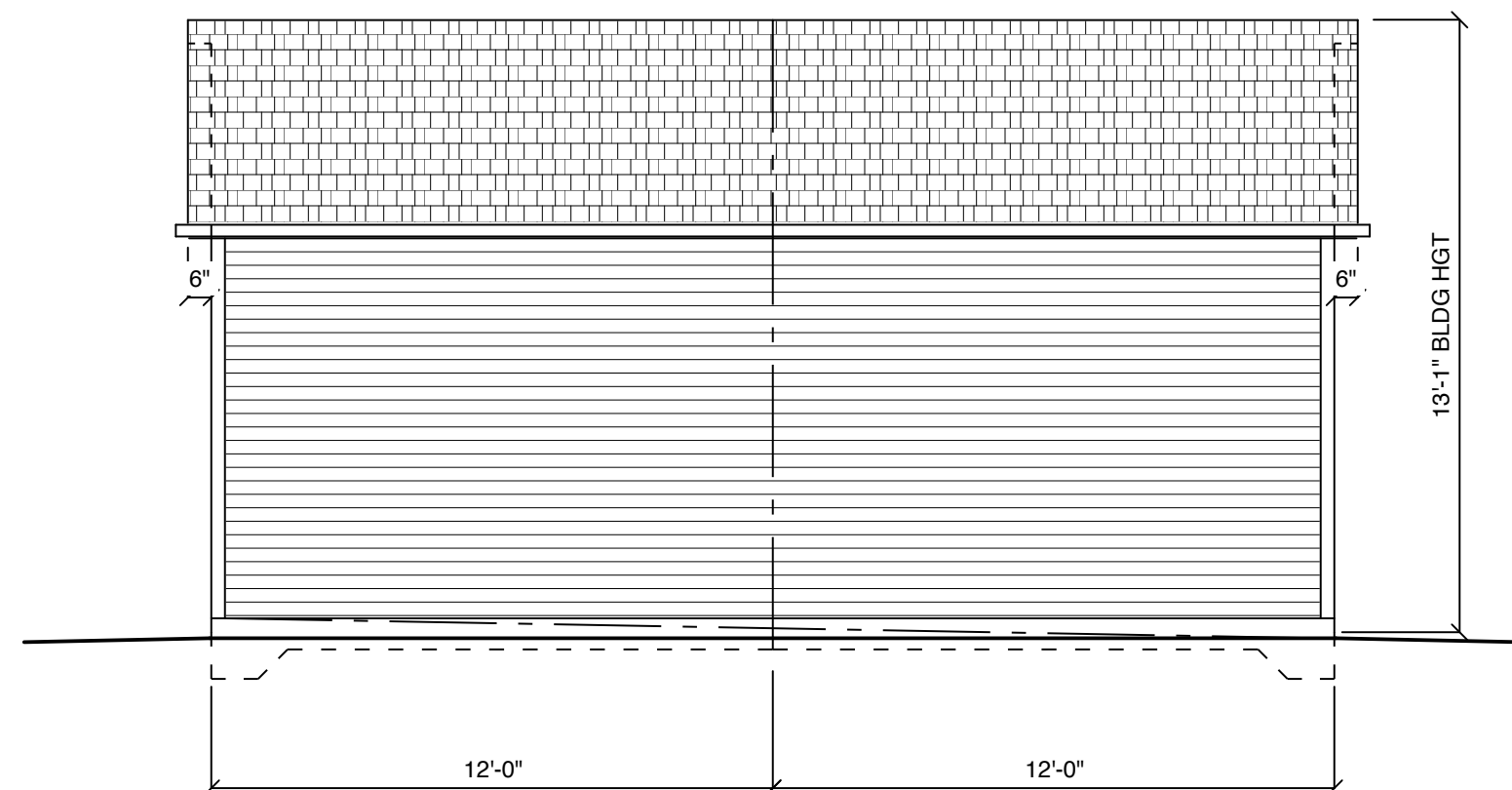
45 SAFETY AND PROFESSIONAL SERVICES SPS 321.25



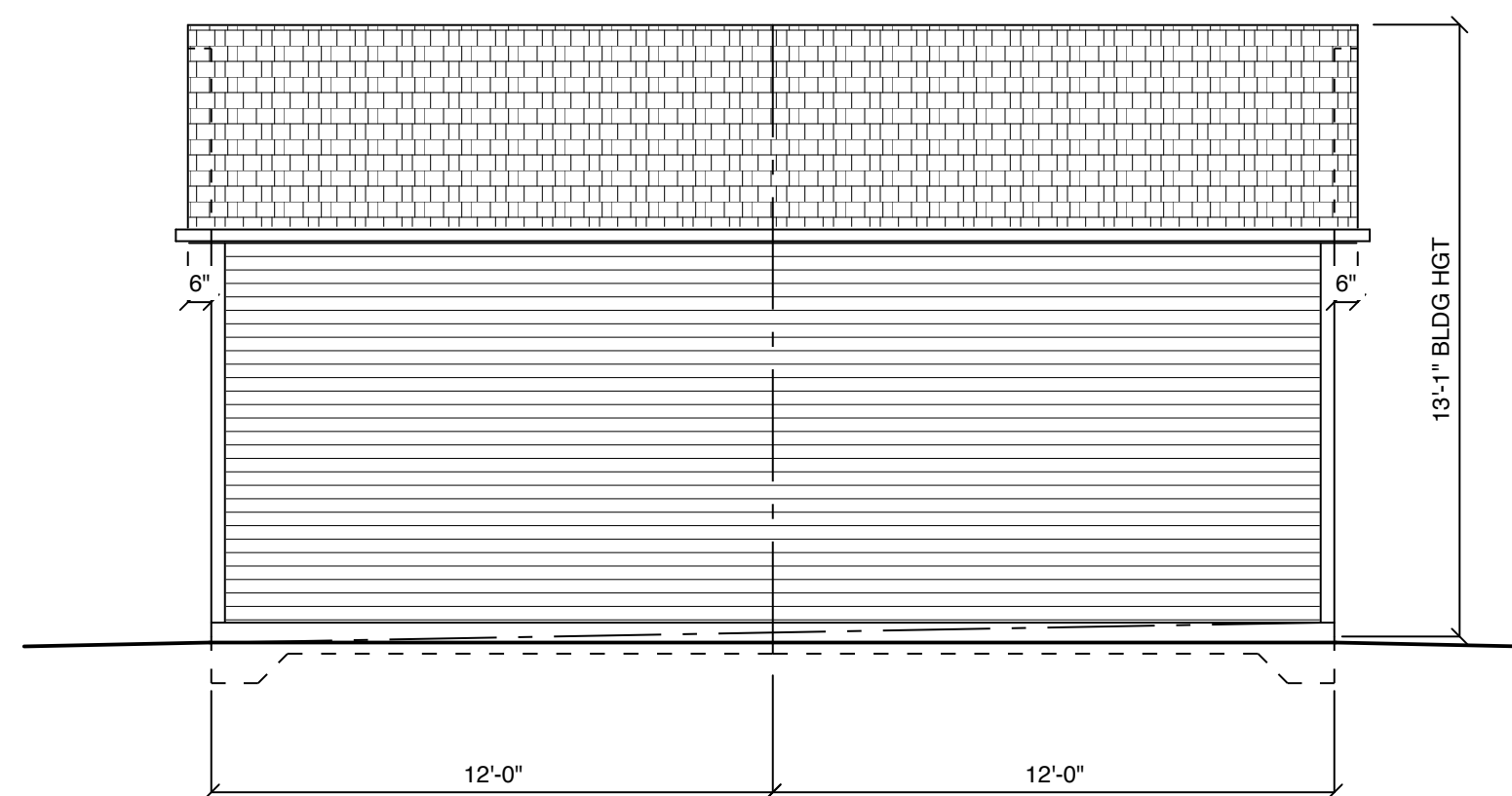
CHOSEN WALL BRACING @ GARAGE DOOR WALLS



PROPOSED GARAGE PLAN
SCALE: 1/4" = 1'-0"



4 LEFT EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



5 RIGHT EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS:

AMERICAN GARAGE BUILDERS-KRZYKOWSKI
NEW CONSTRUCTION
121 S. CHARLES ST.
WAUKESHA, WI 53186

SHEET TITLE
PROPOSED FLOOR
PLAN, BUILDING
SECTION &
EXTERIOR
ELEVATIONS
DRAWN
GE
CHECKED
GE
DATE
11 APRIL 2019
JOB NO.
2019.10.05
SHEET

A1
OF