

PROJECT: DEMO CONCRETE PAD AND BUILD 20'X20' DETACHED GARAGE

OWNER: ALEXANDER FERRIS & REBEKAH DAVIS

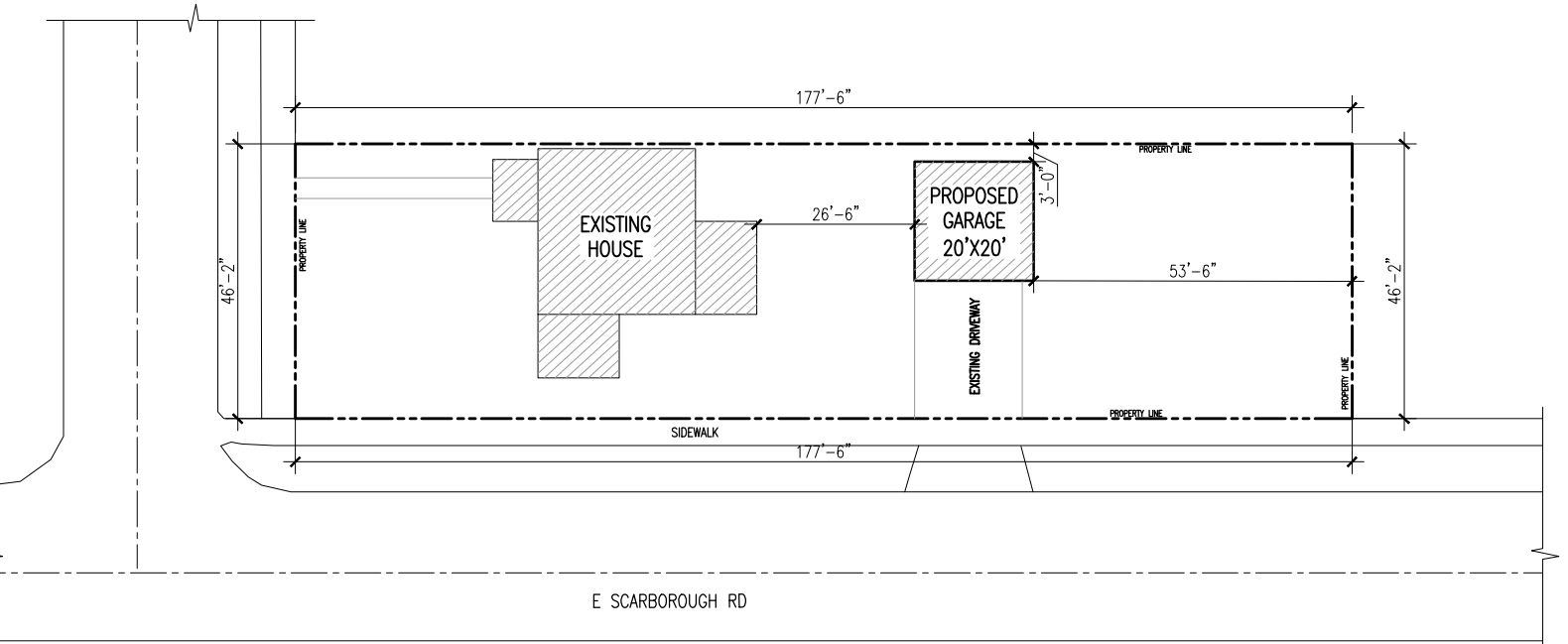
ADDRESS: 2418 PRINCETON RD, CLEVELAND HEIGHTS, OH, 44118

COLORS & MATERIALS	
SIDING COLOR:	Oceanside
TRIM COLOR:	White
ROOFING COLOR:	Moire Black

DRAWING INDEX	CODE DATA
1 TITLE SHEET	2019 OHIO RESIDENTIAL CODE
2 SITE PLAN	ROOF LIVE LOAD 30 PSF
3 ELEVATIONS	GROUND SNOW LOAD 20 PSF
4 FLOOR PLAN	WIND SPEED 115 MPH
5 WALL SECTION	LUMBER GRADE #2 SPF
6 ELECTRICAL PLAN	



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216-459-0000



IMPORTANT NOTICE TO HOMEOWNER:
PLEASE HAVE POWER TO SHUT OFF
BEFORE DEMOLITION AND HAVE ELECTRIC
POWER FROM THE HOUSE ACCESSIBLE
FOR POWER TOOLS.

I(We) have reviewed these drawings and
agree that it is a true representation
of the work to be performed on my
property.
I also understand that I am responsible
for the location of my property lines,
painting, backfill and landscaping of my
property.

Homeowner: _____

Homeowner: _____

Date: _____

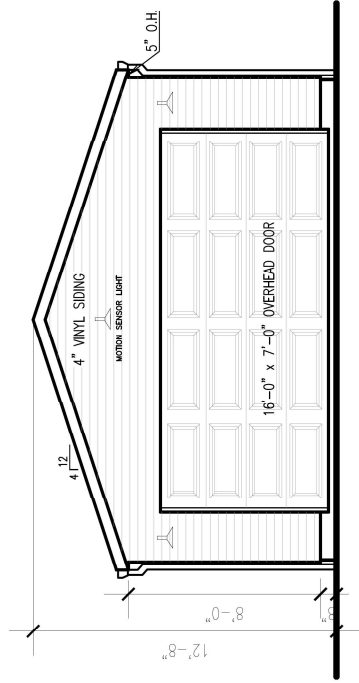
SITE PLAN

Scale: 1/32"=1'-0"

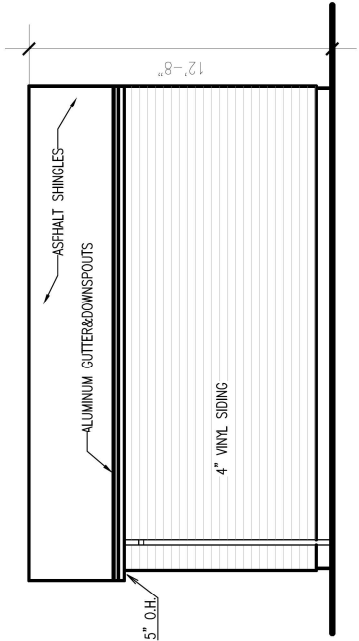


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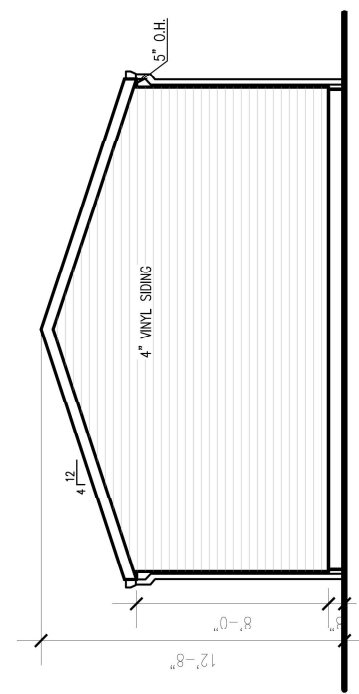
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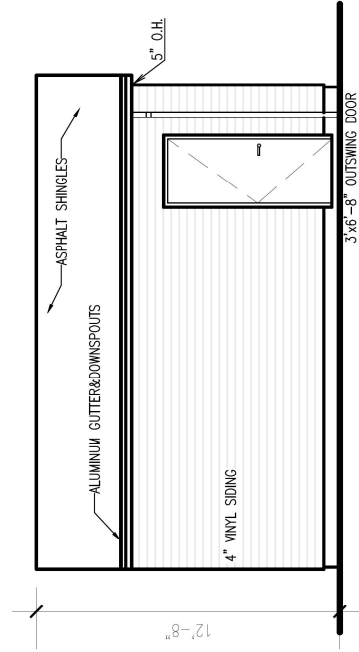
FRONT ELEVATION
 Scale: 1/8"=1'-0"



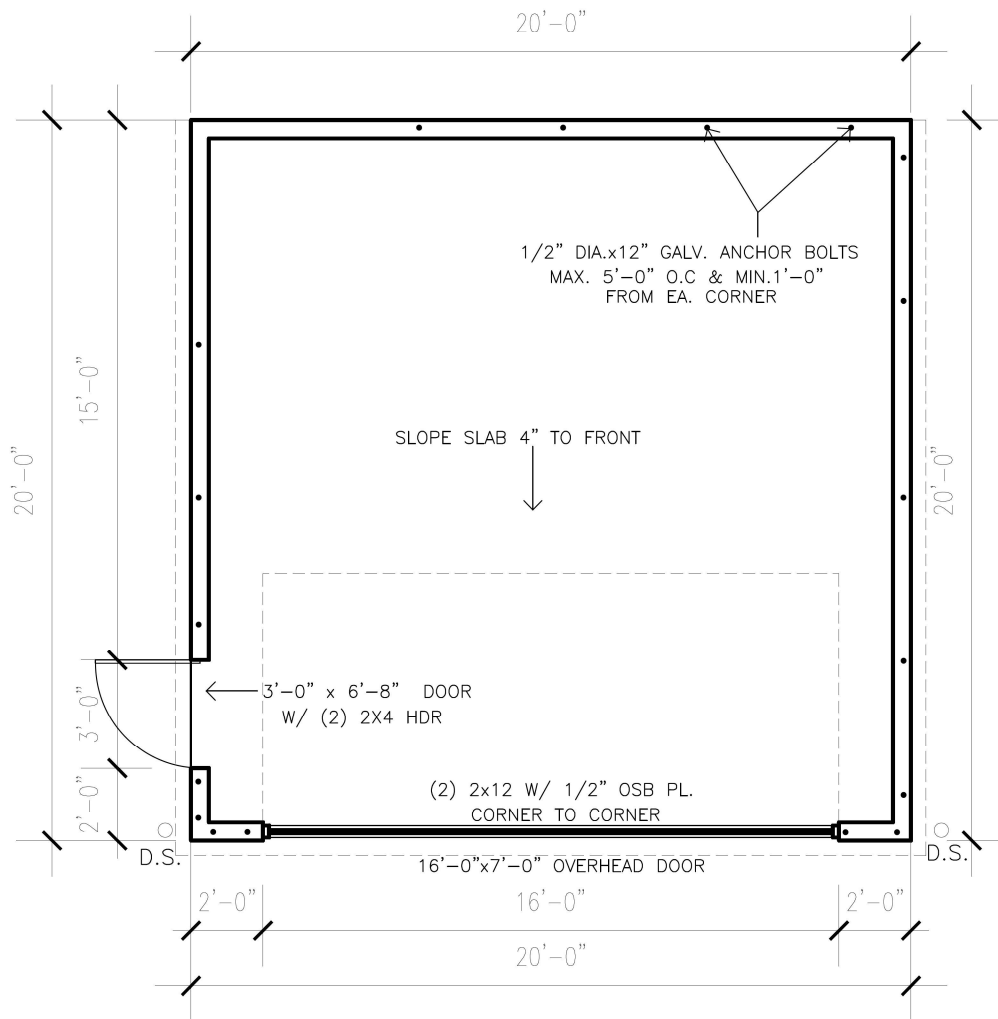
RIGHT ELEVATION
 Scale: 1/8"=1'-0"



REAR ELEVATION
 Scale: 1/8"=1'-0"

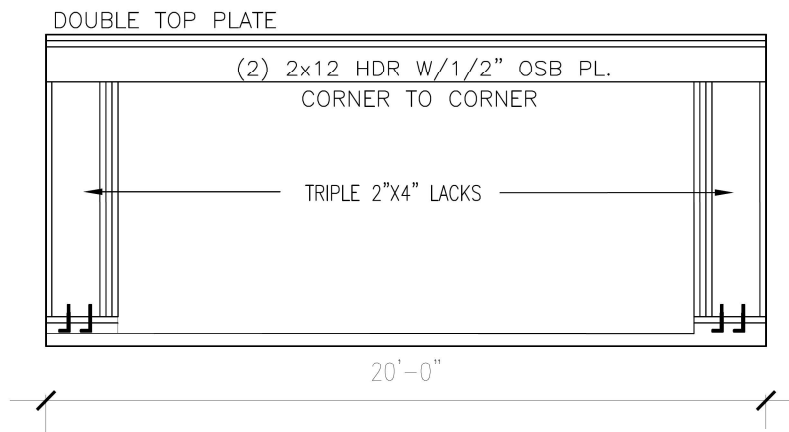


LEFT ELEVATION
 Scale: 1/8"=1'-0"



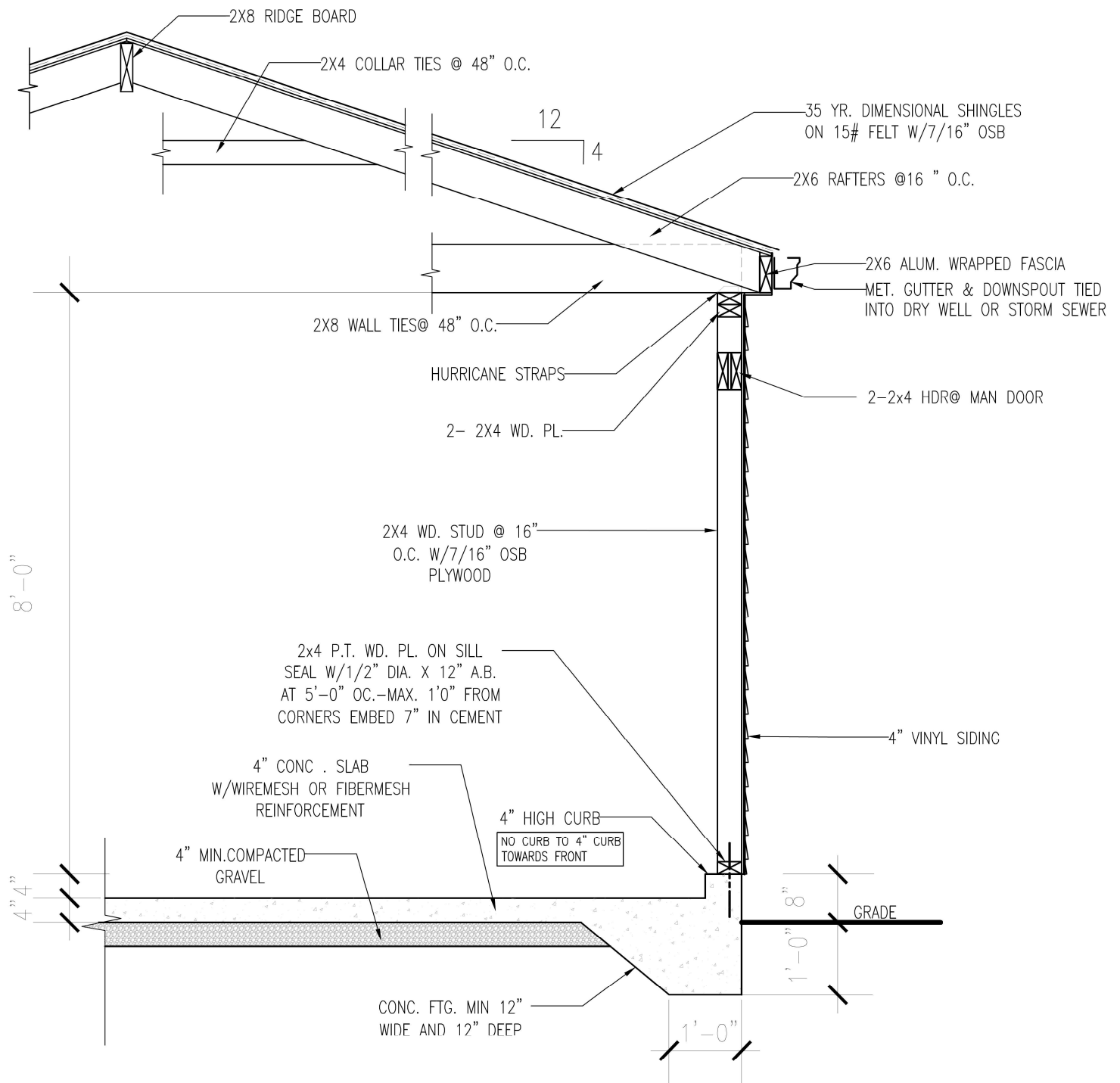
FLOOR PLAN

Scale: $3/16" = 1'-0"$



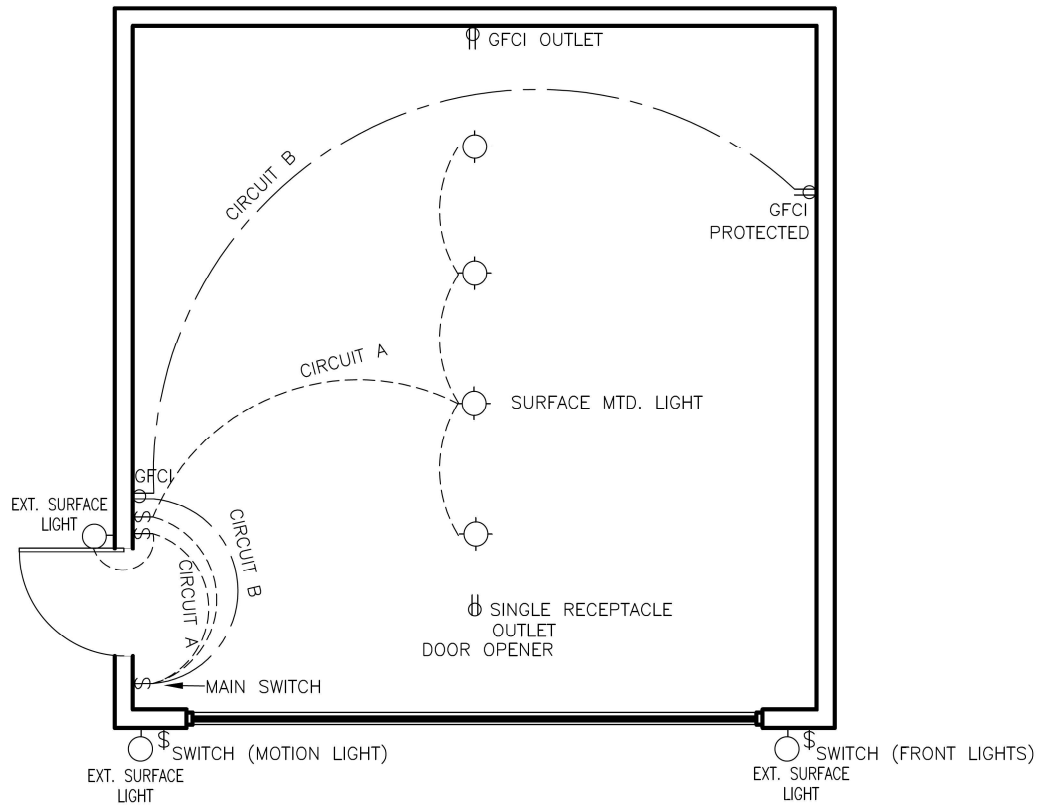
FRONT WALL CONSTRUCTION

Scale: $3/16" = 1'-0"$



WALL SECTION

Scale: 1/2"=1'-0"



(1)The wiring for the garage will be installed in $\frac{1}{2}$ " rigid metal conduit or $\frac{1}{2}$ " PVC (RMC installed to comply with NEC 3005J)

(2)Two 20 AMP–120 Volt circuits. Garage GFCI receptacles to be installed on dedicated circuit.

ELECTRICAL PLAN

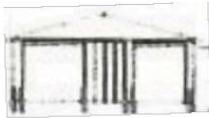
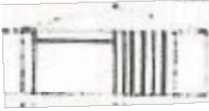
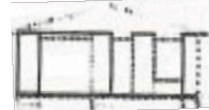
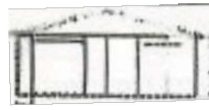
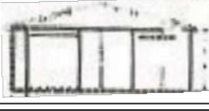
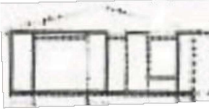
Scale: $\frac{3}{16}$ "=1'-0"



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TABLE 602.10.4 - continued
BRACING METHODS

METHODS, MATERIAL		MINIMUM THICKNESS	FIGURE	CONNECTION CRITERIA ^a	
				Fasteners	Spacing
Intermittent Bracing Method	PFH Portal frame with hold-downs	3/8 "		See Section 602.10.6.2	See Section 602.10.6.2
	PFG Portal frame at garage	7/16 "		See Section 602.10.6.3	See Section 602.10.6.3
Continuous Sheathing Methods	CS-WSP Continuously sheathed wood structural panel	3/8 "		Exterior sheathing per Table 602.3(3) Interior sheathing per Table R602.3(1) or R602.3(2)	6" edges 12" field Varies by fastener
	CS-G ^{b,c} Continuously sheathed wood structural panel adjacent to garage openings	3/8 "		See Method CS-WSP	See Method CS-WSP
	CS-PF Continuously sheathed portal frame	7/16 "		See Section 602.10.6.4	See Section 602.10.6.4
	CS-SFB ^d Continuously sheathed structural fiberboard	1/2" or 25/32" for maximum 16" stud spacing		11/2" long × 0.12" dia. (for 1/2" thick sheathing) 13/4" long × 0.12" dia. (for 25/32" thick sheathing) galvanized roofing nails or 8d common (21/2" long × 0.131" dia.) 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/m², 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

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.

c. Garage openings adjacent to a Method CS-G panel shall be provided with a header in accordance with Table 602.7(1). A full-height clear opening shall not be permitted adjacent to a Method CS-G panel.

d. Deleted

e. Deleted

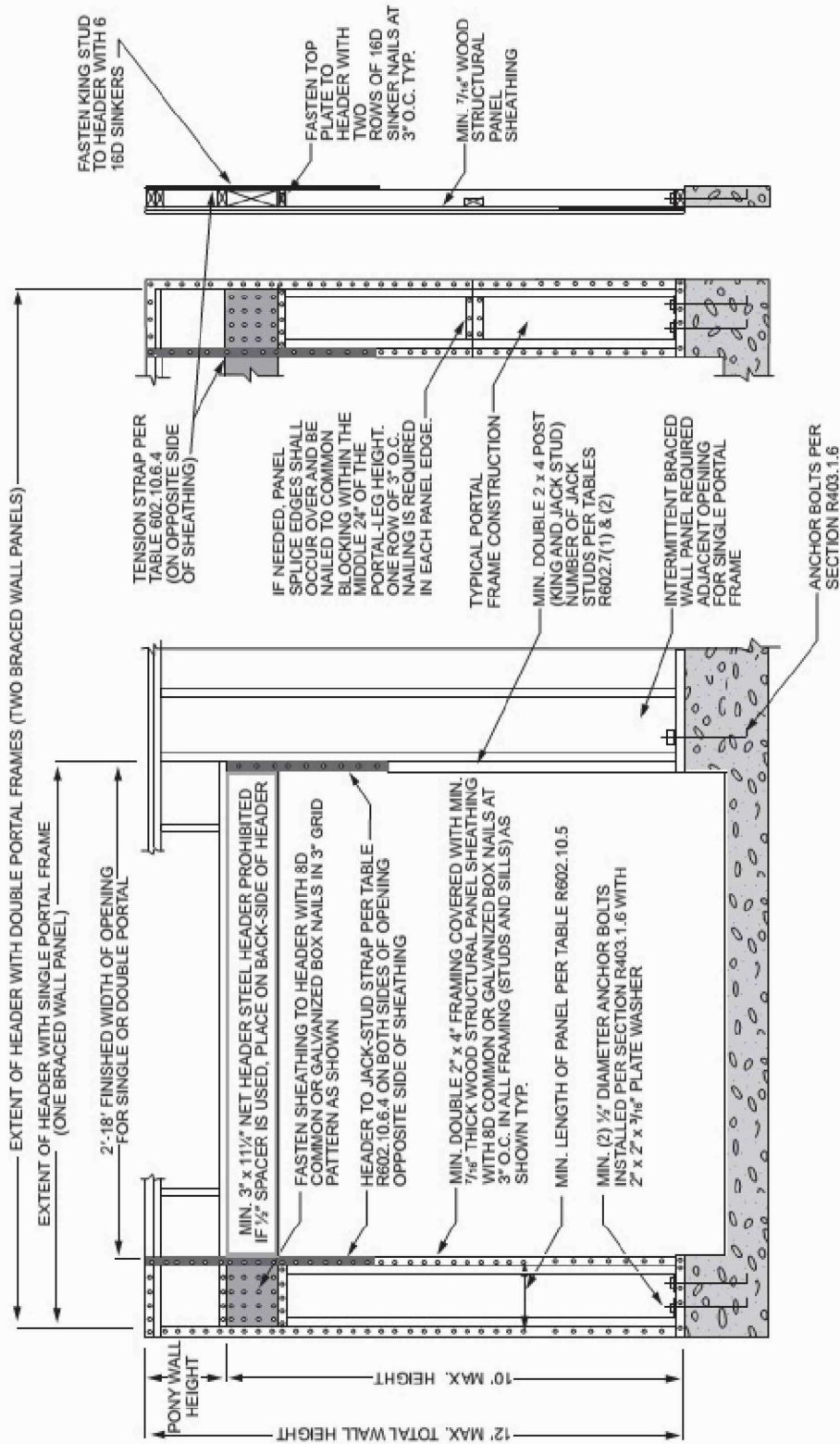
602.10.4 Construction methods for braced wall panels. Intermittent and continuously sheathed braced wall panels shall be constructed in accordance with this section and the methods listed in Table 602.10.4.

602.10.4.1 Mixing methods. Mixing of bracing methods shall be permitted as follows:

1. Mixing intermittent bracing and continuous sheathing methods from story to story shall be permitted.
2. Mixing intermittent bracing methods from braced wall line to braced wall line within a story shall be permitted. In regions within Seismic Design Categories A, B and C where the ultimate design wind speed is less than or equal to 130 mph (58m/s), mixing of intermittent bracing and continuous sheathing methods from braced wall line to braced wall line within a story shall be permitted.

R602.10.6.3 Method PFG: Portal Frame at Garage Door Openings in Seismic Design Categories A, B and C

Where supporting a roof or one story and a roof, a Method PFG *braced wall panel* constructed in accordance with Figure R602.10.6.3 shall be permitted on either side of garage door openings.



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

FIGURE R602.10.6.3

METHOD PFG—PORTAL FRAME AT GARAGE DOOR OPENINGS IN SEISMIC DESIGN CATEGORIES A, B AND C
WHERE APPLICABLE