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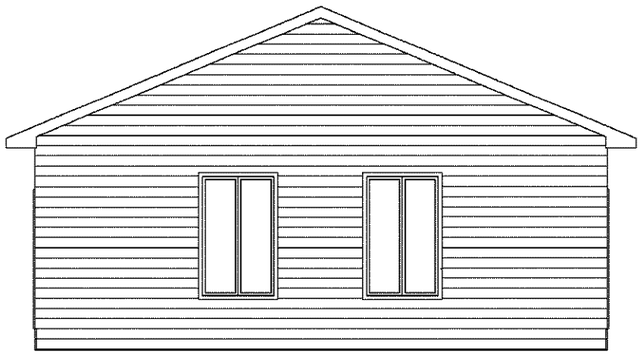
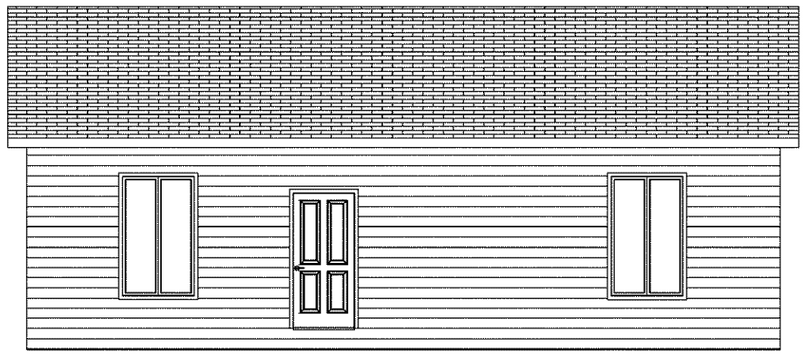
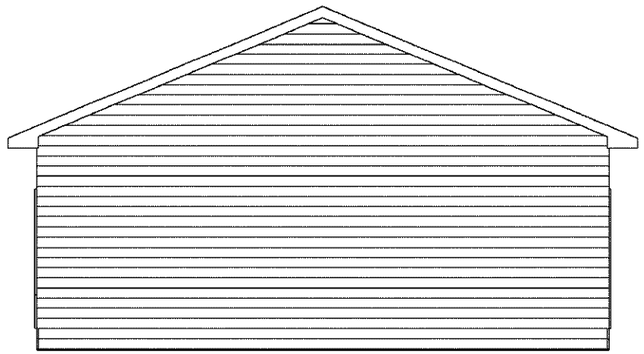


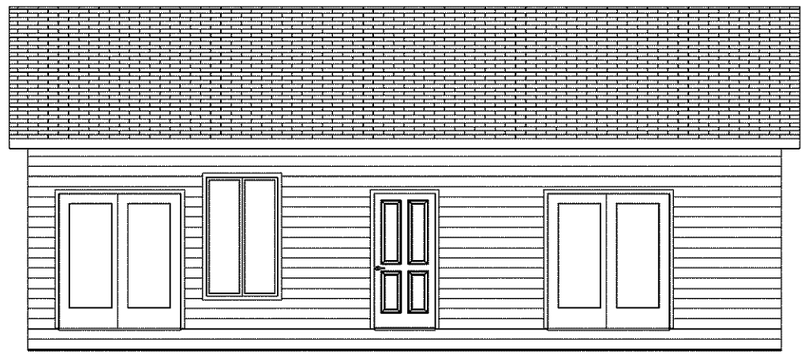
RIGHT ELEVATION



REAR ELEVATION



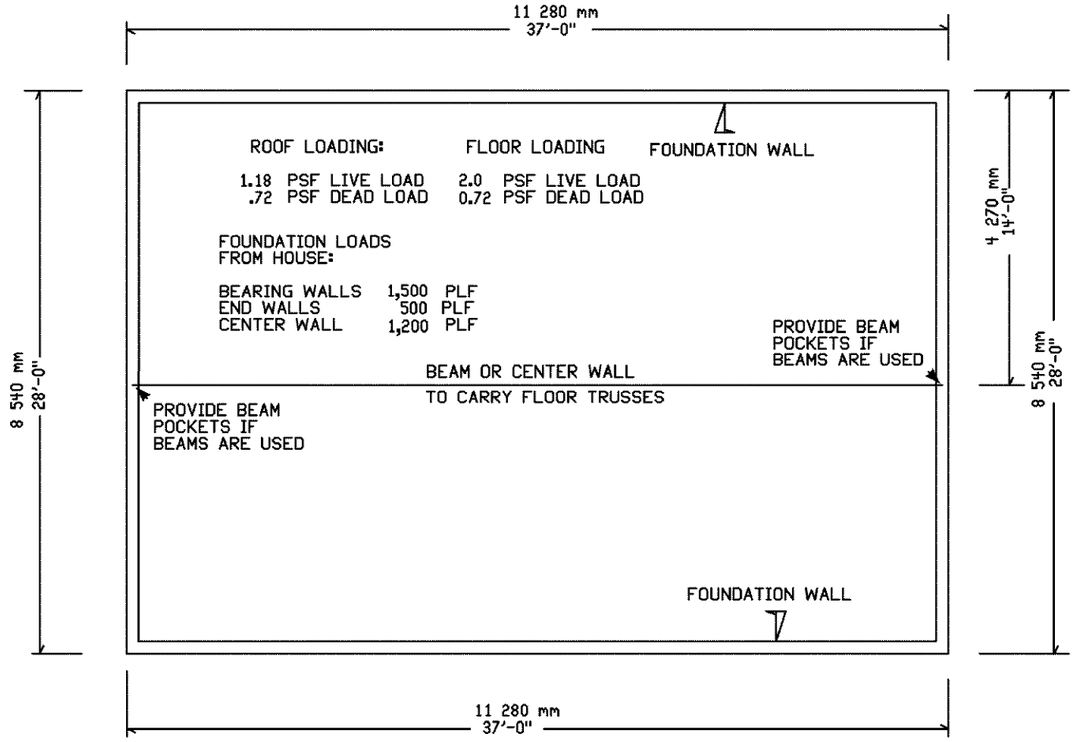
LEFT ELEVATION

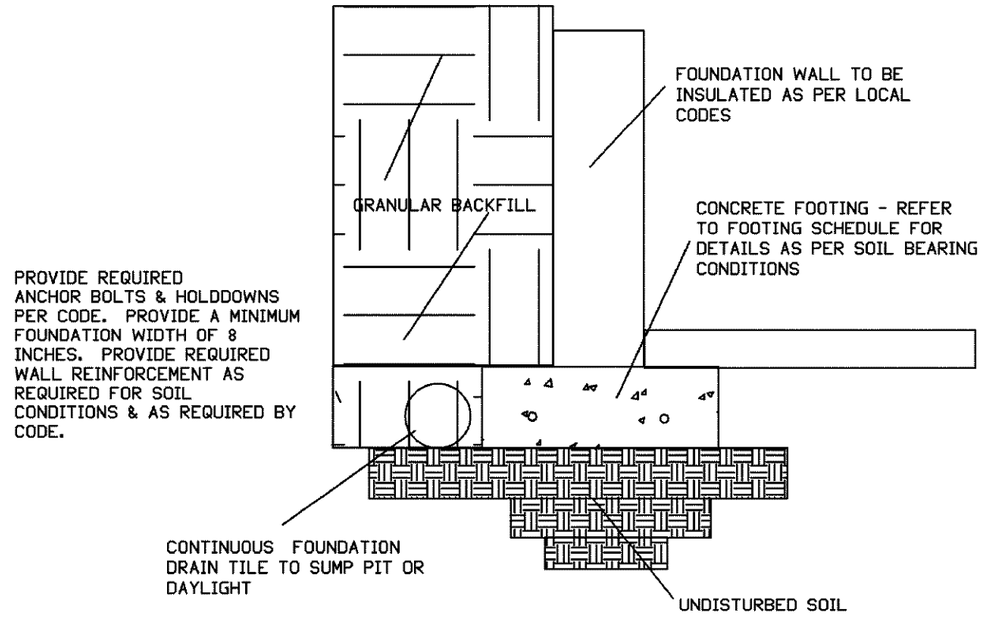


FRONT ELEVATION

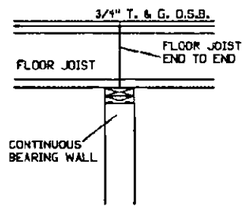
	ELEVATIONS	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. EL

R1S-28x37

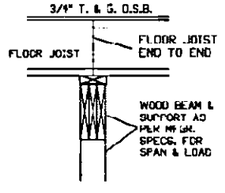




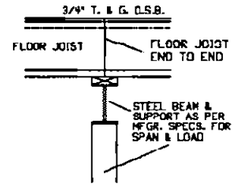
TYPICAL EXTERIOR WALL FOOTING DETAIL



CENTER BEARING SUPPORT
OPTION S-1

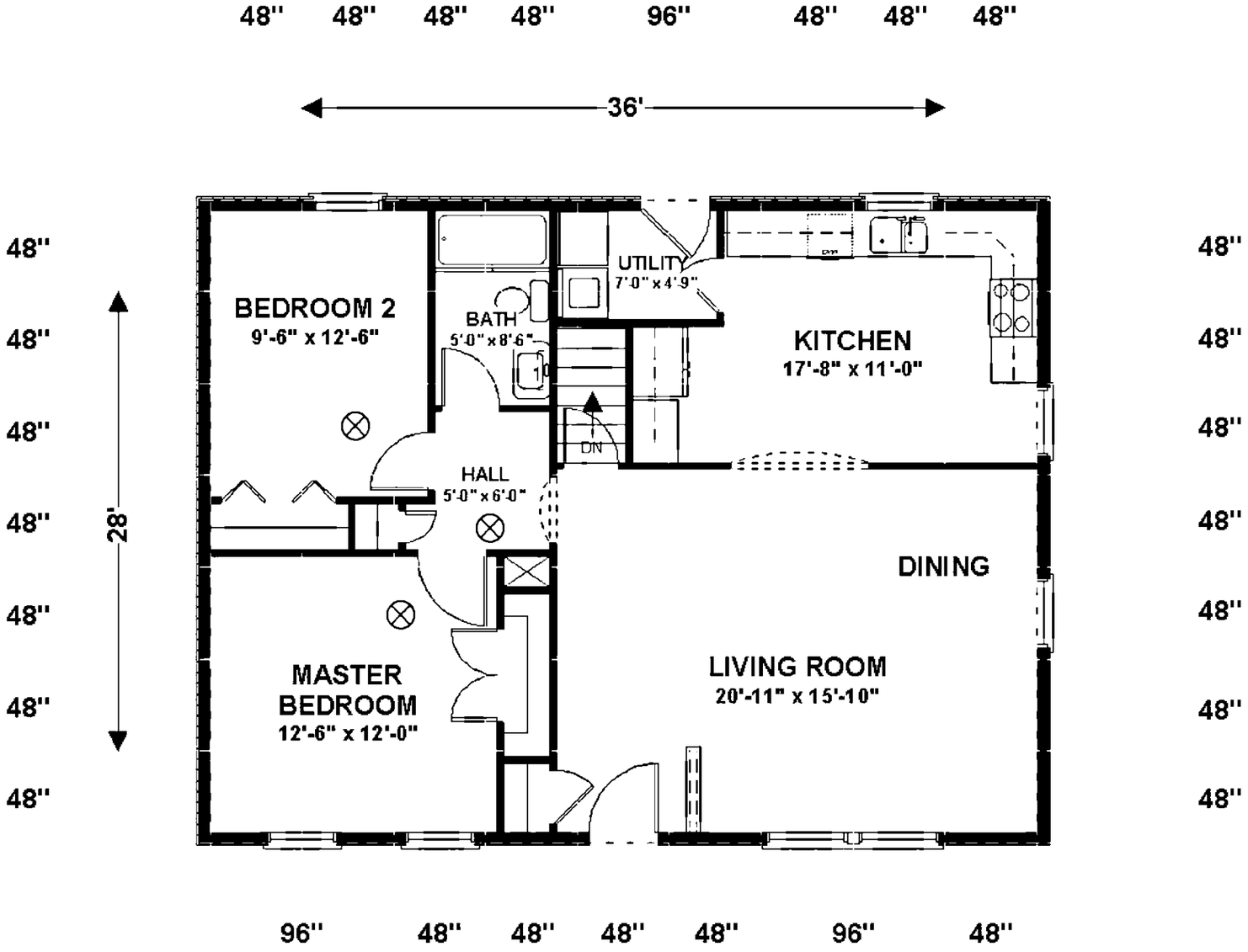


CENTER BEARING SUPPORT
OPTION S-2



CENTER BEARING SUPPORT
OPTION S-3

	FOUNDATION PLAN	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. FD



ENERGY CODE (Where Applicable):
Windows, Doors, and Insulation must meet the requirements of the Energy Code. Verify your compliance wth the Energy Code.

DOOR REQUIREMENTS (Where Applicable):
Main entry door must be 3'-0" width.
DOORS MEET Governing Building Code.

WINDOW REQUIREMENTS (Where Applicable):
Windows selected must meet the following:
WINDOWS Building Code.

Total window area of each habitable room must equal at least 10% of the floor area of the room.

Openable window area of each habitable room must equal at least 5% of the floor area of the room.

All sleeping rooms must have at least one window with 5.7 SF ans be 20" width minimum and 24" height minimum and have a maximum sill height of 39" above floor.

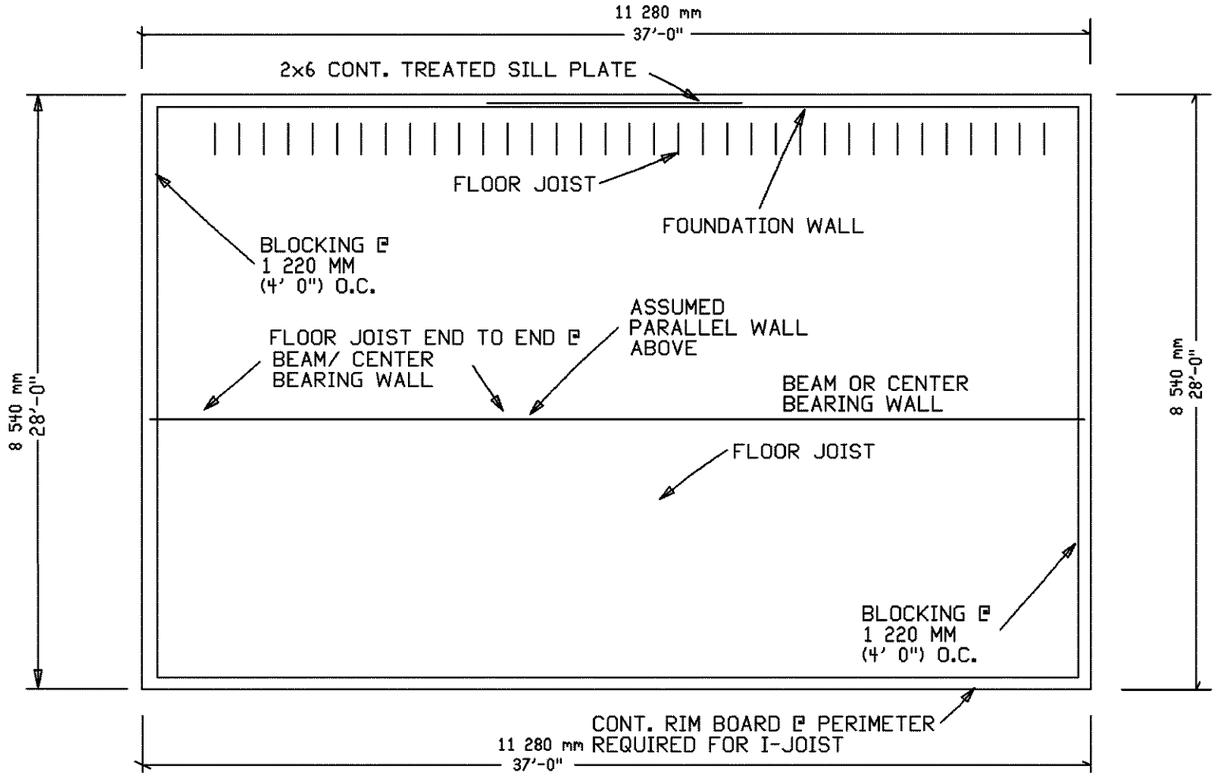
NOTE:

ENGINEERED TRUSS 24" O.C.
5/12 8" HEEL 16" OH
FOLLOW SPECIFICATIONS.

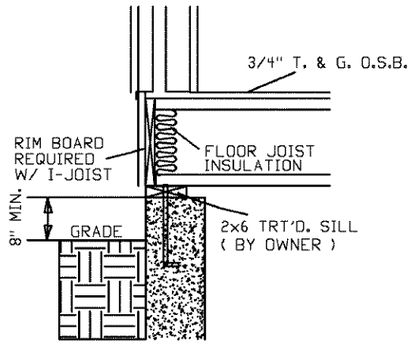
⊗ INDICATES SMOKE/CO DETECTOR LOCATION INTERCONNECTED

THIS IS A TYPICAL FLOOR PLAN.
IF YOU WANT TO DEVIATE FROM THE FLOOR PLAN SHOWN, IT IS THE OWNERS RESPONSIBILITY TO INFORM YOUR LOCAL BUILDING OFFICIAL OF ANY CHANGES.

	TYPICAL FLOOR PLAN	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. FP



FLOOR FRAMING PLAN



SILL DETAIL

ALL LUMBER TO BE No. 2 HEM-FIR, SPF, OR DF

FLOOR SHEATHING TO BE APA RATED FOR THE SPAN AND APPLICATION

INTERIOR WALLS SHOULD BE 2x4 STUDS ℄ 16" O.C. WITH A LAYER OF 1/2" DRYWALL ON EACH SIDE. THIS DESIGN IS NOT INTENDED FOR HEAVIER WALLS.

INSTALL SOLID BLOCKING TO ADJACENT FLOOR JOISTS WHERE INTERIOR WALLS PARALLEL THE FLOOR JOISTS.

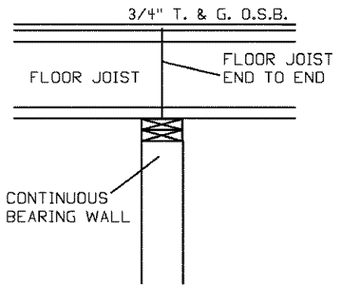
REFER TO MANUFACTURERS DRAWINGS FOR DESIGN SPECIFICATIONS.

ALL LOOSE LUMBER AND BLOCKING MUST BE PROVIDED BY OWNER OR BUILDER AND IS NOT PROVIDED BY GREEN-R-PANEL, TRUSS MFGRS., OR WALL PANEL SUPPLIERS.

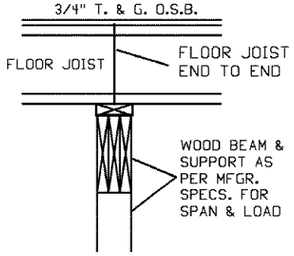
FLOOR LOADING:

RESIDENTIAL LIVE LOAD	1.9 kPa L.L.
FLOOR DEAD LOAD	0.7 kPa D.L.
TOTAL LOAD	2.6 kPa T.L.

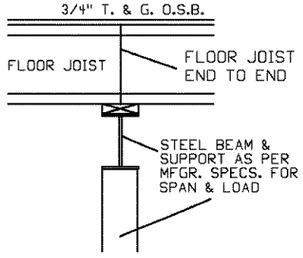
LOAD TO FLOOR JOIST ℄
16" O.C. = 16/12 x 2.6 = 3.5kG/m
19.2" = 19.2/12 x 2.6= 4.2 kG/m



CENTER BEARING SUPPORT
OPTION S-1



CENTER BEARING SUPPORT
OPTION S-2



CENTER BEARING SUPPORT
OPTION S-3

	FLOOR DETAILS	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. DF

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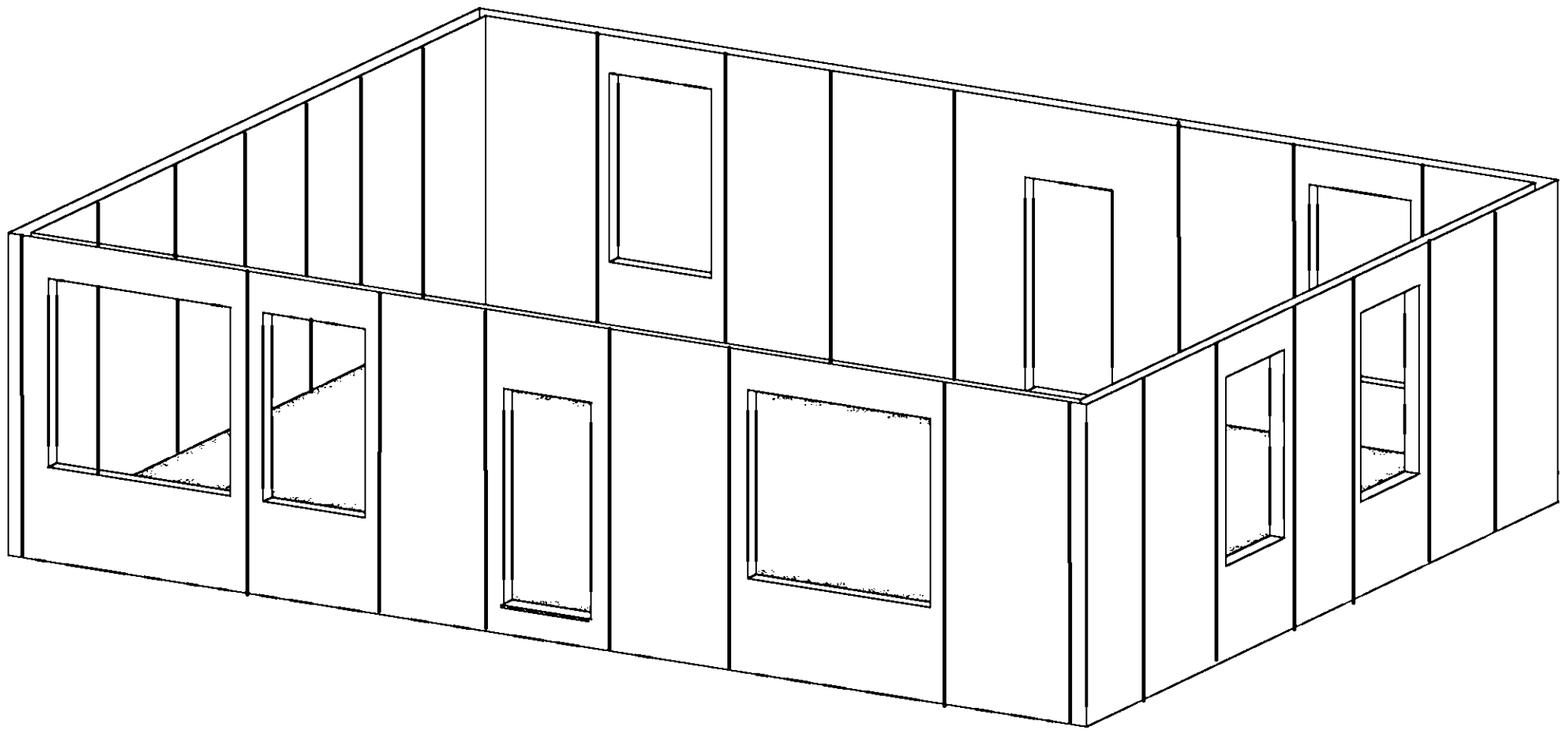
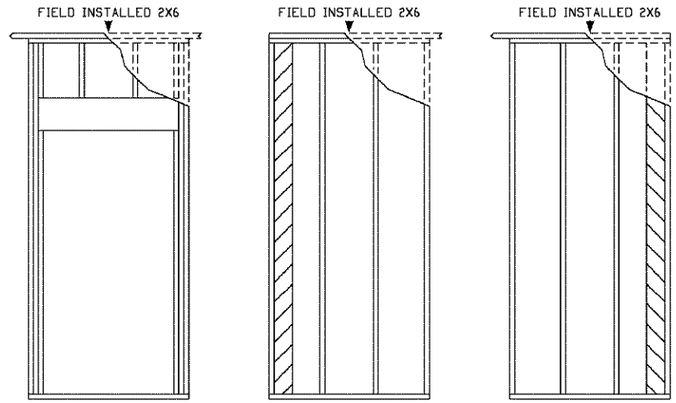


PANEL TYPE	PANEL DECRIPTION	PANEL SIZE.	ROUGH OPENING
WW8	Wide Window Panel	8x9	74-1/2"x70"
PD8	Patio Door Wide Panel	8x9	74-1/2"x82-1/2"
D8	Std Door in Wide Panel	8x9	38-1/2"x82-1/2"
C4R	Corner Panel	4x9	None
C4L	Corner Panel	4x9	None
F4	Full Panel	4x9	None
D4	Door Panel	4x9	38-1/2"x82-1/2"
W4	Window Panel	4x9	42"x70"



D4
DOOR PANEL

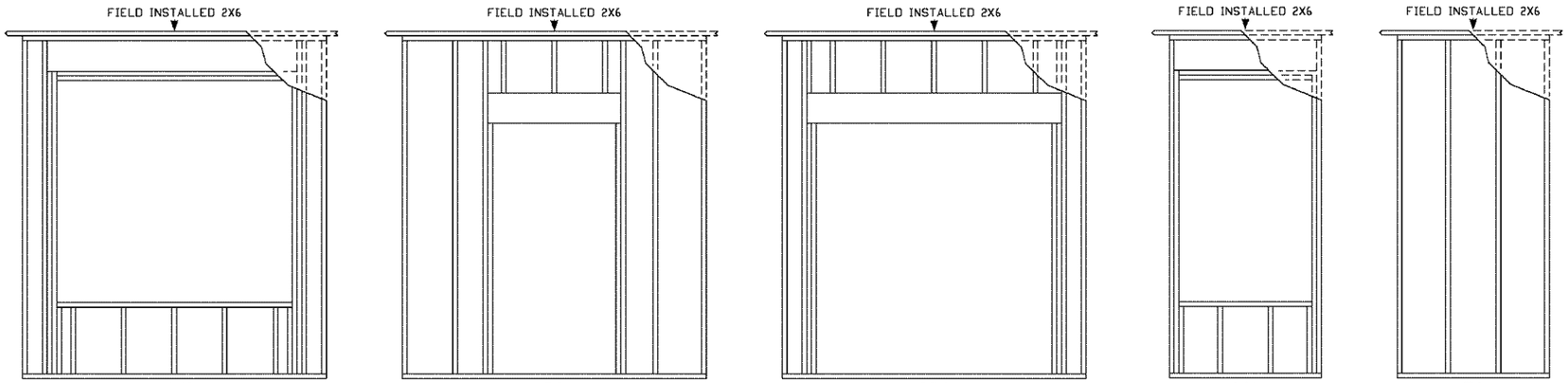
C4L
CORNER PANEL

C4R
CORNER PANEL

WALL PANEL CONSTRUCTION:

MANFACTURED WALL PANEL HEIGHT = 8'-11 5/8"
WALL PANEL HEIGHT W/ TOP PLATE = 9'-1 1/8"

WINDOWS START AT 24 INCHES ABOVE FLOOR.



WW8
WIDE WINDOW PANEL

D8
STD DOOR 8FT PANEL

PD8
PATIO DOOR PANEL

W4
WINDOW PANEL

F4
WALL PANEL

	WALL PANELS & PERSPECTIVE	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. WP

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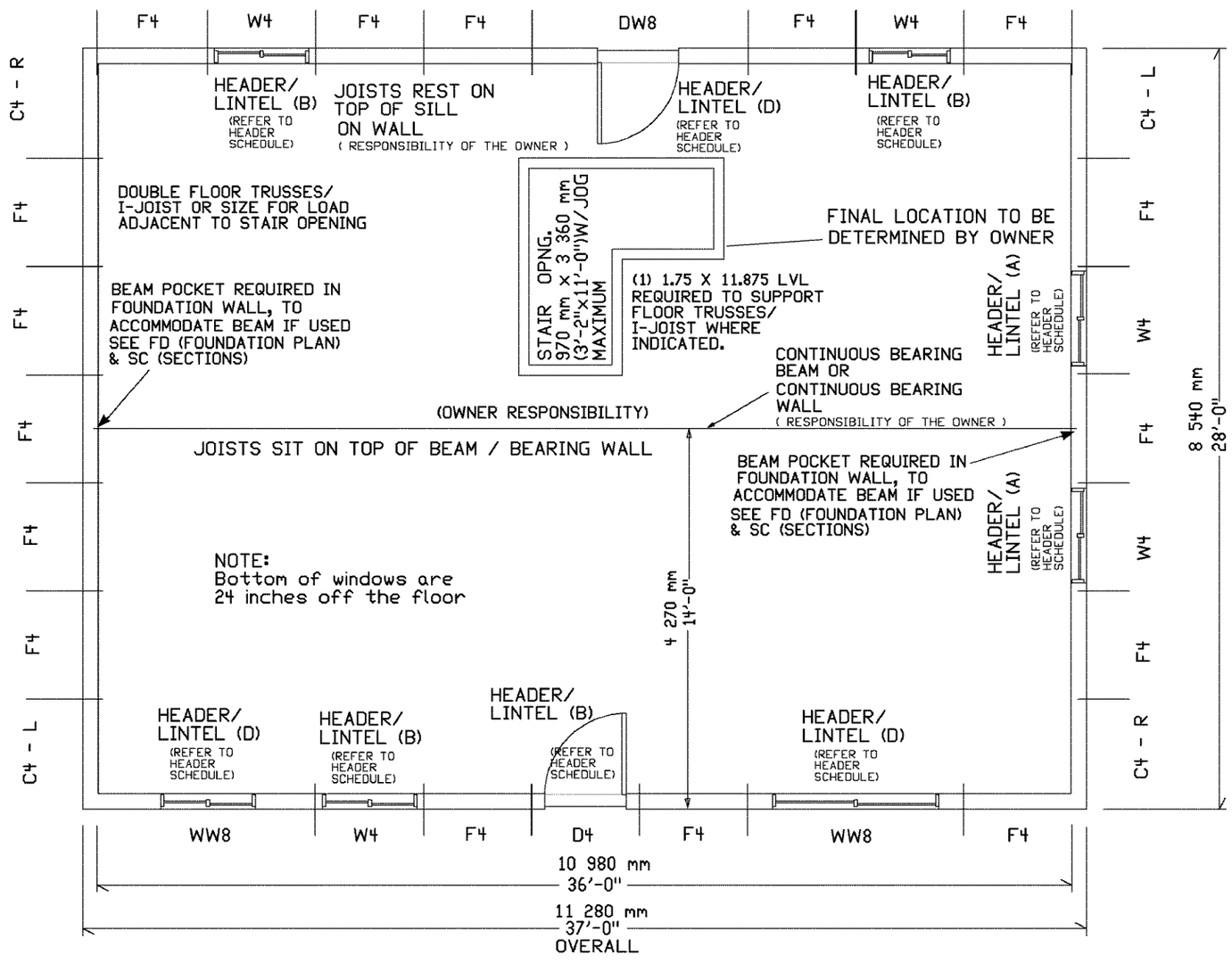
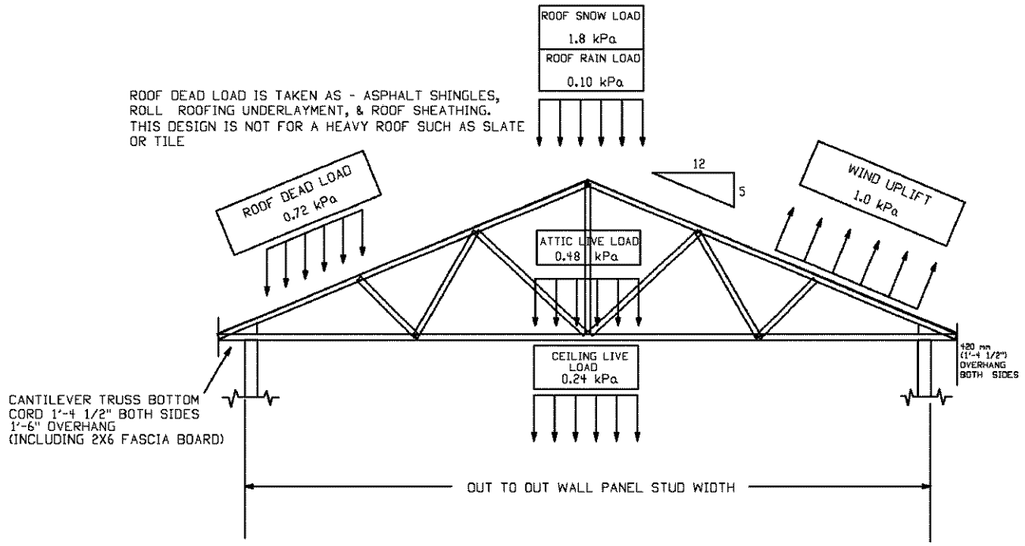


HEADER/ LINTEL SCHEDULE

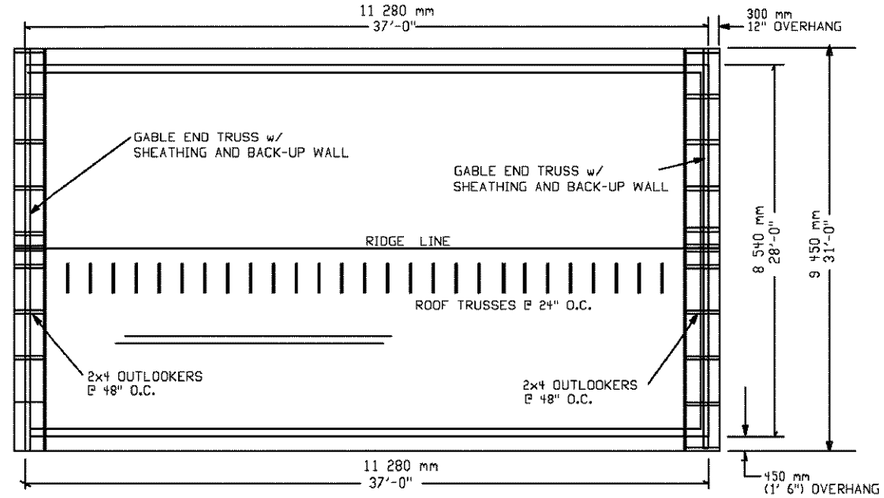
(A) (2) 2X6 SPF #2 or better w/ (1) trimmer
(B) (2) 2X8 SPF #2 or better w/ (1) trimmer
(C) (2) 2x10 SPF #2 or better w/ (1) trimmer
(D) (3) 2x10 SPF #2 or better w/ (2) trimmers
(E) (2) 1.75x9.25 1.8E LVL w/ (2) trimmers
or
(3) 2x10 SP 1750 MSR w/ (2) trimmers

PANEL TYPE	PANEL DECRIPTION	PANEL SIZE.	ROUGH OPENING	PANEL COUNT
WW8	Wide Window Panel	8x9	74-1/2"x70"	2
D8	Std Door in Wide Panel	8x9	38-1/2"x82-1/2"	1
C4R	Corner Panel	4x9	None	2
C4L	Corner Panel	4x9	None	2
F4	Full Panel	4x9	None	16
D4	Door Panel	4x9	38-1/2"x82-1/2"	1
W4	Window Panel	4x9	42"x70"	5

	WALL PANEL PLAN	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. PP



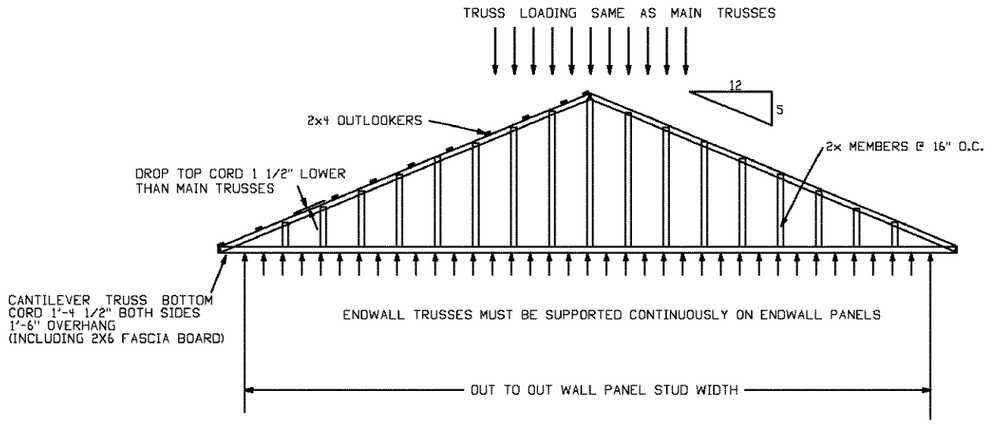
CLEAR SPAN MAIN 'COMMON' TRUSS DETAIL



ROOF FRAMING PLAN

TRUSS DESIGN REQUIREMENTS

NOTE: THE COMPONENTS SHOWN ON THIS DRAWING ARE FACTORY PRE-MANUFACTURED COMPONENTS. THE WEB CONFIGURATION MAY VARY FROM THAT SHOWN.



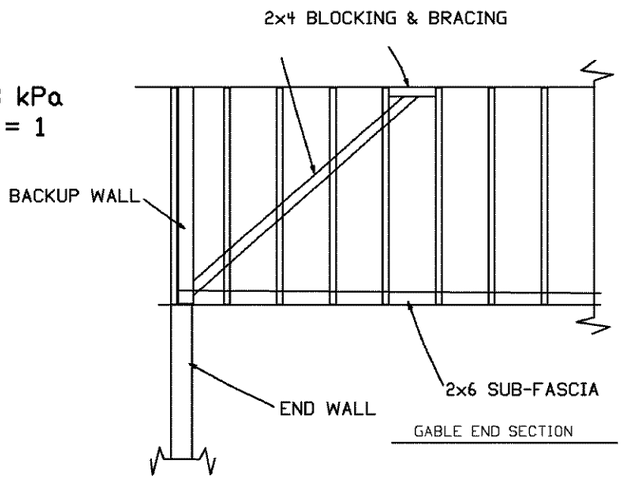
ENDWALLS 'GABLE' TRUSS DETAIL

GROUND SNOW LOAD = 1.8 kPa
FLAT-ROOF SNOW LOAD Pf = 1.18 kPa
SNOW LOAD IMPORTANCE FACTOR I = 1

THE TRUSS MANUFACTURER WILL DESIGN THE TRUSSES FOR THE WORST CASE CONDITION(S) PER THE QUOTED CODE.

AB BUILDING CODE 2006

ROOF DEAD LOAD IS TAKEN AS - ASPHALT SHINGLES, ROLL ROOFING UNDERLAYMENT, & ROOF SHEATHING. THIS DESIGN IS NOT FOR A HEAVY ROOF SUCH AS SLATE OR TILE



GABLE END SECTION

	ROOF DETAILS	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. DR

SUGGESTED FASTENING SCHEDULE

FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER[a,b,c]	SPACING OF FASTENERS
Joist to sill or girder, toe nail	3-8d (2-1/2″ × 0.113″)	- -
1″ × 6″ subfloor or less to each joist, face nail	2-8d (2 1/2″ × 0.113″) 2 staples, 1 3/4″	— —
2″ subfloor to joist or girder, blind and face nail	2-16d (3 1/2″ × 0.135″)	—
Sole plate to joist or blocking, face nail	16d (3 1/2″ × 0.135″)	16″ o.c.
Top or sole plate to stud, end nail	2-16d (3 1/2″ × 0.135″)	- -
Stud to sole plate, toe nail	3-8d (2 1/2″ × 0.113″) or 2-16d (3 1/2″ × 0.135″)	—
Double studs, face nail	10d (3″ × 0.128″)	24″ o.c.
Double top plates, face nail	10d (3″ × 0.128″)	24″ o.c.
Sole plate to joist or blocking at braced wall panels	3-16d (3 1/2″ × 0.135″)	16″ o.c.
Double top plates, minimum 24-inch offset of end joints, face nail in lapped area	8-16d (3 1/2″ × 0.135″)	- -
Blocking between joists or rafters to top plate, toe nail	3-8d (2 1/2″ × 0.113″)	—
Rim joist to top plate, toe nail	8d (2 1/2″ × 0.113″)	6″ o.c.
Top plates, laps at corners and intersections, face nail	2-10d (3″ × 0.128″)	—
Built-up header, two pieces with 1/2″ spacer	16d (3 1/2″ × 0.135″)	16″ o.c. along each edge
Continued header, two pieces	16d (3 1/2″ × 0.135″)	16″ o.c. along each edge
Ceiling joists to plate, toe nail	3-8d (2 1/2″ × 0.113″)	—
Continuous header to stud, toe nail	4-8d (2 1/2″ × 0.113″)	—
Ceiling joist, laps over partitions, face nail	3-10d (3″ × 0.128″)	—
Ceiling joist to parallel rafters, face nail	3-10d (3″ × 0.128″)	—
Rafter to plate, toe nail	2-16d (3 1/2″ × 0.135″)	—
1″ brace to each stud and plate, face nail	2-8d (2 1/2″ × 0.113″) 2 staples, 1 3/4″	— —
1″ × 6″ sheathing to each bearing, face nail	2-8d (2 1/2″ × 0.113″) 2 staples, 1 3/4″	— —
1″ × 8″ sheathing to each bearing, face nail	2-8d (2 1/2″ × 0.113″) 3 staples, 1 3/4″	— —
Wider than 1″ × 8″ sheathing to each bearing, face nail	3-8d (2 1/2″ × 0.113″) 4 staples, 1 3/4″	- - —
Built-up corner studs	10d (3″ × 0.128″)	24″o.c.
Built-up girders and beams, 2-inch lumber layers	10d (3″ × 0.128″)	Nail each layer as follows: 32″ o.c. at top and bottom and staggered. Two nails at ends and at each splice.
2″ planks	2-16d (3 1/2″ × 0.135″)	At each bearing
Roof rafters to ridge, valley or hip rafters: toe nail face nail	 4-16d (3 1/2″ × 0.135″) 3-16d (3 1/2″ × 0.135″)	
Rafter ties to rafters, face nail	3-8d (2 1/2″ × 0.113″)	
Collar tie to rafter, face nail, or 1 1/4″ × 20 gage ridge strap	3-10d (3″ × 0.128″)	

(continued)

FASTENER SCHEDULE FOR STRUCTURAL MEMBERS

DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER[b, c, e]	SPACING OF FASTENERS	
		Edges (inches)[i]	Intermediate supports[c,e] (inches)
Wood structural panels, subfloor, roof and wall sheathing to framing, and particleboard wall sheathing to framing			
5/16″-1/2″	6d common (2″ × 0.113″) nail (subfloor, wall) 8d common (2 1/2″ × 0.131″) nail (roof)[f]	6	12[g]
15/32″-1″	8d common nail (2 1/2″ × 0.131″)	6	12[g]
1 1/8″-1 1/4″	10d common (3″ × 0.148″) nail or 8d (2 1/2″ × 0.131″) deformed nail	6	12
Other wall sheathing[h]			
1/2″ structural cellulosic fiberboard sheathing	1 1/2″ galvanized roofing nail 8d common (2 1/2″ × 0.131″) nail; staple 16 ga., 1 1/2″ long	3	6
25/32″ structural cellulosic fiberboard sheathing	1 3/4″ galvanized roofing nail 8d common (2 1/2″ × 0.131″) nail; staple 16 ga., 1 3/4″ long	3	6
1/2″ gypsum sheathing[d]	1 1/2″ galvanized roofing nail; 6d common (2″ x 0.131″) nail; staple galvanized 1 1/2″ long; 1 1/4″ screws, Type W or S	4	8
5/8″ gypsum sheathing[d]	1 3/4″ galvanized roofing nail; 8d common (2 1/2″ × 0.131″) nail; staple galvanized 1 5/8″ long; 1 5/8″ screws, Type W or S	4	8
Wood structural panels, combination subfloor underlayment to framing			
3/4″ and less	6d deformed (2″ × 0.120″) nail or 8d common (2 1/2″ × 0.131″) nail	6	12
7/8″-1″	8d common (2 1/2″ × 0.131″) nail or 8d deformed (2 1/2″ × 0.120″) nail	6	12
1 1/8″-1 1/4″	10d common (3″ × 0.148″) nail or 8d deformed (2 1/2″ × 0.120″) nail	6	12

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 0.447 m/s; 1ksi = 6.895 MPa.

a. All nails are smooth-common, box or deformed shanks except where otherwise stated. Nails used for framing and sheathing connections shall have minimum average bending yield strengths as shown: 80 ksi for shank diameter of 0.192 inch (20d common nail), 90 ksi for shank diameters larger than 0.142 inch but not larger than 0.177 inch, and 100 ksi for shank diameters of 0.142 inch or less.

b. Staples are 16 gage wire and have a minimum 7/16-inch on diameter crown width.

c. Nails shall be spaced at not more than 6 inches on center at all supports where spans are 48 inches or greater.

d. Four-foot-by-8-foot or 4-foot-by-9-foot panels shall be applied vertically.

e. Spacing of fasteners not included in this table shall be based on

f. For regions having basic wind speed of 110 mph or greater, 8d deformed (2 1/2″ × 0.120) nails shall be used for attaching plywood and wood structural panel roof sheathing to framing within minimum 48-inch distance from gable end walls, if mean roof height is more than 25 feet, up to 35 feet maximum.

g. For regions having basic wind speed of 100 mph or less, nails for attaching wood structural panel roof sheathing to gable end wall framing shall be spaced 6 inches on center. When basic wind speed is greater than 100 mph, nails for attaching panel roof sheathing to intermediate supports shall be spaced 6 inches on center for minimum 48-inch distance from ridges, eaves and gable end walls; and 4 inches on center to gable end wall framing.

h. Gypsum sheathing shall conform to ASTM C 79 and shall be installed in accordance with GA 253. Fiberboard sheathing shall conform to ASTM C 208.

i. Spacing of fasteners on floor sheathing panel edges applies to panel edges supported by framing members and required blocking and at all floor perimeters only. Spacing of fasteners on roof sheathing panel edges applies to panel edges supported by framing members and required blocking. Blocking of roof or floor sheathing panel edges perpendicular to the framing members need not be provided except as required by other provisions of this code. Floor perimeter shall be supported by framing members or solid blocking.

	FASTENER SCHEDULE	Drg. Type STD.
Scale : NTS		
Drawn : CKJ Checked : WB	GREEN-R-PANEL	Drg. No. FS