EZFIT WOODSMAN INSTRUCTION MANUAL

- **Thank-you for purchasing an EZ-Fit Shed!** Our goal is to provide you with everything you need to make the assembly of your shed kit go smoothly.

- **This instruction manual is based on a 10x14' EZFIT WOODSMAN shed kit.**
  Your shed kit may be a different size - if this is the case you will have a different amount of wall panels and roof sheathing, however the same assembly methods apply.
  There is paperwork included with your packing slip that shows the details on the wall panels and roof sheathing included for your particular shed kit.

- **This manual includes assembly instructions for the optional floor kit.**
  If you purchased your own flooring materials elsewhere, you may refer to this section for tips on assembly. If you are using concrete for your floor, simply disregard this part of the instructions.

- **Your packing list is included with the shed kit.** The packing list includes a detailed layout of your wall panels and roof sheathing. The packing list also includes a complete list of all items in your package, including a list of fasteners.

- **Basic list of included fasteners:**

2" Nails:
Fastening 3/4" flooring to floor joists (optional floor kit.)
Corner trim
Roof sheathing
Roof gussets
Fastening Smartside Soffit to sidewalls
Fastening rafters to soffit
Facia trim
Windows and window trim.

2.5" Square-Drive Screws:
Fastening wall panels together
Double 2x4" top/plates
Fastening bottom/plate of walls down into floor. (once building is assembled)

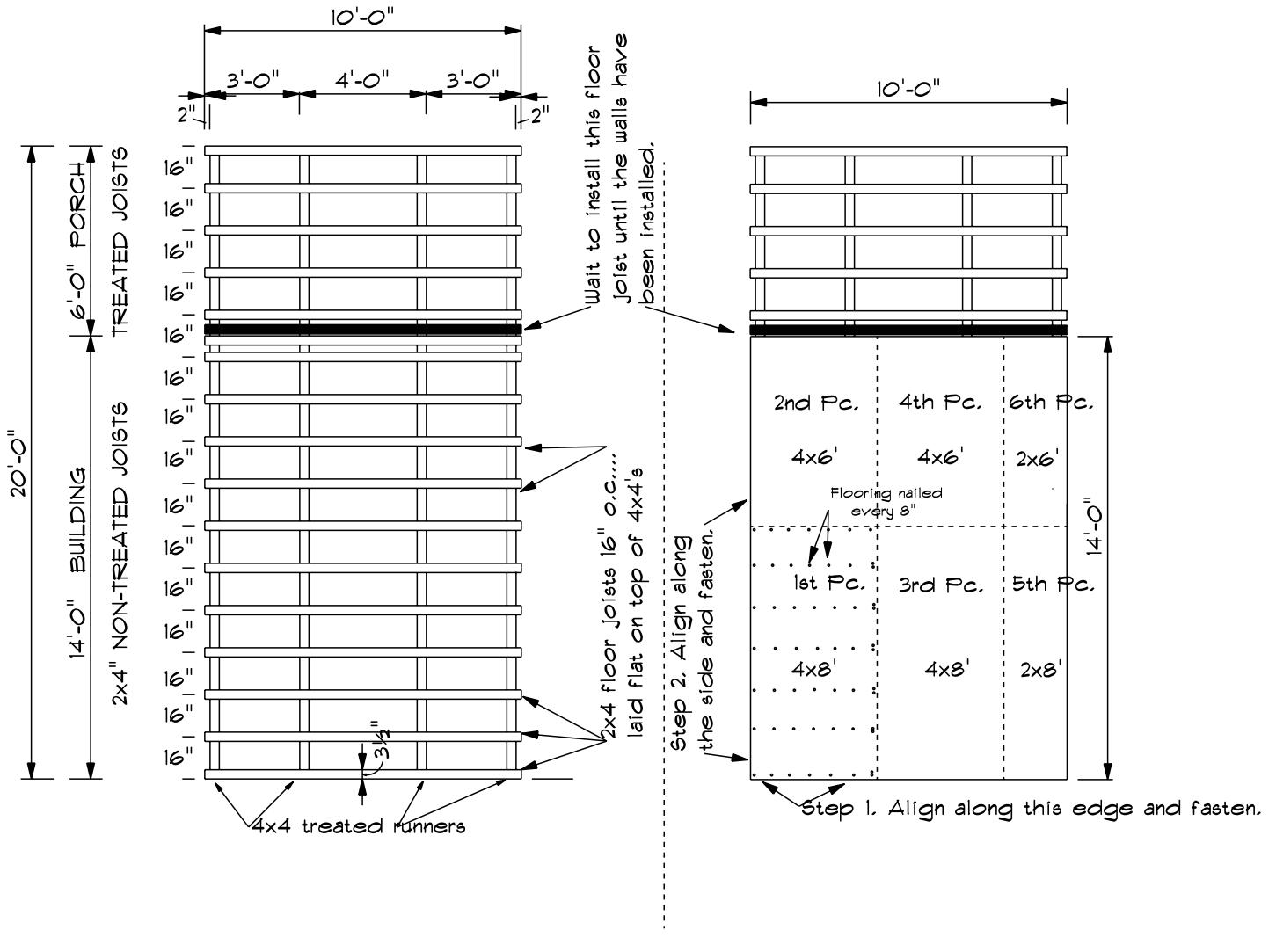**2.5" Black Screws:** for door hardware

Tools Needed:
- Cordless Drill
- Tape Measure
- Step-ladder
- Skilsaw
- Chalkline
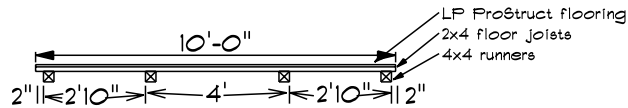- Speed Square
- Level
- Hammer

Top View of floor framing

To make that floor is square:
Measure diagonally across corners and
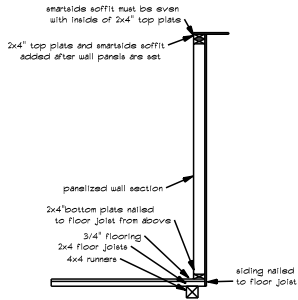make that both measurements are same.

Top View of
LP ProStruct Flooring

10'-0"

3'-0"   4'-0"   3'-0"

2"   2"

16"
16"
16"
16"
16"

16"
16"
16"
16"
16"
16"
16"
16"
16"
16"

6'-0" PORCH   TREATED JOISTS

14'-0" BUILDING   2x4" NON-TREATED JOISTS

20'-0"

3/2"

4x4 treated runners

Wait to install this floor
joist until the walls have
been installed.

2x4 floor joists 16" o.c....
laid flat on top of 4x4's

Step 2. Align along
the side and fasten.

10'-0"

2nd Pc.   4th Pc.   6th Pc.

4x6'   4x6'   2x6'

Flooring nailed
every 8"

1st Pc.   3rd Pc.   5th Pc.

4x8'   4x8'   2x8'

14'-0"

Step 1. Align along this edge and fasten.

Front View

10'-0"

LP ProStruct flooring
2x4 floor joists
4x4 runners

2"   2'10"   4'   2'10"   2"

01 FLOOR
SCALE: 3/16" = 1'-0"

smartside soffit must be even
with inside of 2x4" top plate

2x4" top plate and smartside soffit
added after wall panels are set

panelized wall section

2x4"bottom plate nailed
to floor joist from above

3/4" flooring
2x4 floor joists
4x4 runners

siding nailed
to floor joist

siding extended 1.5"

panelized wall section

2x4"bottom plate nailed
to floor joist from above

3/4" flooring
2x4 floor joists
4x4 runners

start wall-panel flush with
end of floor

INSIDE VIEW - SIDEWALLS 3.

sidewalls extended 1.5"

panelized wall section

2x4"bottom plate nailed
to floor joist from above

3/4" flooring
2x4 floor joists
4x4 runners

start wall-panel flush with
end of floor

INSIDE VIEW - SIDEWALLS 4.

beam pocket

sidewalls extended 1.5"

panelized wall section

2x4"bottom plate nailed
to floor joist from above

3/4" flooring
2x4 floor joists
4x4 runners

start wall-panel flush with
end of floor

INSIDE VIEW - SIDEWALLS 5.

beam pocket

2x4" top plate and
smartside soffit added
after wall panels are set

panelized wall section

2x4"bottom plate nailed
to floor joist from above

3/4" flooring
2x4 floor joists
4x4 runners
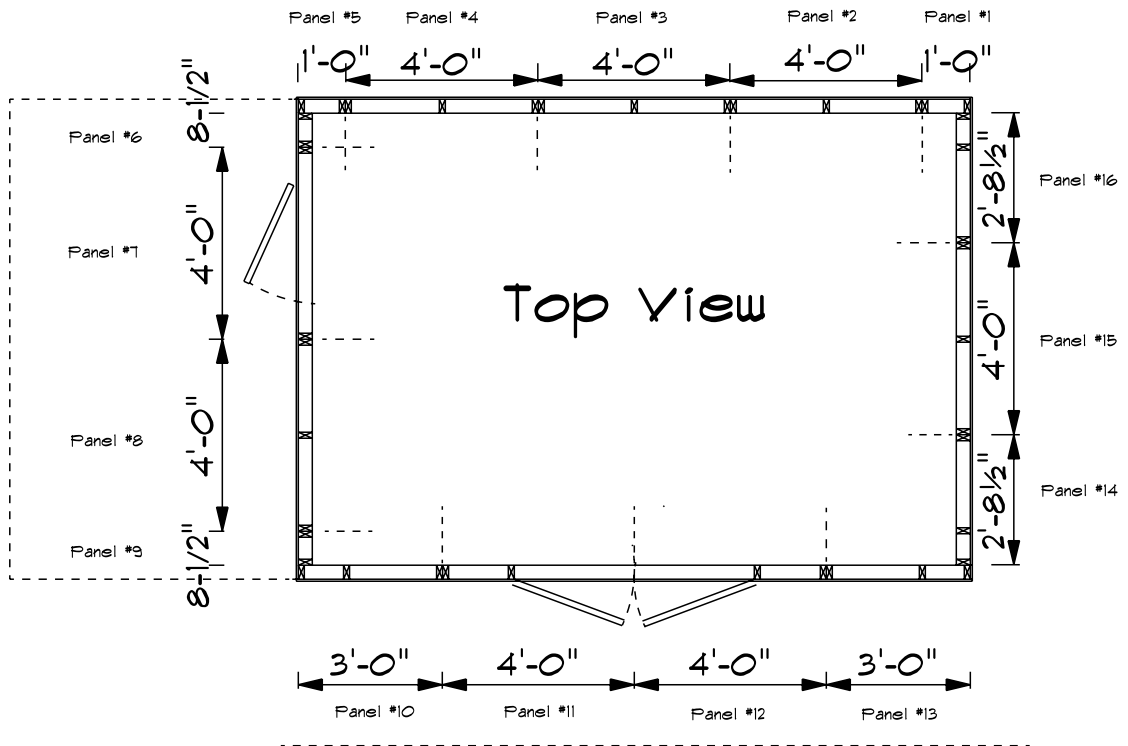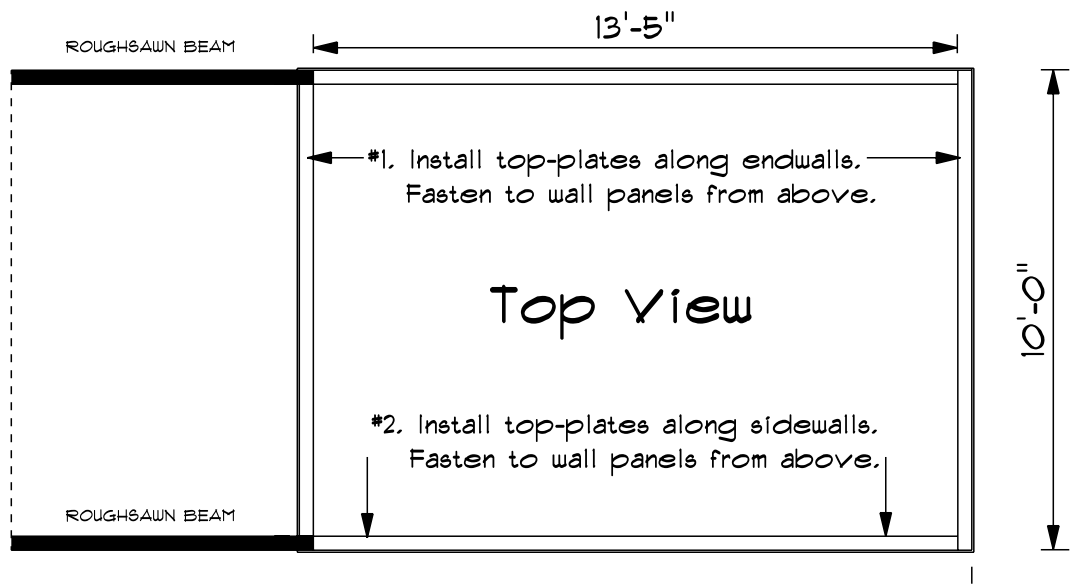
02 WALL SIDE

SCALE: 1" = 5'-0"

Note:This is only an example of a 10x14' building.
Your particular building size may have different sized wall panels.
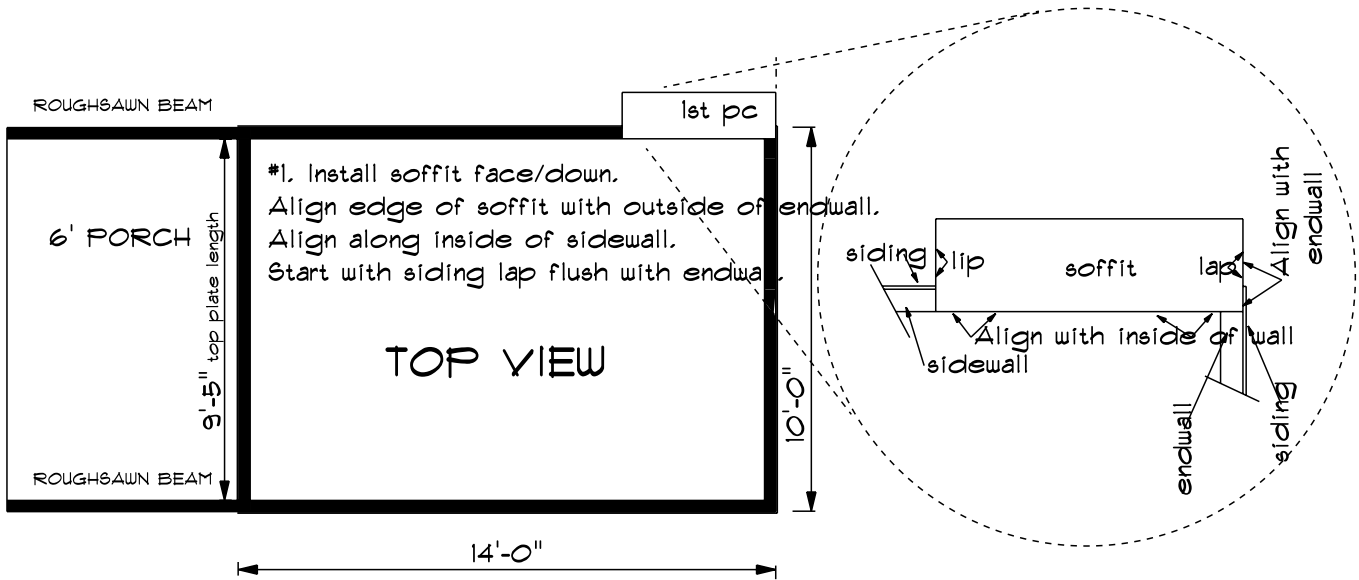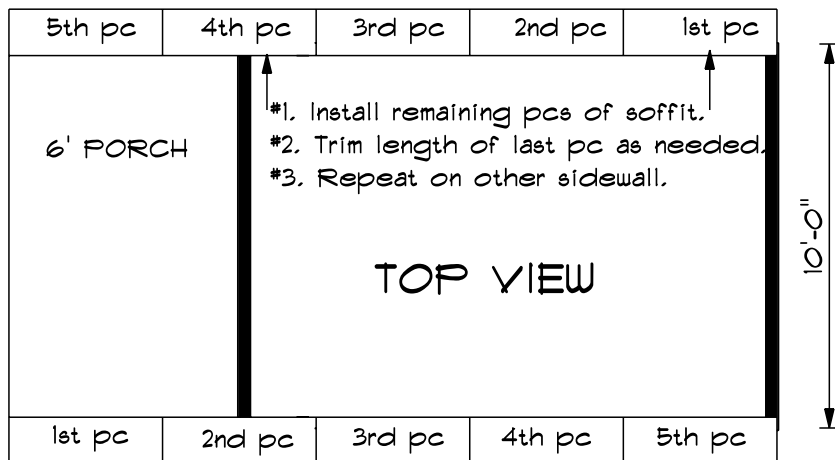Refer to the paperwork included with your packing list for more details.

Panel #5   Panel #4   Panel #3   Panel #2   Panel #1

1'-0"   4'-0"   4'-0"   4'-0"   1'-0"

Panel #6   8-1/2"

Panel #7   2'-8½"   Panel #16

4'-0"   Top View

Panel #8   4'-0"   4'-0"   Panel #15

Panel #9   8-1/2"   2'-8½"   Panel #14

3'-0"   4'-0"   4'-0"   3'-0"

Panel #10   Panel #11   Panel #12   Panel #13

Top View - 2x4" Top/Plates

ROUGHSAWN BEAM   13'-5"

#1. Install top-plates along endwalls.
Fasten to wall panels from above.

Top View   10'-0"

#2. Install top-plates along sidewalls.
Fasten to wall panels from above.

ROUGHSAWN BEAM

03 WALLS TOP VIEW

SCALE: 1/4" = 1'-0"

ROUGHSAWN BEAM

1st pc

6' PORCH

9'-5" top plate length

#1. Install soffit face/down.
Align edge of soffit with outside of endwall.
Align along inside of sidewall.
Start with siding lap flush with endwall.

TOP VIEW

ROUGHSAWN BEAM

10'-0"

14'-0"

siding lip   soffit   lap

Align with inside of wall

sidewall

endwall

siding

Align with endwall

TOP VIEW - SMARTSIDE SOFFIT 2.

5th pc	4th pc	3rd pc	2nd pc	1st pc
6' PORCH		#1. Install remaining pcs of soffit.		
		#2. Trim length of last pc as needed.		
		#3. Repeat on other sidewall.		
		TOP VIEW		
1st pc	2nd pc	3rd pc	4th pc	5th pc

10'-0"

04 WALLS SMARTSIDE SOFFIT

SCALE: 1" = 5'-0"
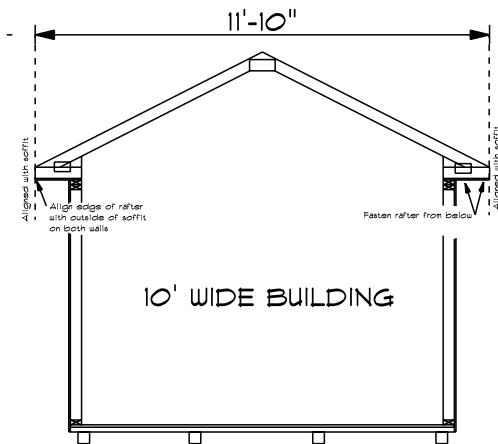
Top view of floor

B

plywood gusset

chalkline

B
A
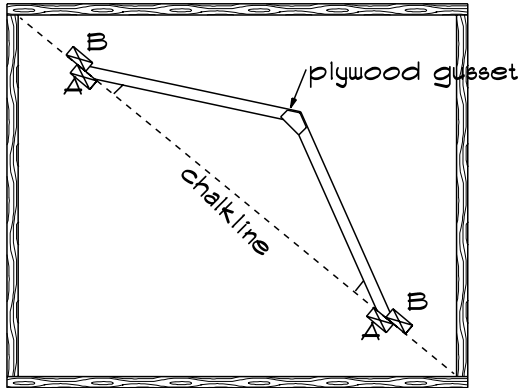
#1... snap a chalk-line across the corners of floor.

#2...put 2 stops along bottom of chalk-line (stop"A")

#3...measure correct distance for overall width of rafter and put down stops "B".

#4... match up peak of rafters and fasten gussets.

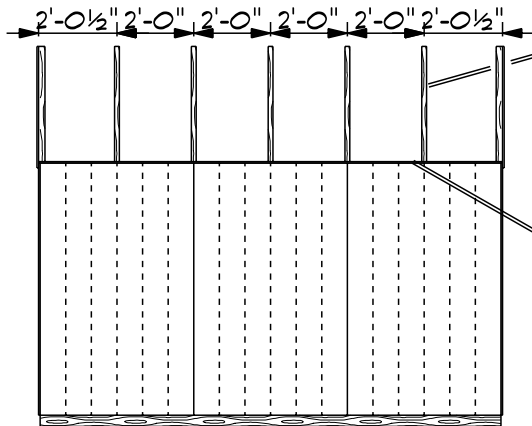NOTE: Porch rafters have different shaped gussets to accommodate the porch ceiling.

Overall width of rafter for EZFIT WOODSMAN:
8' wide building: 9'10"
10' wide building: 11'10"
12' wide building: 13'10"

11'-10"

Aligned with soffit

Align edge of rafter with outside of soffit on both walls

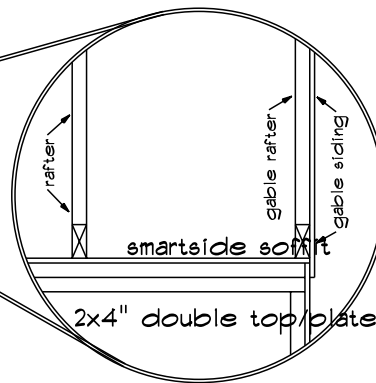Fasten rafter from below

Aligned with soffit

10' WIDE BUILDING

#1... fasten both gables first.
NOTE: both gables come in 2 sections with siding already installed.

#2...make sure both sidewalls are straight and brace walls from inside as needed.

#3... fasten remainder of rafters as shown

Rafters - Side View

2'-0½" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0½"

Close-up View

rafter

gable rafter

gable siding

smartside soffit

2x4" double top plate

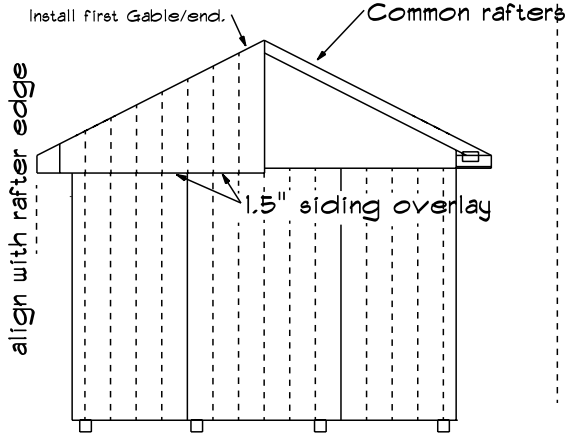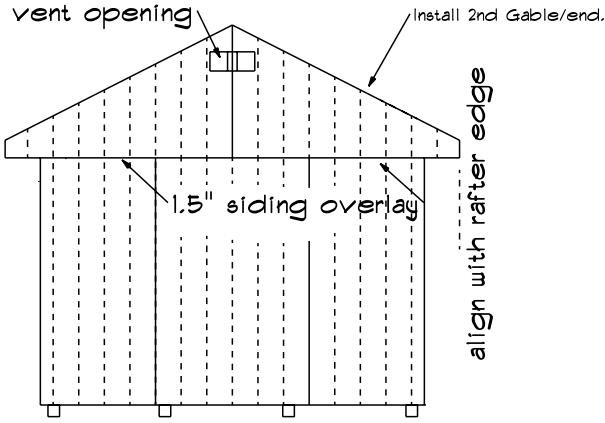# 05 RAFTER ASSEMBLY
SCALE: 1" = 5'-0"

GABLE-END INSTALLATION

End View

Side view
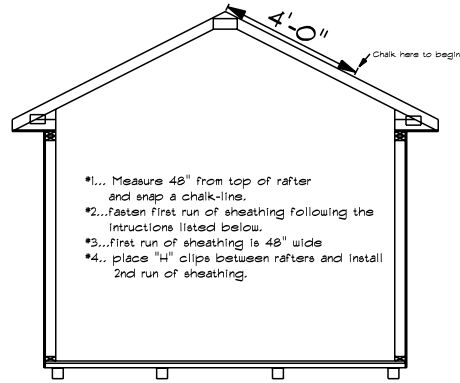Inside | Outside

Install first Gable/end.

Common rafters

align with rafter edge

1.5" siding overlay

Gable Siding

Gable rafter

smartside

Siding Overlay

Top-plate

wall-stud

Siding

vent opening

Install 2nd Gable/end.

1.5" siding overlay

align with rafter edge

06 GABLE END SIDING

SCALE: 1" = 5'-0"

1.

4'-0"

Chalk here to begin.
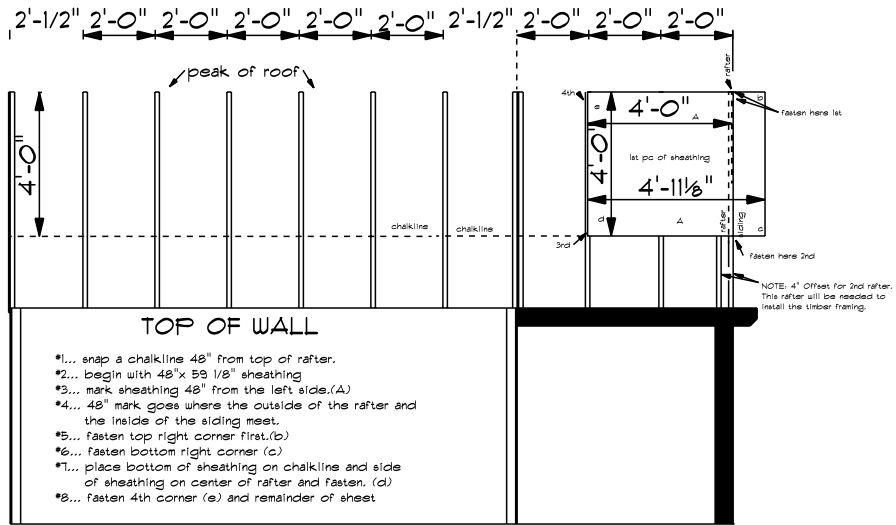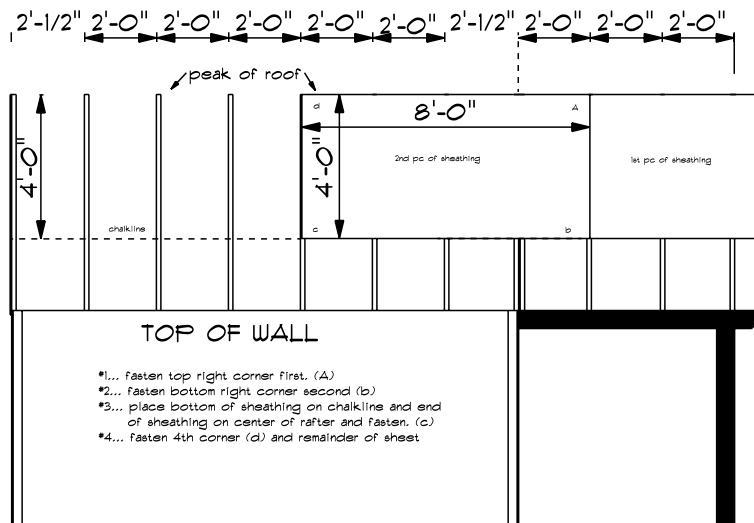
#1... Measure 48" from top of rafter
and snap a chalk-line.
#2...fasten first run of sheathing following the
intructions listed below.
#3...first run of sheathing is 48" wide
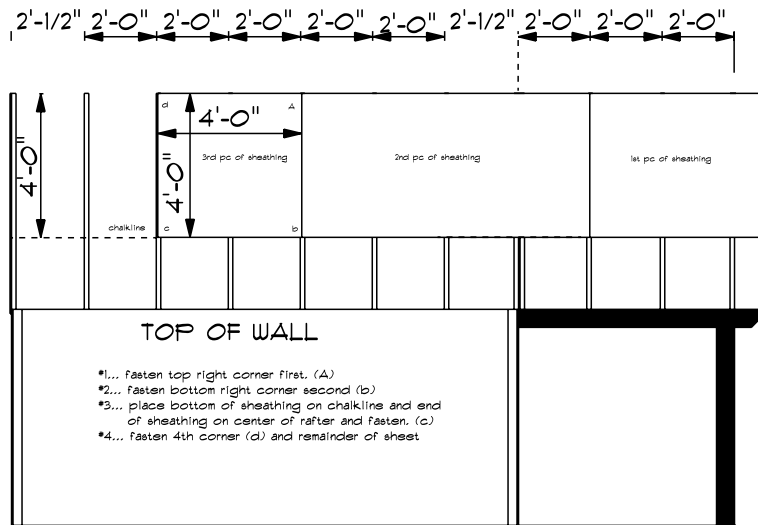#4.. place "H" clips between rafters and install
2nd run of sheathing.

2.

2'-1/2" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-1/2" 2'-0" 2'-0" 2'-0"

peak of roof

4'-0"

chalkline   chalkline

4th   4'-0"   A   fasten here 1st
4'-0"   1st pc of sheathing
4'-11⅛"
3rd   A   fasten here 2nd

NOTE: 4" Offset for 2nd rafter.
This rafter will be needed to
install the timber framing.

TOP OF WALL

#1... snap a chalkline 48" from top of rafter.
#2... begin with 48"x 59 1/8" sheathing
#3... mark sheathing 48" from the left side.(A)
#4... 48" mark goes where the outside of the rafter and
the inside of the siding meet.
#5... fasten top right corner first.(b)
#6... fasten bottom right corner (c)
#7... place bottom of sheathing on chalkline and side
of sheathing on center of rafter and fasten. (d)
#8... fasten 4th corner (e) and remainder of sheet

3.

2'-1/2" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-1/2" 2'-0" 2'-0" 2'-0"

peak of roof

4'-0"

d   8'-0"   A
4'-0"   2nd pc of sheathing   1st pc of sheathing
chalkline   c   b

TOP OF WALL

#1... fasten top right corner first. (A)
#2... fasten bottom right corner second (b)
#3... place bottom of sheathing on chalkline and end
of sheathing on center of rafter and fasten. (c)
#4... fasten 4th corner (d) and remainder of sheet

07 ROOF SHEATHING 1

SCALE: 3/16" = 1'-0"

4.

2'-1/2" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-1/2" 2'-0" 2'-0" 2'-0"

d 4'-0" A

4'-0"

4'-0"

3rd pc of sheathing

2nd pc of sheathing

1st pc of sheathing

chalkline

c b

TOP OF WALL

#1... fasten top right corner first. (A)
#2... fasten bottom right corner second (b)
#3... place bottom of sheathing on chalkline and end
of sheathing on center of rafter and fasten. (c)
#4... fasten 4th corner (d) and remainder of sheet

5.

2'-1/2" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-1/2" 2'-0" 2'-0" 2'-0"

inside of → ← outside
siding   of rafter

d 4'-0½" A

4'-0"

4th pc of sheathing

3rd pc of sheathing

2nd pc of sheathing

1st pc of sheathing

4'-11⅛"

c b

TOP OF WALL

#1... fasten top right corner first. (A)
#2... fasten bottom right corner second (b)
#3... place bottom of sheathing on chalkline and
place 48 1/2" mark between the outside of rafter
and inside of siding and fasten.
#4... fasten 4th corner (d) and remainder of sheet

6.

2'-1/2" 2'-0" 2'-0" 2'-0" 2'-0" 2'-0" 2'-1/2" 2'-0" 2'-0" 2'-0"

4th pc of sheathing

3rd pc of sheathing

2nd pc of sheathing

1st pc of sheathing

8th pc | 7th pc | 6th pc | 5th pc

2'-11⅛" | 8'-0" | 8'-0" | 2'-11⅛"

TOP OF WALL

NOTE: When fastening bottom row of sheathing,
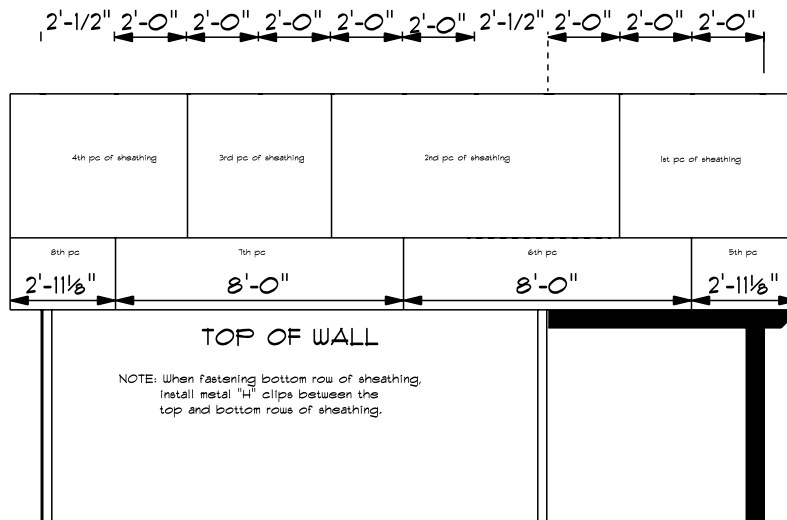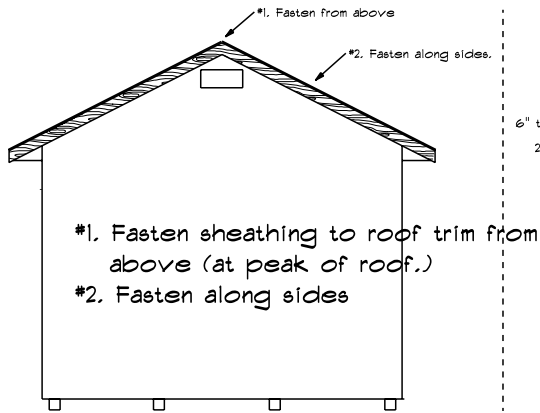install metal "H" clips between the
top and bottom rows of sheathing.

08 ROOF SHEATHING 2

SCALE: 3/16" = 1'-0"

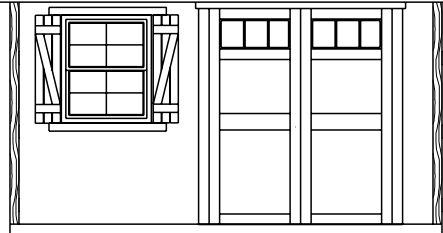ROOF TRIM 1.   ROOF TRIM 2.

#1. Fasten from above

#2. Fasten along sides.

sheathing

#1. Cut trim pc. to length.
#2. Fasten trim pc to rafters
    from outside.
#3. Fasten sheathing to trim
    from above.

trim fastened to
sheathing from above

6" trim

2x4

#1. Fasten sheathing to roof trim from
    above (at peak of roof.)
#2. Fasten along sides

#1. Install corner trim
#2. Install windows & shutters
    NOTE: be sure to caulk both behind window & above
    top window trim piece.
#3. Install door lockset and springloaded barrel bolts.

Your building is now ready to be shingled
and painted. We reccommend using aluminum
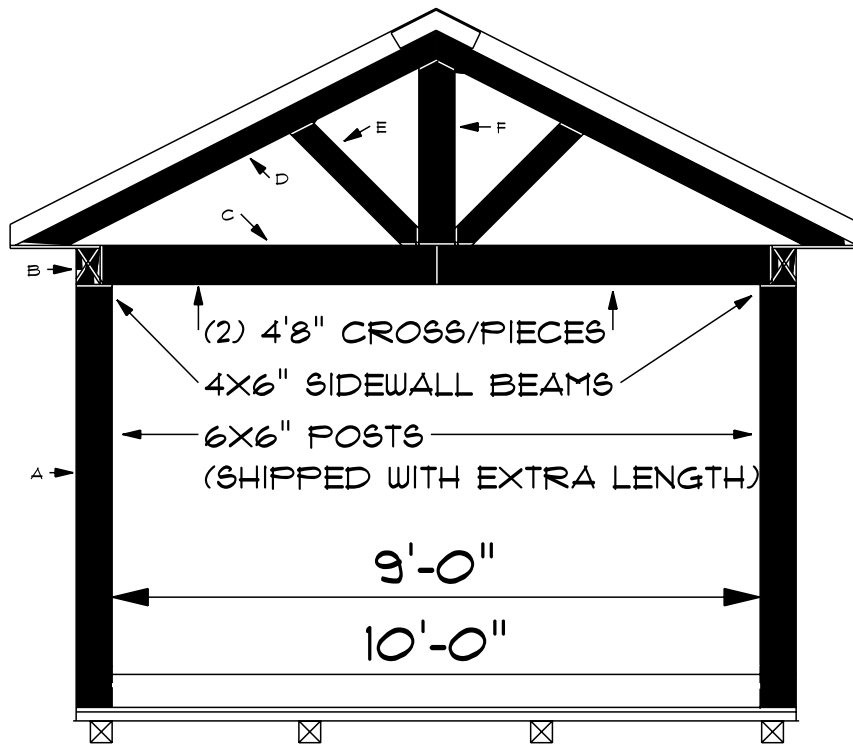dripedge along the roof edges.

ON THE INSIDE:
Fasten the wall/panel bottom plates to the floor joists.
(nailing down thru the LP ProStruct flooring.)
Nail the wall framing at together at each corner.
Cut out the 2x4"s in the bottom of the door opening.
(these aren't needed.)

ON THE DOOR:
Be sure the 2x4x60" header is fastened to the top of the
door opening. (actual door opening should be 72" tall x 60" wide.)

09 ROOF SHEATHING AND MISC
SCALE: 3/16" = 1'-0"

(2) 4'8" CROSS/PIECES

4X6" SIDEWALL BEAMS

**6X6" POSTS
(SHIPPED WITH EXTRA LENGTH)**

9'-0"

10'-0"

INSTALL: A. posts, B. sidewall beams
and C. Cross-pieces before Smartside top/plate
and rafters are installed.

WAIT TO INSTALL: D, E and F pcs until the roof sheathing
and porch ceiling are installed.

Posts will need to be trimmed to correct length.
The rest of the timber framing might need slight trimming but
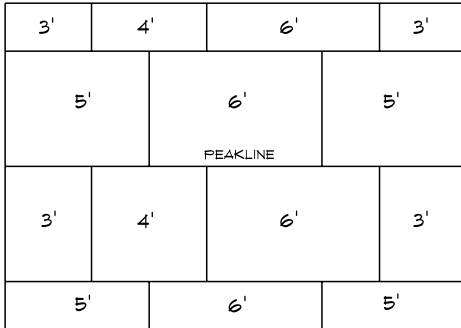should be very close to the proper length.

SIMPSON STRONGTIE Metal brackets and decorative screws
are included for the center of the timberframe.

10 TIMBER FRAMING
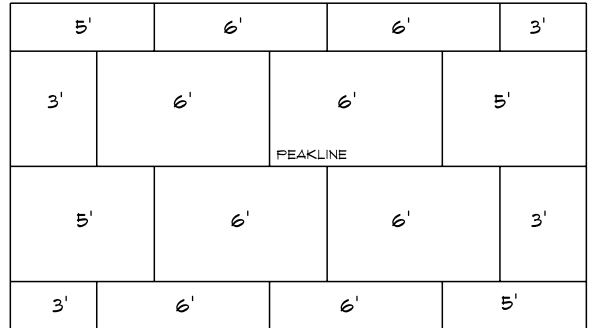
SCALE: 3/8" = 1'-0"

8x8' WITHOUT FLOOR KIT

3'	4'	6'	3'

18.5" WIDTH

5'	6' PEAKLINE	5'

48" WIDTH

3'	4'	6'	3'

48" WIDTH

5'	6'	5'

18.5" WIDTH

8x12' WITHOUT FLOOR KIT

5'	6'	6'	3'

3'	6'	6' PEAKLINE	5'

5'	6'	6'	3'

3'	6'	6'	5'

10X10' WITHOUT FLOOR KIT

5'	4'	6'	3'

32" WIDTH

3'	4'	6' PEAKLINE	5'

48" WIDTH

5'	4'	6'	3'

48" WIDTH

3'	4'	6'	5'
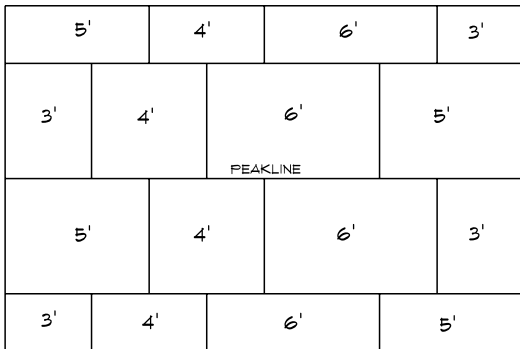
32" WIDTH

10X12' WITHOUT FLOOR KIT

5'	6'	6'	3'

3'	6'	6' PEAKLINE	5'

5'	6'	6'	3'

3'	6'	6'	5'

10X14' QUICKSHIP

3'	4'	6'	6'	3'

5'	6' PEAKLINE	6'	5'

3'	4'	6'	6'	3'

5'	6'	6'	5'

10X16' WITHOUT FLOOR KIT

5'	6'	6'	4'	3'

3'	4'	6' PEAKLINE	6'	5'

5'	6'	6'	4'	3'

3'	4'	6'	6'	5'
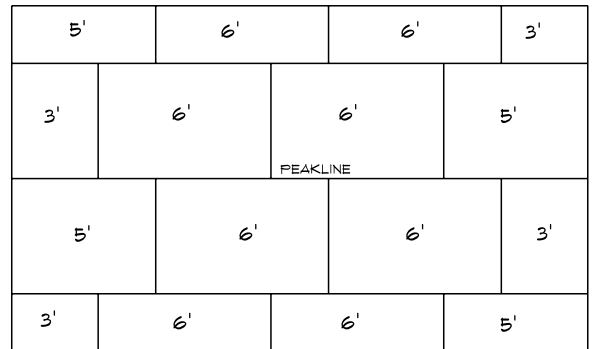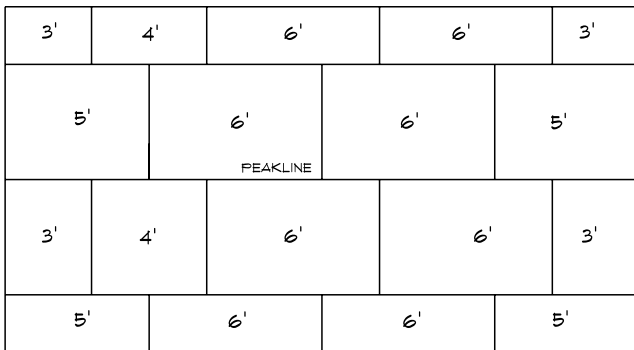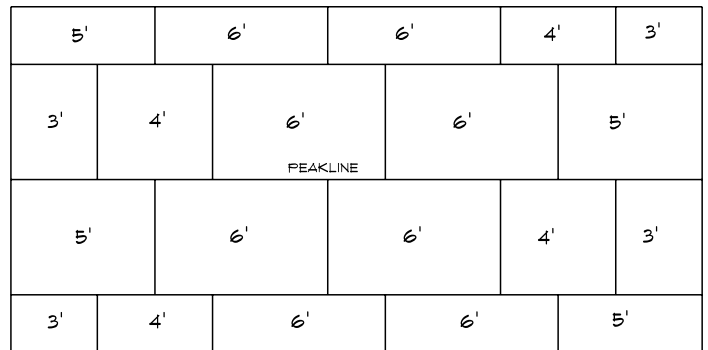
11 ROOF SHEATHING LAYOUT

SCALE: 0.1500" = 1'-0"

8x8' WITH FLOOR KIT

5'	8'	3'

18.5" WIDTH

3'	8'	5'
	PEAKLINE	

48" WIDTH

5'	8'	3'

48" WIDTH

3'	8'	5'
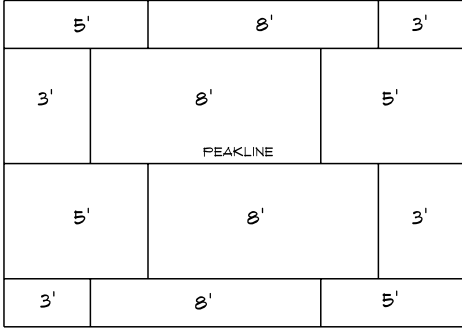
18.5" WIDTH

8x12' WITH FLOOR KIT

5'	8'	4'	3'

3'	4'	8'	5'

5'	8'	4'	3'

3'	4'	8'	5'
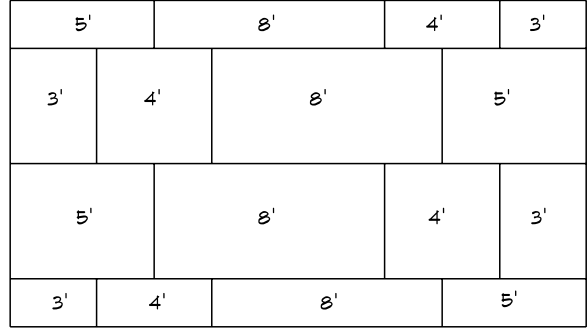
10X10' WITH FLOOR KIT

3'	4'	8'	3'

32" WIDTH

5'	8'	5'

48" WIDTH

3'	4'	8'	3'

48" WIDTH

5'	8'	5'
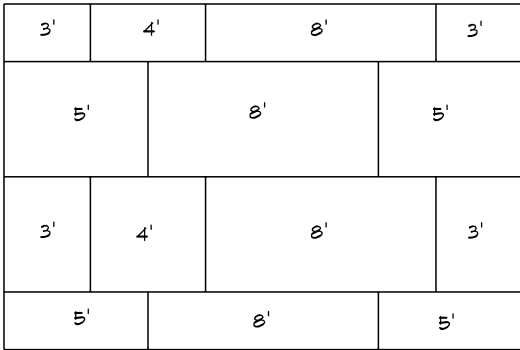
32" WIDTH

10X12' WITH FLOOR KIT

5'	8'	4'	3'

3'	4'	8'	5'

5'	8'	4'	3'

3'	4'	8'	5'

10X14' WITH FLOOR KIT

3'	8'	8'	3'

5'	4'	8'	5'

3'	8'	8'	3'

5'	4'	8'	5'
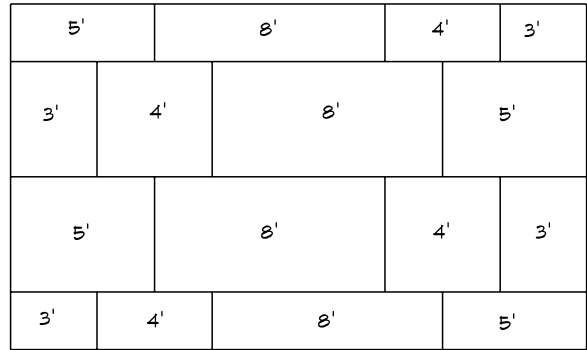
10X16' WITH FLOOR KIT

5'	8'	8'	3'

3'	8'	8'	5'

5'	8'	8'	3'

3'	8'	8'	5'

12 ROOF SHEATHING LAYOUT

SCALE: 0.1500" = 1'-0"