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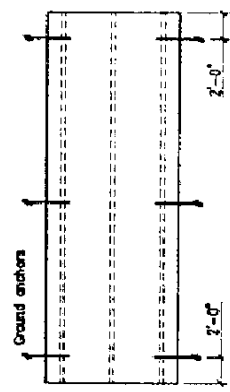
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OF NORTH CAROLINA
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PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 NO. 13779
 2-4-2019

DRAWING INDEX

C1	Cover Sheet and General Notes
2	Floor and Wall Framing Plans
3	Roof Framing Plans and Exterior Elevations
4	Wall Framing Elevations and Wall Section
D1	Details
D2	Details

12'-0 x 12'-0 to 28'-0 A-Frame Shed



Ground Anchor Schedule

Building Length	Number of Ground Anchors	Each Long Side
30 ft - 36 ft	3	2
12 ft - 28 ft	2	2

Notes:
 1. Minimum uplift capacity of each anchor: 2,300 pounds
 2. Install ground anchors and strapping in accordance with manufacturer's instructions

GENERAL NOTES AND OUTLINE SPECIFICATIONS

- 01000 GENERAL**
- Design Live Loads
 - Floor: 40 psf
 - Roof: 20 psf
 - Ground Snow Loads (2018 IRC Building Code, 2015 IBC, ASCE 7-10)
 - Ground Snow Load: 15 psf
 - Wind Loads (2018 IRC Building Code, 2015 IBC, ASCE 7-10)
 - Basic Wind Velocity (ultimate): 120 mph; Exposure: C; Category II
 - Latent design controlled by Wind Loads
- 02000 FOUNDATION**
- Design soil bearing capacity: 2,000 psf (assumed).
- 06000 PRE-ENGINEERED WOOD CONNECTORS**
- Connectors shall be hot-dipped galvanized or electro-plated galvanized with a minimum coating of G90.
 - Nails shall be "common" unless otherwise noted in the drawings.
- 06110 WOOD FRAMING**
- Unless noted otherwise, kiln-dried, S-P-F, #2 grade, surfaced dry, 15 percent maximum moisture content.
 - Floor joists: preservative-treated, kiln-dried, Southern Pine, #2 grade, surfaced dry, 15 percent maximum moisture content.
 - Wall studs: preservative-treated, kiln-dried, Southern Pine, #2 grade, surfaced dry, 15 percent maximum moisture content.
 - Roof rafters: preservative-treated, kiln-dried, Southern Pine, #2 grade, surfaced dry, 15 percent maximum moisture content.
 - Nail sizes:

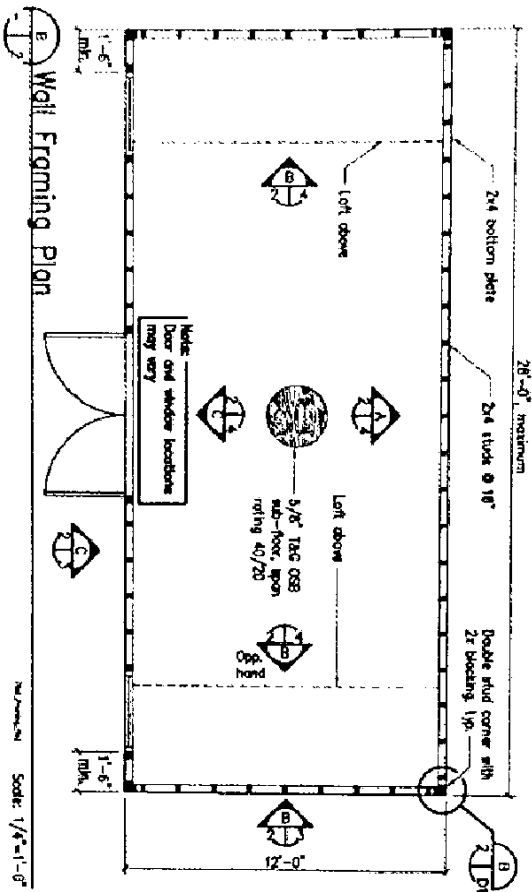
Penetration	Length (inches)	Diameter (inches)
8d	2.5	0.131
10d	3	0.148
12d	3.25	0.146

- 06120 STRUCTURAL WOOD PANELS**
- Sheathing shall conform to the grading rules of U.S. Product Standard PS 1, latest edition, and shall have appropriate grade trade mark of an American Plywood Association approved agency on each plywood panel. Sheathing shall be APA rated sheathing in thicknesses and spans relating shown drawings. Sheathing shall be applied in full sheets or in largest pieces produced for the framing being covered.
 - Particulateboard sheathing: ANSI A208.1 APA Oriented Strand Board; wood fiberboard with waterproof resin binder, unsorted faces.
 - Secure roof sheathing perpendicular to framing members with ends staggered and sheet ends over firm bearing.
 - Secure and sheathing with long dimension parallel to wall studs, with ends over firm bearing and staggered.
 - Install sheathing two span continuous minimum.

CARPE Project #19008
 Date: 2/14/2019

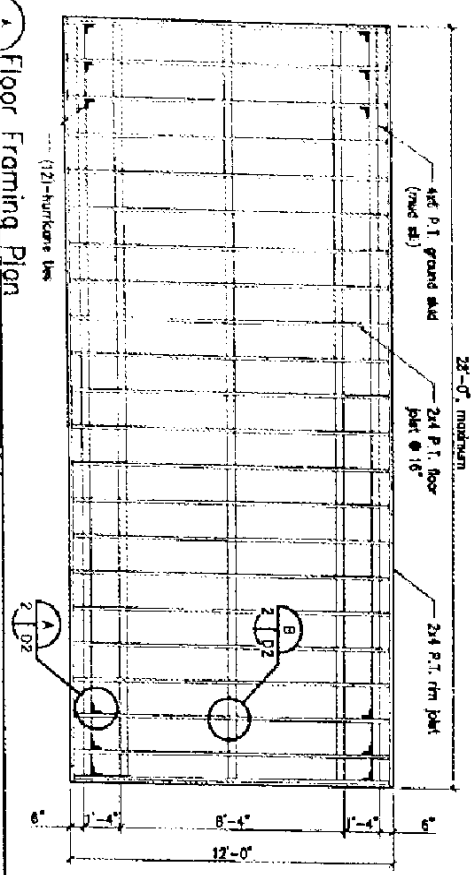
SWT-5

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Wall Framing Plan

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



Floor Framing Plan

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

See 2nd flr
2-14-2019

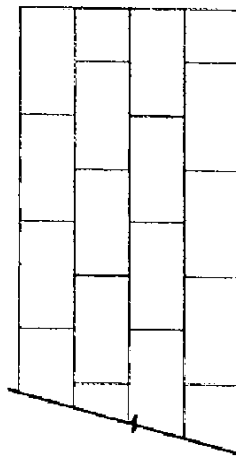
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Open	CAR	12' x 12' to 28' x 8' Shed
Checked	GAR	
Date	2/27/2019	
Rev	2/27/2019	
Rev		

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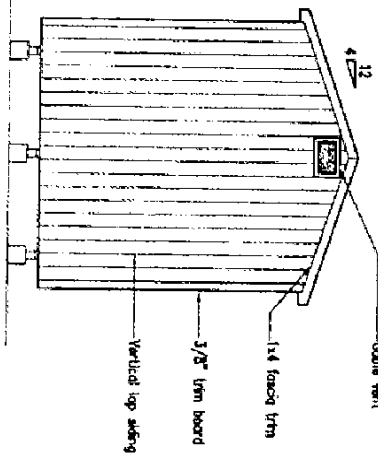


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Sheathing Joint Pattern

Dispositivo de Segurança

Section N.15.



Exterior Elevation

Score: $1/4^{\circ} = 1^{\circ} - 0$

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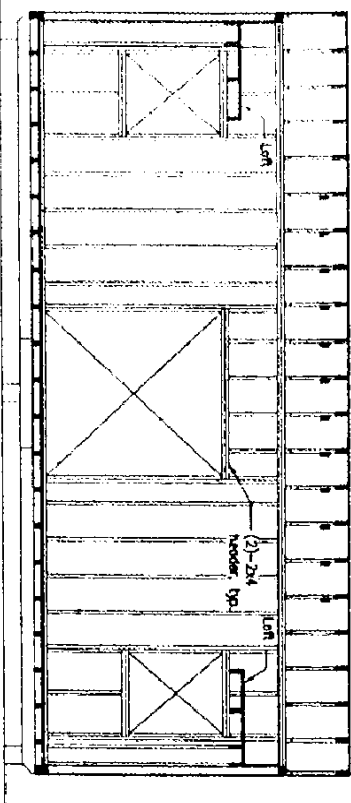
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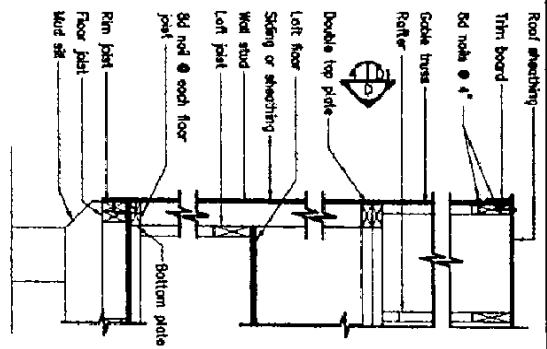
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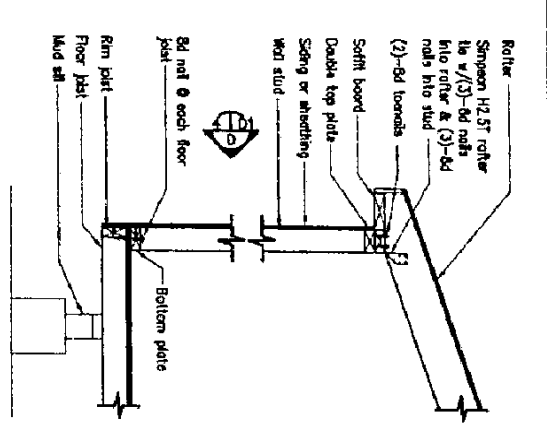
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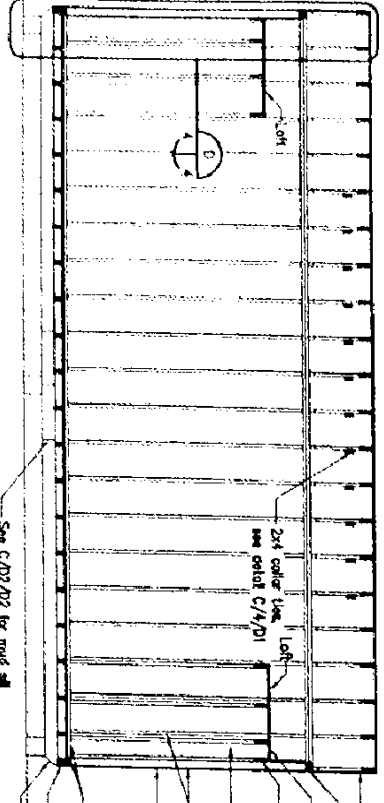
A Wall Framing Elevation
 Scale: 1/4" = 1'-0"



D Wall Section
 Scale: 3/4" = 1'-0"

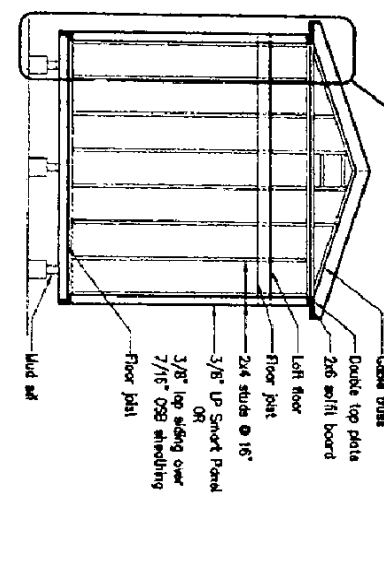


E Wall Section
 Scale: 3/4" = 1'-0"



B Wall Framing Elevation
 Scale: 1/4" = 1'-0"

- Cable truss each end
- Double top plate
- 7/16" OSB floor
- 2x6 floor joist @ 16"
- 2x4 jack stud, 1/2" under floor joist
- 2x4 studs @ 16"
- 3/8" UP Smart Panel OR
- 3/8" lap siding over 7/16" OSB sheathing
- 2x4 bottom plate
- 2x4 P.T. rim joist
- 4x6 P.T. mud sill
- See C/D2/D2 for mud sill splice detail



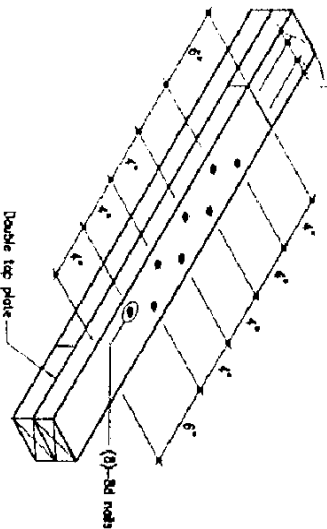
C Wall Framing Elevation
 Scale: 1/4" = 1'-0"

12' x 12' to 26' x 9' Shed
Drawn: CAR
Checked: CAR
Date: 7/7/89
Rev: 2/7/89
Rev:



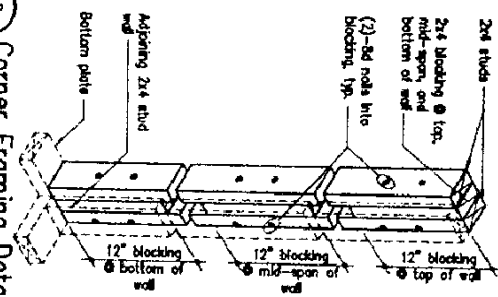
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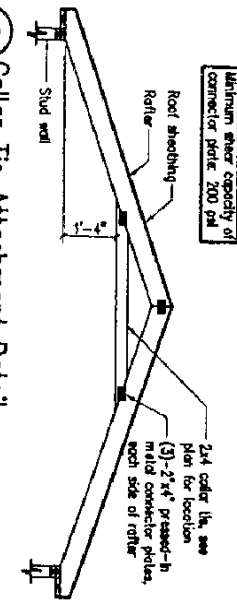
Top Plate Splice Detail

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



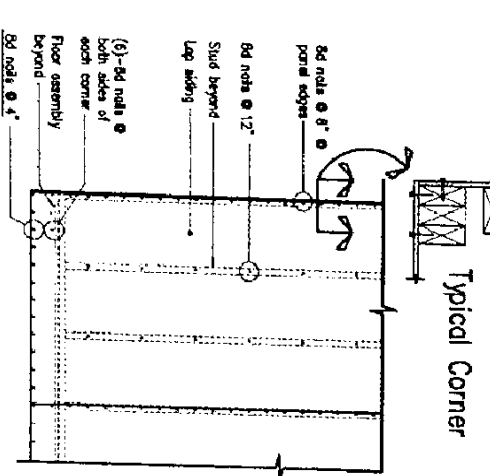
Corner Framing Detail

Scale: 1" = 1'-0"

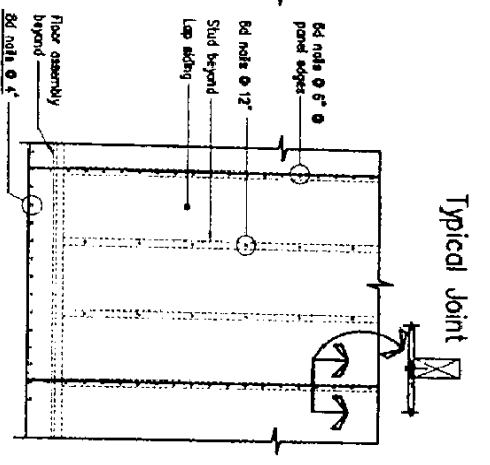


Collar Tie Attachment Detail

Scale: 3/8" = 1'-0"



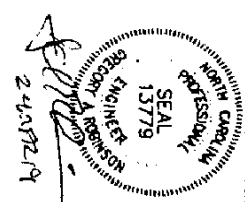
Typical Corner



Typical Joint

Panel Nailing Patterns

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



Drawn	CAR
Checked	CAR
Date	2/7/73
Rev	2/7/73
Rev	

12' x 12' to 28' x 8' Shed

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GARPE Job # 19009

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