

Brad,

I know this is confusing, but these people want to build an addition (16x36) on to a manufactured shed (14x32). The engineered plans for the shed are included with this information. I have drawn a foundation plan for the addition and included some wall section drawings. Please let me know if you need anything else.

Thanks,

Ken Moss

910.890.2103

2402 S RIVER RD  
JOHN CRAIG



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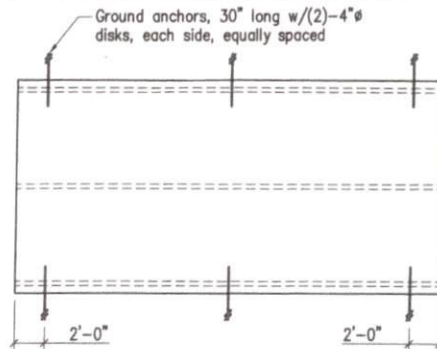
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THE **Shed Depot**  
OF NORTH CAROLINA



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**14'-0" x 30'-0" to 36'-0"**  
**A-Frame Shed**

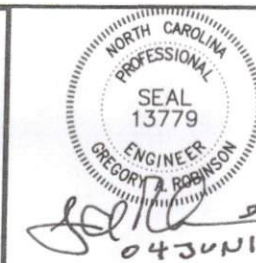


Ground Anchors

(Drawn\_Anchors) Scale: 1/8"=1'-0"

Ground Anchor Schedule		
Building Length	Number of Ground Anchors Each Long Side	(ANCHOR SCHED)
30 ft - 36 ft	3	
12 ft - 28 ft	2	

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



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

GENERAL NOTES AND OUTLINE SPECIFICATIONS

01000 GENERAL

1. Design Live Loads
  - Floor 40 psf
  - Roof 20 psf
2. Ground Snow Loads (2018 NC Building Code, 2015 IRC, ASCE 7-10)
  - Ground Snow Load: 15 psf
3. Wind loads (2018 NC Building Code, 2015 IRC, ASCE 7-10)
  - Basic Wind Velocity (ultimate): 120 mph; Exposure: C; Category III
4. Lateral design controlled by Wind Loads.

02000 FOUNDATION

1. Design soil bearing capacity: 2,000 psf (presumed).

06090 PRE-ENGINEERED WOOD CONNECTORS

1. Connectors shall be hot-dipped galvanized or electro-plated galvanized with a minimum coating of G90.
2. Nails shall be "common" unless otherwise noted in the drawings.

06110 WOOD FRAMING

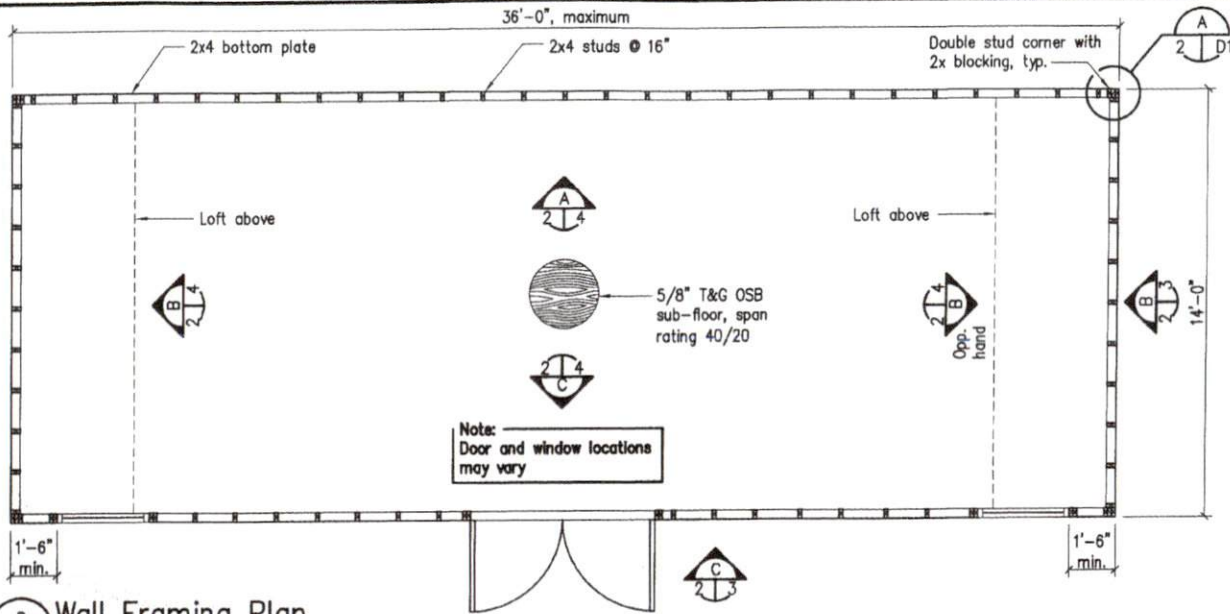
1. Unless noted otherwise: kiln-dried, S-P-F, #2 grade, surfaced dry, 15 percent maximum moisture content.
  - Floor joists: preservative-treated, kiln-dried, Southern Pine, #2 grade, surfaced dry, 15 percent maximum moisture content.
  - Mud sills: preservative treated, kiln-dried, Southern Pine, #2 grade, surfaced dry, 19 percent maximum moisture content.
2. Nail sizes:
 

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

06120 STRUCTURAL WOOD PANELS

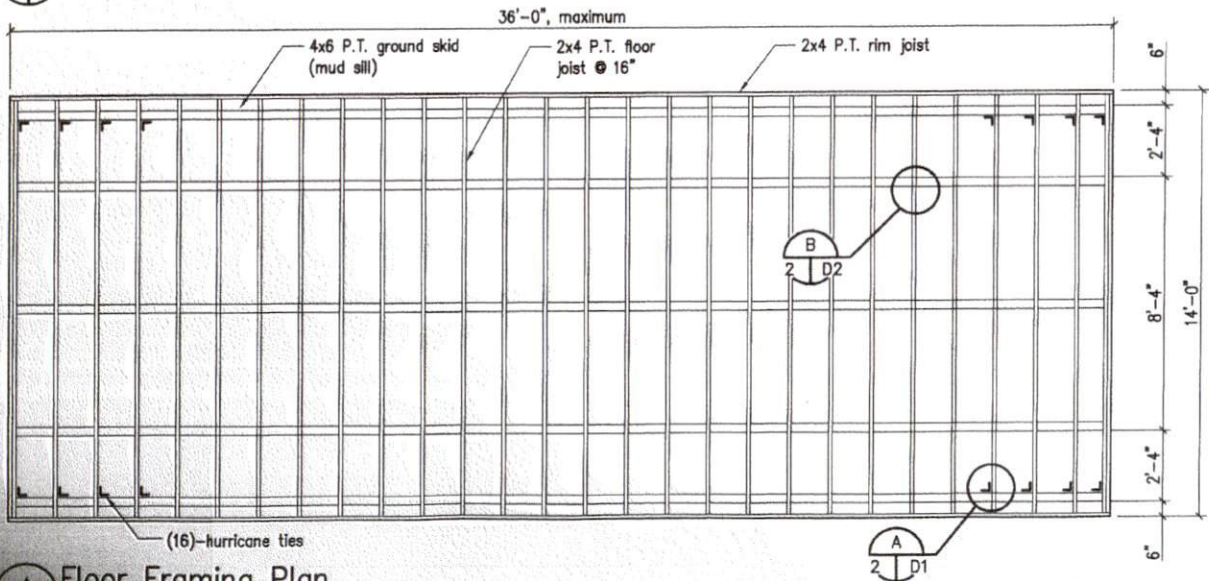
1. Sheathing shall conform to the grading rules of U.S. Product Standard PS 1, latest edition, and shall have appropriate grade trade mark of an American Plywood Association approved agency on each plywood panel. Sheathing shall be APA rated sheathing in thicknesses and span ratings shown drawings. Sheathing shall be applied in full sheets or in largest pieces practical for the area being covered.
2. Particleboard sheathing: ANSI A208.1 APA Oriented Strand Board; wood flakes set with waterproof resin binder; unsanded faces.
3. Secure roof sheathing perpendicular to framing members with ends staggered and sheet ends over firm bearing.
4. Secure wall sheathing with long dimension parallel to wall studs, with ends over firm bearing and staggered.
5. Install sheathing two span continuous minimum.

GARPE Project #19009  
Date: 04JUN19



Wall Framing Plan

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



Floor Framing Plan

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

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05JUN19

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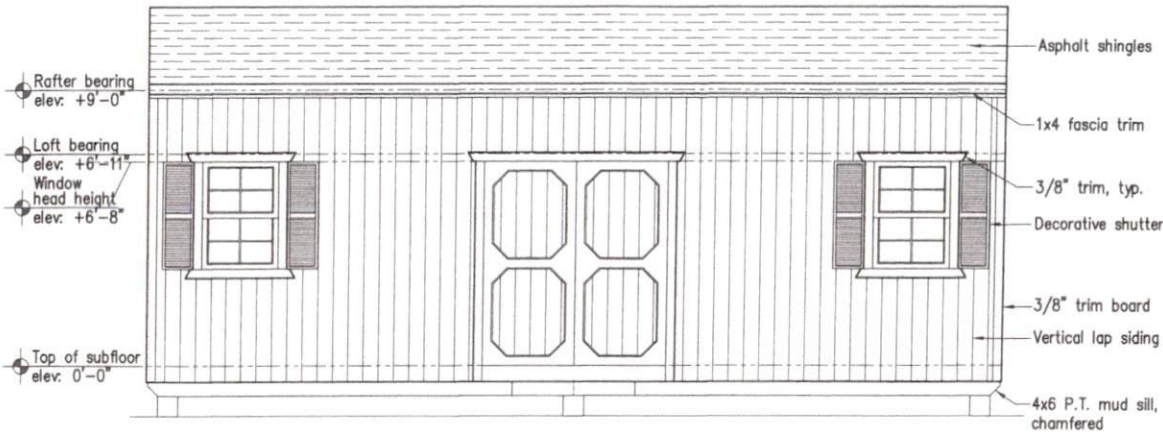
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greg@garpe.com

14' x 30' to 36' x 9' Storage Shed

GARPE Job # 19009

Drawn GAR  
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Date 04JUN19  
Rev  
Rev

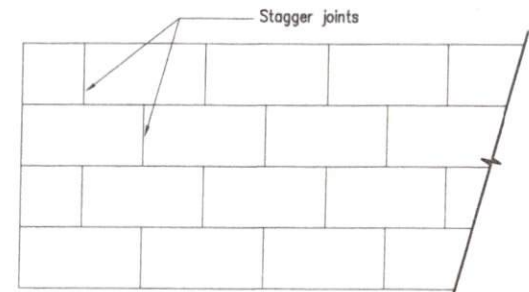
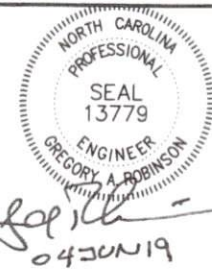
2  
of 6



C Exterior Elevation

2 3

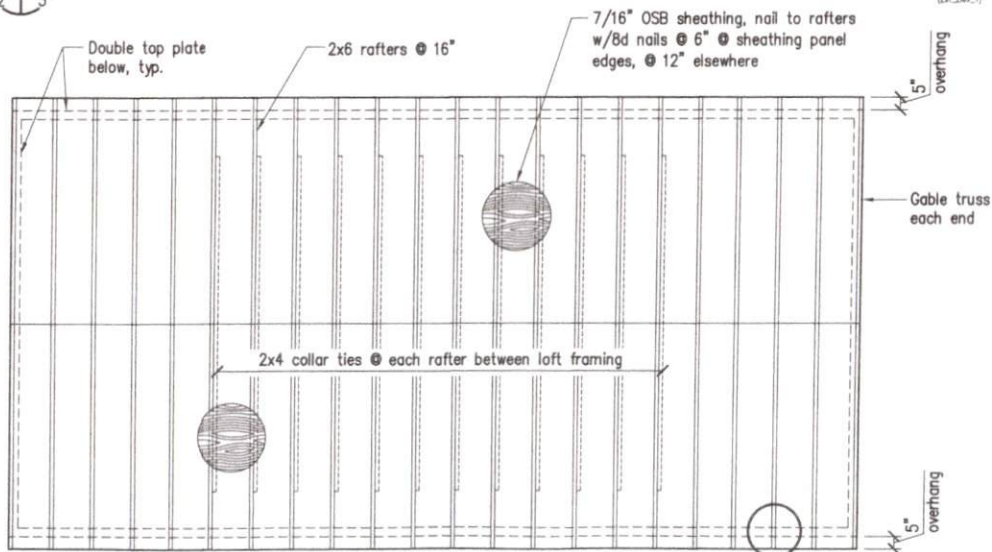
(Ext\_Elev\_1) Scale: 1/4"=1'-0"



D Roof Sheathing Joint Pattern

2 3

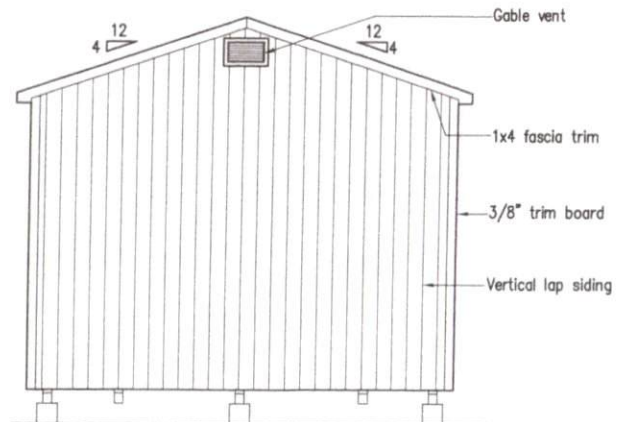
(Sheathing\_Joint\_Pattern) Scale: N.T.S.



A Roof Framing Plan

2 3

(Roof\_Framing\_Plan) Scale: 1/4"=1'-0"



B Exterior Elevation

2 3

(Ext\_Elev\_2) Scale: 1/4"=1'-0"

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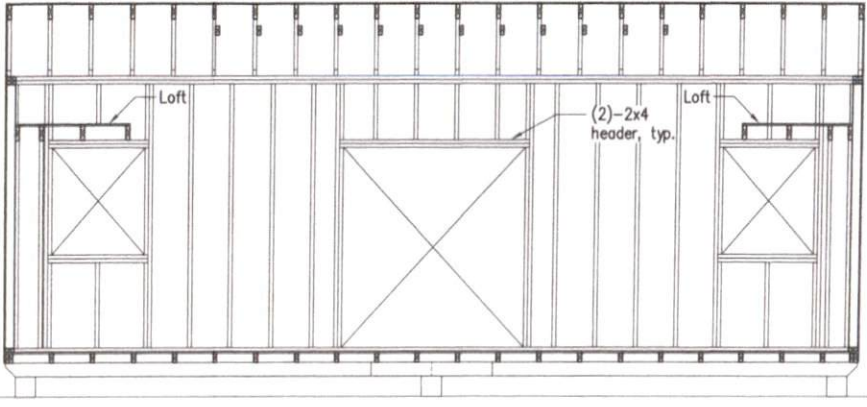


14' x 30' to 36' x 9' Storage Shed  
 GARPE Job # 19009

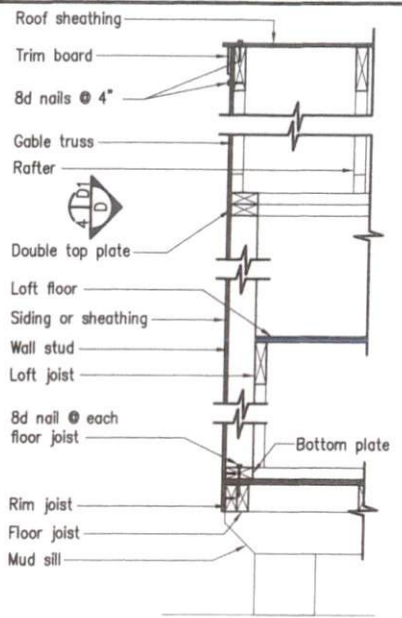
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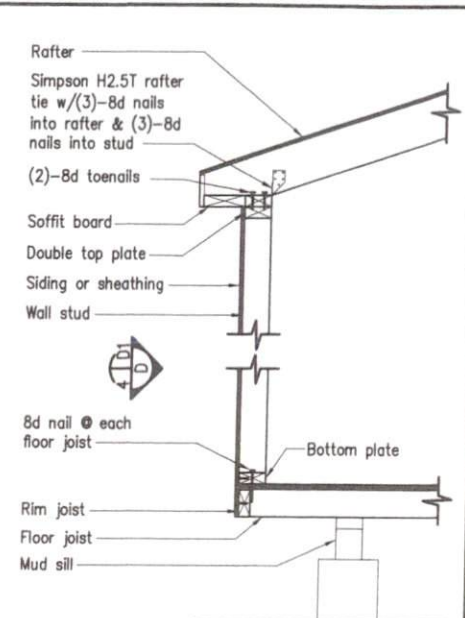
*Garpe*  
04 JUN 19



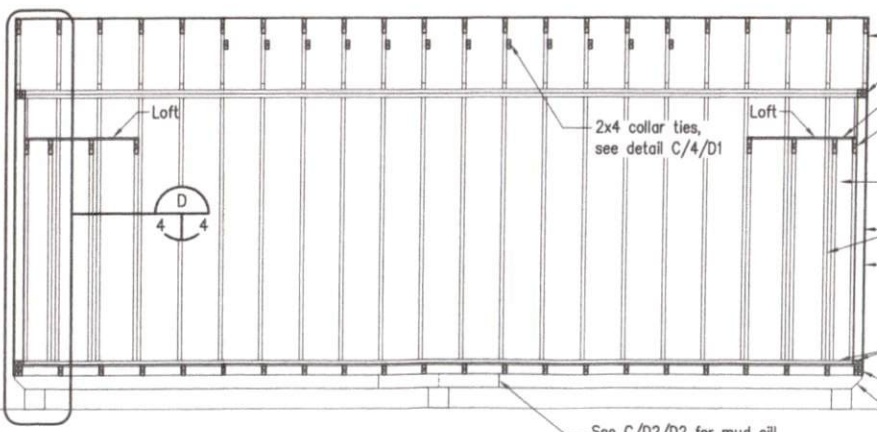
**C Wall Framing Elevation**  
Scale: 1/4"=1'-0"  
(Wall\_Dev\_3)



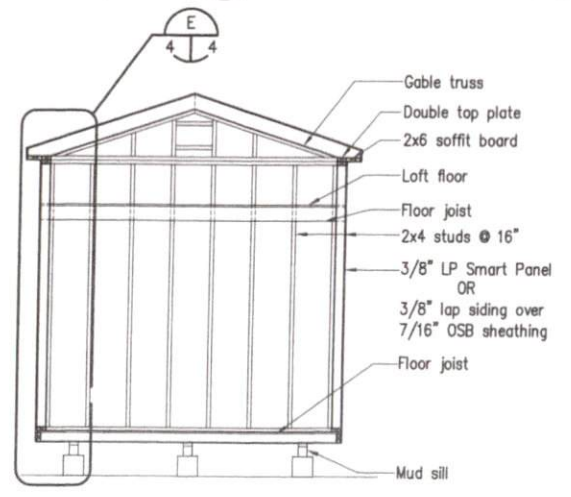
**D Wall Section**  
Scale: 3/4"=1'-0"  
(Wall\_Section\_Rake)



**E Wall Section**  
Scale: 3/4"=1'-0"  
(Wall\_Section)



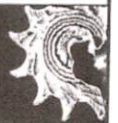
**A Wall Framing Elevation**  
Scale: 1/4"=1'-0"  
(Wall\_Dev\_1)



**B Wall Framing Elevation**  
Scale: 1/4"=1'-0"  
(Wall\_Dev\_2)



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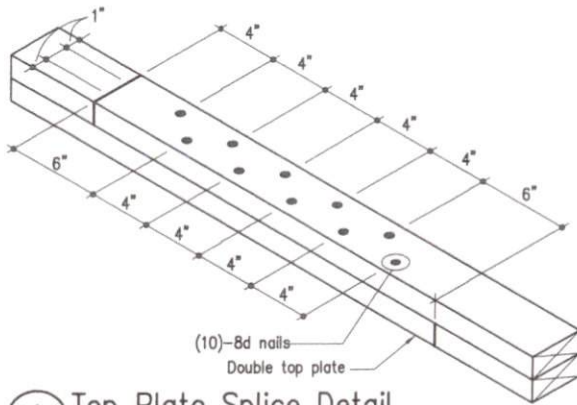


14' x 30' to 36' x 9' Storage Shed

GARPE Job # 19009

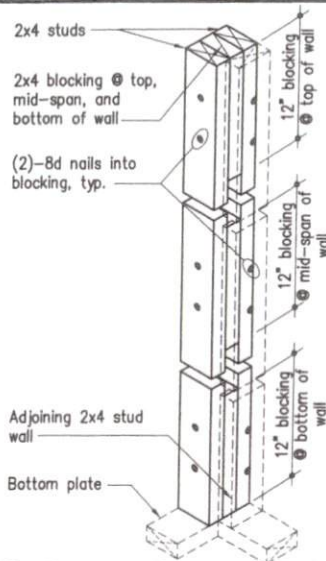
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4 of 6



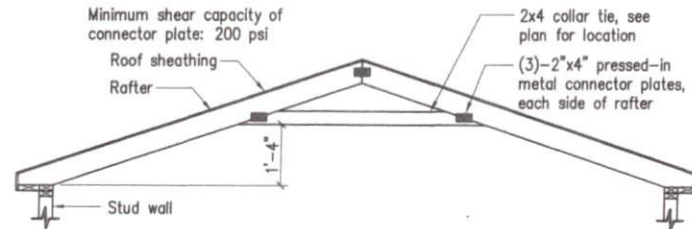
**A** Top Plate Splice Detail

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



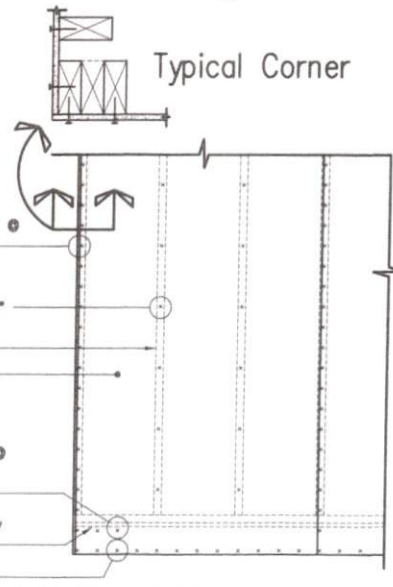
**B** Corner Framing Detail

Scale: 1"=1'-0"



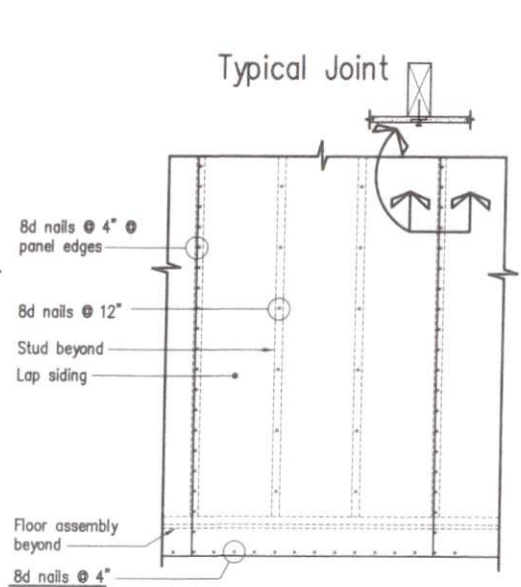
**C** Collar Tie Attachment Detail

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



**D** Panel Nailing Patterns

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



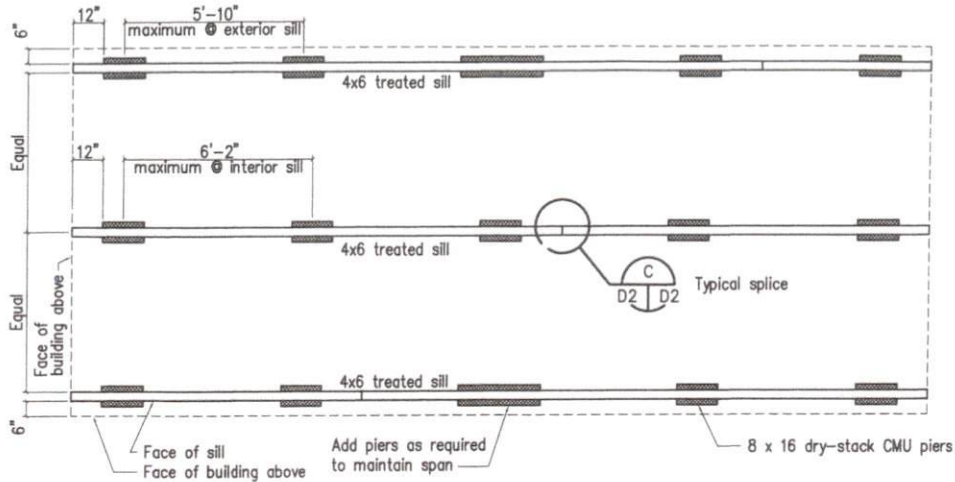
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14' x 30' to 36' x 9' Storage Shed  
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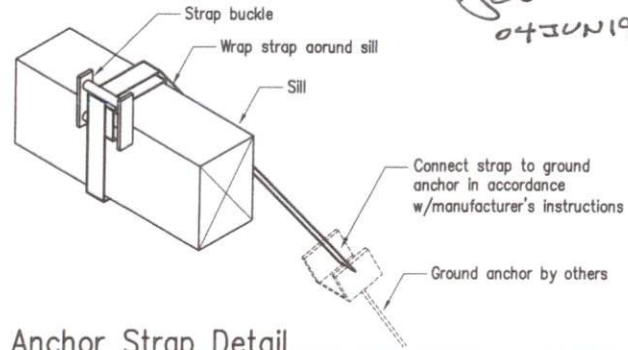
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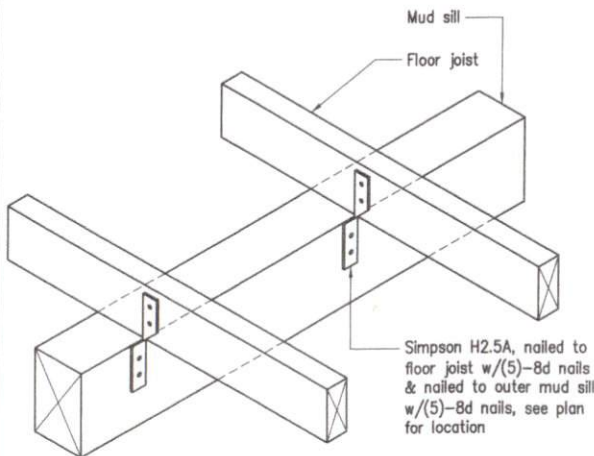
Floor Framing and Foundation Pier Plan, 14' x 36' (maximum)

(SILL) Scale: 1/4"=1'-0"



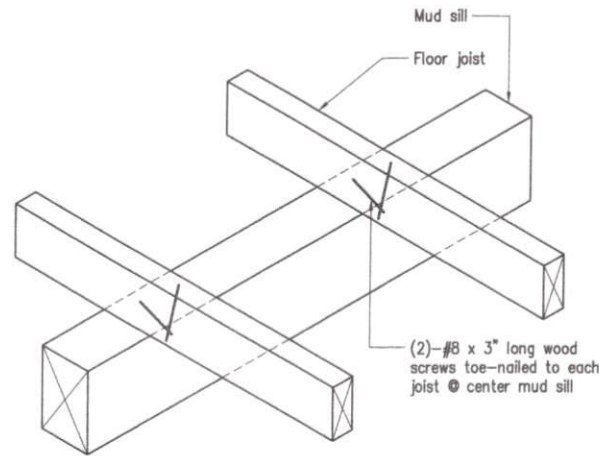
Anchor Strap Detail

(STRAP) Scale: 1 1/2"=1'-0"



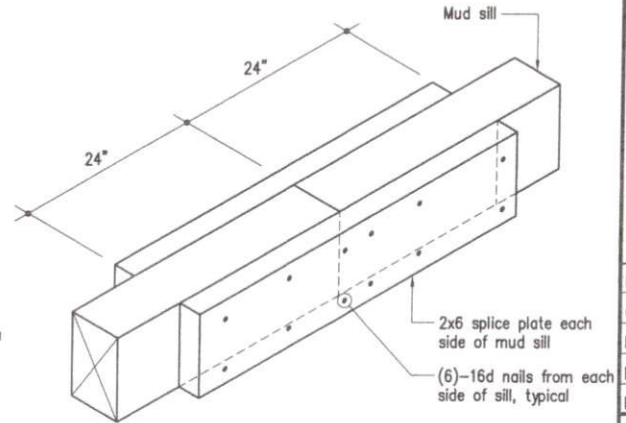
(A) Floor Joist to Outer Mud Sill Connection Detail

(Sill\_Sp\_Conn1) Scale: 1 1/2"=1'-0"



(B) Floor Joist to Inner Mud Sill Connection Detail

(Sill\_Sp\_Conn2) Scale: 1 1/2"=1'-0"



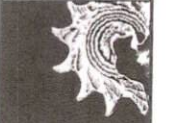
(C) Mud Sill Splice Detail

(Sill\_Splice) Scale: 1 1/2"=1'-0"

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*GR*  
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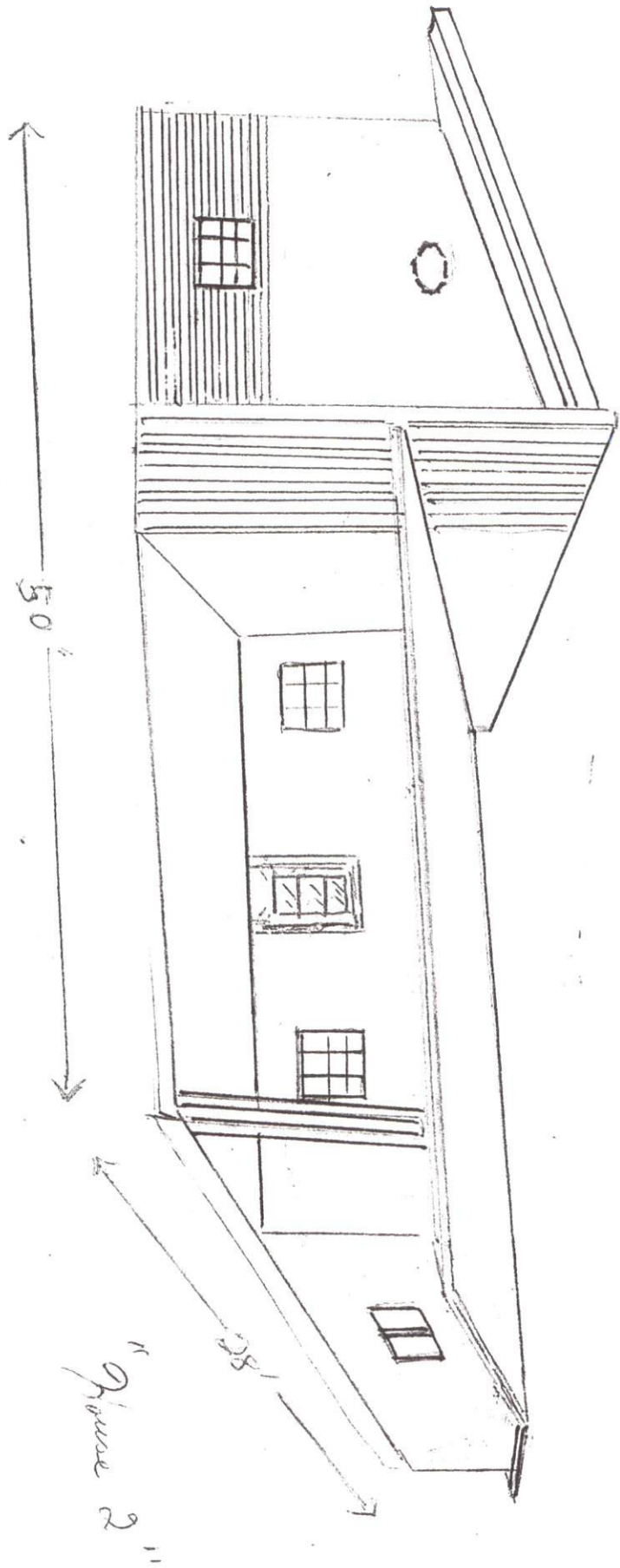
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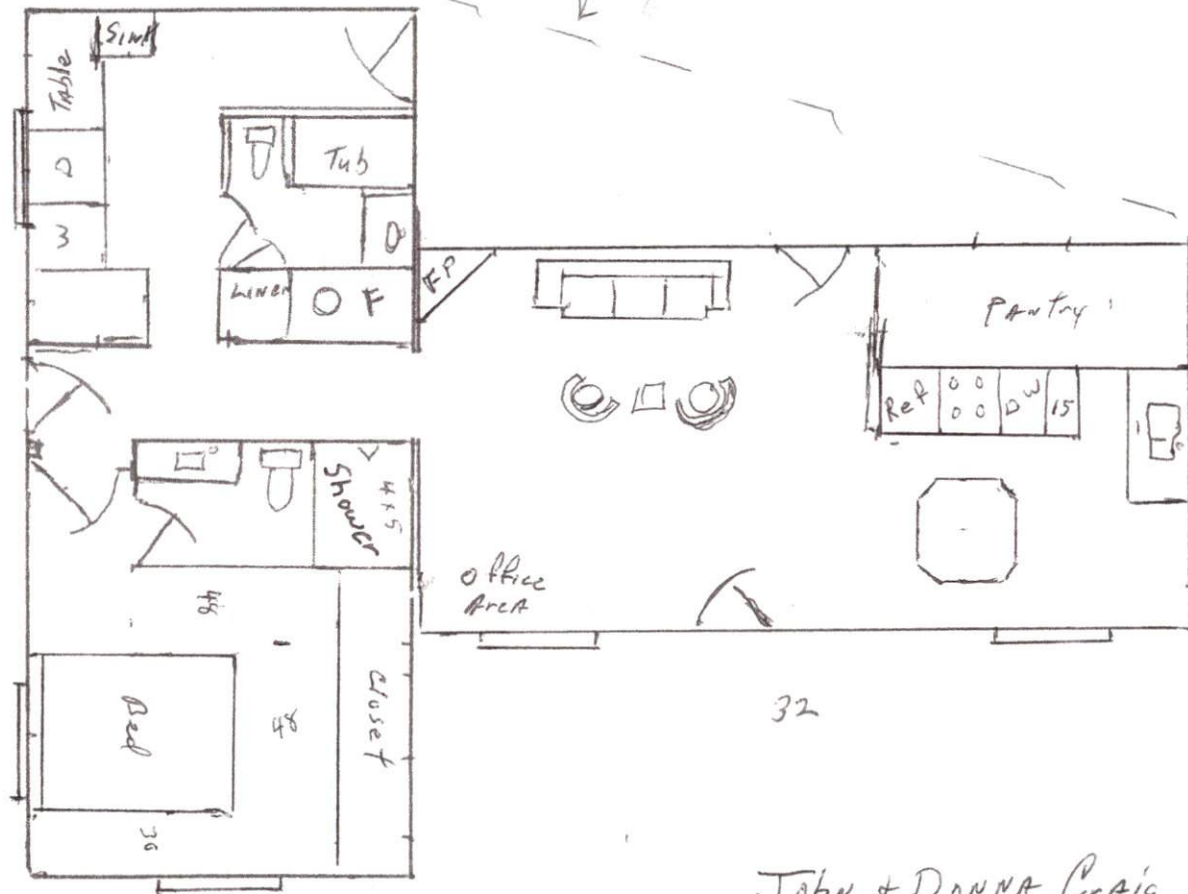
GARPE Job # 19009

D2  
6 of 6





36



16

John + Donna Craig  
2376 S River Rd  
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217-962-1749 John Call  
john@shimerz.com

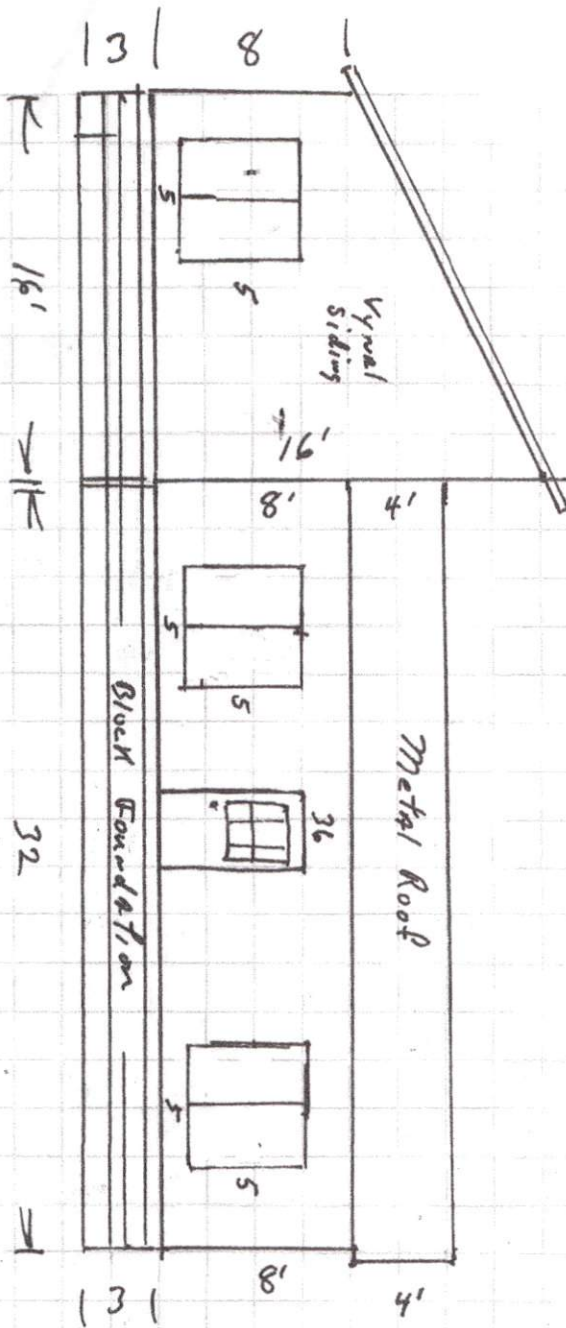
16

Phase 1 of 4

John & Donna Crain  
2236 S. River Rd  
Killington Ne

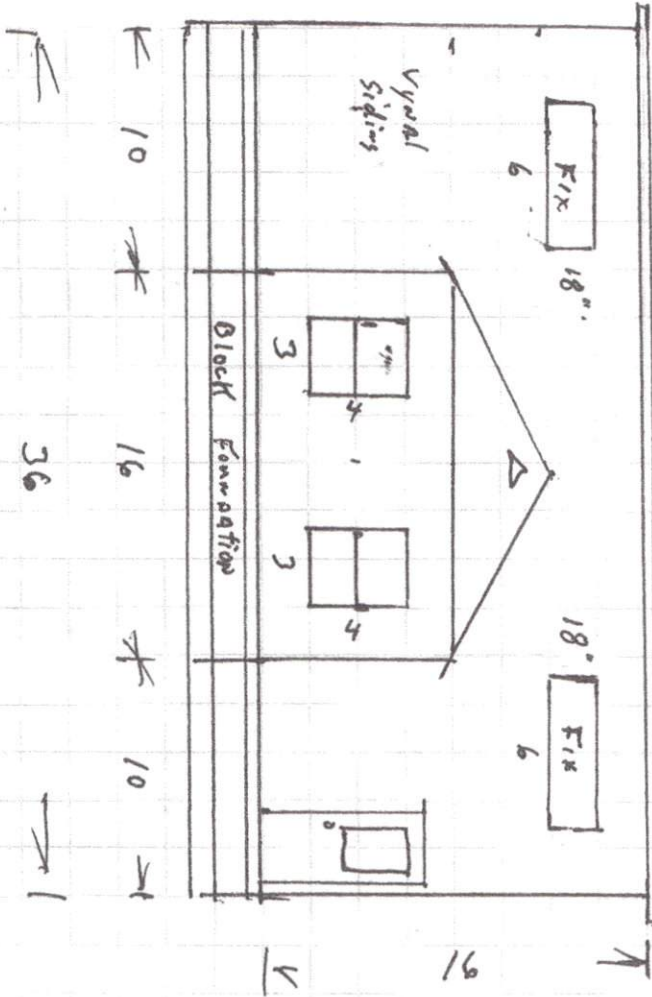
5. Cell 212-962-1249

South View

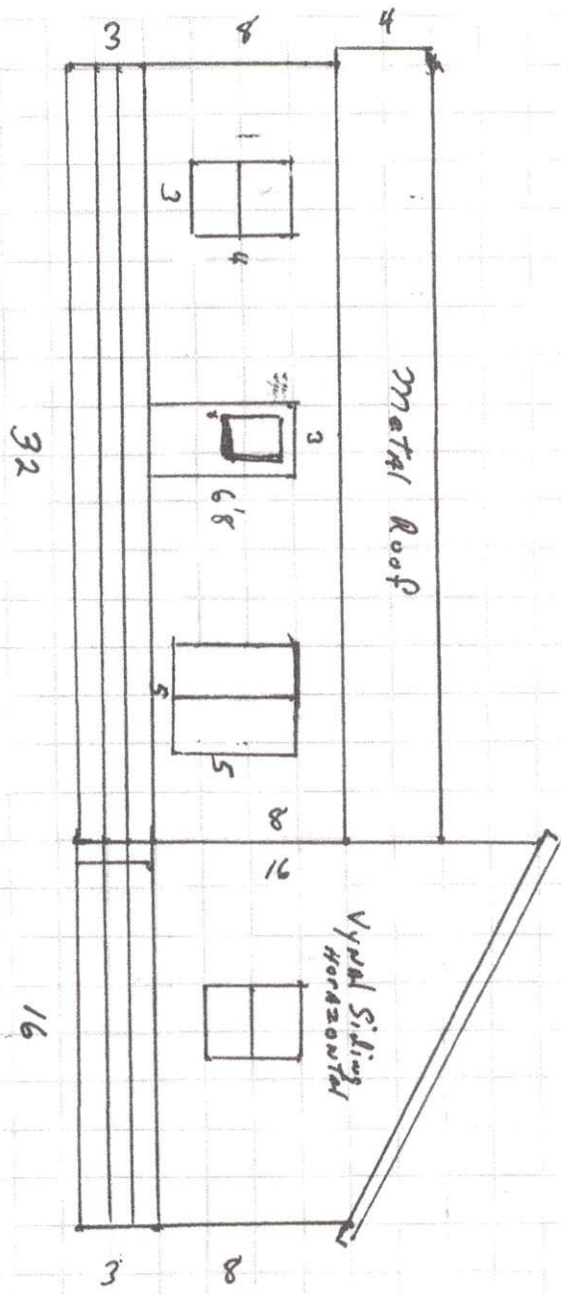


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East view

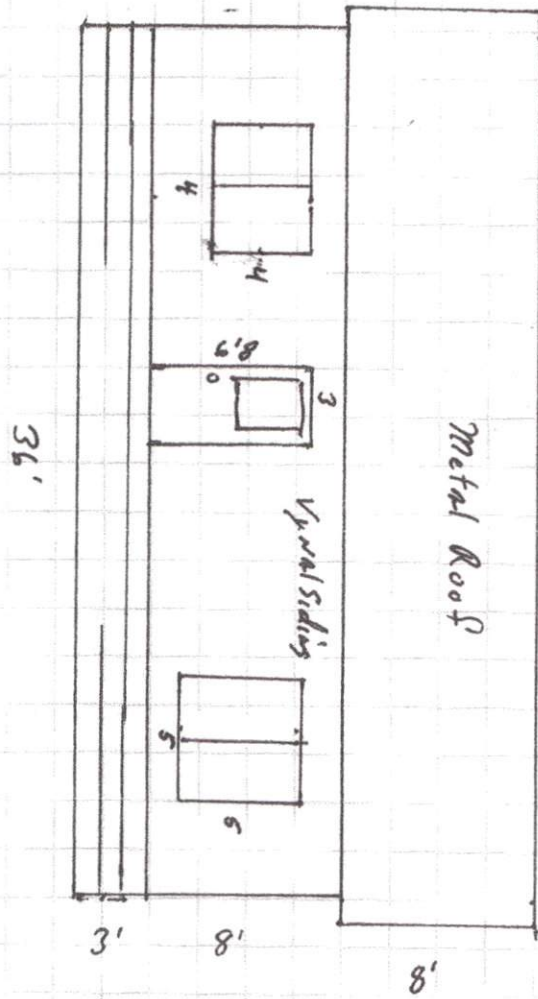


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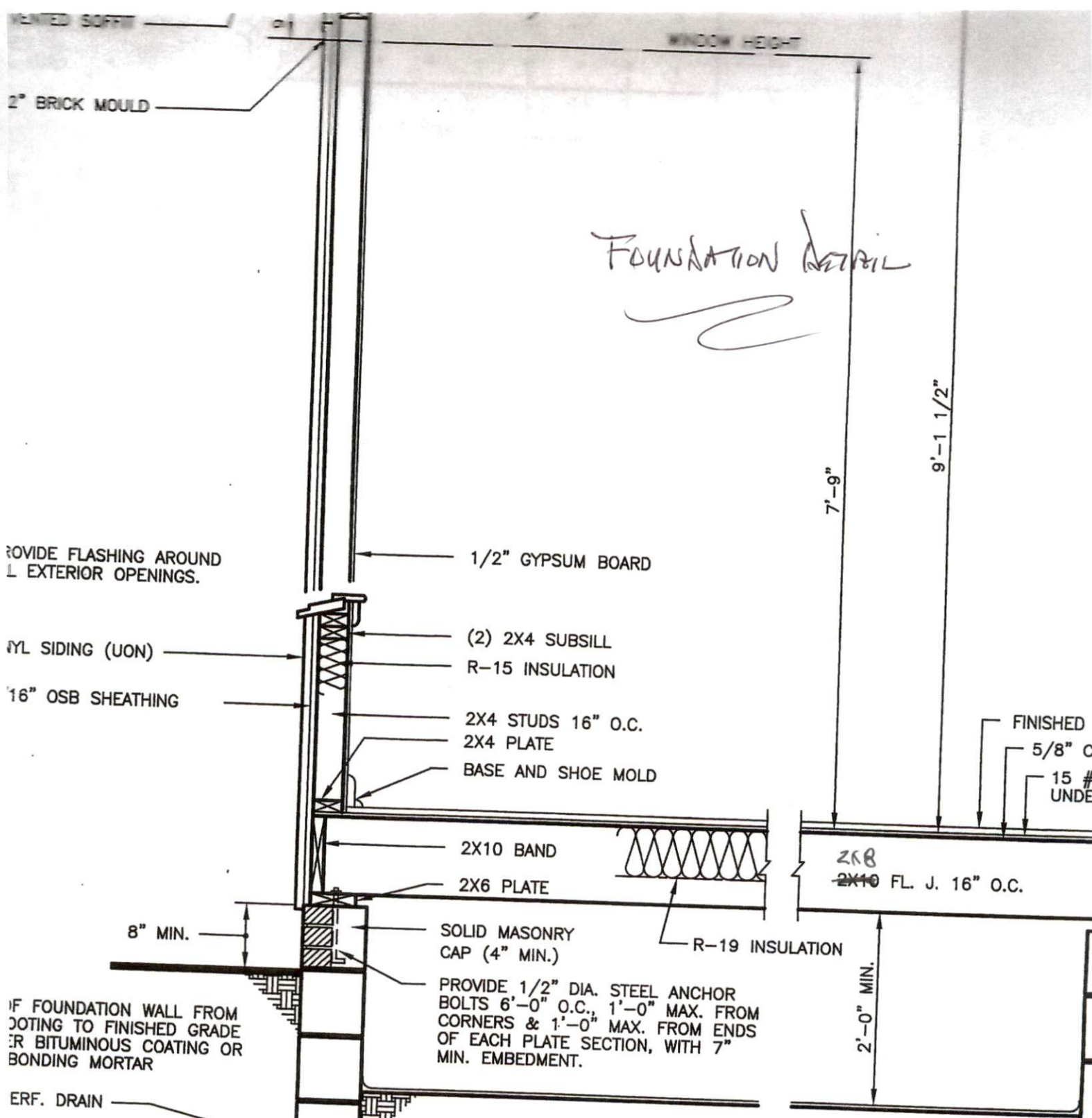


North View

Page 4 of 4



West View



FOUNDATION DETAIL

VENTED SOFFIT  
2" BRICK MOULD

WINDOW HEIGHT

PROVIDE FLASHING AROUND  
ALL EXTERIOR OPENINGS.

ASPH. SIDING (UON)  
1/2" OSB SHEATHING

1/2" GYPSUM BOARD

(2) 2X4 SUBSILL  
R-15 INSULATION

2X4 STUDS 16" O.C.  
2X4 PLATE  
BASE AND SHOE MOLD

2X10 BAND  
2X6 PLATE

SOLID MASONRY  
CAP (4" MIN.)

PROVIDE 1/2" DIA. STEEL ANCHOR  
BOLTS 6'-0" O.C., 1'-0" MAX. FROM  
CORNERS & 1'-0" MAX. FROM ENDS  
OF EACH PLATE SECTION, WITH 7"  
MIN. EMBEDMENT.

7'-9"

9'-1 1/2"

FINISHED  
5/8" C  
15 #  
UNDE

2x8  
2x10 FL. J. 16" O.C.

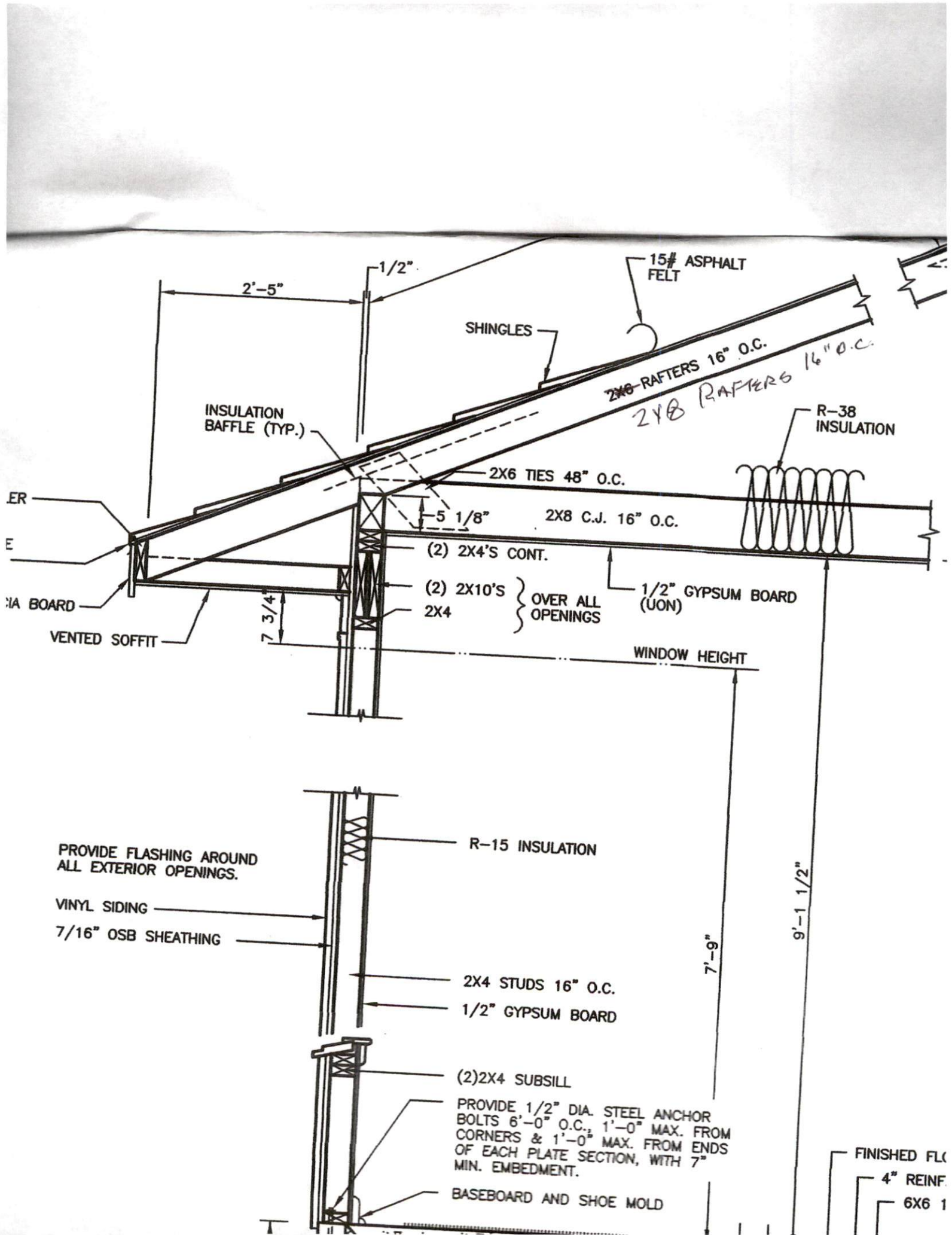
R-19 INSULATION

8" MIN.

2'-0" MIN.

PROTECT FOUNDATION WALL FROM  
SPALLING TO FINISHED GRADE  
WITH BITUMINOUS COATING OR  
BONDING MORTAR

EXTER. DRAIN



2'-5"

1/2"

15# ASPHALT FELT

SHINGLES

2x6 RAFTERS 16" O.C.

2x8 RAFTERS 16" O.C.

INSULATION BAFFLE (TYP.)

R-38 INSULATION

2x6 TIES 48" O.C.

5 1/8"

2x8 C.J. 16" O.C.

ER

E

IA BOARD

(2) 2x4'S CONT.

(2) 2x10'S  
2x4

OVER ALL OPENINGS

1/2" GYPSUM BOARD (UON)

VENTED SOFFIT

7 3/4"

WINDOW HEIGHT

PROVIDE FLASHING AROUND ALL EXTERIOR OPENINGS.

VINYL SIDING

7/16" OSB SHEATHING

R-15 INSULATION

2x4 STUDS 16" O.C.

1/2" GYPSUM BOARD

(2) 2x4 SUBSILL

PROVIDE 1/2" DIA. STEEL ANCHOR BOLTS 6'-0" O.C., 1'-0" MAX. FROM CORNERS & 1'-0" MAX. FROM ENDS OF EACH PLATE SECTION, WITH 7" MIN. EMBEDMENT.

BASEBOARD AND SHOE MOLD

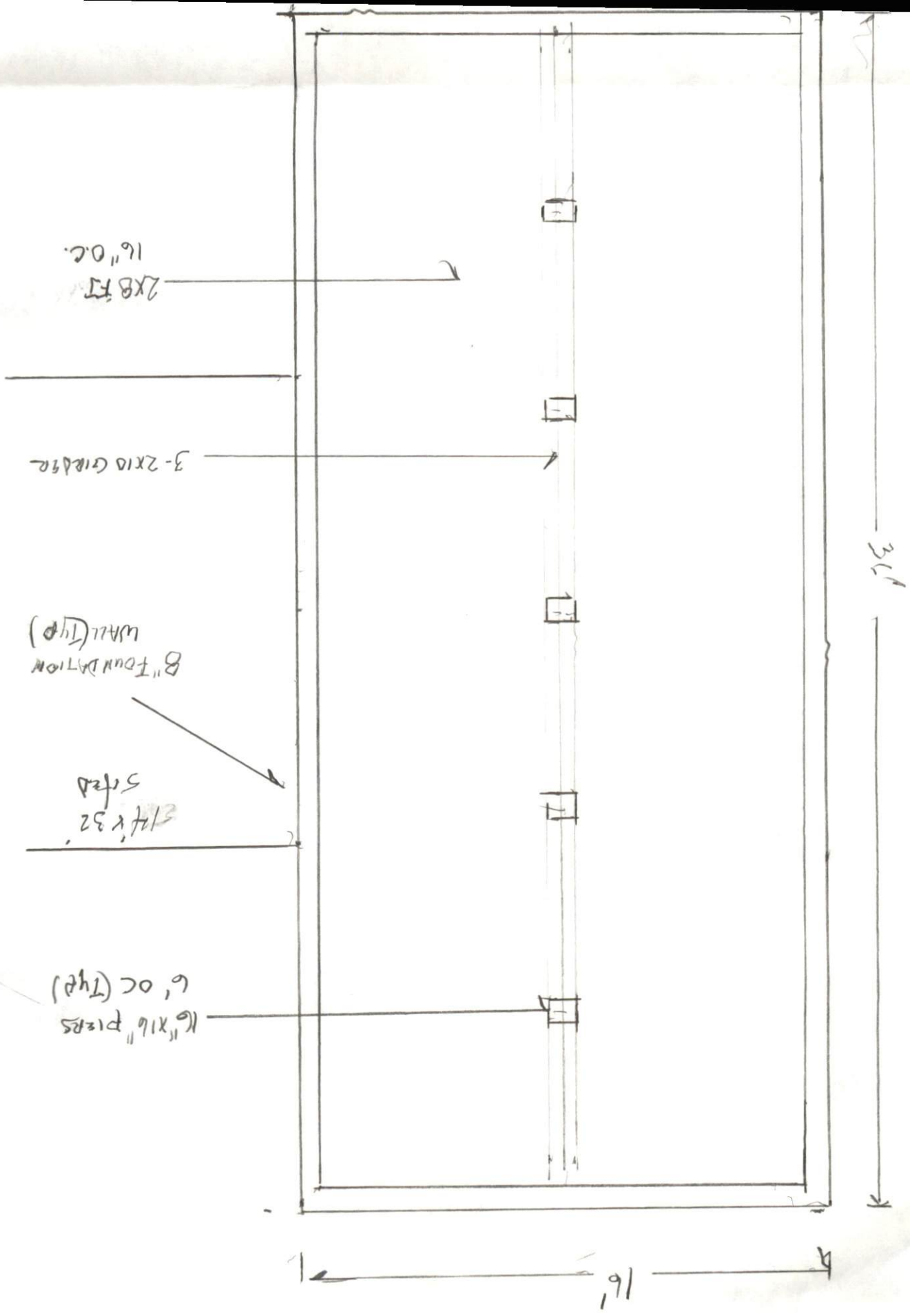
7'-9"

9'-1 1/2"

FINISHED FLOOR

4" REINFORCING

6x6 1



2x8 FT  
16" O.C.

3-2x10 GIRDERS

6" FOUNDATION WALL (Type)

2x4x32  
5 feet

6" x 16" PIERS  
6" O.C. (Type)

16'

36'