

A11440  
P13639



### Building Permit Application

Howard County Maryland  
Department of Inspections, Licenses and Permits  
3430 Court House Drive  
Permits: 410-313-2455  
www.howardcountymd.gov

Date Received: \_\_\_\_\_

Permit No.: B14000755

Building Address: 2906 Ordway Dr.  
 City: Ellicott City State: MD Zip Code: 21042  
 Suite/Apt. # \_\_\_\_\_ SDP/WP/BA #: \_\_\_\_\_  
 Census Tract: \_\_\_\_\_ Subdivision: \_\_\_\_\_  
 Section: 3 Area: B1KA Lot: 18  
 Tax Map: 16 Parcel: 242 Grid: 19  
 Zoning: RR-DEO Map Coordinates: \_\_\_\_\_ Lot Size: 40,467

Property Owner's Name: Christian Hayden  
 Address: 2906 Ordway Dr.  
 City: Ellicott City State: MD Zip Code: 21042  
 Phone: 410-618-7297 Fax: \_\_\_\_\_  
 Email: CLMRHayden@Netzero.com

Applicant's Name & Mailing Address, (if other than stated herein)  
 Applicant's Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Existing Use: Residential  
 Proposed Use: Residential  
 Estimated Construction Cost: \$ 26,500  
 Description of Work: Add 32'x26'  
Detached Garage

Contractor Company: Home owner  
 Contact Person: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 License No.: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Occupant or Tenant: Occupant  
 Was tenant space previously occupied?  Yes  No  
 Contact Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Engineer/Architect Company: \_\_\_\_\_  
 Responsible Design Prof.: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories:	Depth	Width
Gross area, sq. ft./floor:	1 <sup>st</sup> floor: <u>32.8</u>	<u>45.8</u>
Area of construction (sq. ft.):	2 <sup>nd</sup> floor: <u>27.8</u>	<u>31.2</u>
Use group:	Basement: <u>27.8</u>	<u>31.2</u>
	<input checked="" type="checkbox"/> Finished Basement	
	<input checked="" type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
<b>Construction type:</b>	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms: <u>4</u>	
<input type="checkbox"/> Structural Steel	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
<input checked="" type="checkbox"/> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit # _____	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
<u>Water Supply</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
<u>Sewage Disposal</u>	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Gas: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<u>Heating System</u>	
<input type="checkbox"/> Electric <input checked="" type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
<u>Sprinkler System:</u>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number: _____	
Building Shell Permit Number: _____	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Christian Hayden Print Name: Christian Hayden  
 Email Address: CLMRHayden@Netzero.com Date: 3/17/14  
 Title/Company: Owner

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

\*\*\*PLEASE WRITE NEATLY & LEGIBLY\*\*\*

-FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health		

Is Sediment Control approval required for issuance?  Yes  No  
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION	
Front:	
Rear:	
Side:	
Side St.:	
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Lot Coverage for New Town Zone:	
SDP/Red-line approval date:	

Filing Fee	\$ <u>25.00</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$
Check #	<u>731</u>

Distribution of Copies: White: Building Officials

Green: PSZA, Zoning

Yellow: PSZA, Engineering

Pink: Health

Gold: SHA



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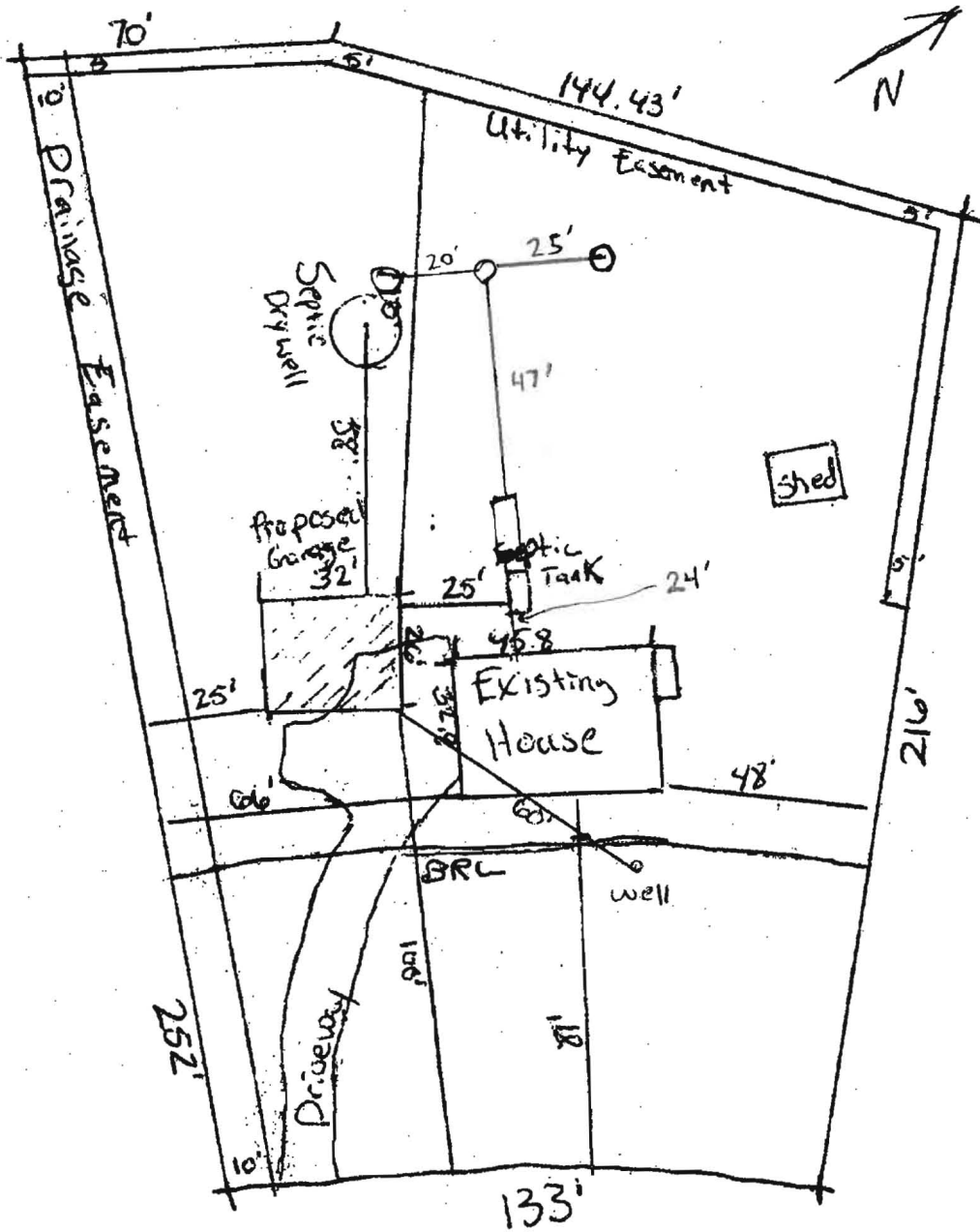
AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways	<u>3/20/14</u>	<u>[Signature]</u>
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2906 Ordway Drive  
 Ellicott City, MD 21042

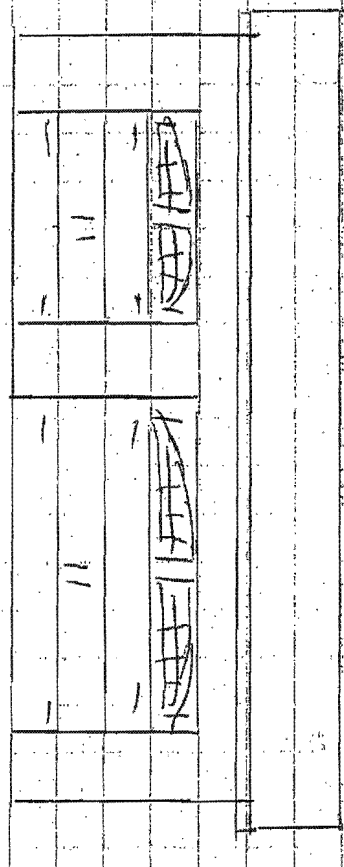
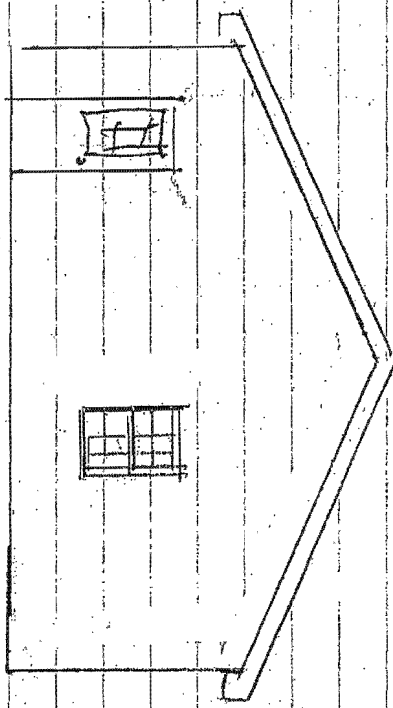
Site Plan

1" = 40'  
 Section 3 Green Henge, Lot 18,  
 Tax Map 16, Grid 19, Parcel 242

Setbacks Zoned RR-DEO

Front = 50'  
 Sides = 10'  
 Rear = 10'  
 Height = 25'

Owner Christian Hayden  
 443-618-7297  
 clmrhayden@netzero.com

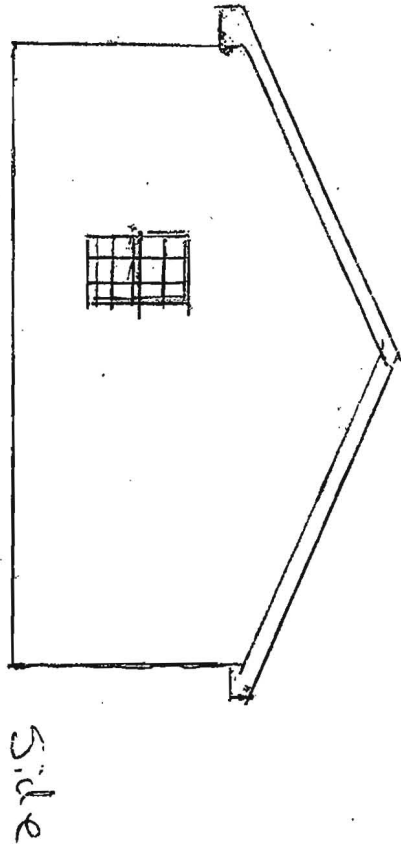
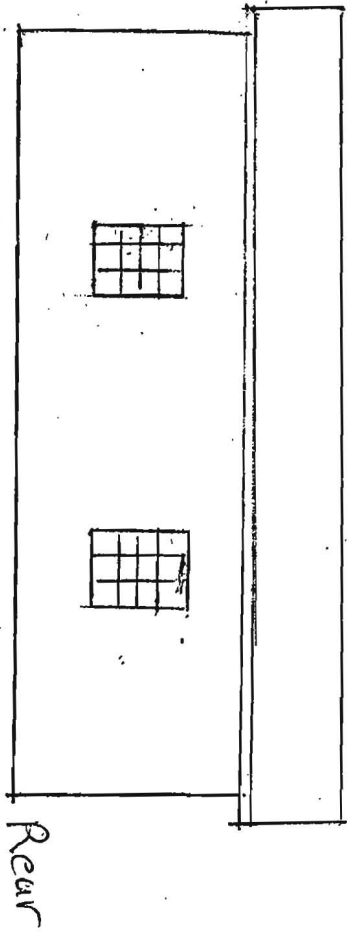


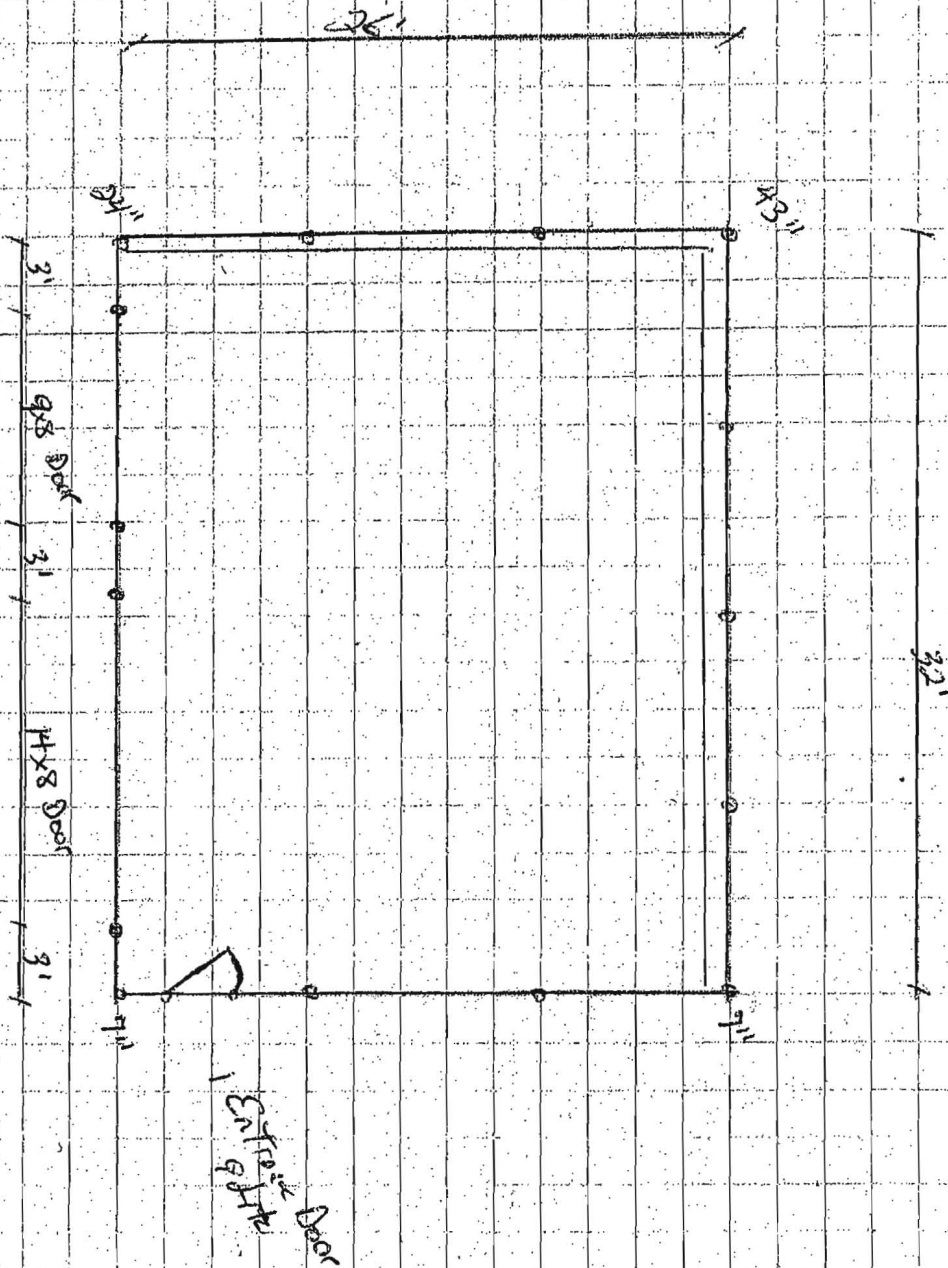
ATTN: Andrew

Permit # B1400755

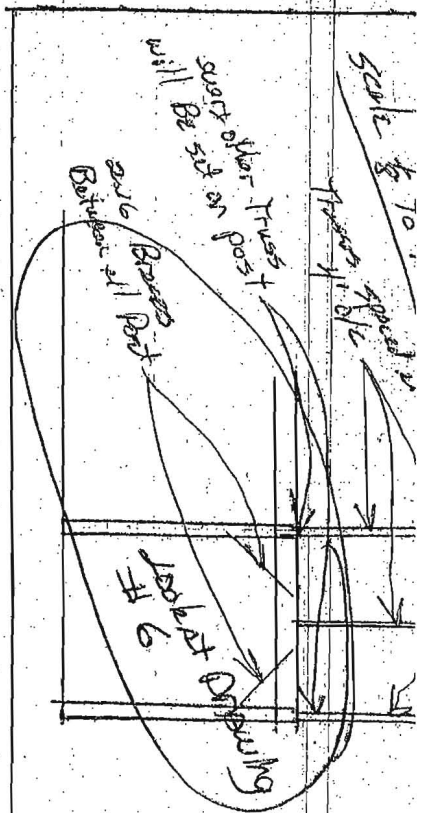
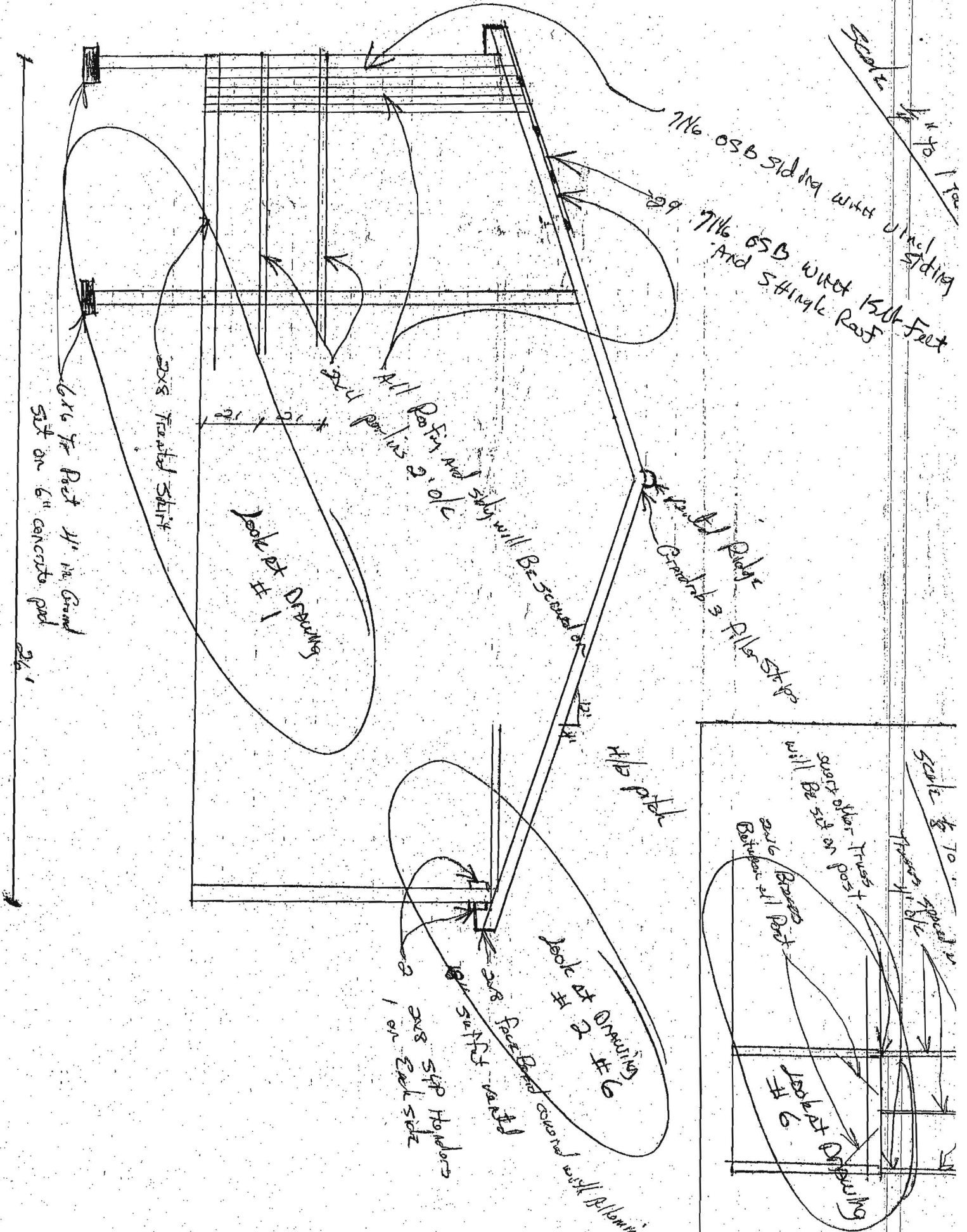
Chris Hayden

443-618-7297





10'



#1

Ground Level

2x8  
F-5 SLEEPER

36" to 48" Deep

8"

18"

3/4" x 6"  
Reinforcing Bar

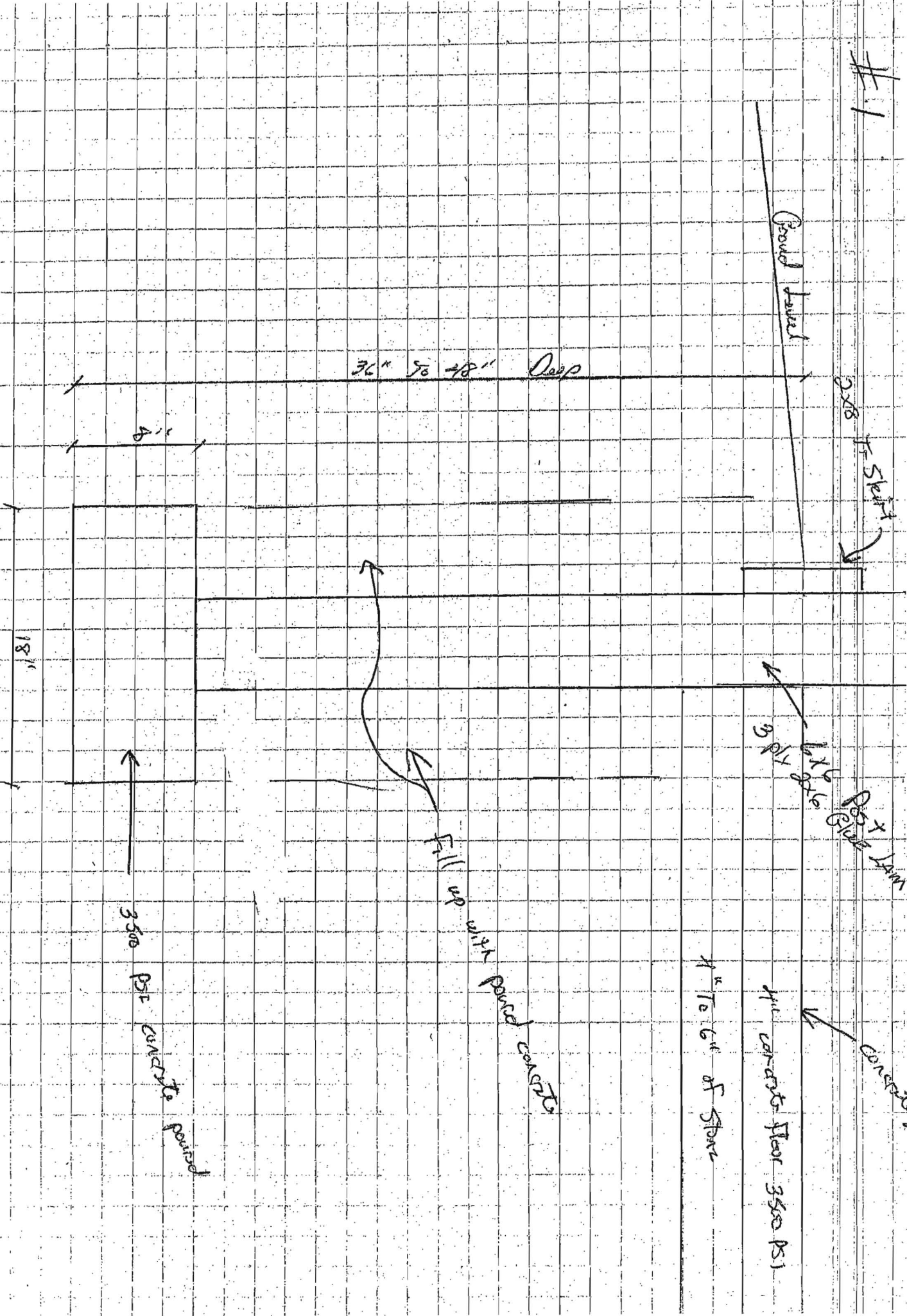
Fill up with poured concrete

1" to 6" of Stone

4" concrete floor 3500 PSI

3500 PSI concrete poured

Foot Detail



2x8 Face Board Attached with 8 KD Nails

2x4 perches 2' o/c

2x4 Energy Painted Steel Roofing screwed on

2x6 Truss Tie Down Block Attached to ceiling w/ 2x1/2 KD Nails

Truss

Aluminum soffit and fascia 1 1/2" x 1 1/2" blocks channel

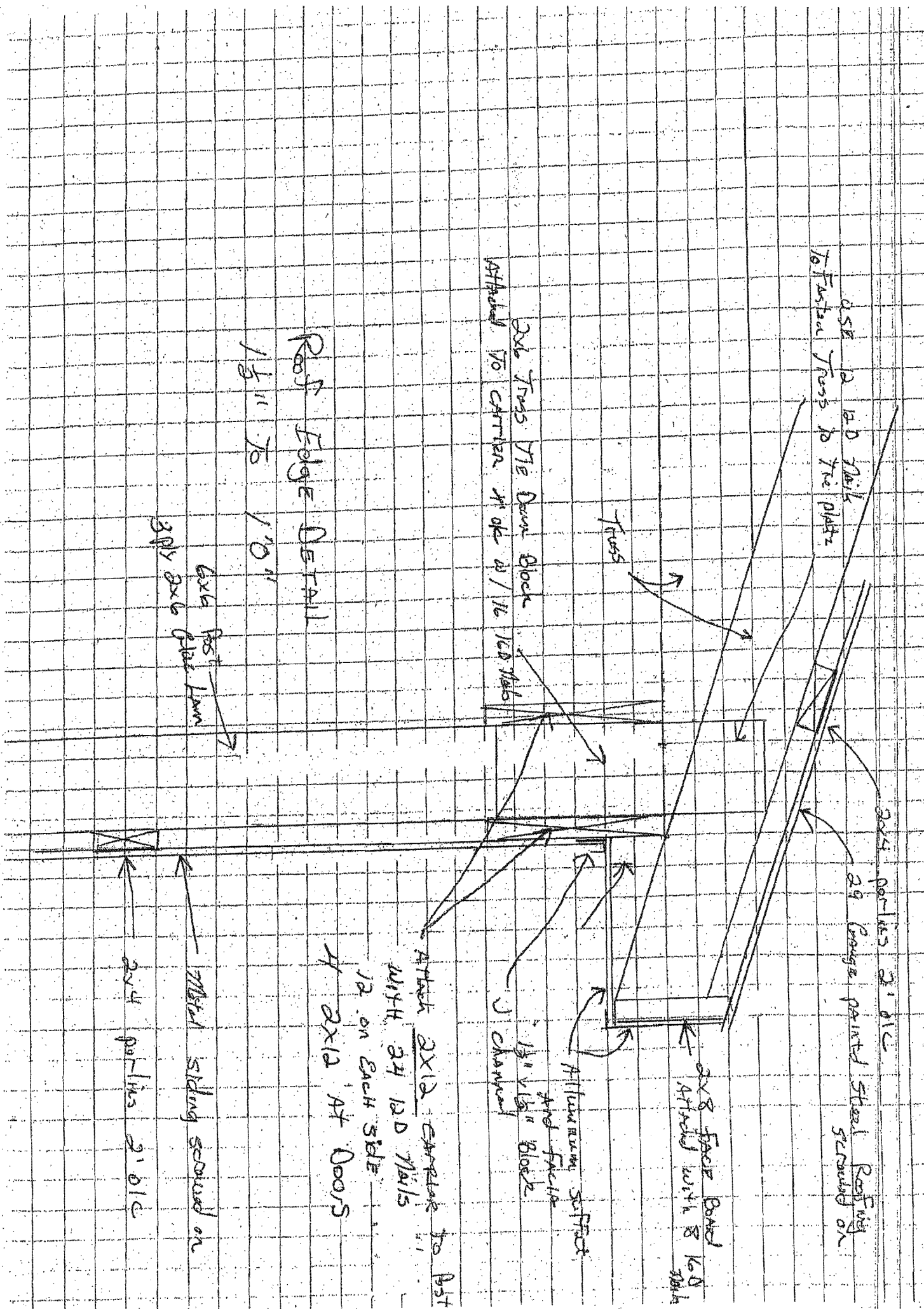
Roof Edge Detail

1 1/2" to 1" o/c

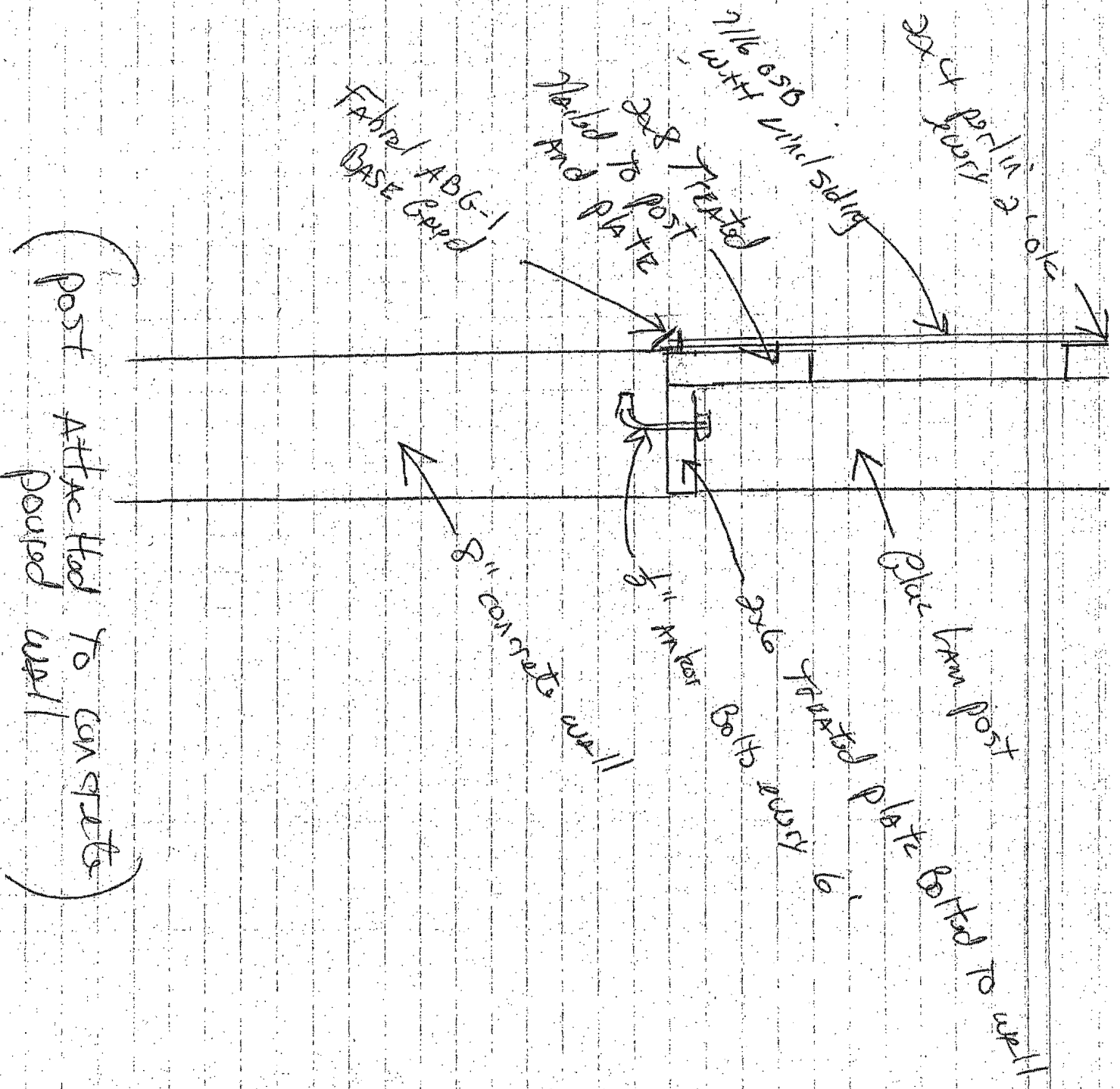
6x6 Post Plate Lamin 3ply 2x6

Attach 2x12 channels to Post with 2x4 12D Nails 12 on each side 4 2x12 at Doors

Metal Siding screwed on 2x4 perches 2' o/c



#3



(post Attached to concrete poured wall)

Fabric ABG-1  
BASE Grid

Placed over post  
and plate

2 1/2" x 6" x 1/2" LVL siding

2x4 post in 2" hole

Place trim post

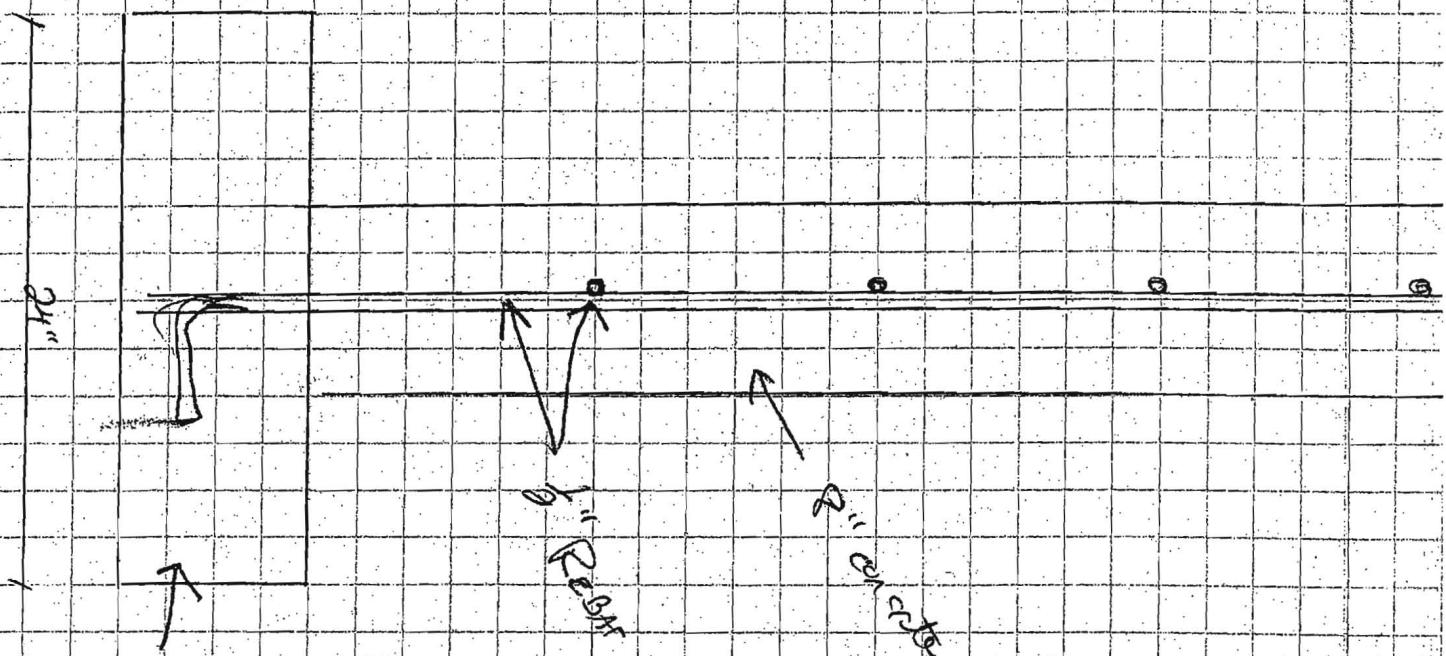
6" x 6" treated plate bolted to wall

3/8" x 6" anchor

8" concrete wall

H. H.

Footers will be in ground a minimum of 36"



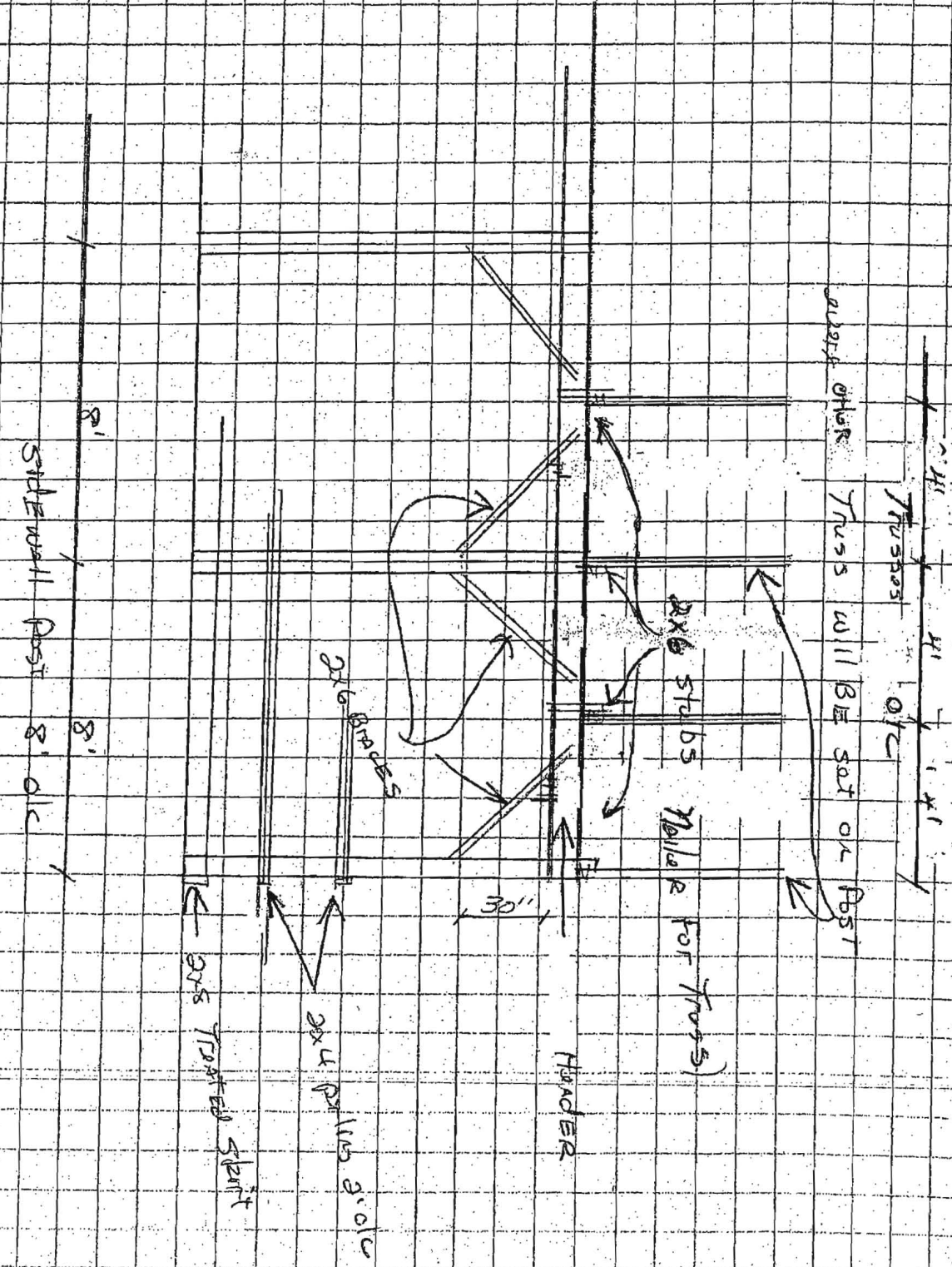
Footers

8" Rebar each

8" concrete wall

8" 50# rebar

perched wall Drawing



MO031014

SP26

SCISSORS

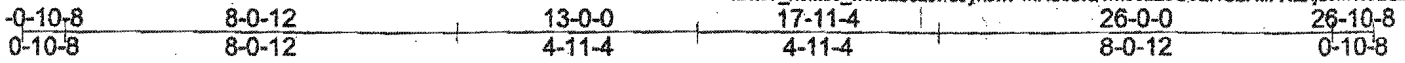
1

1

Job Reference (optional)

RIGIDPLY RAFTERS, INC. (PA), RICHLAND, PA 17087

7:510 s Jan 20 2014 MITek Industries, Inc. Mon Mar 10 16:21:08 2014 Page 1  
 ID:t67\_h9Mu5\_wtkoLSzswd0yh3h?-lnKU5stQ1rh83LL808ENG27MFNlzzju0m?ICEbzclR9



Scale = 1:46.5

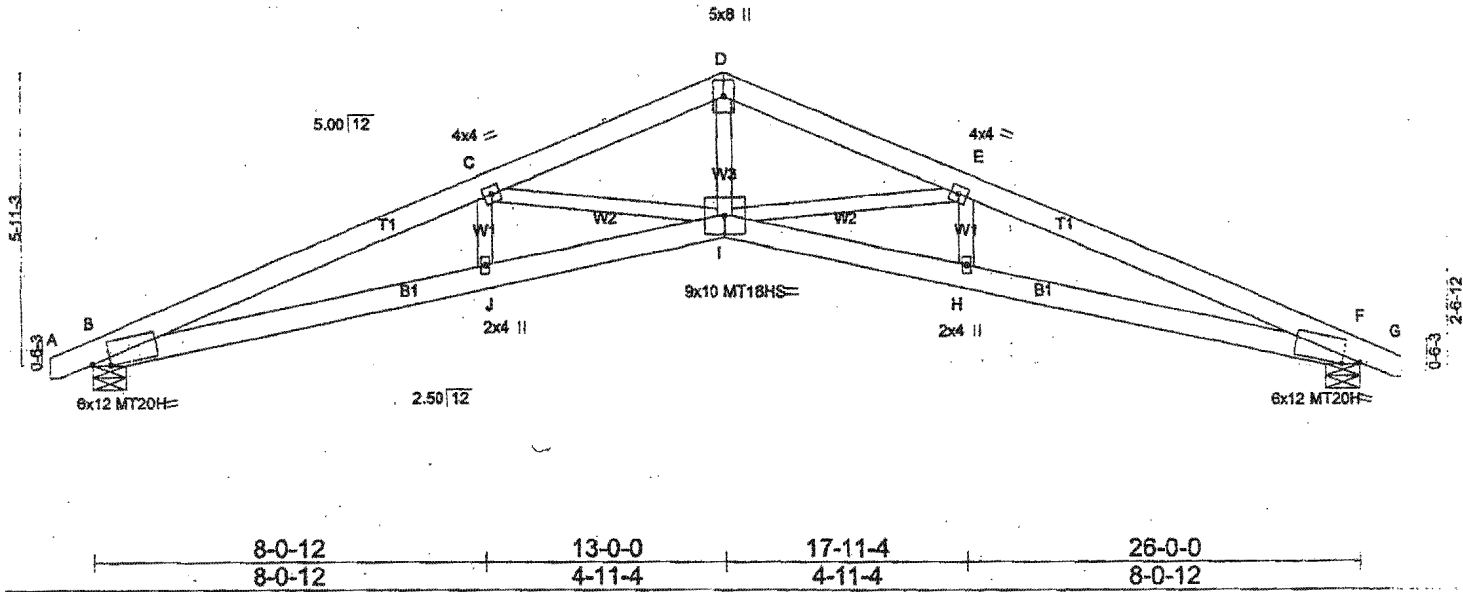


Plate Offsets (X,Y): [B:0-4-7,Edge], [F:0-4-7,Edge]				
LOADING(psf)	SPACING 4-0-0	CSI	DEFL in (loc) Vdefl L/d	PLATES GRIP
TCLL 35.0	Plates Increase 1.15	TC 0.93	Vert(LL) -0.47 I >651 360	MT20 187/144
TCDL 10.0	Lumber Increase 1.15	BC 0.76	Vert(TL) -0.87 I-J >349 240	MT20H 187/143
BCLL 0.0	Rep Stress Incr NO	WB 0.94	Horz(TL) 0.55 F n/a n/a	MT18HS 187/144
BCDL 10.0	Code IBC2009/TP12007	(Matrix)		Weight: 154 lb FT = 10%

LUMBER	BRACING
TOP CHORD 2x6 SP 2400F 2.0E	TOP CHORD 2-0-0 oc purlins (2-2-8 max.)
BOT CHORD 2x6 SP 2400F 2.0E	(Switched from sheeted: Spacing > 2-0-0.)
WEBS 2x4 SP No.2 *Except*	BOT CHORD Rigid ceiling directly applied or 8-4-14 oc bracing.
W3: 2x4 SPF 1650F 1.5E	

REACTIONS (lb/size) B=2543/0-8-8 (min. 0-2-7), F=2543/0-8-8 (min. 0-2-7)  
 Max Uplift B=738(LC 7), F=738(LC 7)  
 Max Grav B=2987(LC 2), F=2987(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.  
 TOP CHORD B-C=9170/1814, C-D=6904/1375, D-E=6904/1375, E-F=9170/1814  
 BOT CHORD B-J=1491/8305, J-K=1487/8304, H-I=1487/8305, F-H=1491/8305  
 WEBS D-I=760/4303, C-J=0/261, E-H=0/261, C-I=2170/633, E-I=2170/633

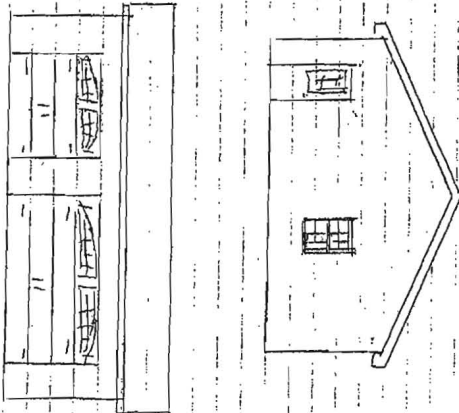
- NOTES
- Unbalanced roof live loads have been considered for this design.
  - Wind: ASCE 7-05; 90mph; TCDL=5.0psf; BCDL=5.0psf; h=20ft; Cat. II; Exp C; enclosed; G-C Exterior(2); Lumber DOL=1.33 plate grip DOL=1.33
  - TCLL: ASCE 7-05; Pr=35.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pg=25.0 psf (ground snow); Ps=26.9 psf (roof snow; Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp C; Partially Exp.; Ct=1.1
  - Roof design snow load has been reduced to account for slope.
  - Unbalanced snow loads have been considered for this design.
  - This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 26.8 psf on overhangs non-concurrent with other live loads.
  - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
  - All plates are MT20 plates unless otherwise indicated.
  - Bearing at joint(s) B, F considers parallel to grain value using ANSI/TP1 angle to grain formula. Building designer should verify capacity of bearing surface.
  - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (if=lb) B=738, F=738.
  - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TP1 1.
  - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

# Fax Send Report

Date & Time : APR-11-2014 06:22AM FRI  
Fax Number :  
Fax Name :  
Model Name : WorkCentre 3210

No	Name/Number	Start Time	Time	Mode	Page	Result
498	914103132648	04-11 06:17AM	04' 33	G3	010/010	O.K



ATTN: Andrew  
Permit # B14000155  
Cyrus Hayden  
443-618-7297

## Geisert, Andrew

---

**From:** Geisert, Andrew  
**Sent:** Tuesday, April 15, 2014 2:54 PM  
**To:** 'CLMRHayden@netzero.com'  
**Subject:** 2906 Ordway Drive - Building Permit  
**Attachments:** Perc test and plan requirements for dev lots.pdf

Mr. Hayden,

Based on the information that we have on file for your property and the information you provided me, you will need to submit a Percolation Certification Plan. I have attached a document that explains the requirements for that submission.

Due to the fact that your proposed detached garage does not add "livable" space to your property, you may want to consider submitting a waiver. The waiver would essentially state what I just told you. That waiver would be reviewed by Mike Davis. If you were granted that waiver, you would not be required to submit a Percolation Certification Plan.

Please take some time to consider both options. If you have questions please feel free to call our office at 410-313-1771.

Andrew Geisert  
Environmental Sanitarian Supervisor  
Howard County Health Department  
Bureau of Environmental Health  
Office: 410-313-6287  
Fax: 410-313-2648  
[ageisert@howardcountymd.gov](mailto:ageisert@howardcountymd.gov)

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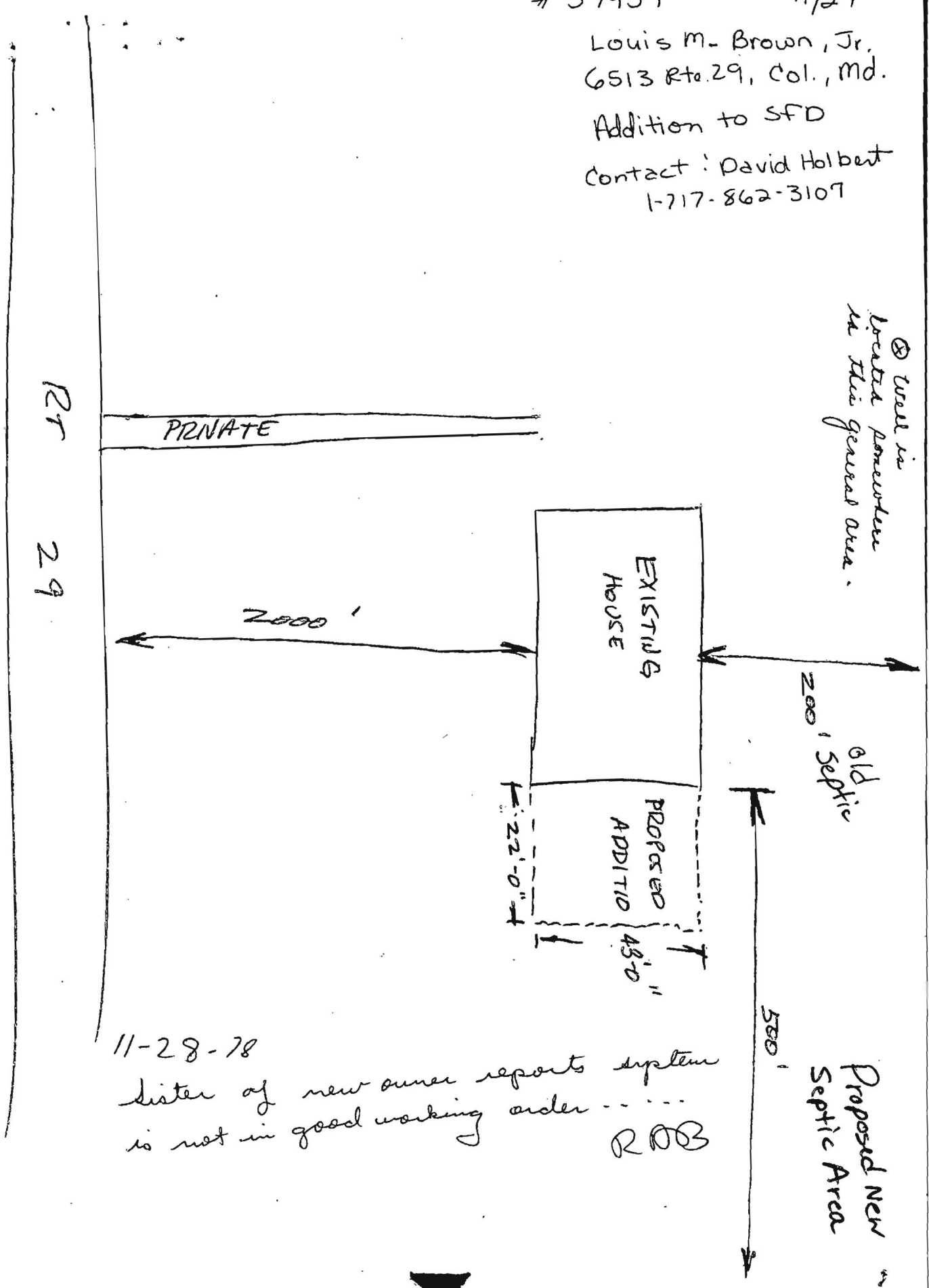
# 37959

11/27

Louis M. Brown, Jr.  
6513 Rte. 29, Col., Md.

Addition to SFD

Contact: David Holbert  
1-717-862-3107



⊗ Well is located somewhere in this general area.

200' Old Septic

500' Proposed New Septic Area

11-28-78  
sister of new owner reports system is not in good working order  
RAB