1-Canyon Drift Dryer Vent

Alside Supply Center
3545 Gillespie St.
Fayetteville, NC 28306
(910) 426-0265

2-Canyon Drift Receptacle Box
1-Canyon Drift large box for AC disconnect

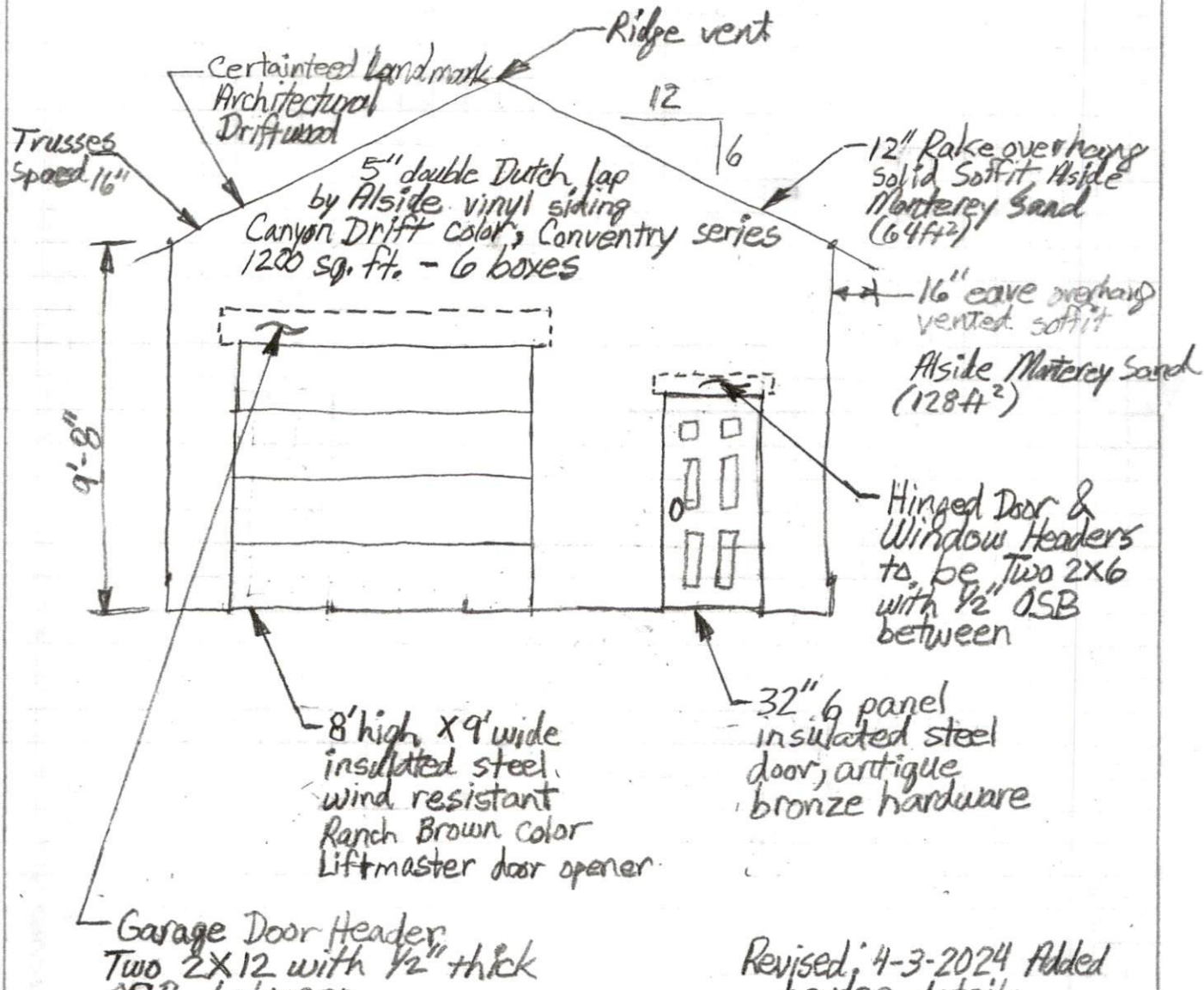
J-Channel Alside Monterey Sand 300'

Alside Supply Center
4205 Global Street
Raleigh, NC 27610
(919) 250-0000
Bryan Urrutia
RSC129@ALSIDE.com

4 exterior Corners Alside Monterey Sand

Aluminum Coil-Alside Monterey Sand (160ft²)

6-Pcs 0.75x1.5" Canyon Drift Finish trim

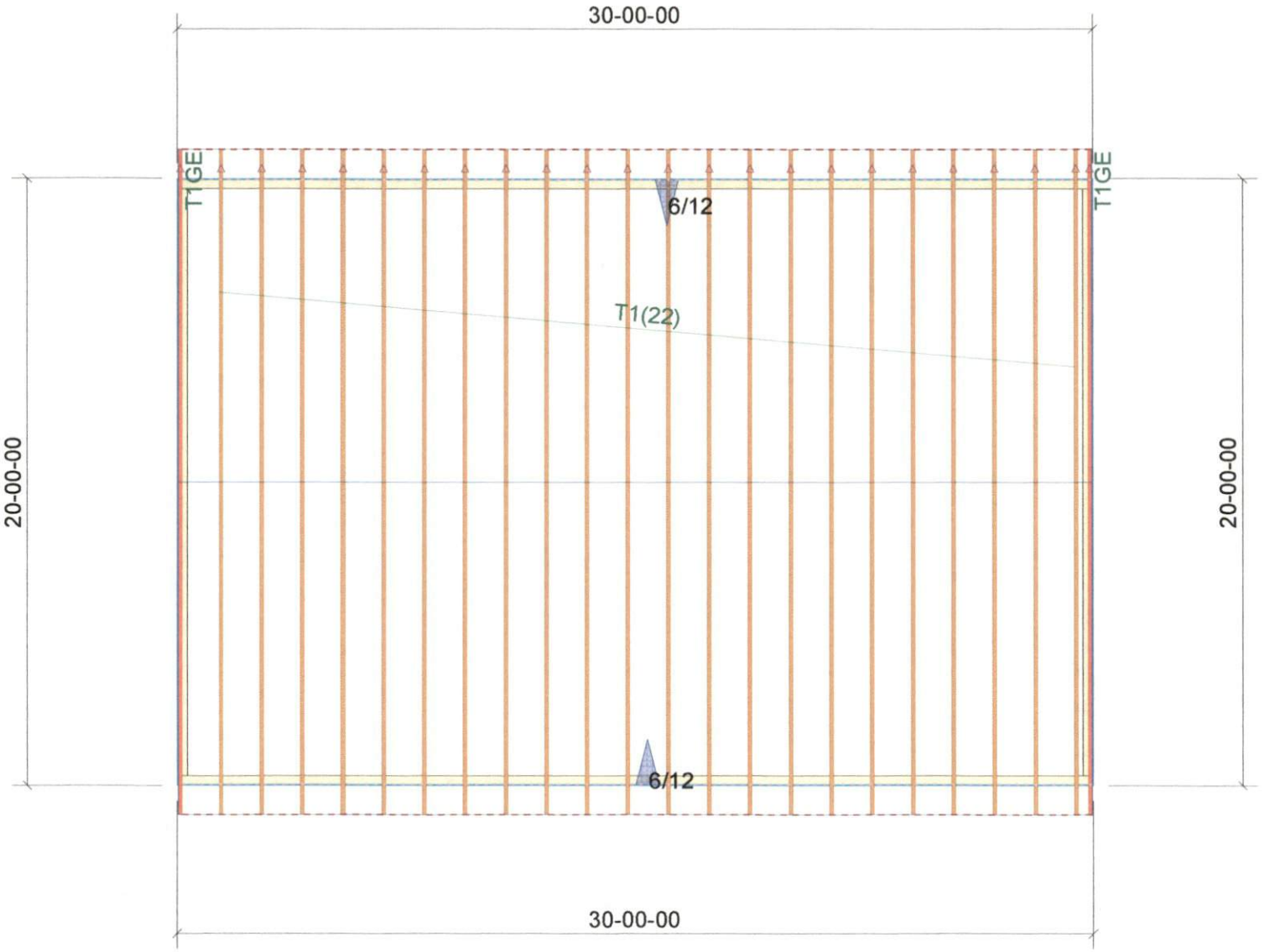


Revised 4-3-2024 Added header details

Design based on plans and/or revisions dated
No Date
Plans and/or revisions received on
04/03/24

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION



Notes:
1. Exterior dimensions shown are assumed to be:
☐ Out-to-out of stud
☒ Out-to-out of sheathing
☐ Out-to-out of _____
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC2015 building code.

Model created using a wind speed of 120 mph specified for Harnett County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approxiate location of toilet drop. Builder please confirm.

Truss connections by others:
(N) -Nailed
(L) -Ledger

Roof Trusses

Overhang: 12"
Depth: NA
Spacing: 16" OC

Wall Types

▭	Load Bearing
▬	Non Load Bearing

Job # Q-2400849

Creech Storage
256 Oakhaven Dr
Holly Springs NC 27540

UNit / Lot:

Layout Creation Date: 4/3/2024

Sales: Le Greene - Designs: Robert Rogers

Valued Customer

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562

Job	Truss	Truss Type	Qty	Ply	Creech Storage-Roof
Q-2400849-1	T1GE	Common Supported Gable	2	1	Job Reference (optional)

Peak Truss Builders LLC, New Hill, user — Run: 8.72 S Sep 21 2023 Print: 8.720 S Sep 21 2023 MiTek Industries, Inc. Wed Apr 03 11:41:33 — Page: 1

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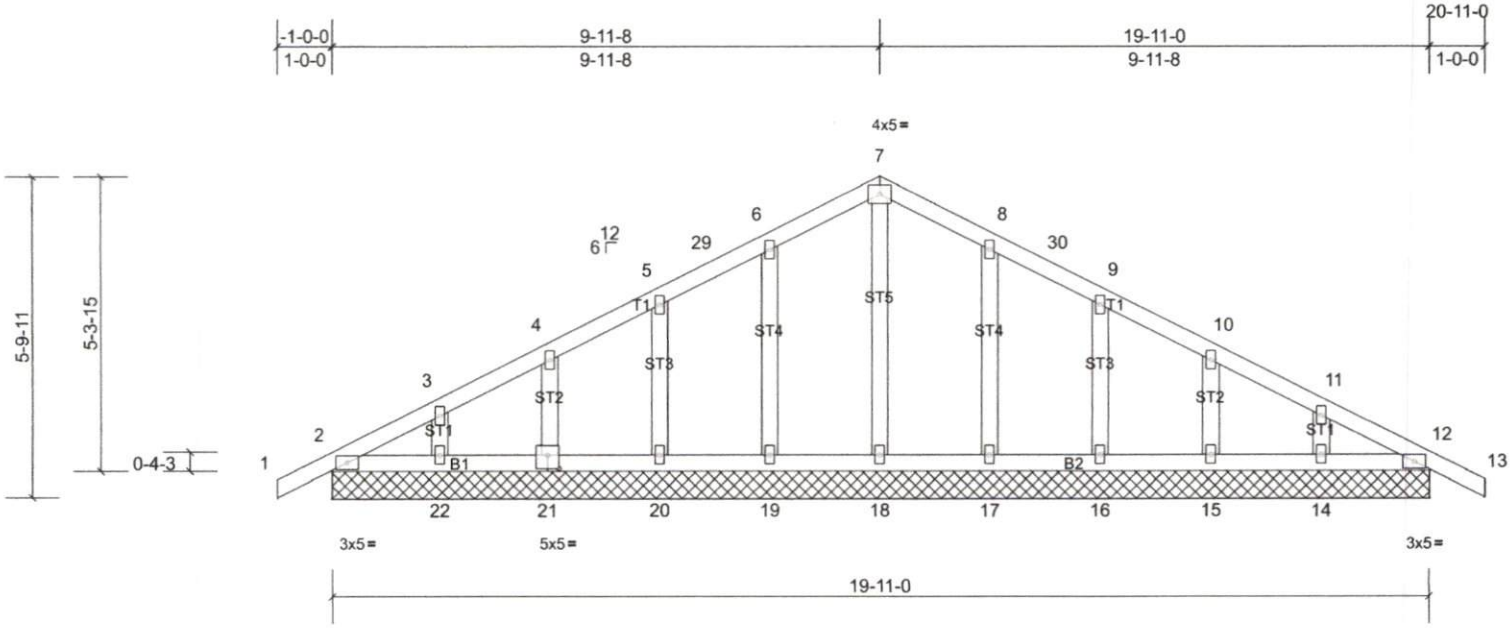

Scale = 1:40.8

Plate Offsets (X, Y): [21:0-2-8,0-3-0]

Loading	(psf)	Spacing	1-4-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	26	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 101 lb	FT = 20%

LUMBER

TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

BRACING

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 19-11-0.

(lb) - Max Horiz 2=54 (LC 10), 23=54 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 12, 14, 15, 16, 17, 19, 20, 21, 22, 23, 26
Max Grav All reactions 250 (lb) or less at joint(s) 2, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 26

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; B=20ft; L=20ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner (3) -1-0-0 to 1-11-8, Exterior (2) 1-11-8 to 9-11-8, Corner (3) 9-11-8 to 12-11-8, Exterior (2) 12-11-8 to 20-11-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 19, 20, 21, 22, 17, 16, 15, 14, 12, 2, 12.
9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Creech Storage-Roof
Q-2400849-1	T1	Common	22	1	Job Reference (optional)

Peak Truss Builders LLC, New Hill, user — Run: 8.72 S Sep 21 2023 Print: 8.720 S Sep 21 2023 MiTek Industries, Inc. Wed Apr 03 11:41:33 — Page: 1

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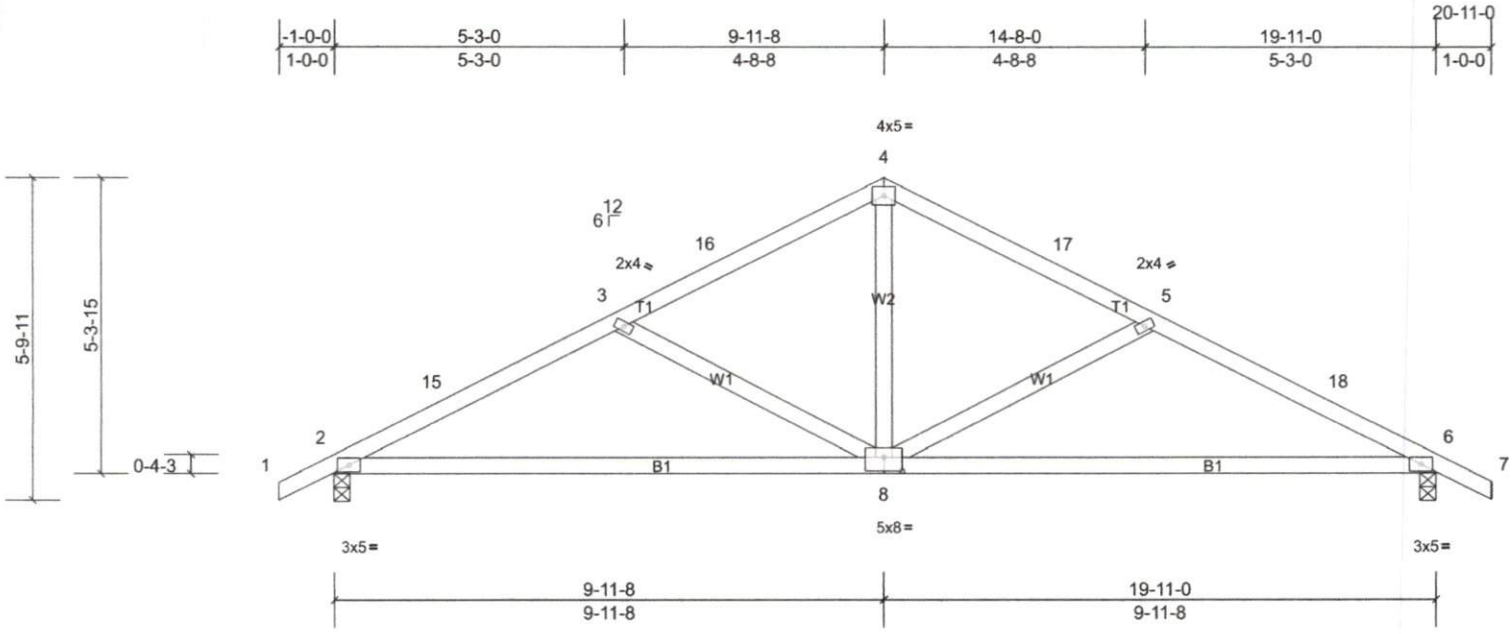


Scale = 1:40.7

Plate Offsets (X, Y): [8:0-4-0,0-3-0]

Loading	(psf)	Spacing	1-4-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.03	8-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.13	8-11	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS							Weight: 89 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

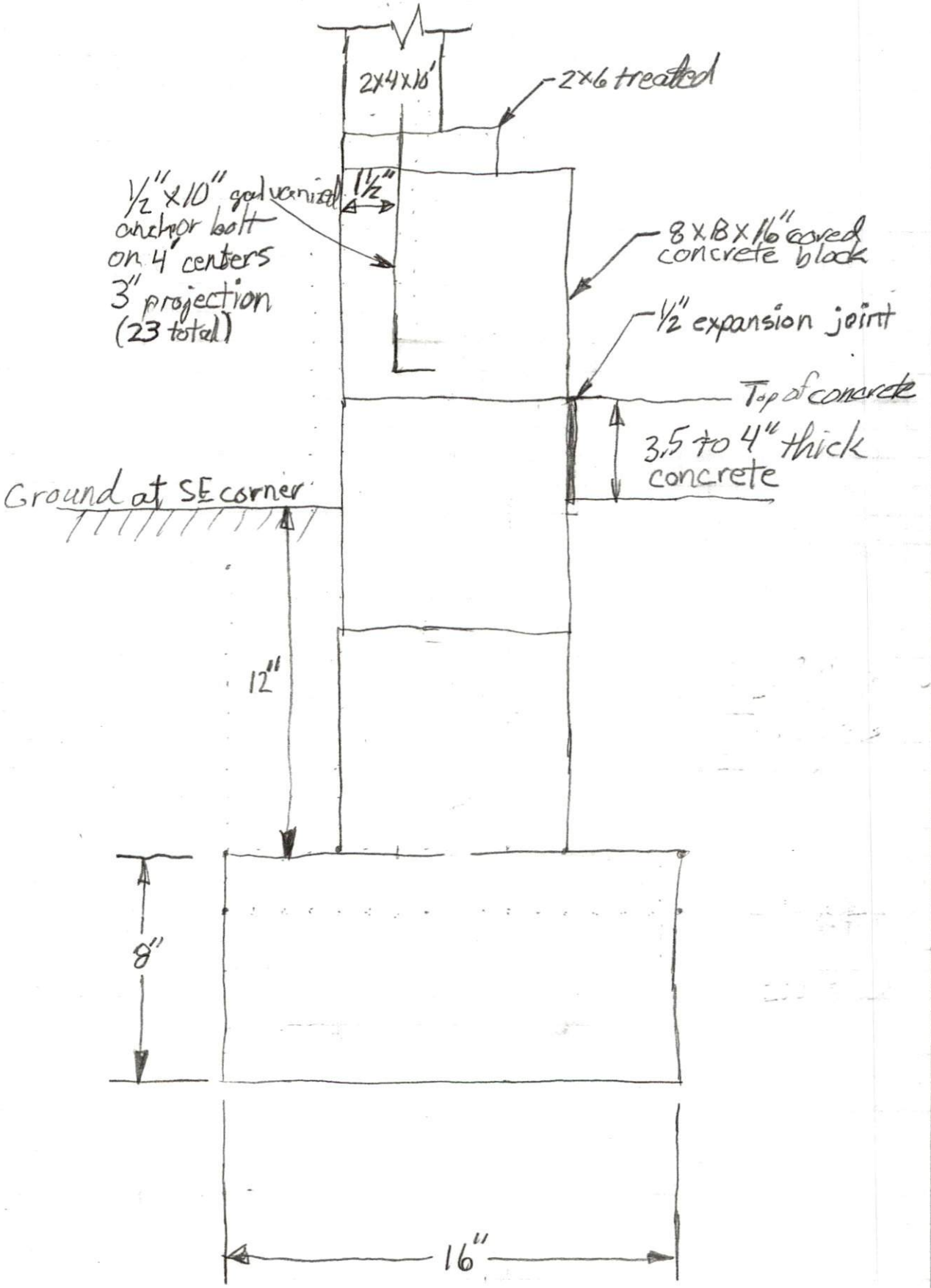
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS (lb/size) 2=571/0-3-8, (min. 0-1-8), 6=571/0-3-8, (min. 0-1-8)
Max Horiz 2=54 (LC 10)
Max Uplift 2=-89 (LC 11), 6=-89 (LC 11)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-895/129, 3-15=-877/144, 3-16=-672/91, 4-16=-622/102, 4-17=-622/102, 5-17=-672/91, 5-18=-877/144, 6-18=-895/129
BOT CHORD 2-8=-72/785, 6-8=-72/785
WEBS 4-8=-15/390, 5-8=-266/102, 3-8=-266/102

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; B=20ft; L=20ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 9-11-8, Exterior (2) 9-11-8 to 12-11-8, Interior (1) 12-11-8 to 20-11-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 89 lb uplift at joint 2 and 89 lb uplift at joint 6.
5) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard


2x4x16'
2x6 treated
1/2" x 10" galvanized anchor bolt on 4' centers 3" projection (23 total)
1 1/2"
8x8x16" cored concrete block
1/2" expansion joint
Top of concrete
3.5 to 4" thick concrete
Ground at SE corner
12"
8"
16"

1-Canyon Drift Dryer Vent

Alside Supply Center
3545 Gillespie St.
Fayetville, NC 28306
(910) 426-0265

Alside Supply Center
4205 Global Street
Raleigh, NC 27610
(919) 250-0000
Bryan Urrutja
ASC129@ALSIDE.com

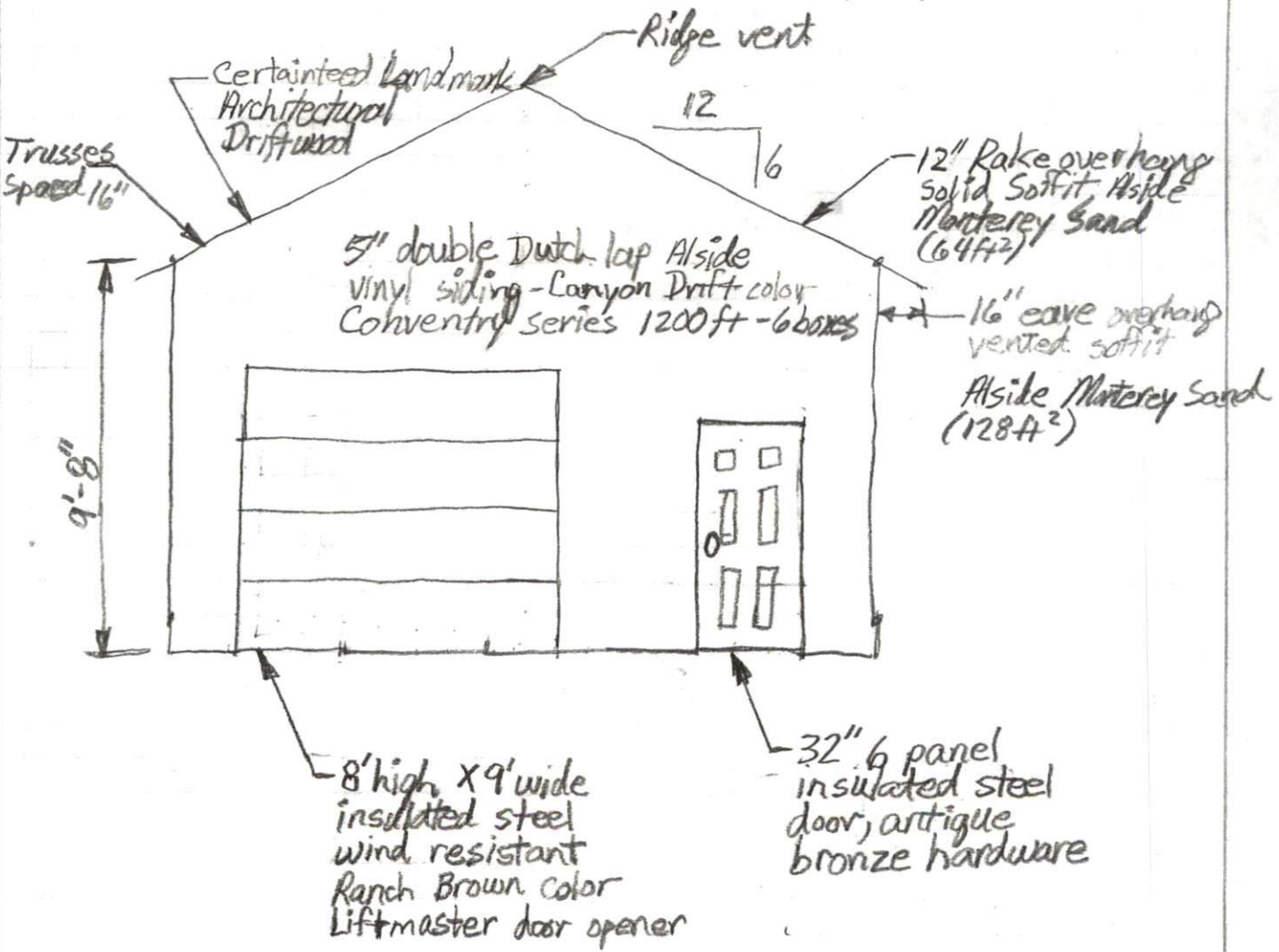
2-Canyon Drift Receptacle Box
1-Canyon Drift large box for AC disconnect

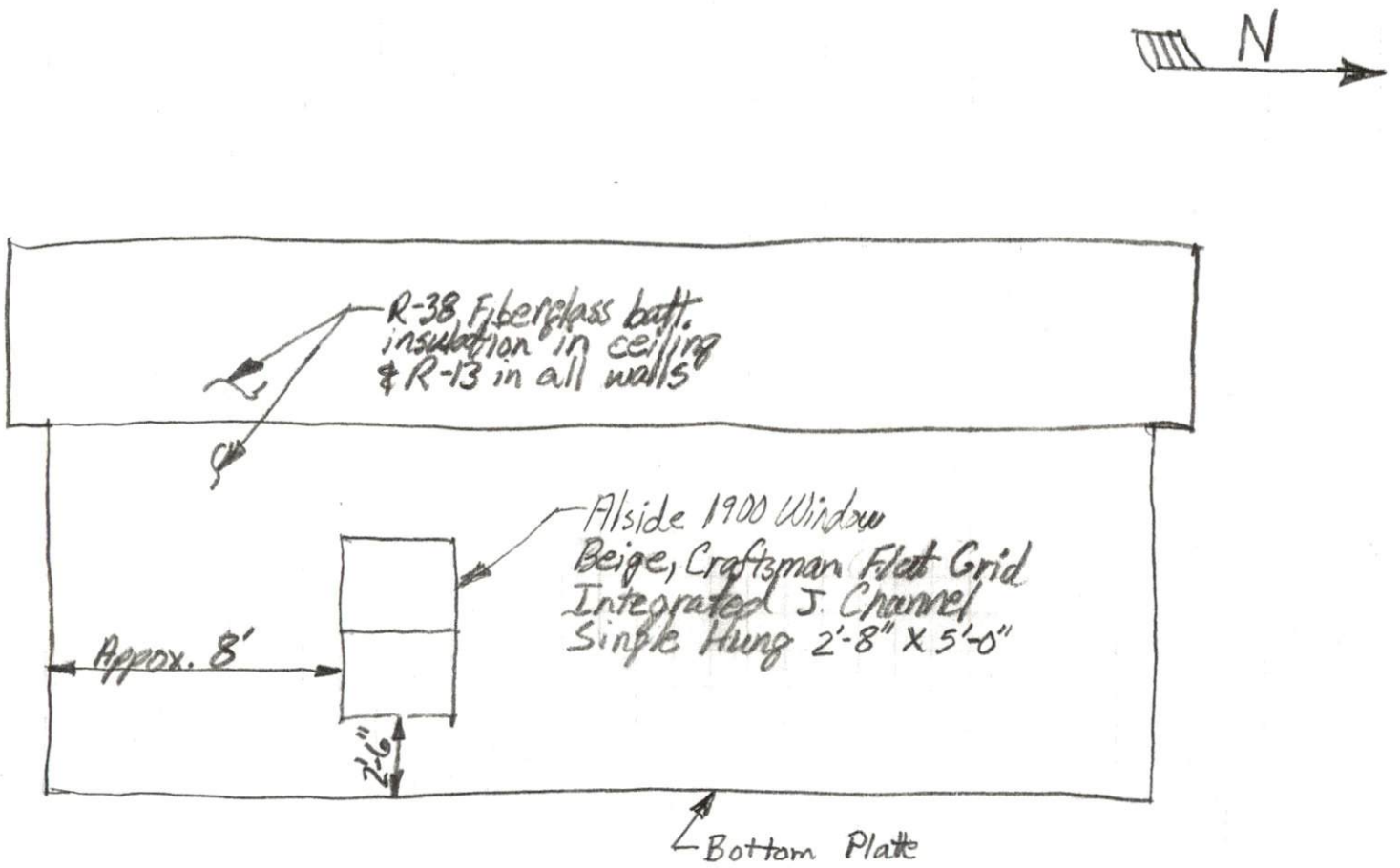
J-Channel Alside Monterey Sand 300'

4 exterior Corners Alside Monterey Sand

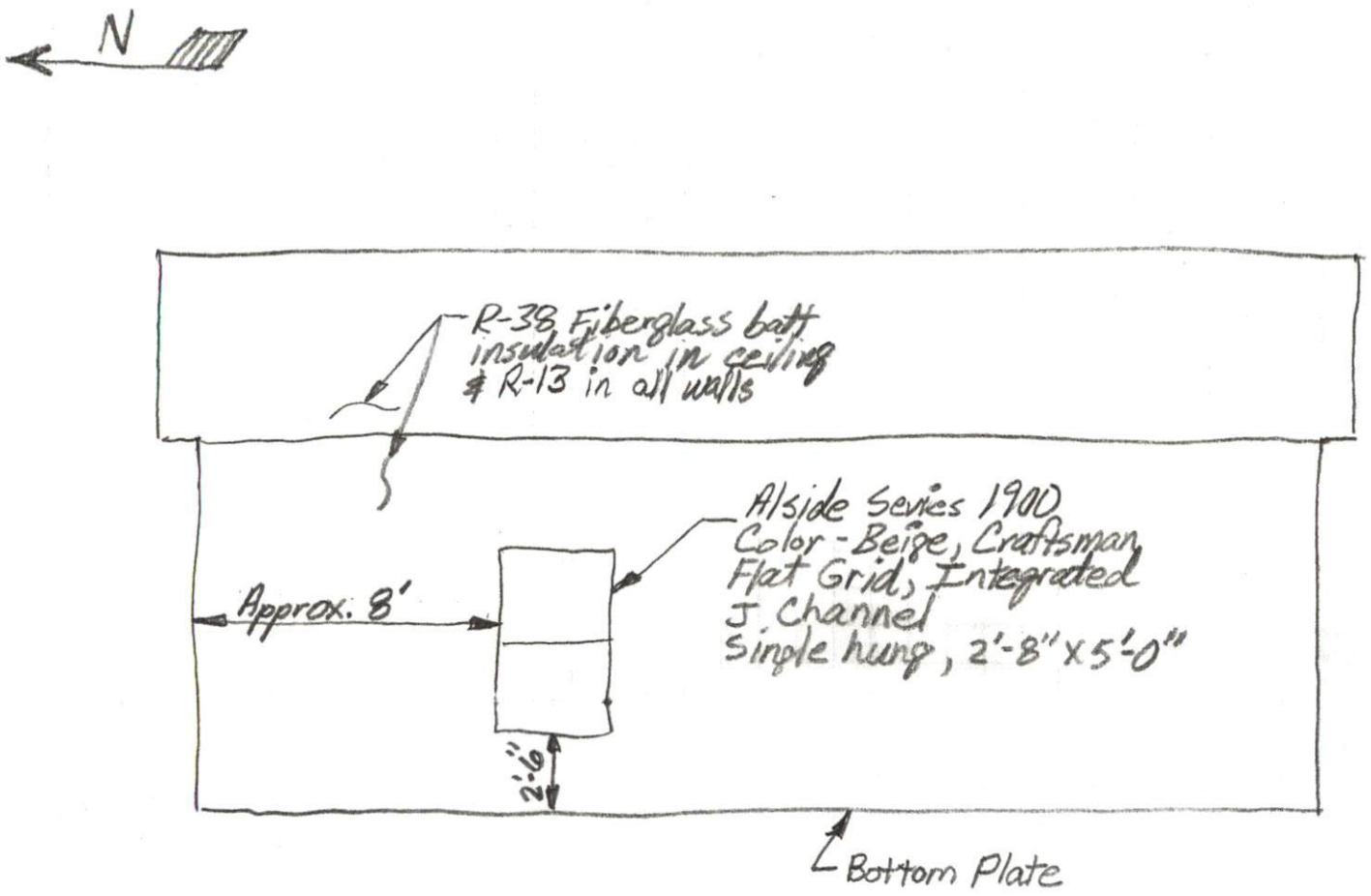
Aluminum Coil-Alside Monterey Sand (160ft²)

6-Pcs 0.75x1.5" Canyon Drift Finish trim

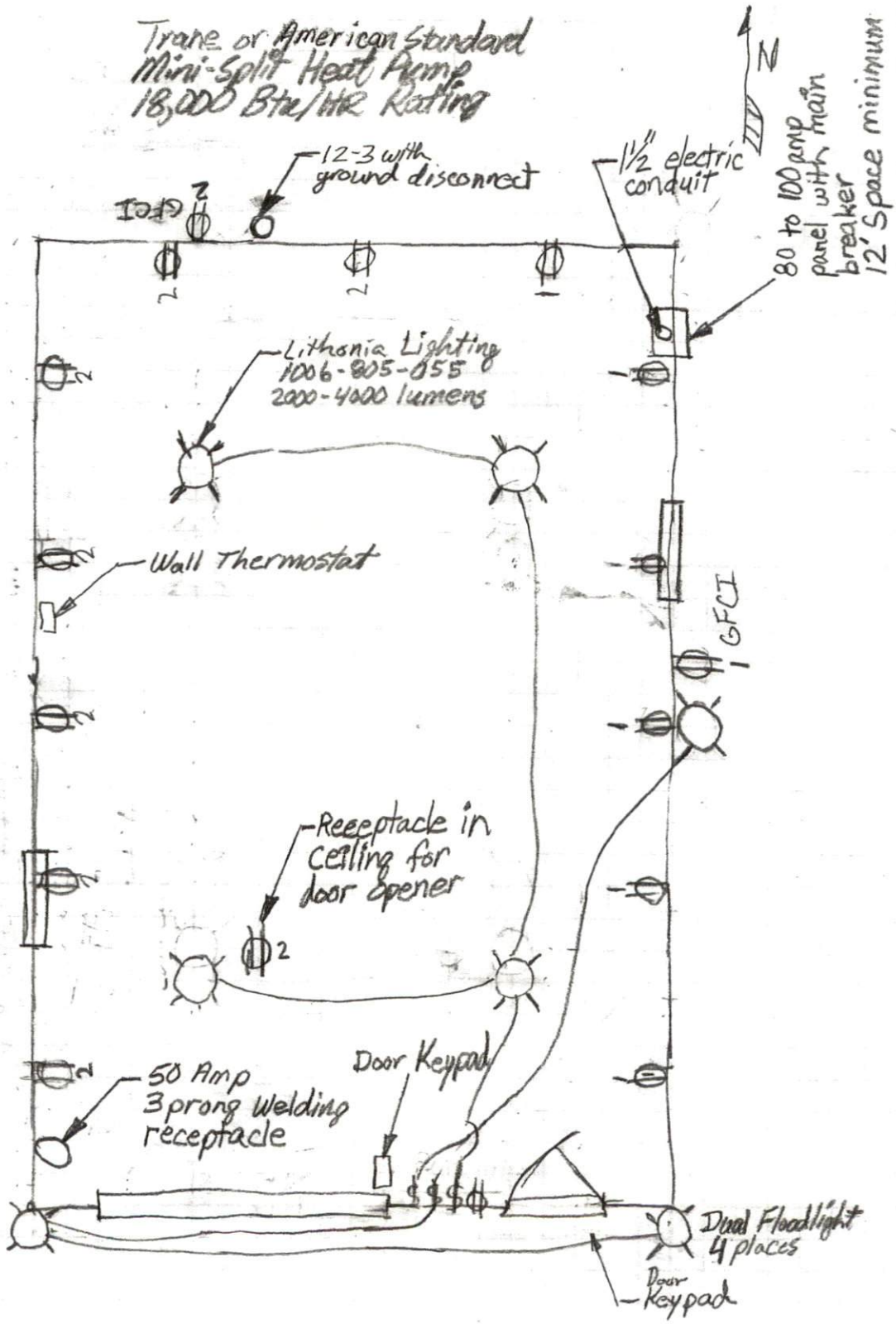




West Wall - Inside View

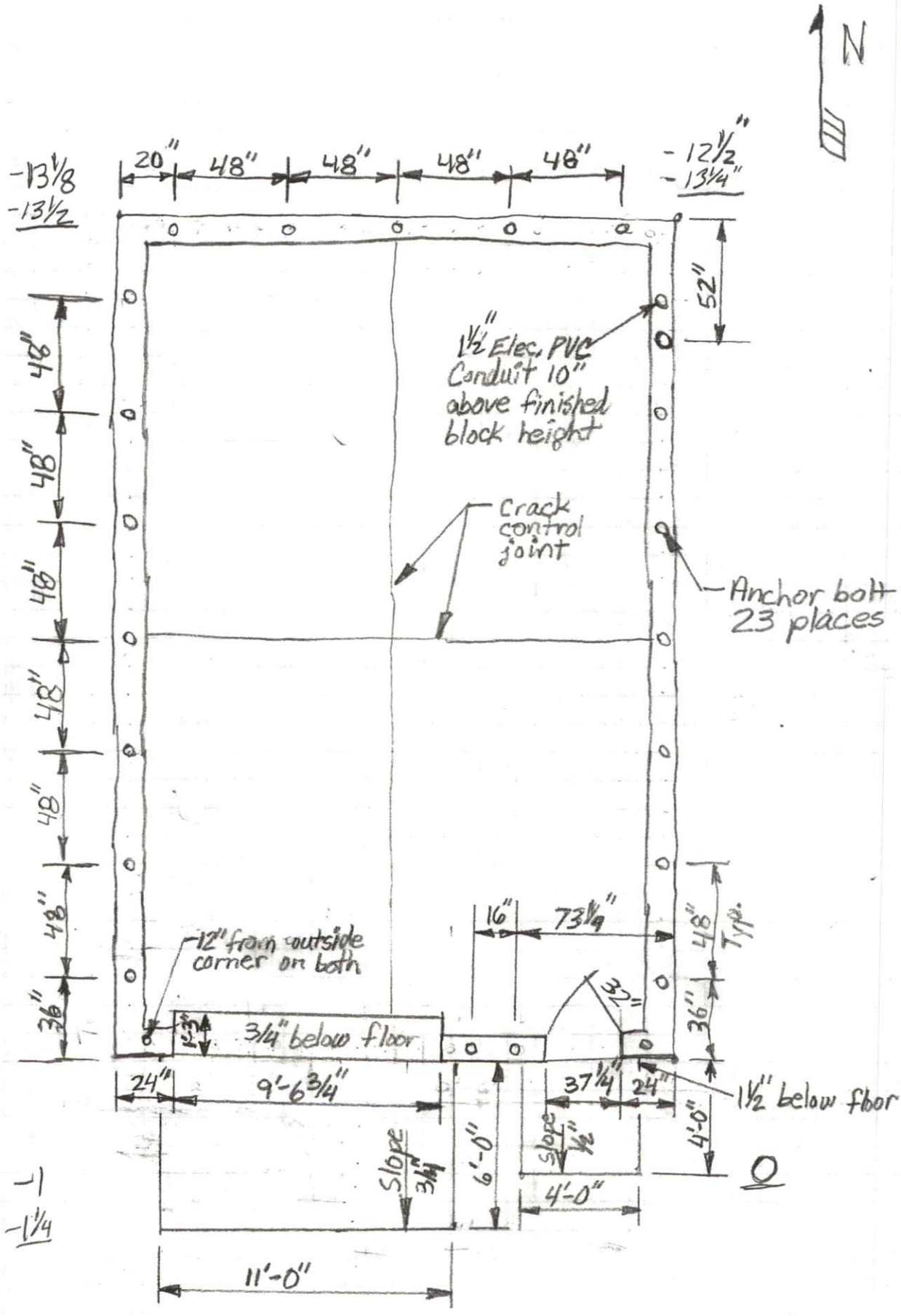


East Wall - Inside View



Need a total 12,000 lumens

Electrical Plan


N
20"
48"
48"
48"
48"
-13⅛
-13½
-12½"
-13¼"
52"
1½" Elec. PVC Conduit 10" above finished block height
Crack control joint
Anchor bolt 23 places
84"
84"
84"
84"
84"
84"
36"
16"
73⅛"
48" Typ.
12" from outside corner on both
3¼" below floor
32"
36"
24"
9'-6¾"
37¼"
24"
1½" below floor
Slope ¾"
6'-0"
Slope ½"
4'-0"
4'-0"
11'-0"
-1¼