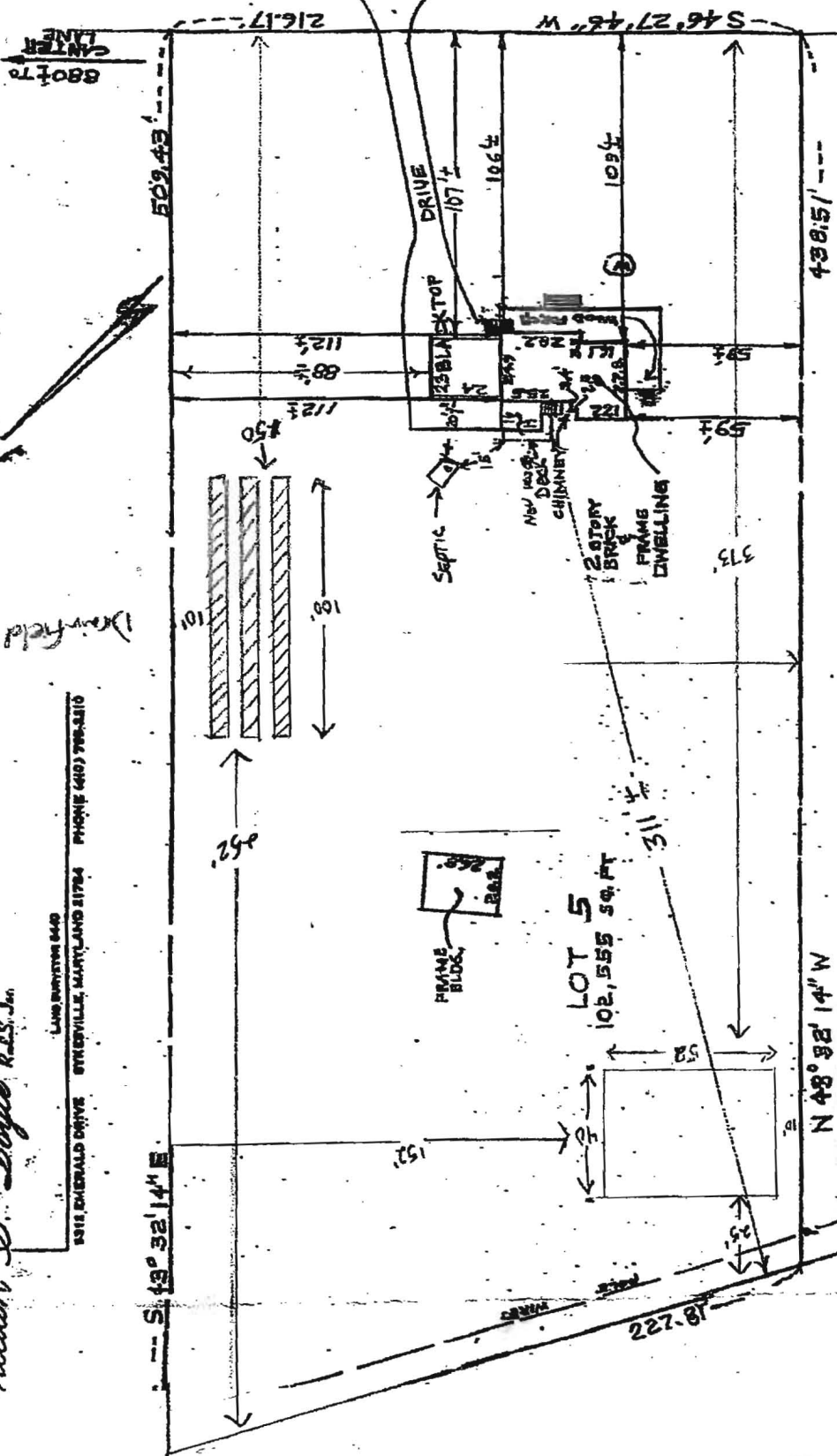


William E. Doyle R.L.S. Jun.

LAND SURVEYOR 6440
1311 EMERALD DRIVE STURVILLE, MARYLAND 21784 PHONE (410) 708-2210

LOCATION DRA
4002 JUMPERS
LIBER: 6206
Folio: 119
LOT B
BLOCK A
PART TWO
FOX DEN FARM
PLAT BOOK: 10
PAGE: 63
3RD ELECTION I
HOWARD COUNTY

JUMPERS HILL LANE (50' R/W)



SURVEYOR'S CERTIFICATE
The undersigned, a registered surveyor in the state of Maryland hereby certify that he is the surveyor who prepared this plat and that the plat has been prepared in compliance with the Code of Maryland Regulations Subtitle 13 Board for Professional Land Surveyors 09, covering the minimum standards of practice insofar as the concerns the making of the plat and/or setting of the markers.

Signed This 17th day of June 2003
William E. Doyle

THIS IS TO CERTIFY THAT THIS HOUSE DOES NOT LIE WITHIN A FLOOD PLAIN UNLESS SHOWN HEREON.



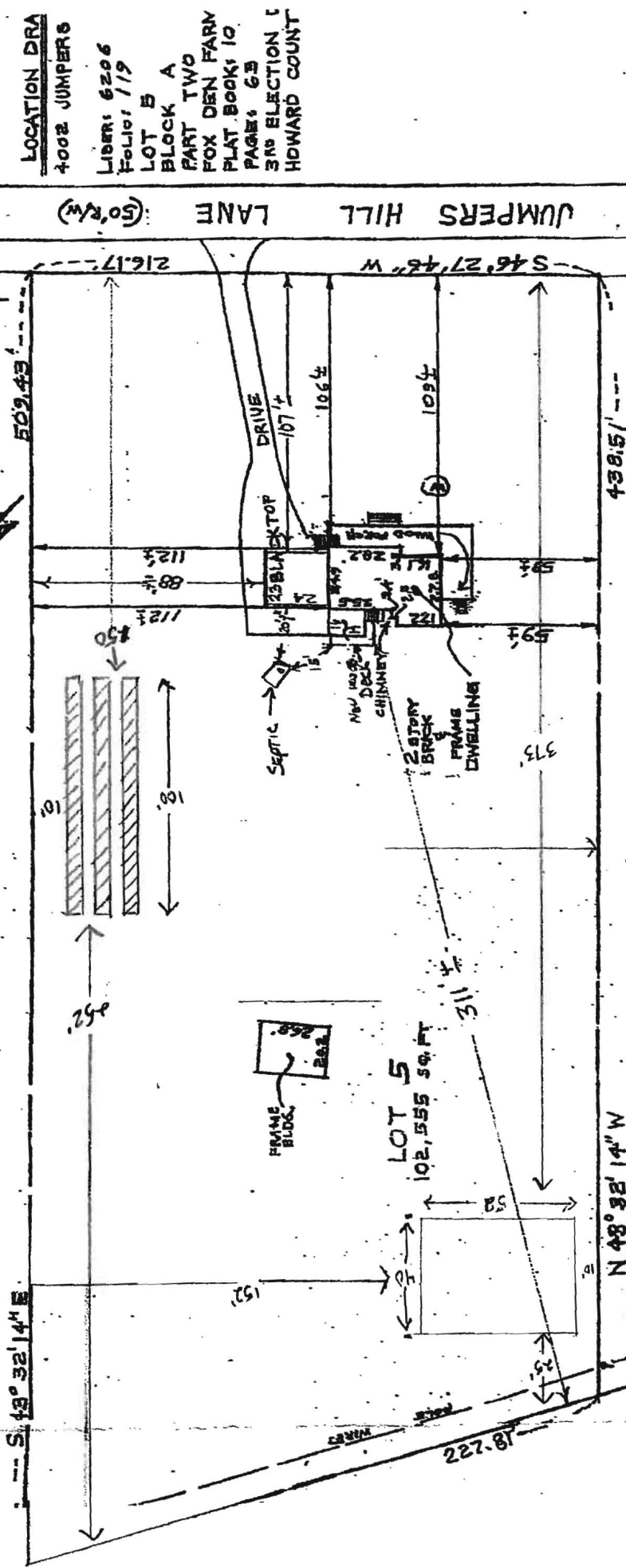
SCALE 40 ft. = 1 inch
File No. 502 - 453

REVISED
Date: 7-17-14
Comments: per Heath
B14001092

William E. Doyle R.E.S. Jr.

LAND SURVEYOR 0449
 1511 EMERALD DRIVE STERLING, MARYLAND 21784 PHONE (410) 796-3110

Newfield



LOCATION DRA
 4002 JUMPERS
 LIBER: 6206
 FOLIO: 119
 LOT B
 BLOCK A
 PART TWO
 FOX DEN FARM
 PLAT BOOK: 10
 PAGE: 63
 3RD ELECTION L
 HOWARD COUNT

JUMPERS HILL LANE (50' R/W)



REVISED
 Date: 7-17-14
 Comments: *per Heath*

THIS IS TO CERTIFY THAT THIS
 HOUSE DOES NOT LIE WITHIN A
 FLOOD PLAIN UNLESS SHOWN HEREON.

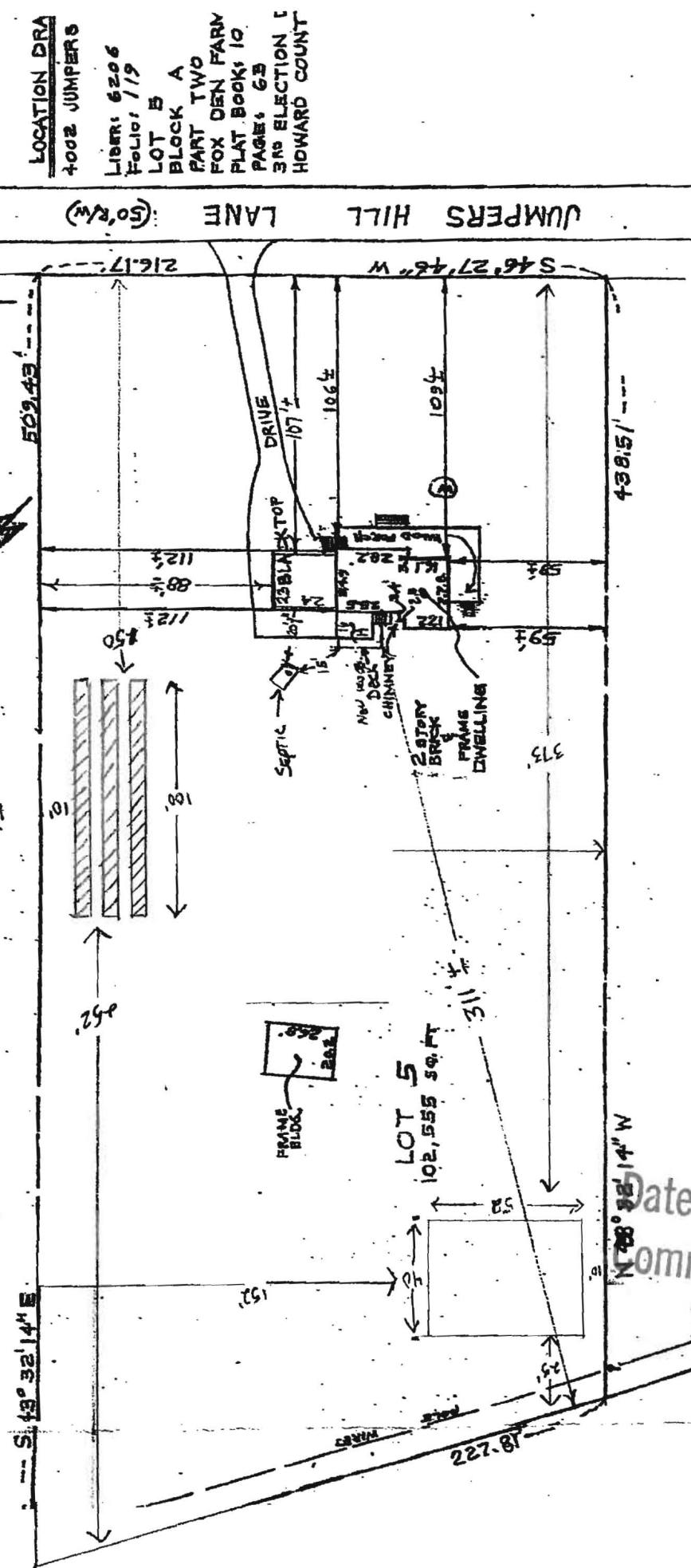
SCALE 40 ft. = 1 inch
 File No. 502 - 453

SURVEYOR'S CERTIFICATE
 The undersigned, a registered surveyor in the state of Maryland hereby certifies that he is the surveyor who prepared this plat and that the same has been prepared in compliance with the Code of Maryland Regulations Subtitle 13 Board for Professional Land Surveyors 09.09 covering the minimum standards of practice insofar as the same concerns the making of the plat and/or setting of the markers.

Signed This 17th day of June 2003
William E. Doyle

William E. Doyle R.S.S., Jr.

LAND SURVEYOR 8440
5311 EMERALD DRIVE SYDNEYVILLE, MARYLAND 21784 PHONE (410) 798-8210



LOCATION DRA
4002 JUMPERS
LIBR: 6206
Folio: 119
LOT B
BLOCK A
PART TWO
FOX DEN FARM
PLAT BOOK: 10
PAGE: 63
3RD ELECTION L
HOWARD COUNT

JUMPERS HILL LANE (50' R/W)



SURVEYOR'S CERTIFICATE
The undersigned, a registered surveyor in the state of Maryland hereby certify that he is the surveyor who prepared this plat and that it has been prepared in compliance with the Code of Maryland Regulations Subtitle 13 Board for Professional Land Surveyors 09, covering the minimum standards of practice insofar as the concerns the making of the plat and/or setting of the markers.

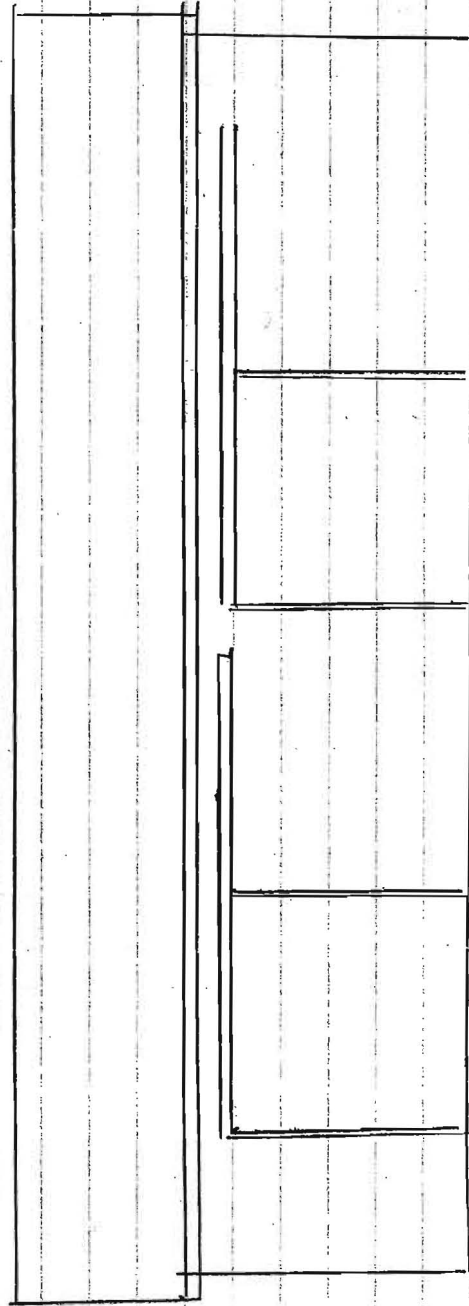
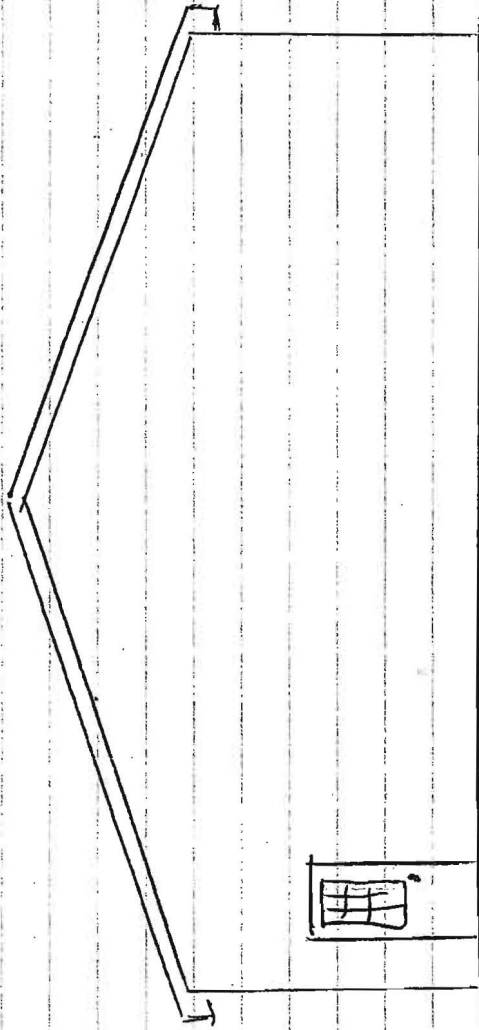
Signed This 17th day of June 2002
William E. Doyle

THIS IS TO CERTIFY THAT THIS HOUSE DOES NOT LIE WITHIN A FLOOD PLAIN UNLESS SHOWN HEREON.

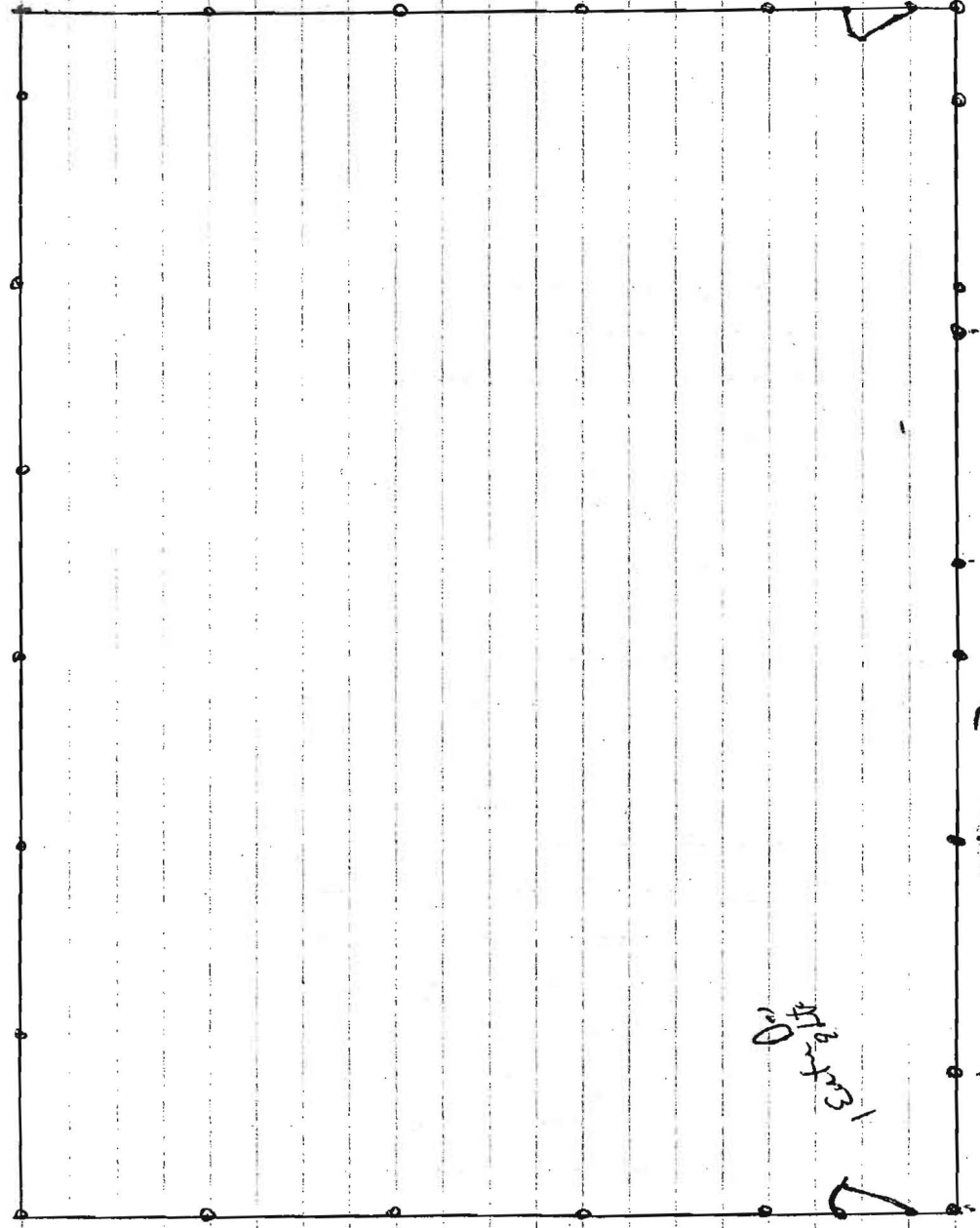
SCALE 40 ft. = 1 inch
File No. 502 - 453

REVISED
Date: 7-17-14
Comments: per Health
B14001092

REVISION
7/17/14



52'



48'

10x10
10x10

10x10
10x10

10x10
10x10

2x6 Truss 12 D Nails
to Fasten Truss to the Plate

Truss

2x6 Truss Tie Down Block
Attached to Carrier w/ 4 1/2" 16D Nails

Roof Edge Detail

1 1/2" to 1'0"

2x6 Post
3ply 2x6 Plate Down

2x4 poles 2' o/c

2x4 Engineered painted Steel Roofing
Screwed on

2x8 Face Board 16D
Attached with 8 Nails

Aluminum Soffit
and Frieze

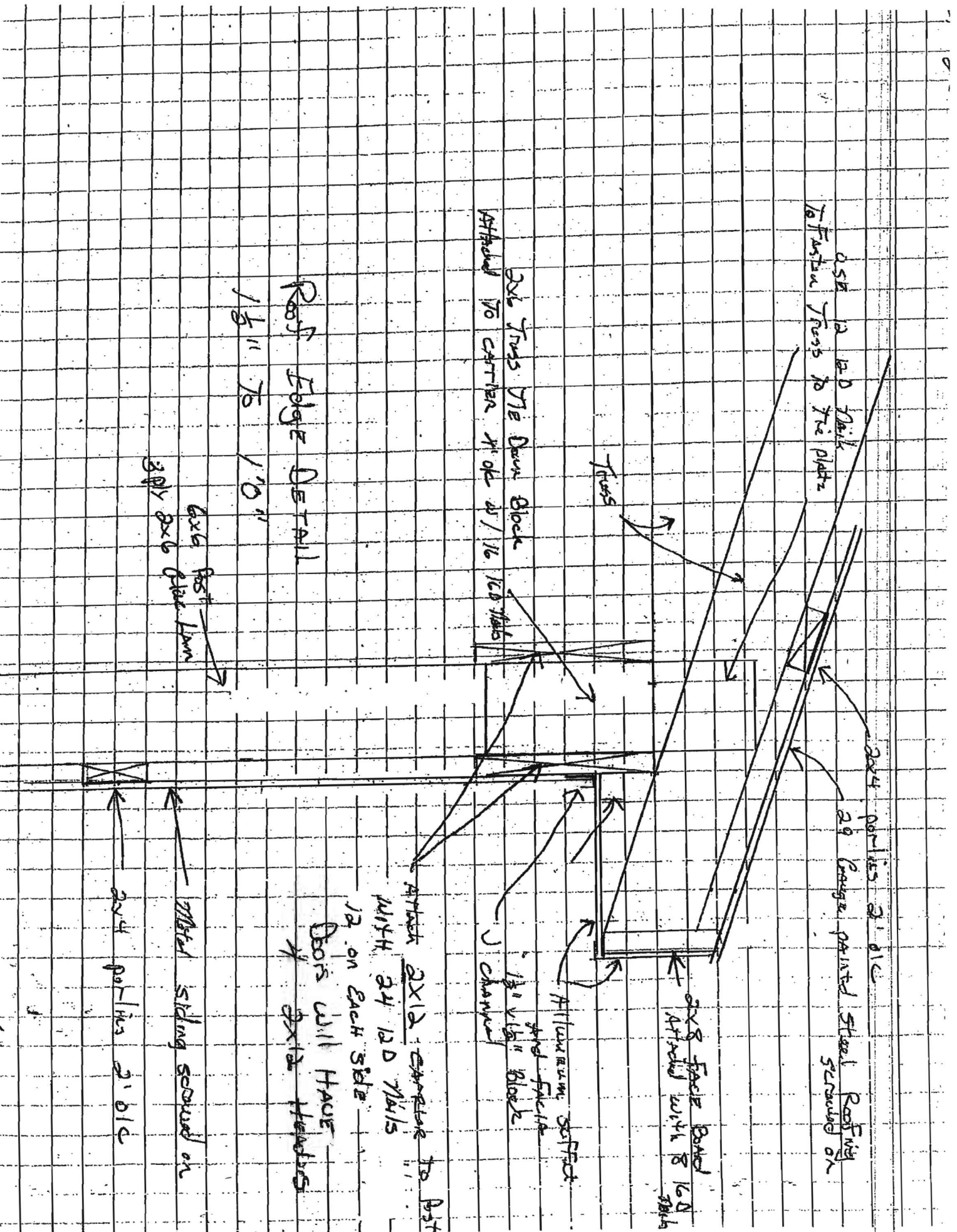
1 1/2" x 1 1/2" Block
in Channel

Attach 2x12 - exterior to Post
with 24 12D Nails

12 on each side
Bois will have
2x12 Headers

metal siding screwed on

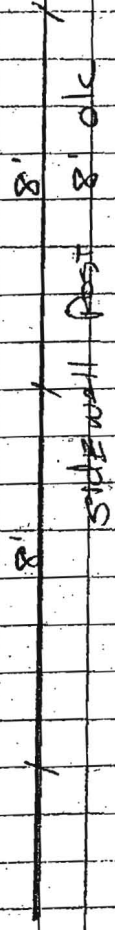
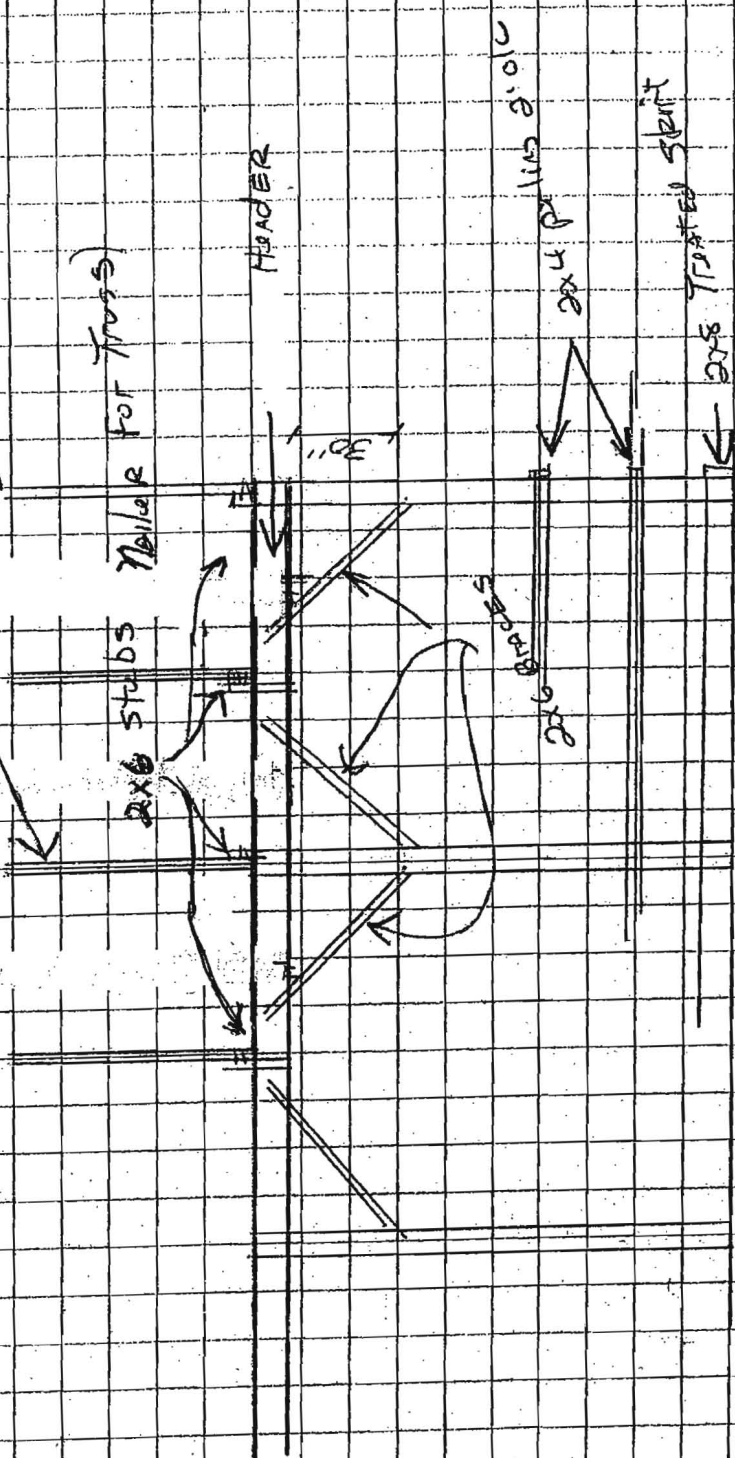
2x4 poles 2' o/c



#6



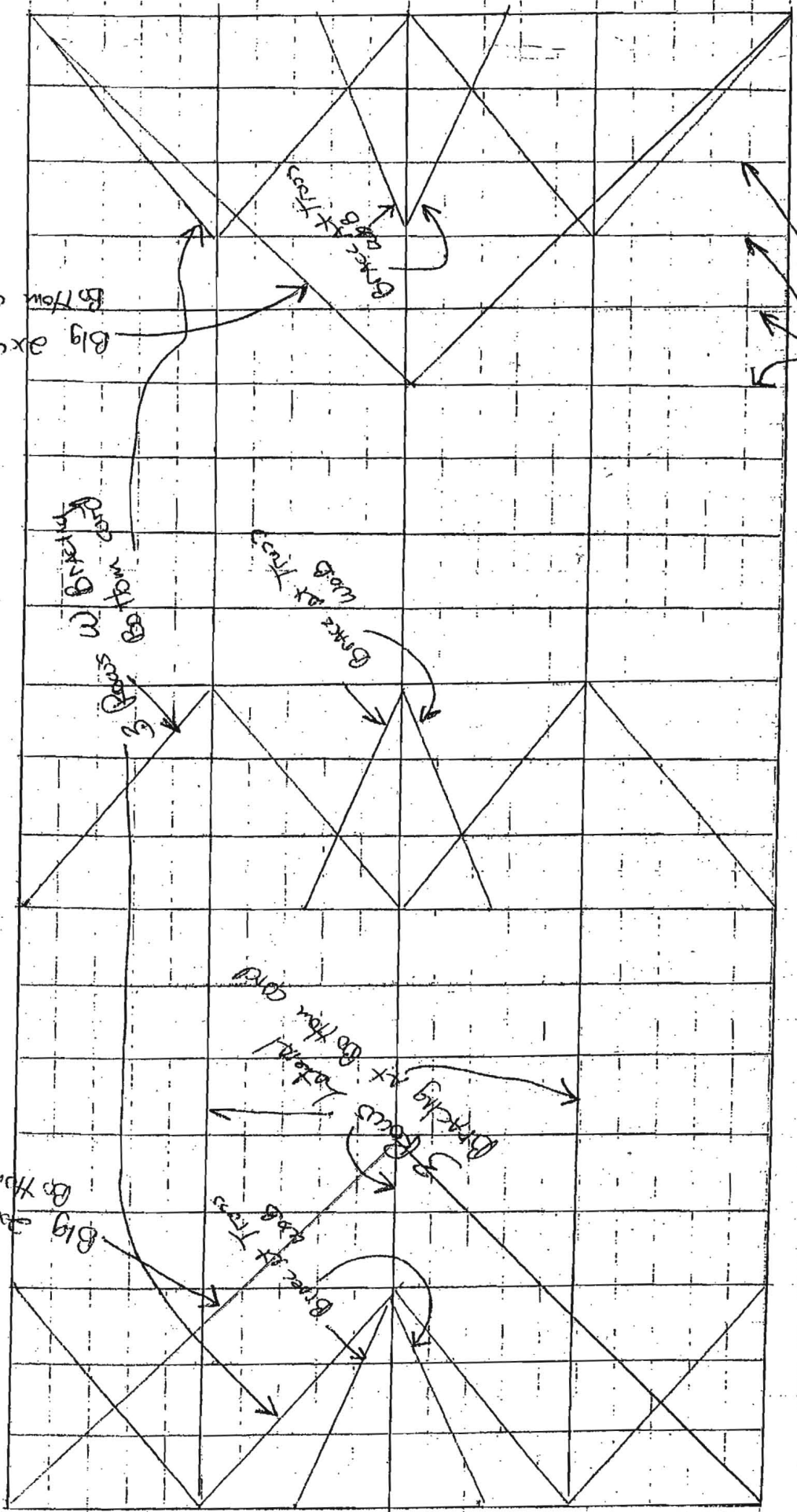
except other Truss will BE set on Post



Truss Bracing

Big 2x4
Bottom of
Top cord

Big 2x4
Bottom of
Top cord



3 Posts
Bottom of
Top cord

Big 2x4 Truss

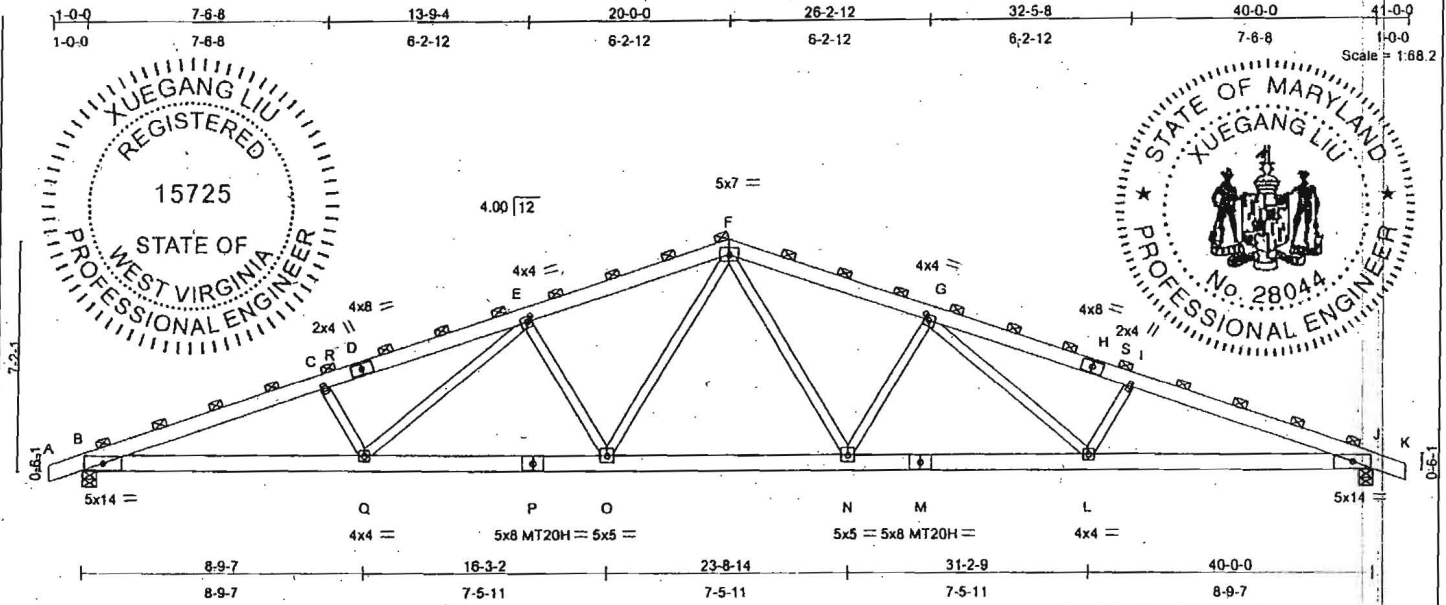
Bracing at Bottom of Top Cord

Tross 4x10

60'

106'

Job REG4P	Truss P4066	Truss Type DBL. FINK	Qty 1	Ply 1	Job Reference (optional)
RIGIDPLY RAFTERS, INC. (PA), RICHLAND, PA 17087			6.200 s Feb 11 2005 MiTek Industries, Inc. Thu Feb 24 08:52:01 2005 Page 1		



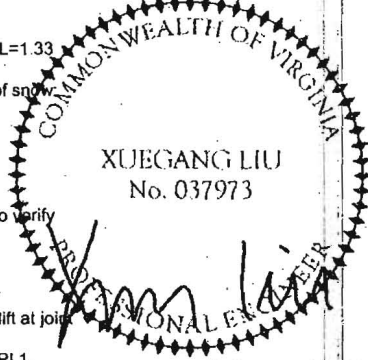
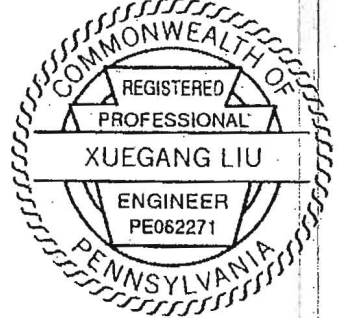
LOADING (psf)	SPACING	4-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 35.0	Plates Increase	1.15	TC 0.89	Vert(LL)	-0.60	N-O	>793	MT20	169/123
TCDL 5.0	Lumber Increase	1.15	BC 0.88	Vert(TL)	-0.96	N-O	>493	MT20H	187/143
BCLL 0.0	Rep Stress Incr	NO	WB 0.94	Horz(TL)	0.27	J	n/a		
BCDL 5.0	Code IBC2003/TPI2002		(Matrix)						Weight: 247 lb

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.2 *Except* A-D 2 X 6 SPF 2100F 1.8E, H-K 2 X 6 SPF 2100F 1.8E	TOP CHORD 2-0-0 oc purlins (2-2-5 max.)
BOT CHORD 2 X 6 SYP 2400F 2.0E *Except* M-P 2 X 6 SYP No.1	BOT CHORD Rigid ceiling directly applied or 9-7-10 oc bracing
WEBS 2 X 4 SYP No.3 *Except* C-Q 2 X 4 ESW Stud G, I-L 2 X 4 ESW Stud G	JOINTS 1 Brace at J(l): F

REACTIONS (lb/size) B=3131/0-5-8, J=3131/0-5-8
 Max HorzB=87(load case 5)
 Max UpliftB=597(load case 7), J=597(load case 8)
 Max GravB=3770(load case 3), J=3770(load case 4)

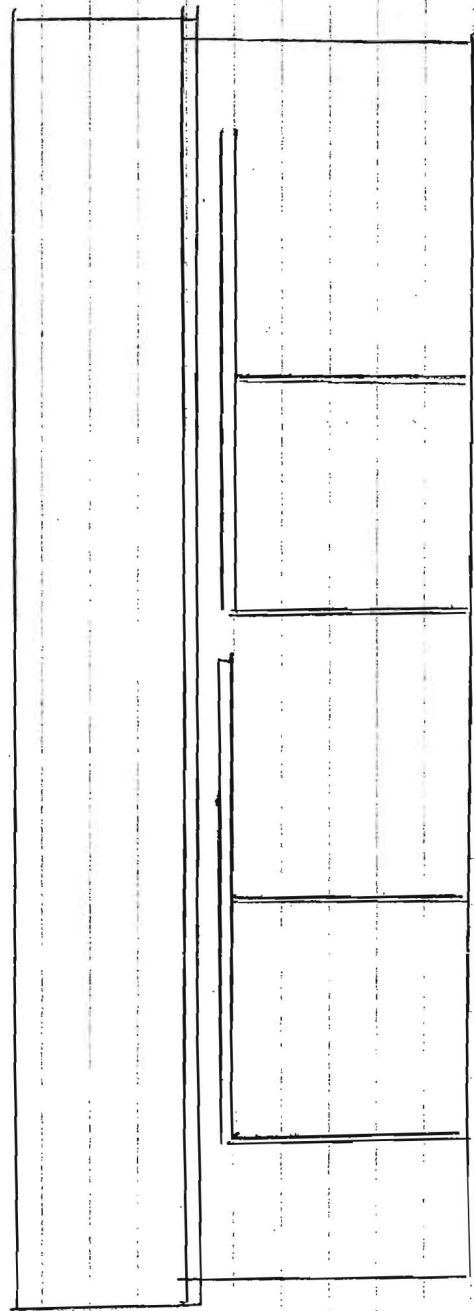
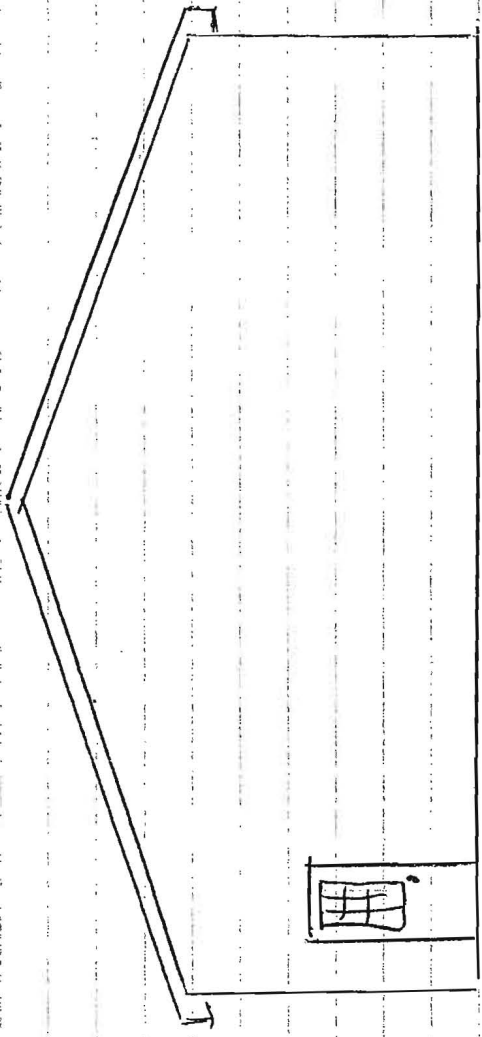
FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD A-B=0/56, B-C=-9078/1170, C-R=-8543/1118, D-R=-8514/1121, D-E=-8383/1142, E-F=-6652/877, F-G=-6652/877, G-H=-8383/1143, H-S=-8514/1121, I-S=-8543/1119, I-J=-9078/1170, J-K=0/56
 BOT CHORD B-Q=-1052/8396, P-Q=-716/6904, O-P=-716/6904, N-O=-464/5308, M-N=-678/6904, L-M=-678/6904, J-L=-986/8396
 WEBS C-Q=-1152/306, E-Q=-259/1745, E-O=-1941/310, F-O=-215/2144, F-N=-215/2144, G-N=-1941/311, G-L=-259/1745, I-L=-1152/306

- NOTES
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 90mph; h=20ft; TCCL=3.0psf; BCDL=3.0psf; Category II; Exp B; enclosed; MWFRS interior zone; Lumber DOL=1.33 plate grip DOL=1.33.
 - TCLL: ASCE 7-02; Pr=35.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=35.0 psf (ground snow); Ps=27.6 psf (roof snow); Lumber DOL=1.15 Plate DOL=1.15; Category II; Exp B; Partially Exp.; Ct=1.2; Unobstructed slippery surface
 - 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 20.0 psf or 1.00 times flat roof load of 29.4 psf on overhangs non-concurrent with other live loads.
 - Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 597 lb uplift at joint B and 597 lb uplift at joint J.
 - This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.



February 28, 2005

Revision
7/17/14



#1

2x8 TYP. SLAB

Ground Level

WINDY AREA
POST +
PILE

CONCRETE
4" Concrete Floor 3500 PSI

4" To 6" of Stone

FOOTING
CONCRETE

Fill up

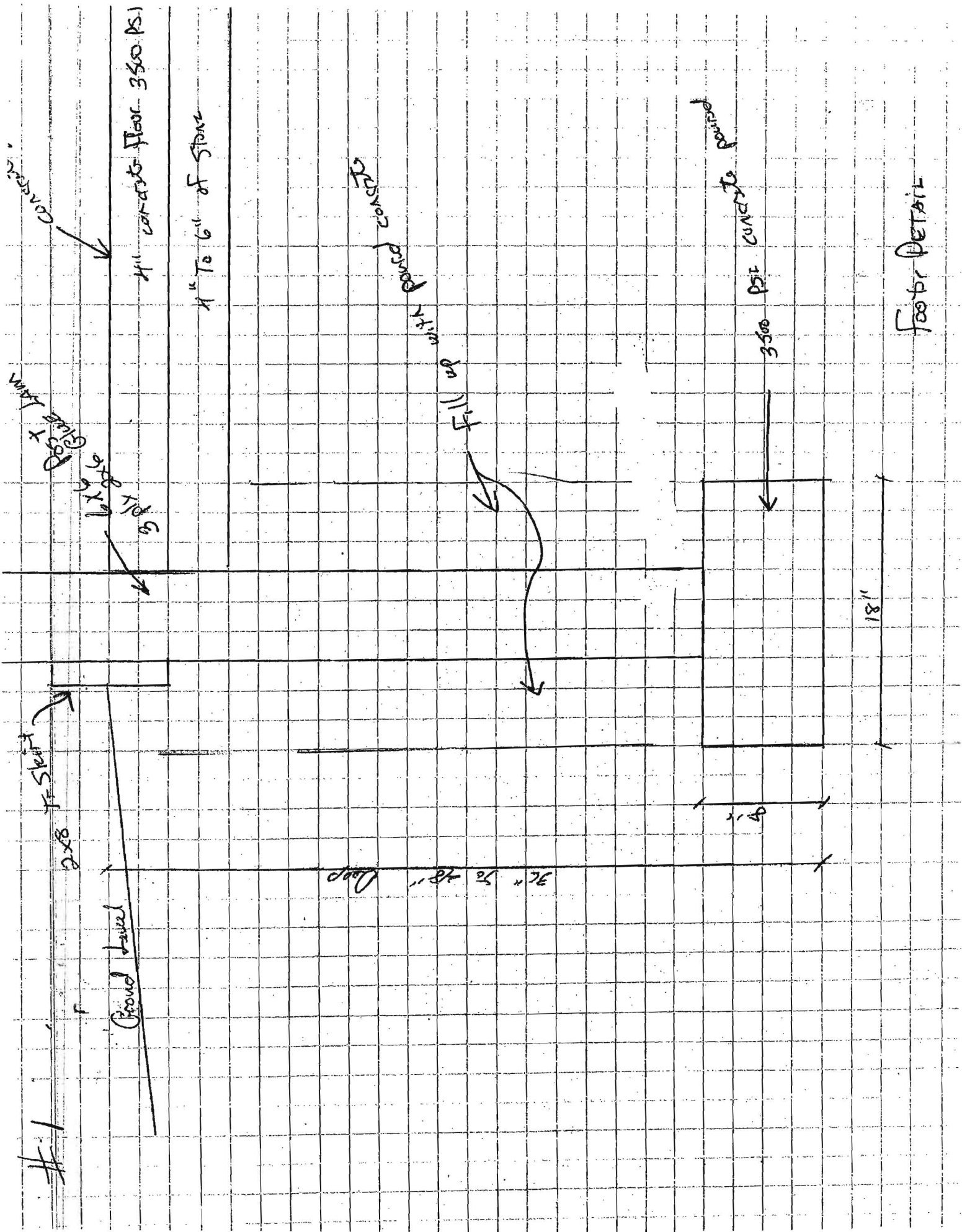
3500 PSI CONCRETE FOOTING

18"

2'-4"

36" to 48" Deep

FOOTING DETAIL



2x6 12 D Nails
Attached to Truss to Tie Plate

2x4 poles 2' o/c
29 Gauge painted Steel Roofing
Screwed on

2x8 Face Board
Attached with 16 D Nails

Aluminum Soffit
and Frieze
1 1/2" x 1 1/2" Block
Channel

Attach 2x12 channels to Post
with 24 12 D Nails
12 on each side

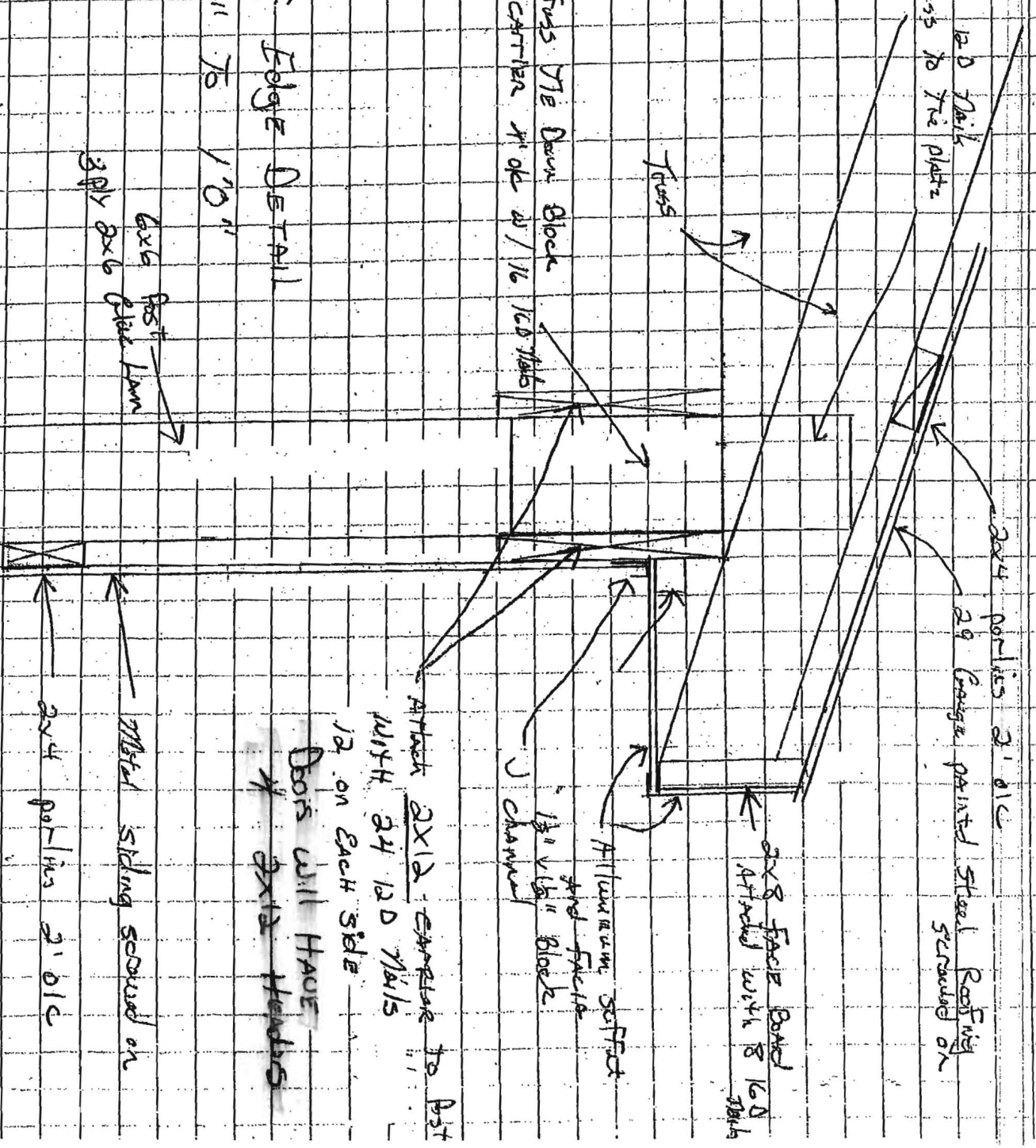
Doors will have
4 2x12 Headers

Roof Edge Detail

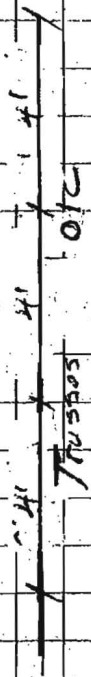
1 1/2" to 1" o/c

2x6 Post
2x6 Plate Lamin
Apply 2x6

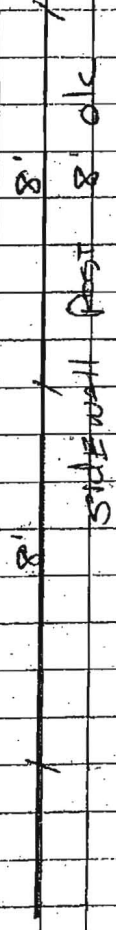
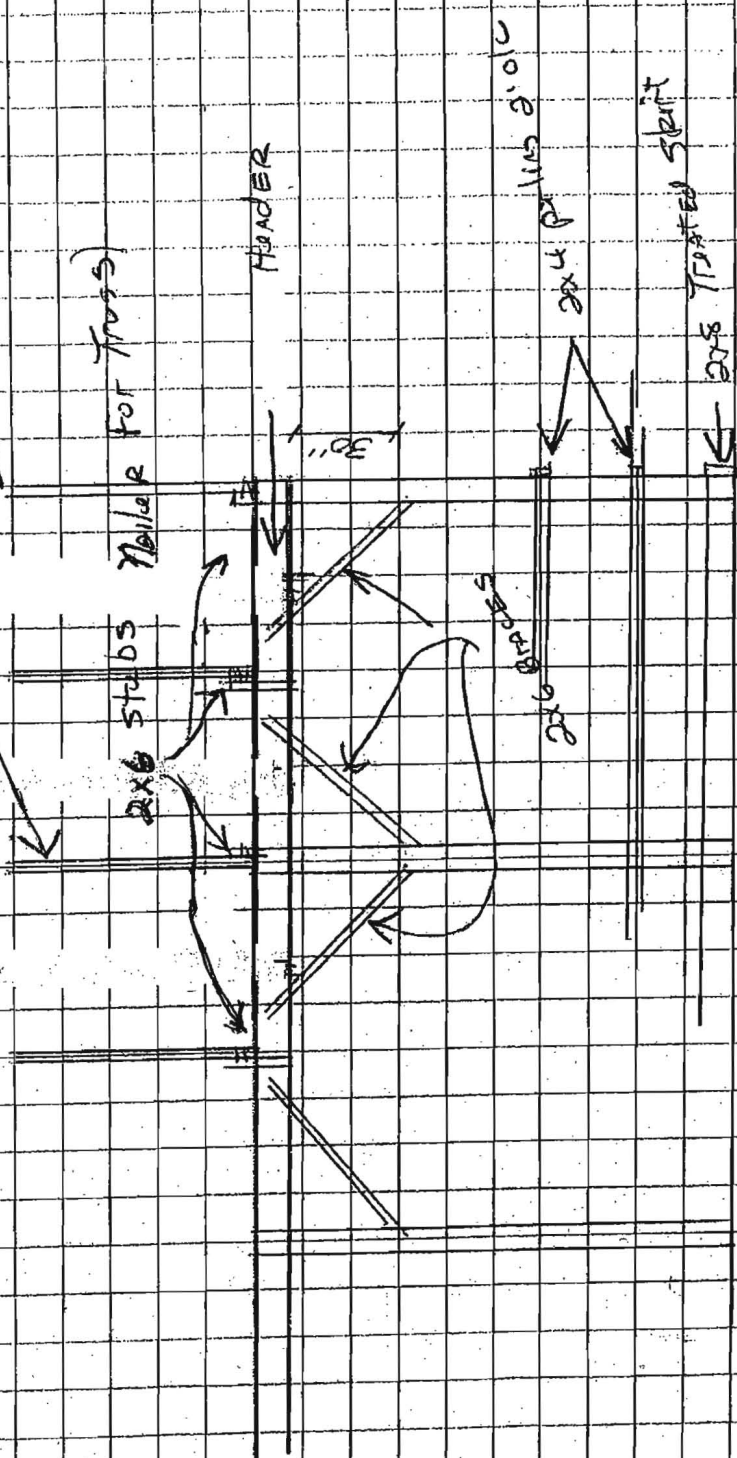
Metal sliding secured on
2x4 poles 2' o/c



#6



other Truss will BE set on Post

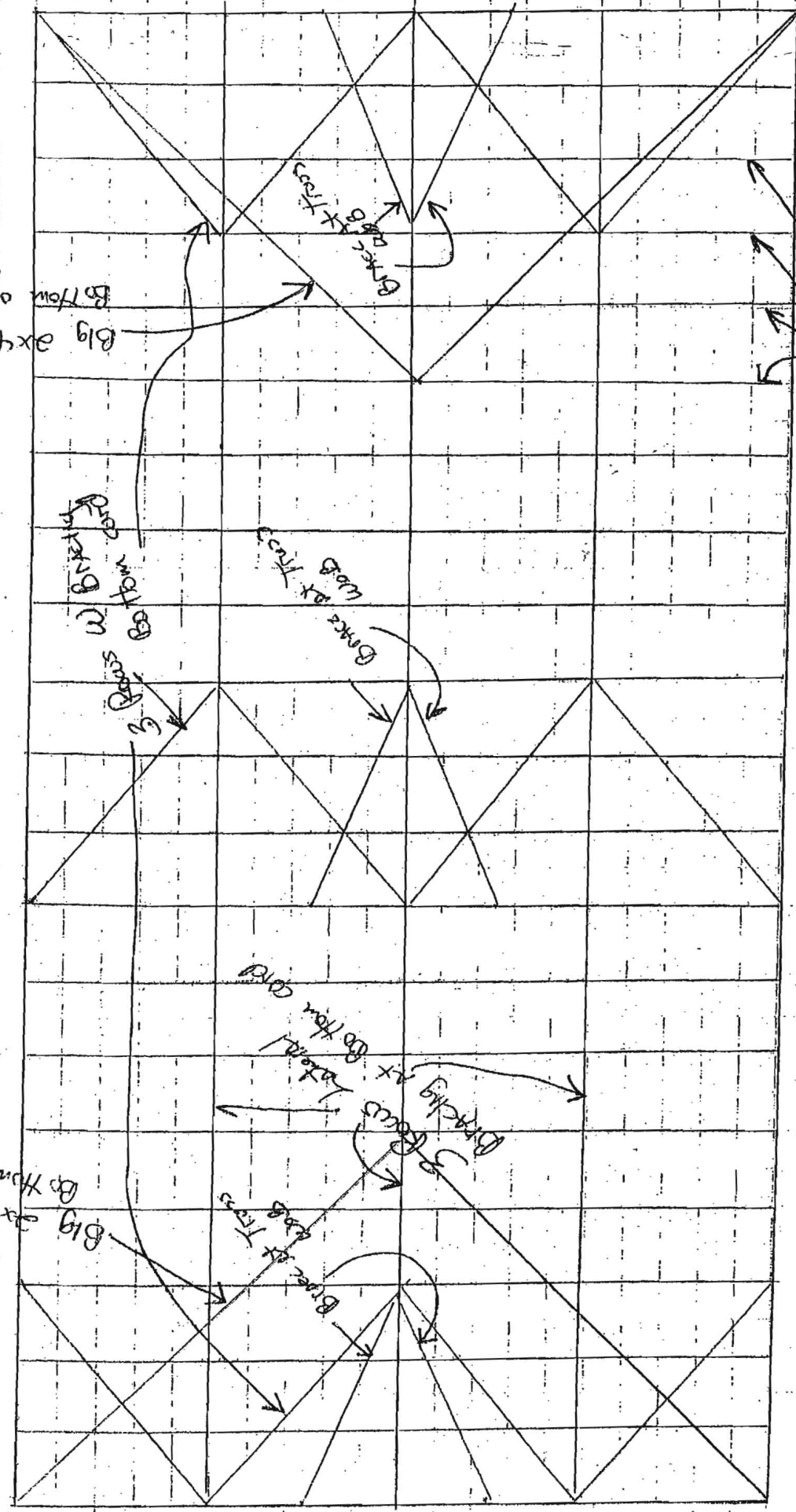


side wall Post 8' ok

Tuss Bracing

Big 2x4
Bottom of
cord top

Big 2x4
Bottom of
cord top



Tuss H/C

60'

40'

Job REG4P	Truss P4066	Truss Type DBL. FINK	Qty 1	Ply 1	Job Reference (optional)	17922732
RIGIDPLY RAFTERS, INC. (PA), RICHLAND, PA 17087			6.200 s Feb 11 2005 Mitek Industries, Inc. Thu Feb 24 08:52:01 2005 Page 1			

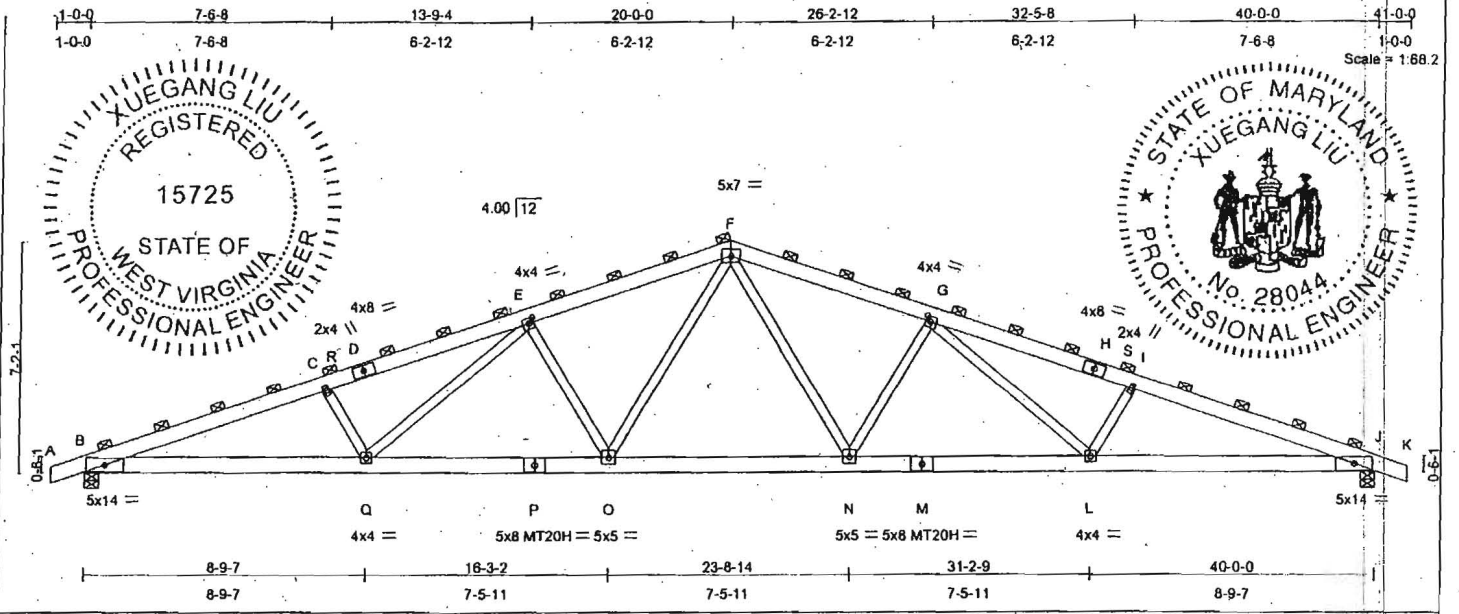


Plate Offsets (X,Y): [E:0-1-12,0-2-0], [G:0-1-12,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 35.0	4-0-0	TC 0.89	in (loc) Vdefl L/d	MT20	169/123
TCDL 5.0	Plates Increase 1.15	BC 0.88	Vert(LL) -0.60 N-O >793 360	MT20H	187/143
BCLL 0.0	Lumber Increase 1.15	WB 0.94	Vert(TL) -0.96 N-O >493 360	Weight: 247 lb	
BCDL 5.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.27 J n/a n/a		
	Code IBC2003/TPI2002				

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
A-D 2 X 6 SPF 2100F 1.8E, H-K 2 X 6 SPF 2100F 1.8E
BOT CHORD 2 X 6 SYP 2400F 2.0E *Except*
M-P 2 X 6 SYP No.1
WEBS 2 X 4 SYP No.3 *Except*
C-Q 2 X 4 ESW Stud G, I-L 2 X 4 ESW Stud G

BRACING
TOP CHORD 2-0-0 oc purlins (2-2-5 max.)
BOT CHORD Rigid ceiling directly applied or 9-7-10 oc bracing.
JOINTS 1 Brace at JI(s): F

REACTIONS (lb/size) B=3131/0-5-8, J=3131/0-5-8
Max HorzB=87(load case 5)
Max UpliftB=597(load case 7), J=597(load case 8)
Max GravB=3770(load case 3), J=3770(load case 4)

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TOP CHORD A-B=0/56, B-C=9078/1170, C-R=-8543/1118, D-R=-8514/1121, D-E=-8383/1142, E-F=-6652/877, F-G=-6652/877, G-H=-8383/1143, H-S=-8514/1121, I-S=-8543/1119, I-J=-9078/1170, J-K=0/56
BOT CHORD B-Q=-1052/8396, P-Q=-716/6904, O-P=-716/6904, N-O=-464/5308, M-N=-678/6904, L-M=-678/6904, J-L=-986/8396
WEBS C-Q=-1152/306, E-Q=-259/1745, E-O=-1941/310, F-O=-215/2144, F-N=-215/2144, G-N=-1941/311, G-L=-259/1745, I-L=-1152/306

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-02; 90mph; h=20ft; TC DL=3.0psf; BC DL=3.0psf; Category II; Exp B; enclosed; MWFRS interior zone; Lumber DOL=1.33 plate grip DOL=1.33.
 - TCLL: ASCE 7-02; Pr=35.0 psf (roof live load); Lumber DOL=1.15 Plate DOL=1.15; Pg=35.0 psf (ground snow); Ps=27.6 psf (roof snow); Lumber DOL=1.15 Plate DOL=1.15; Category II; Exp B; Partially Exp.; Ct=1.2; Unobstructed slippery surface
 - 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 20.0 psf or 1.00 times flat roof load of 29.4 psf on overhangs non-concurrent with other live loads.
 - Dead loads shown include weight of truss. Top chord dead load of 5.0 psf (or less) is not adequate for a shingle roof. Architect to verify adequacy of top chord dead load.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 597 lb uplift at joint B and 597 lb uplift at joint J.
 - This truss is designed in accordance with the 2003 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

Continued on page 2 February 28, 2005

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI Quality Criteria, D58-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

14515 N. Outer Forty, Suite #300, Chesterfield, MO 63017

