

LAYOUT 9/3/2009 INSP 4 _____
INSP 2 10/7/09 INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 10-6-09 **PERMIT - Repair** P 531889
APPROVAL DATE: 10/8/09 A _____

Tax ID # 04317815

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

Hatfields Equipment IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: _____ LOT NUMBER: _____

ADDRESS: 14550 Burntwoods Rd PROPERTY OWNER: Leroy Cook

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: ~3501

LINEAR FEET OF TRENCH REQUIRED: 120

TRENCHES:	Trenches to be <u>2</u> feet wide. Inlet <u>3</u> feet below original grade. Bottom maximum depth <u>7</u> feet below grade. <u>4</u> feet of stone below distribution pipe.
LOCATION:	2x60' trenches will be installed on contour just below perc test hole. Trenches will have observation pipes at the ends. New 2000g septic tank shall be set below existing system out of way from proposed pool (homeowner wants to place a pool on high side, above perc hole A).
NOTES:	Trenches will be maintaining 4' of stone below the pipe laterals throughout. Ho. Co. Regulations apply unless otherwise stated by Sanitarian. Pump and collapse ex. dry well and septic tank.

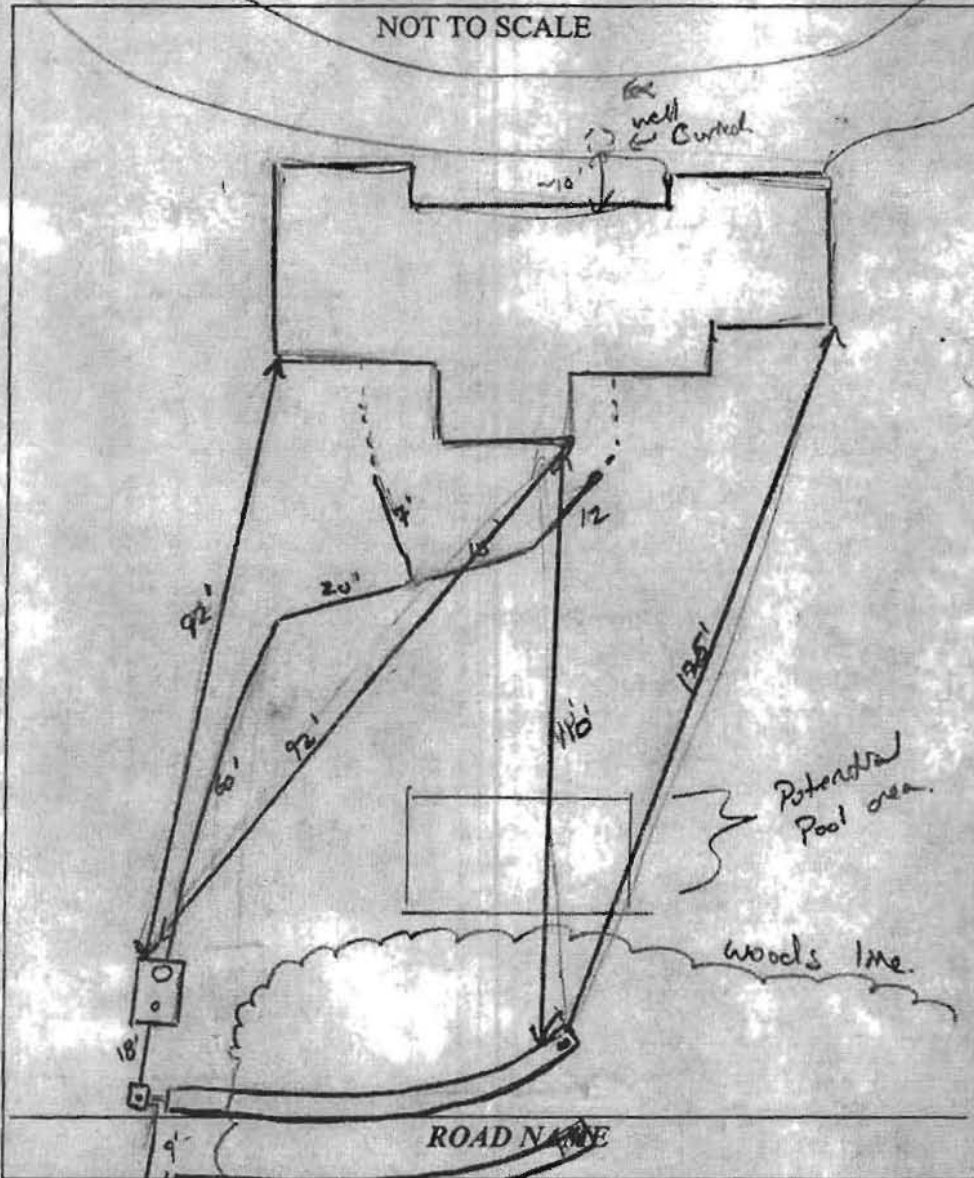
PLANS APPROVED: Kevin Wolf DATE: 9/3/2009

NOTE: PERMIT VOID AFTER 2 YEARS
NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

Burntwoods Rd.

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3'	7'
NUMBER OF TRENCHES		2
TOTAL LENGTH		120'
ABSORPTION AREA		240' x 5W
DISTRIBUTION BOX LEVEL		10' x 12"
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	—
MANHOLE LOC	Front/Road
6" PORT LOC	None
WATERTIGHT TEST	—
SLOTTED	Yes
DATE ON LID	?

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

PRE-CONSTRUCTION:

INSTALLATION: 10/7/09 (12pm) very windy day. S.T. set. Plumbing re-routed to right side of prop to new S.T. as trenches installed. Ex. Tank and DW. pumped & collapsed. (Kw)
 10/8/09 system installed per instructions. OK to cover all work. (Kw)

FINAL INSPECTOR

H. Way

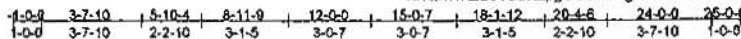
DATE OF APPROVAL

10/8/09

Job	Truss	Truss Type	Qty	Ply	ATTIC TRUSSES	122378696
ATTIC	AT122468	ATTIC	1	1		

RIGIDPLY RAFTERS, INC (PA), RICHLAND, PA 17067

7.520 s Apr 22 2014 MITek Industries, Inc. Wed Jun 04 14:08:26 2014 Page 1
 ID:Qn7mZU0aCkZpgCCsRiQigz9?vm-s3A81A1LmCPjZ5EhKopsjLsboFCJXOSXPu0azbdUx



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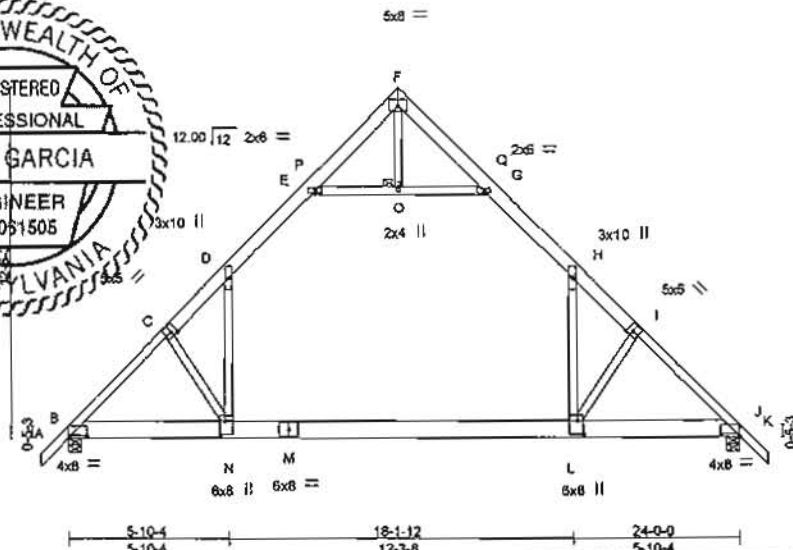


Plate Offsets (X,Y) - [B:0-8-0,0-0-15], [C:0-2-4,Edge], [I:0-2-4,Edge], [J:0-8-0,0-0-15], [L:0-5-12,0-2-8], [N:0-5-12,0-2-8]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/def	L/d	PLATES	GRIP	
TCLL 30.0	Plates Increase	1.15	TC 0.74	Vert(LL)	-0.37	L-N	>768	360	MT20	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.65	Vert(TL)	-0.68	L-N	>416	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.37	Horz(TL)	0.02	J	n/a	n/a		
BCDL 10.0	Code IBC2009/TPI2007		(Matrix)	Attic	-0.23	L-N	639	360		
								Weight: 176 lb	FT = 20%	

LUMBER-
 TOP CHORD 2x6 SP 2400F 2.0E *Except*
 A-C,I-K: 2x4 SPF No.2
 BOT CHORD 2x8 SP No.1 *Except*
 J-M: 2x8 SP 2400F 2.0E
 WEBS 2x4 SPF No.2

BRACING-
 TOP CHORD Sheathed or 3-9-10 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 JOINTS 1 Brace at Jt(s): O

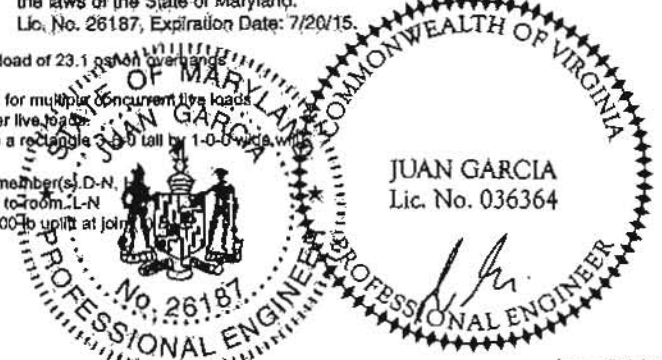
MITek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer installation guide.

REACTIONS. (lb/size) B=1199/0-5-8, J=1199/0-5-8
 Max Uplift B=-22(LC 8), J=-22(LC 8)
 Max Grav B=1690(LC 3), J=1690(LC 3)

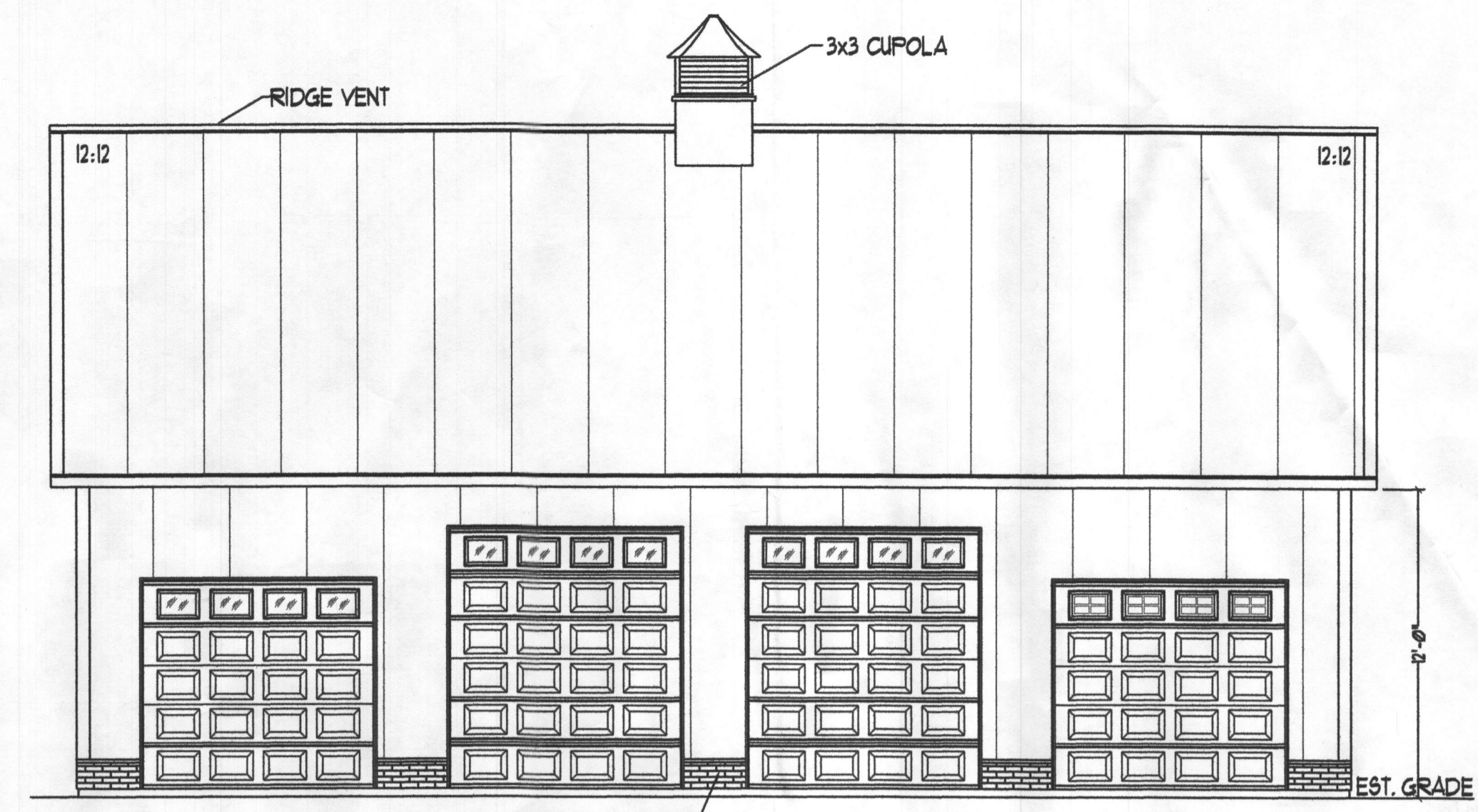
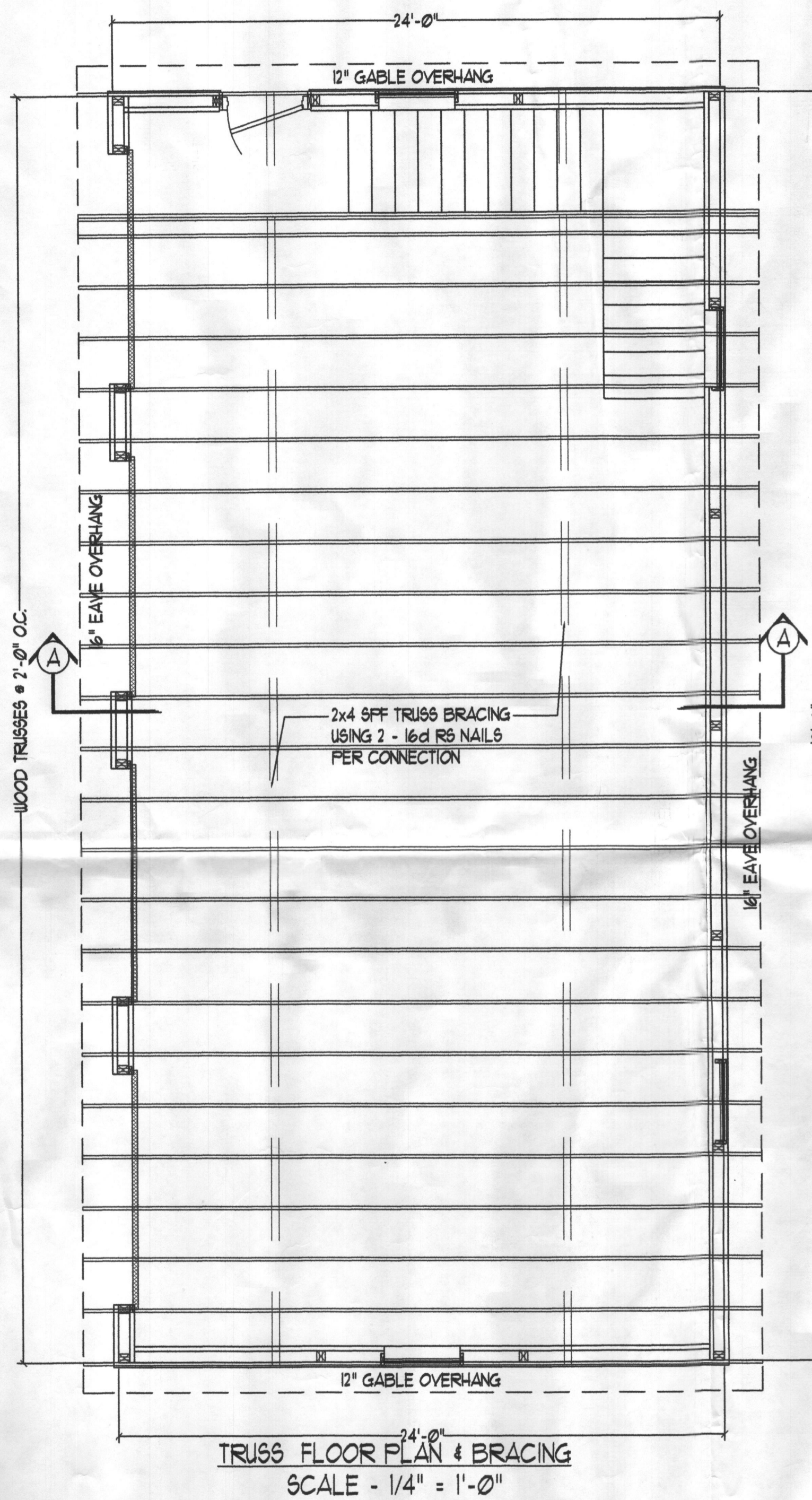
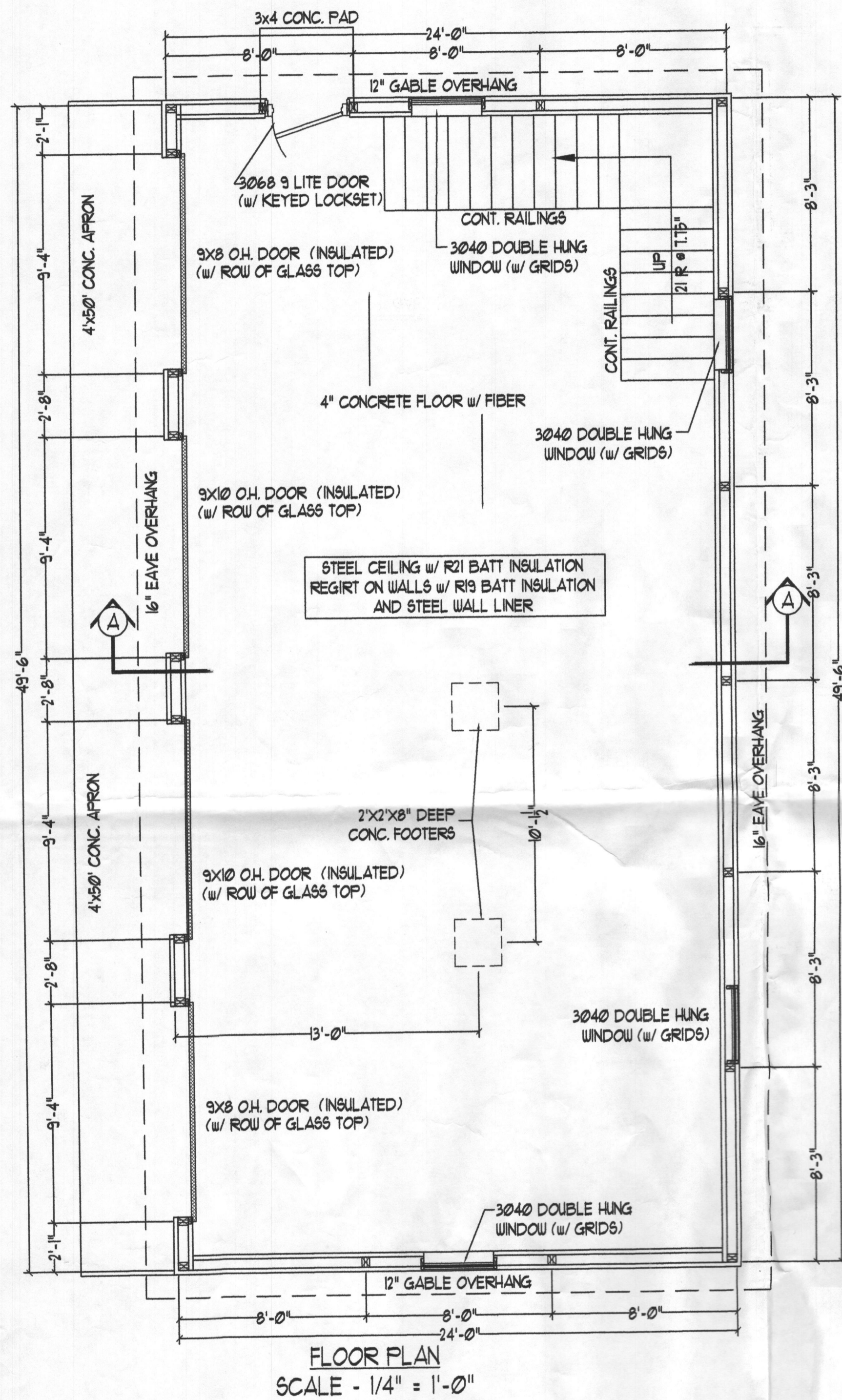
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD B-C=-2239/0, C-D=-2193/0, D-E=1240/79, G-H=-1238/79, H-I=-2201/0, I-J=-2245/0
 BOT CHORD B-N=0/1500, L-N=0/1228, J-L=0/1514
 WEBS E-O=-1495/98, G-O=-1495/98, D-N=0/1283, H-L=0/1303, C-N=-541/108, I-L=-547/108

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCDF=3.5psf; BCDF=5.0psf; h=25ft; Cat. II; Exp B; enclosed; C-C Extension: 10'-0" (see notes for details); Lateral bracing: 10'-0" (see notes for details); DOL=1.33
 - TCLL: ASCE 7-05; P=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=30.0 psf (attic live load: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; 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 23.1 psf non-overlapped 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.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live load.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-0" tall by 1'-0" wide will fit between the bottom chord and any other members.
 - Ceiling dead load (10.0 psf) on member(s): D-E, G-H, E-O, G-O; Wall dead load (5.0psf) on member(s): D-N, L-N
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room L-N
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint
 - Attic room checked for L/380 deflection.

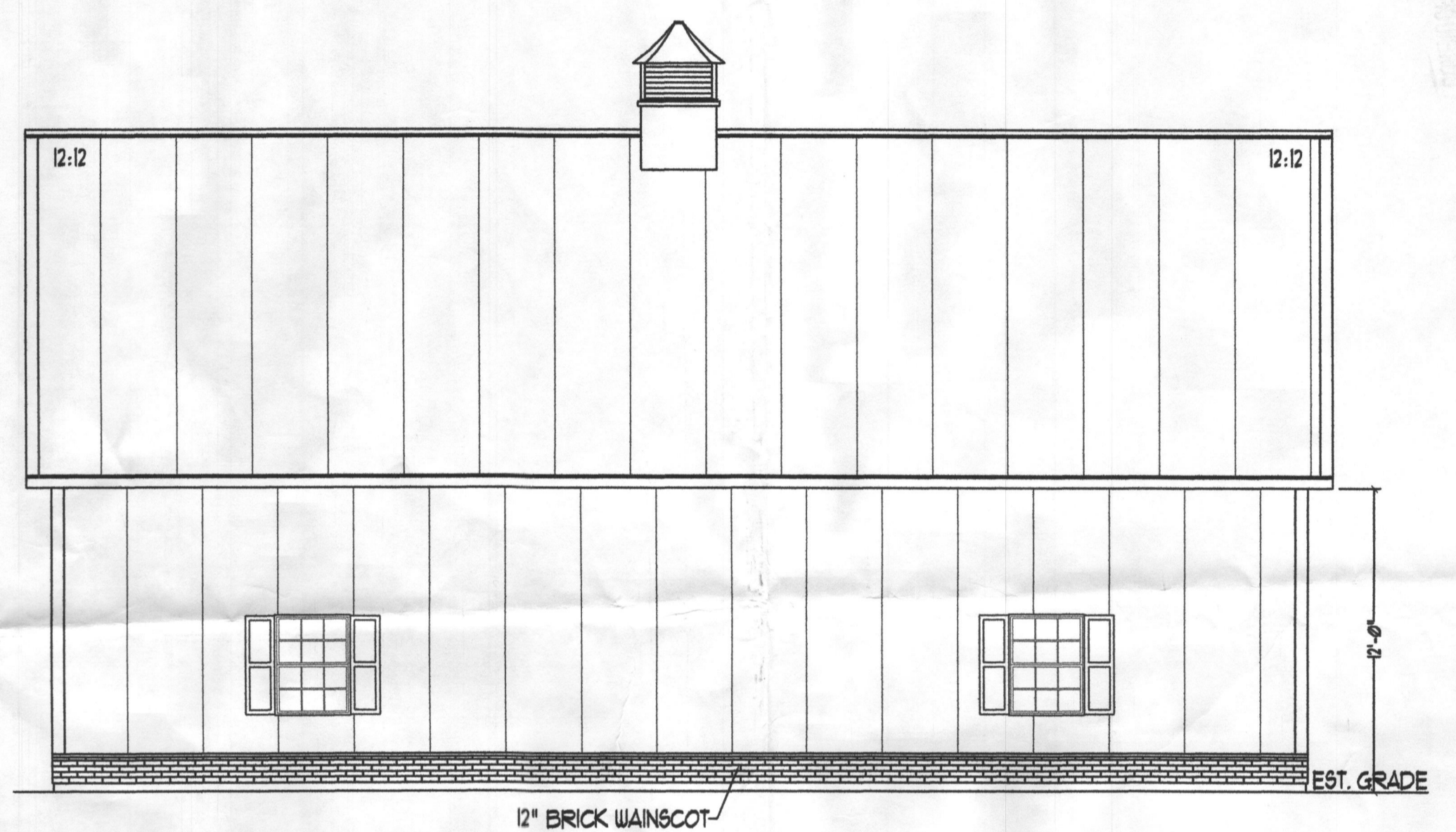
I, **JUAN GARCIA**, a duly Licensed Professional Engineer, prepared or approved by me, and I am authorized to practice in the State of Maryland. Lic. No. 26187, Expiration Date: 7/20/15.



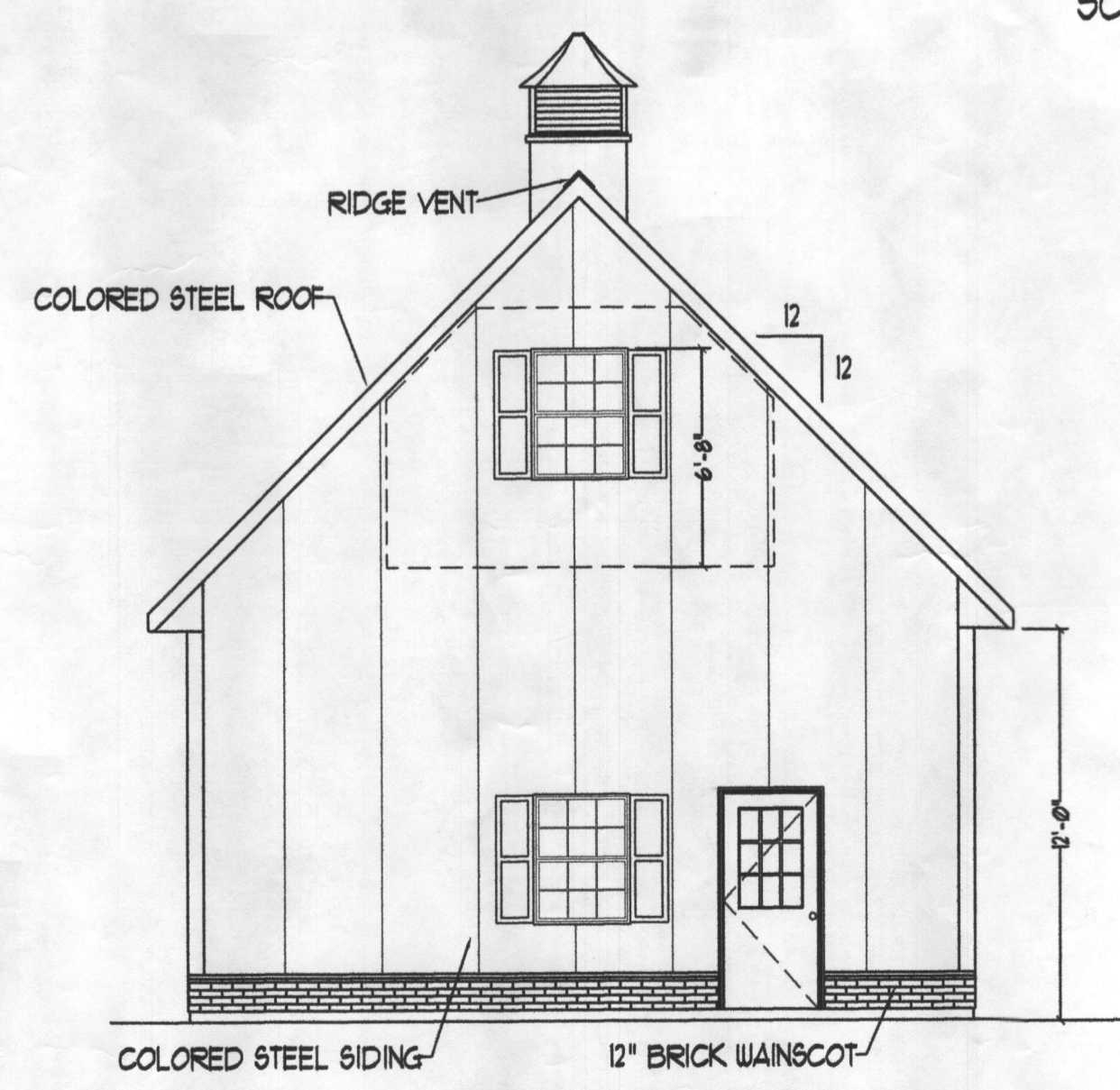
June 5, 2014



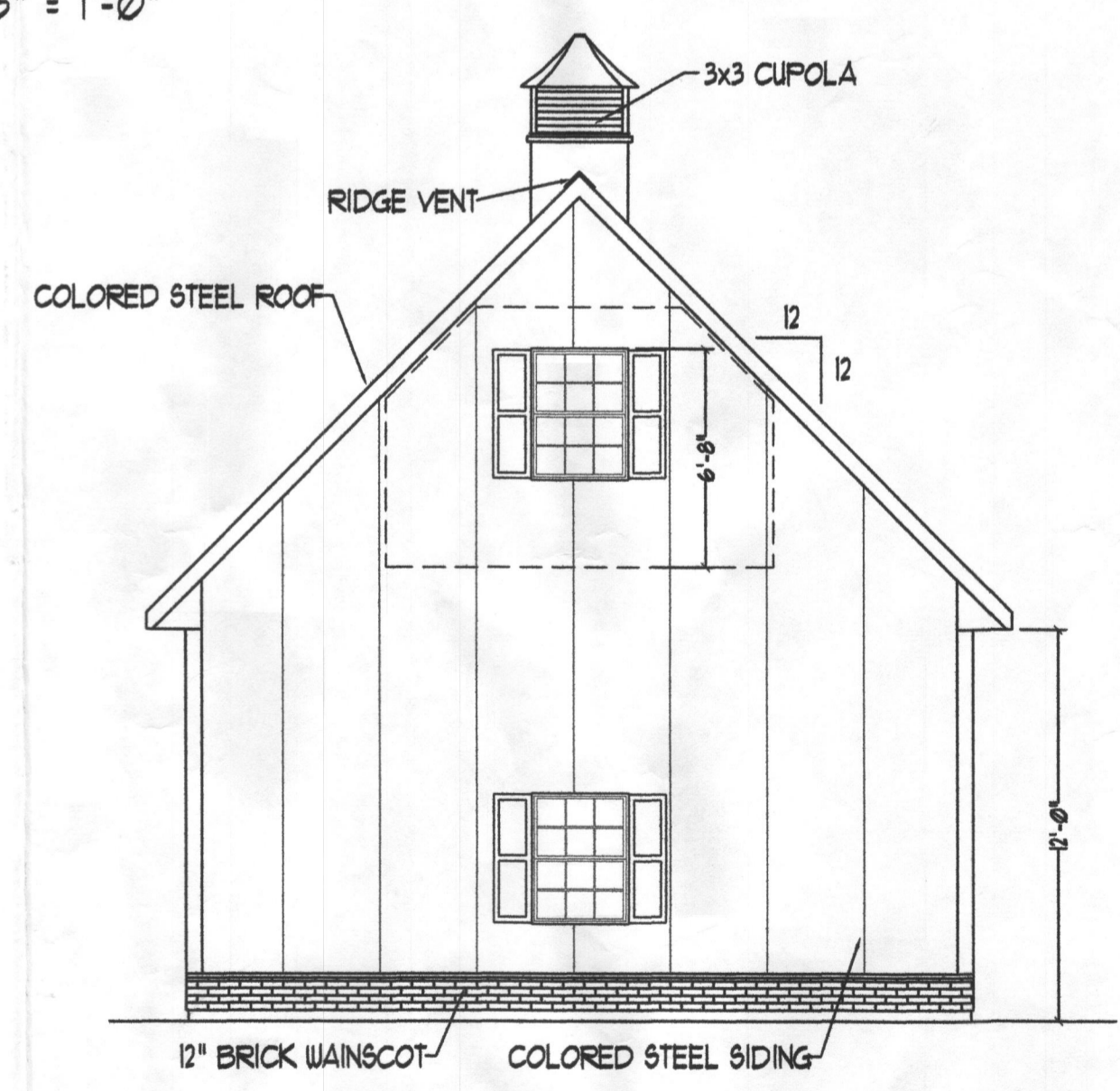
FRONT ELEVATION
SCALE - 3/16" = 1'-0"



REAR ELEVATION
SCALE - 3/16" = 1'-0"



LEFT SIDE ELEVATION
SCALE - 3/16" = 1'-0"



RIGHT SIDE ELEVATION
SCALE - 3/16" = 1'-0"

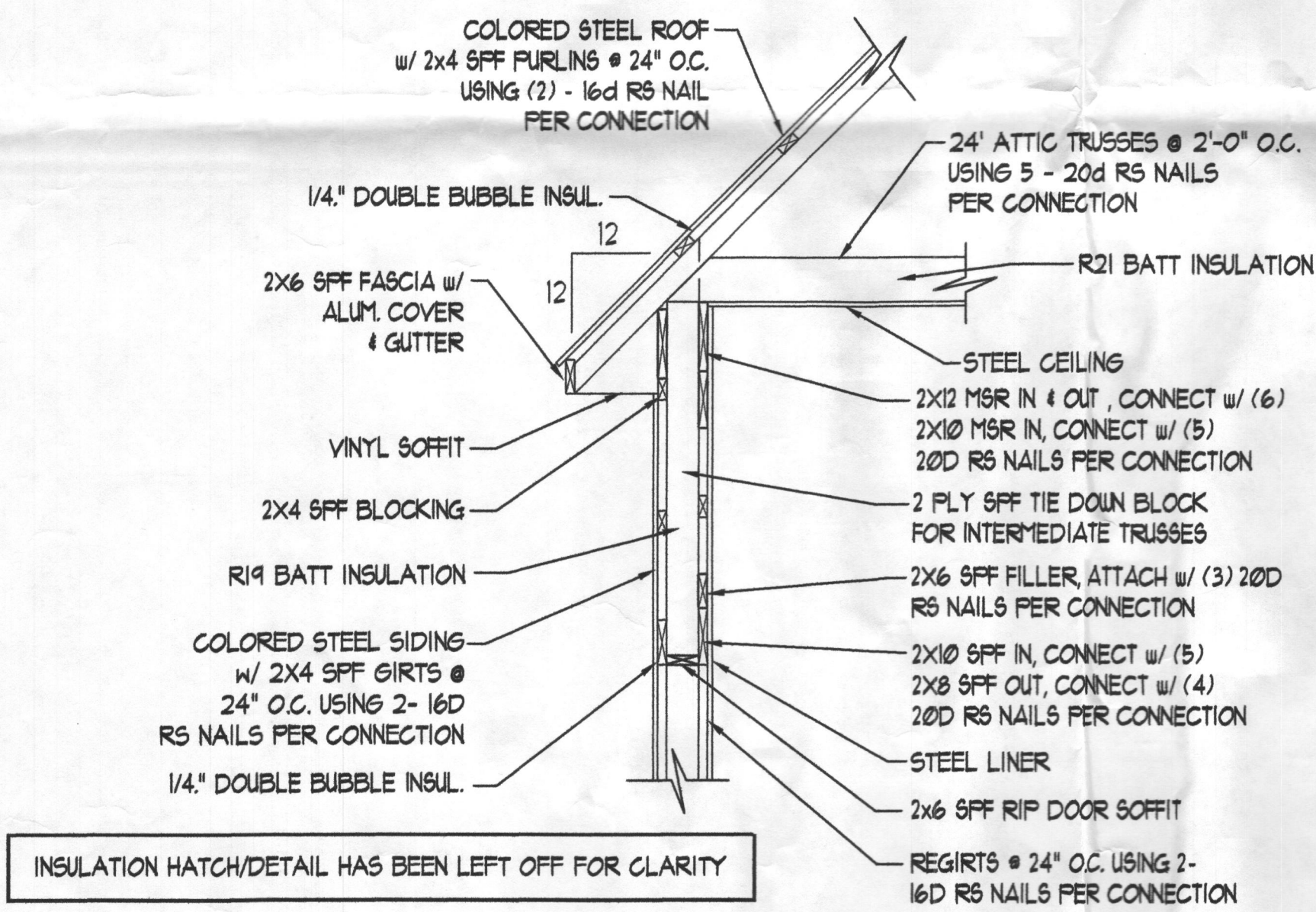
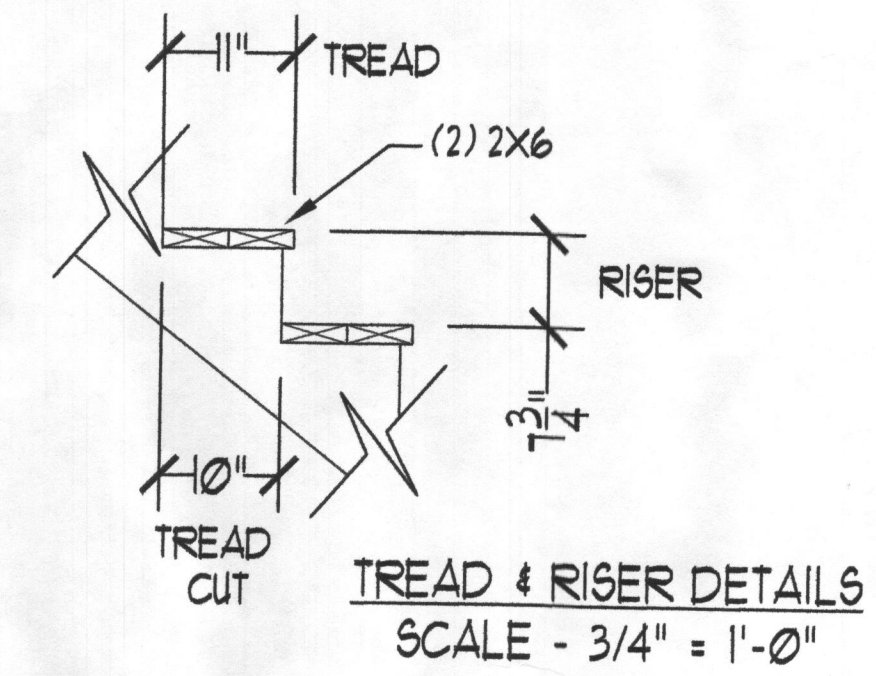
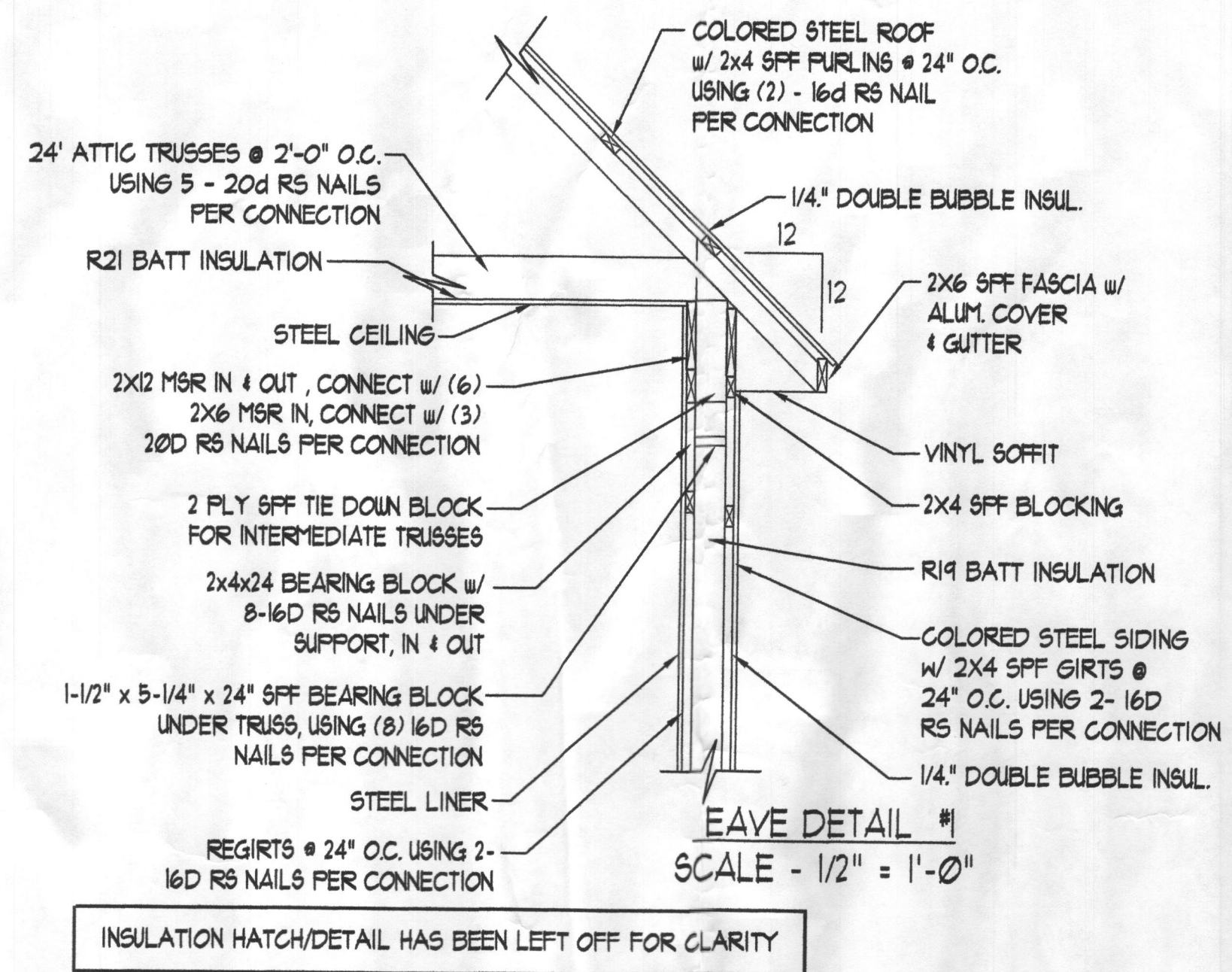
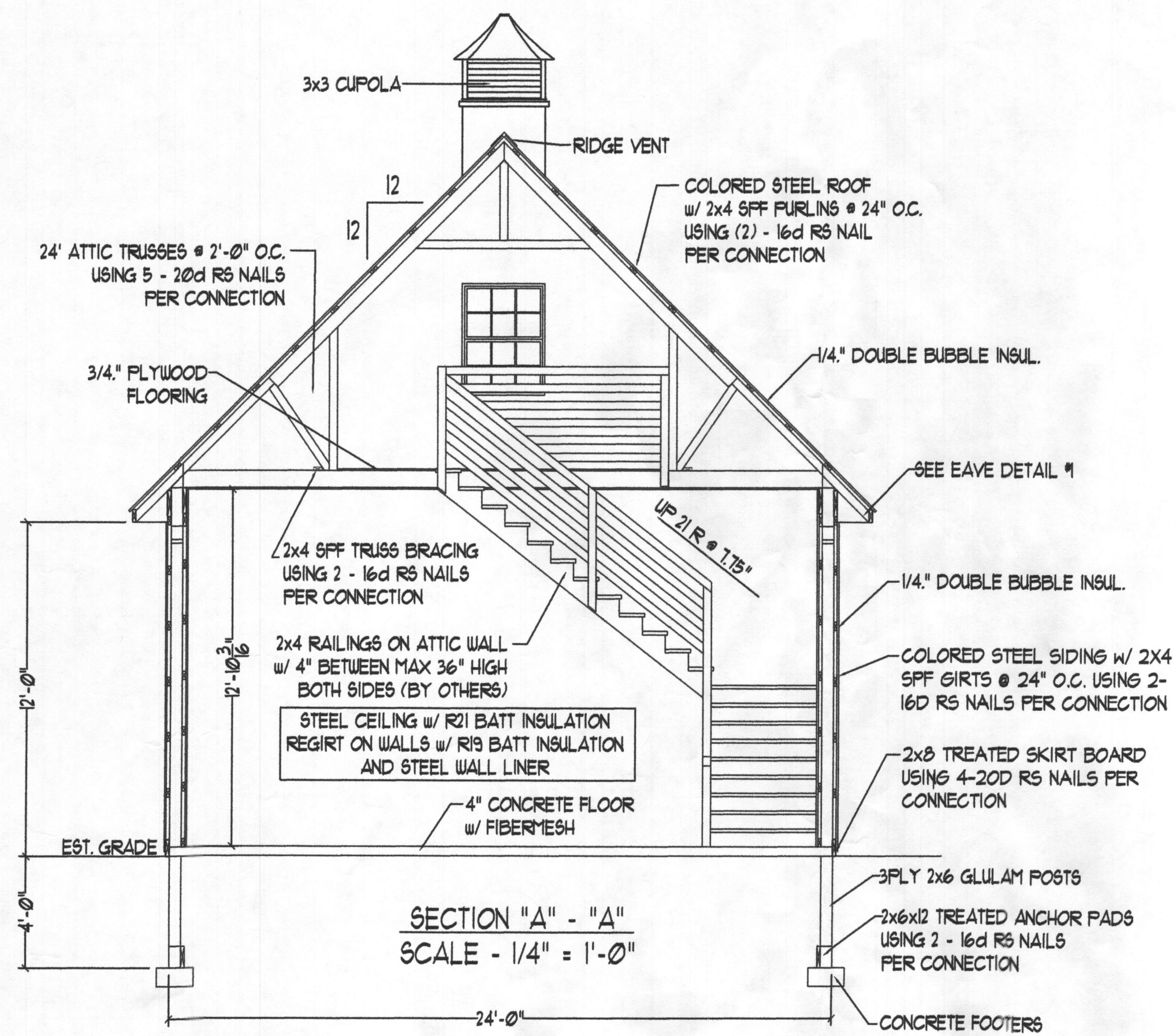
Truss Design Loads

- Top Chord Live Load - 30 PSF
- Top Chord Dead Load - 5 PSF
- Bottom Chord Dead Load - 10 PSF
- Bottom Chord Room Load - 40 PSF

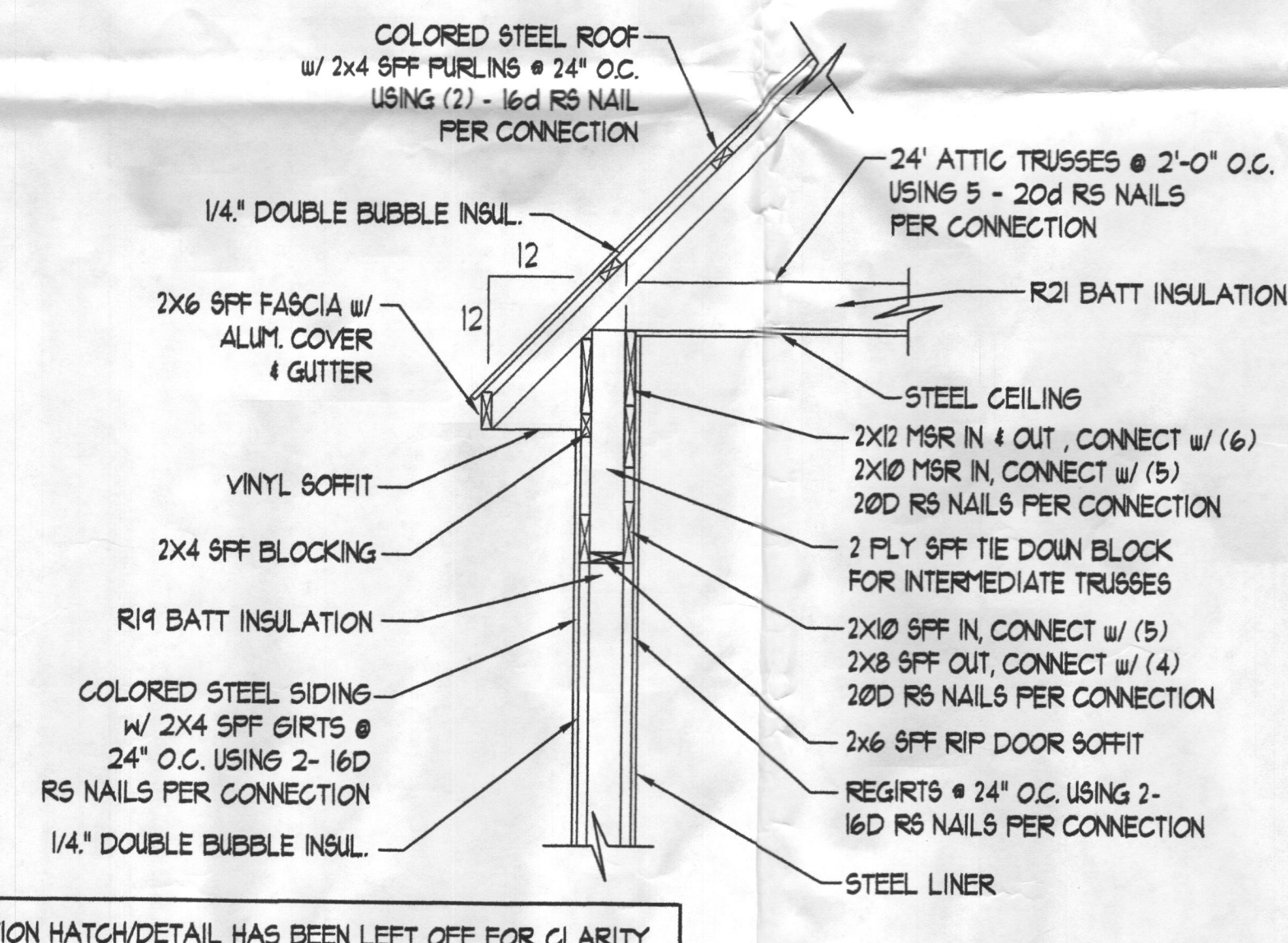
THESE PLANS SHALL BE RESTRICTED IN USE AS DESIGNATED BY HANOVER BUILDING SYSTEMS, INC. DESIGNS AND CONCEPTS MAY NOT BE REPRODUCED OR REPRODUCED WITHOUT THE APPROVAL OF HANOVER BUILDING SYSTEMS, INC.

HOWARD COUNTY	HANOVER BUILDING SYSTEMS, INC.	
	JIM BRENT	GARAGE
	14550 BURNT WOODS ROAD	24' x 50' x 12'
	GLENWOOD, MD 21138	
	DATE: 10/31/2011	DRAWN BY: REW
	SCALE: A/N	DATE: 10/31/2011
		2602

PERMIT SET



9'-0" X 8'-0" O.H. EAVE DETAIL
SCALE - 1/2" = 1'-0"



9'-0" X 10'-0" O.H. EAVE DETAIL
SCALE - 1/2" = 1'-0"

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Top Chord Live Load - 30 PSF
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HOWARD COUNTY	HANOVER BUILDING SYSTEMS, INC.
JIM BRENT 14550 BURNT WOODS ROAD GLENWOOD, MD 21738	GARAGE 24' x 50' x 12'
REV.	DATE 10/31/2011
SCALE A/N	ENG. NO. 2602

PERMIT SET

L 1173 F.50

Jim BREUT
14350 BURNWOODS RD
GLENWOOD, MO. 2173E

LOT 13
FILERSUE ESTATES
PLAT #8488

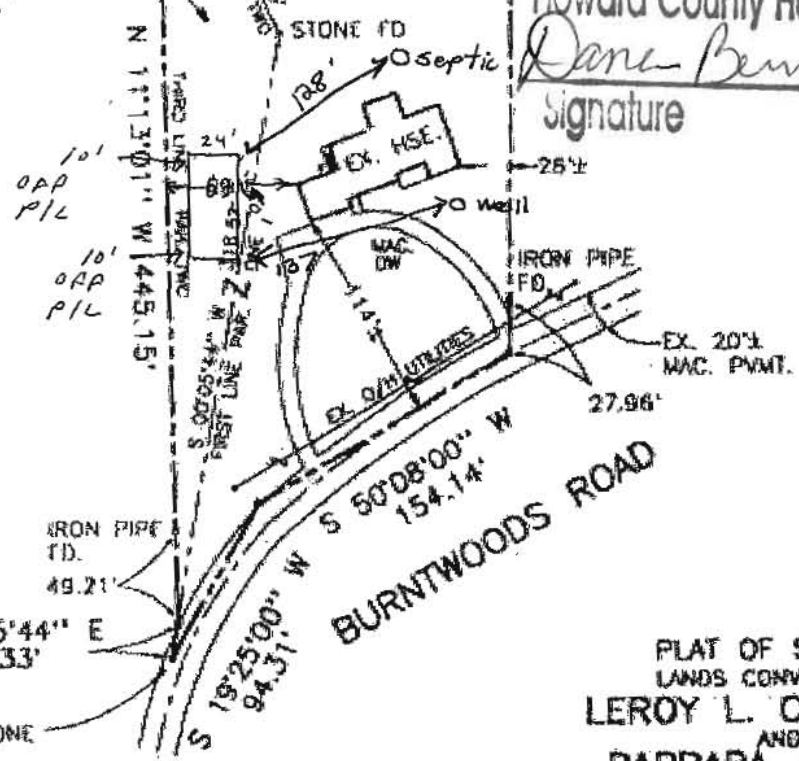
LERROY L. & BARBARA J.
COOK
L 1173 F.50
PARCEL ONE
104,548 S.F. OR
2.4001 AC±

VANCE W. & WINNIE P
WAYS
L 931 F.539

LERROY L. & BARBARA J.
COOK
L 1173 F.50
PARCEL TWO
13,821 S.F. OR
0.3173 AC±

Approved Septic System Plan
Howard County Health Department

Dane Bernard
Signature Date 11-26-17



PLAT OF SURVEY
LANDS CONVEYED TO
LERROY L. COOK, JR.
AND
BARBARA J. COOK
LIBER 1173 FOLIO 50
14350 BURNWOODS ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' APRIL, 1998

