

**VARIANCE FEES**

~~MGO \$50.00~~  
~~COMM \$490.00~~  
Priority - Double above

**PETITION FOR VARIANCE APPLICATION**

City of Madison  
Building Inspection  
Division  
215 Martin Luther King Jr. Blvd.  
Madison, WI 53703  
(608) 266-4568

Amount Paid 7/1/2016 FMR

Name of Owner <u>Peter Leonhard</u>	Project Description	Agent, architect, or engineering firm
Company (if applies)		No. & Street
No. & Street <u>1021 Bay Ridge Rd</u>	Tenant name (if any)	City, State, Zip Code
City, State, Zip Code <u>Madison WI 53718</u>	Building Address <u>1021 BAY RIDGE RD</u>	Phone
Phone <u>608 223-6748</u>		Name of Contact Person
e-mail <u>ishipete@yahoo.com</u>		e-mail

- The rule being petitioned reads as follows: (Cite the specific rule number and language. Also, indicate the nonconforming conditions for your project.)  
S/S 321.15(2) FOOTINGS FOR BUILDINGS ARE REQUIRED TO MEET THE CRITERIA OF THIS SECTION  
14 x 32 STORAGE SHED CAN NOT BE BUILT ON A CONCRETE SLAB OR CONCRETE FOUNDATION.
- The rule being petitioned cannot be entirely satisfied because:  
CAN NOT GET A CONCRETE TRUCK TO THE WORK SITE.
- The following alternatives and supporting information are proposed as a means of providing an equivalent degree of health, safety, and welfare as addressed by the rule:  
WILL BUILD THE SHED TO THE MANUFACTURERS SPECIFICATIONS ON A CONCRETE BLOCK FOUNDATION.

Note: Please attach any pictures, plans, or required position statements.

**VERIFICATION BY OWNER – PETITION IS VALID ONLY IF NOTARIZED AND ACCOMPANIED BY A REVIEW FEE AND ANY REQUIRED POSITION STATEMENTS.**

Note: Petitioner must be the owner of the building. Tenants, agents, contractors, attorneys, etc. may not sign the petition unless a Power of Attorney is submitted with the Petition for Variance Application.

\_\_\_\_\_, being duly sworn, I state as petitioner that I have read the foregoing petition, that I believe it to be true, and I have significant ownership rights in the subject building or project.

Signature of owner <u>Peter Leonhard</u>	Subscribed and sworn to before me this date: _____
Notary public	My commission expires: _____

**NOTE: ONLY VARIANCES FOR COMMERCIAL CODES ARE REQUIRED TO BE NOTARIZED.**

1021 BAY RIDGE RD

BLD NRC 2016 07673

**OLD HICKORY BUILDINGS, LLC**  
 P.O. BOX 331973  
 MURFREESBORO, TN 37133

**GENERAL NOTES:**

1. STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2012 INTERNATIONAL RESIDENTIAL CODE AND THE 2012 INTERNATIONAL BUILDING CODE.
2. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE ABOVE CODES AT THE TIME OF MANUFACTURE.
3. DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.
4. STRUCTURES ARE CLASSIFIED AS "MINOR STORAGE FACILITIES" (RISK CATEGORY I) AND SHOULD NOT BE USED FOR HUMAN HABITATION.
5. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT HAVE A 3 SECOND WIND GUST OF 105 MPH FOR RISK CATEGORY I STRUCTURES PER ASCE 7-10 FIGURE 26.5-1C. STRUCTURES SHOULD NOT BE USED IN OTHER LOCATIONS.
6. SIDING FASTENERS SHALL NOT BE INSTALLED IN PANEL SIDING GROOVES IN THE FIELD OF THE PANEL OR WHEN THE SIDING GROOVES OCCUR AT CUT EDGES OF THE SIDING PANEL.
7. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT ARE NOT IN FLOOD HAZARD AREAS. STRUCTURES SHOULD NOT BE USED IN OTHER LOCATIONS.
8. STRUCTURES ARE DESIGNED FOR LOCATIONS THAT HAVE A MAXIMUM GROUND SNOW LOAD OF 60 PSF AND A PARTIALLY EXPOSED TERRAIN CATEGORY. STRUCTURES SHOULD NOT BE USED IN SHELTERED TERRAIN LOCATIONS WHERE THE STRUCTURE IS TIGHT IN AMONG CONIFER TREES.
9. STRUCTURES SHOULD HAVE 25 YEAR RATED FIBERGLASS/ ASPHALT SHINGLES OR 29 GA METAL ROOFING OVER WOOD SHEATHING.

10. WOOD FRAMING SHALL COMPLY WITH THE ANSIAWC "NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION", 2012.
11. ALL ROOF DECKING IS TO BE 1/2" O.S.B.
12. ALL SIDING IS TO BE 1/2" or 5/8" TREATED T1-11 PLYWOOD.
13. ALL FLOOR JOISTS ARE TO BE PRESSURE TREATED SYP #2, OR BETTER.
14. ALL UN-TREATED WOOD FRAMING IS TO BE TO BE SPF #2 OR BETTER.
15. ALL EXTERIOR NAILS ARE TO BE ZINC COATED.
16. ALL FLOOR DECKING IS TO BE 3/4" OR 1" PLYWOOD.
17. ALL SKIDS ARE TO BE 4x6 PRESSURE TREATED, RATED FOR GROUND CONTACT.

**ITEMS BY OTHERS:**

THE FOLLOWING ITEMS ARE TO BE SUPPLIED AND INSTALLED BY OTHERS. THESE ITEMS MAY BE SUBJECT TO LOCAL JURISDICTION APPROVAL. OLD HICKORY BUILDINGS IS NOT RESPONSIBLE FOR THESE ITEMS.

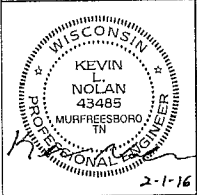
1. THE COMPLETE FOUNDATION AND TIE-DOWN SYSTEM
2. RAMPS, STAIRS, AND GENERAL ACCESS
3. ELECTRICAL SERVICE HOOKUP

**DESIGN CRITERIA:**

1. DESIGN LOADS ARE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2012 RISK CATEGORY I
  2. LIVE LOADS:  
 FLOOR: 40 PSF  
 LOFT: 5 PSF  
 ROOF: 20 PSF
  3. SNOW LOADS ARE BASED ON THE FOLLOWING:  
 GROUND SNOW LOAD, Pg = 60 PSF  
 FLAT ROOF SNOW LOAD, Pf = 40 PSF  
 EXPOSURE FACTOR, Ce = 1.0  
 IMPORTANCE FACTOR, I = 0.8  
 THERMAL FACTOR, Ci = 1.2
  4. WIND LOADS ARE BASED ON THE FOLLOWING:  
 DESIGN WIND SPEED: V = 105 MPH  
 RISK CATEGORY I  
 EXPOSURE CATEGORY B  
 INTERNAL PRESSURE COEFFICIENT:  
 Cpi = ±0.18  
 COMPONENTS & CLADDING:  
 ROOF-ZONE 1 = 10.0, -10.9 PSF  
 ROOF-ZONE 2 = 10.0, -19.0 PSF  
 ROOF-ZONE 3 = 10.0, -28.0 PSF  
 WALL-ZONE 4 = 11.9, -12.9 PSF  
 WALL-ZONE 5 = 11.9, -15.4 PSF
- NOTE: C&C WIND PRESSURES SHOWN ARE FOR A 10 SQUARE FOOT EFFECTIVE AREA (Ae) AND MAY BE REDUCED FOR LARGER AREAS AS ALLOWED BY CODE.

**PIERS (IF REQUIRED):**

1. PIERS ARE NOT REQUIRED WHEN THE SKIDS CAN BE SUPPORTED ON FIRM, LEVEL GROUND. PIERS ALONG INTERIOR SKIDS SHALL BE ORIENTED WITH THE LONG SIDE PERPENDICULAR TO THE SKID. PIERS ALONG THE OUTSIDE SKIDS OF 12' AND 14' WIDE BUILDINGS ARE PERMITTED TO BE ORIENTED WITH THE LONG SIDE PARALLEL TO THE SKID PROVIDED THAT THE PIERS ALONG THE INTERIOR SKID ARE ORIENTED PERPENDICULAR TO THE SKID.
2. PIERS SHALL TYPICALLY BE 8"x16" CONCRETE BLOCKS, DRY STACKED TO A MAXIMUM HEIGHT OF 3 FEET. CORNER PIERS OVER 16" TALL SHALL BE DOUBLE STACKED CONCRETE BLOCKS. TIE DOUBLE STACKED BLOCKS BY ALTERNATING THE DIRECTION OF BLOCKS ON EACH ROW. TREATED LUMBER WITH A MINIMUM BEARING AREA OF APPROXIMATELY 128 SQUARE INCHES MAY BE USED FOR PIERS LESS THAN 12" HIGH.
3. OLD HICKORY BUILDINGS IS NOT RESPONSIBLE FOR THE PREPARATION OF THE PROPOSED SITE OR DETERMINATION OF THE SITE'S SUITABILITY TO SUPPORT THE PROPOSED STRUCTURE. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO DETERMINE IF SITE CONDITIONS ARE SUITABLE TO SUPPORT THE STRUCTURE.
4. PIERS SHOWN ON SHEET S-1 ARE CONCEPTUAL AND MAY NOT REFLECT ACTUAL CONDITIONS. THE PIER LAYOUT MAY BE ADJUSTED AS NEEDED BASED ON SITE CONDITIONS, PROVIDED THAT THE MAXIMUM SPACING SHOWN IS NOT EXCEEDED.



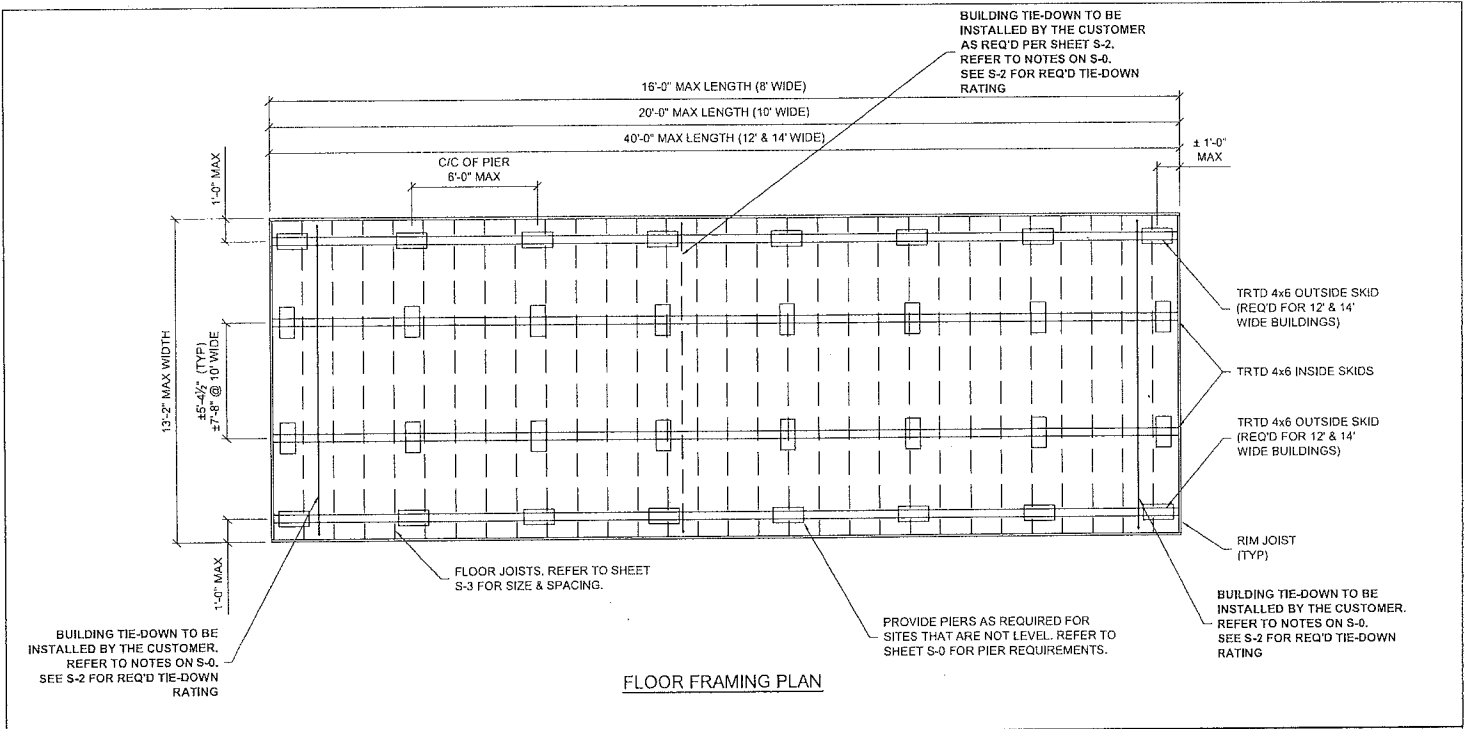
**LOFTED BARN--WISCONSIN--SNOW=60PSF--IBC 2012**



PROJECT NO:	
DATE:	02-01-2016
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER	
<b>S-0-LB</b>	
SCALE:	

2-1-16



# LOFTED BARN--WISCONSIN--SNOW=60PSF--IBC 2012



PROJECT NO:	
DATE:	02-01-2016
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

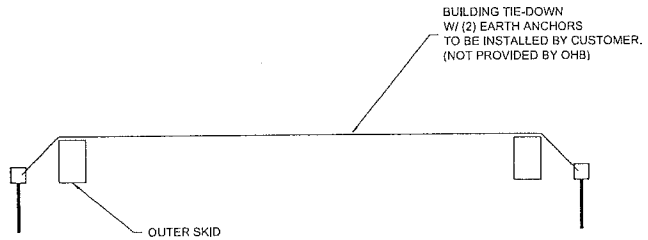
SHEET NUMBER	<b>S-1-LB</b>
SCALE:	NOT TO SCALE

**UPLIFT ANCHORAGE SCHEDULE**

BLDG LENGTH	8' WIDE BLDGS		10' WIDE BLDGS		12' WIDE BLDGS		14' WIDE BLDGS	
	NUMBER OF TIE-DOWNS	REQ'D ANCHOR CAPACITY	NUMBER OF TIE-DOWNS	REQ'D ANCHOR CAPACITY	NUMBER OF TIE-DOWNS	REQ'D ANCHOR CAPACITY	NUMBER OF TIE-DOWNS	REQ'D ANCHOR CAPACITY
10'-0"	2	350#	2	300#	-	-	-	-
12'-0"	2	400#	2	350#	-	-	-	-
14'-0"	2	450#	2	400#	-	-	-	-
16'-0"	2	500#	2	400#	2	300#	-	-
18'-0"	-	-	3	300#	2	350#	-	-
20'-0"	-	-	3	350#	2	350#	2	300#
22'-0"	-	-	-	-	2	400#	2	300#
24'-0"	-	-	-	-	2	450#	2	350#
26'-0"	-	-	-	-	2	500#	2	400#
28'-0"	-	-	-	-	2	500#	2	400#
30'-0"	-	-	-	-	3	400#	3	300#
32'-0"	-	-	-	-	3	400#	3	300#
34'-0"	-	-	-	-	3	450#	3	350#
36'-0"	-	-	-	-	3	450#	3	350#
38'-0"	-	-	-	-	3	500#	3	350#
40'-0"	-	-	-	-	3	500#	3	400#

**NOTES:**

- 1) TIE-DOWNS AND EARTH ANCHORS ARE TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER. OLD HICKORY BUILDINGS IS NOT RESPONSIBLE FOR THE TIE-DOWN SYSTEM. REFER TO NOTE SHEET S-0.
- 2) THE SCHEDULE INDICATES THE RECOMMENDED NUMBER OF BUILDING TIE-DOWNS TO BE INSTALLED BY THE CUSTOMER. EACH TIE-DOWN HAS TWO EARTH ANCHORS. EACH EARTH ANCHOR IS TO BE RATED FOR AT LEAST THE CAPACITY SHOWN IN THE SCHEDULE.
- 3) AT A MINIMUM, PROVIDE A TIE-DOWN NEAR EACH END OF THE BUILDING. REMAINING TIE-DOWNS (IF REQUIRED) SHOULD BE EVENLY SPACED ALONG THE ENTIRE LENGTH OF BUILDING.

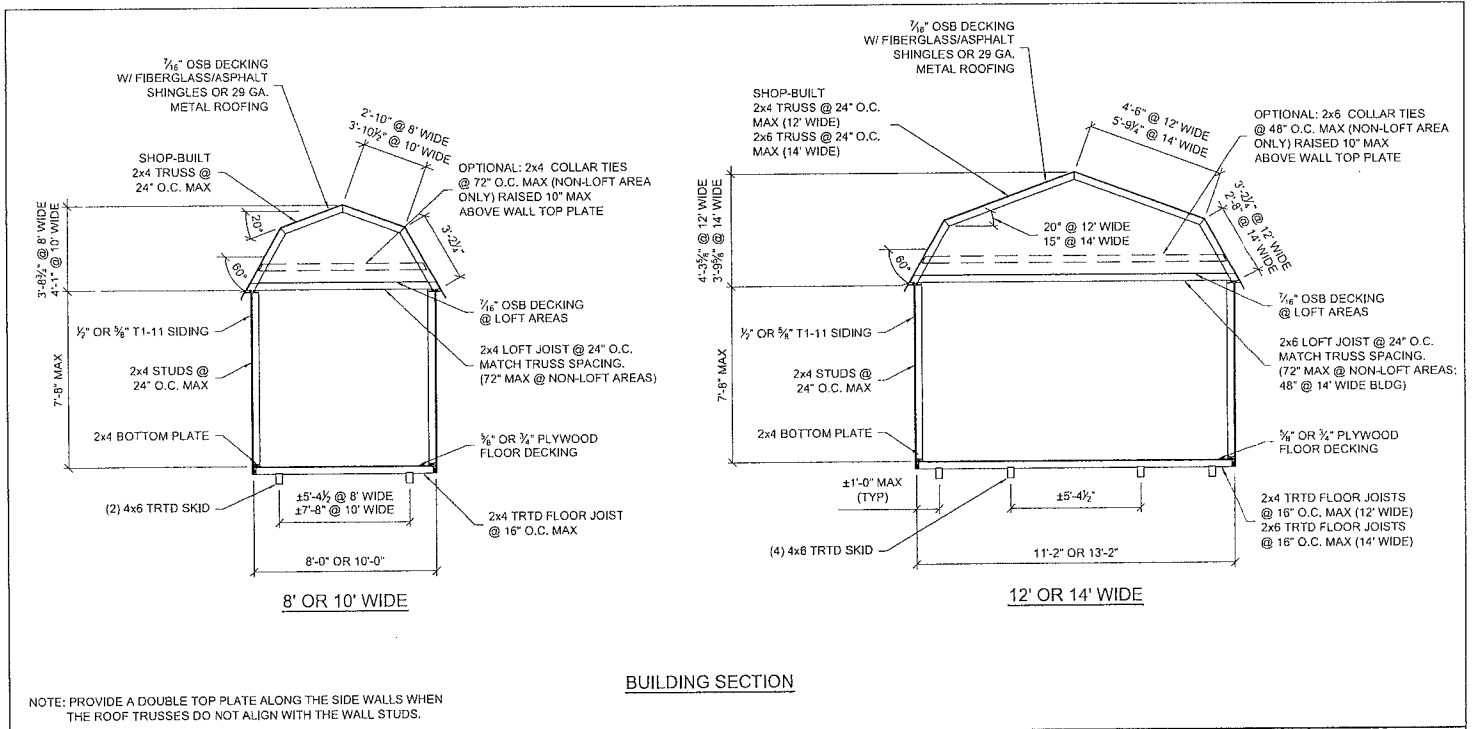


# LOFTED BARN--WISCONSIN--SNOW=60PSF--IBC 2012



PROJECT NO:		SHEET NUMBER
DATE:	02-01-2016	<b>S-2-LB</b>
DRAWN BY:	KLN	
CHECKED BY:	KLN	
REVISION:		
		SCALE: NONE

2-1-16



BUILDING SECTION

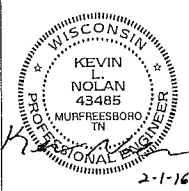
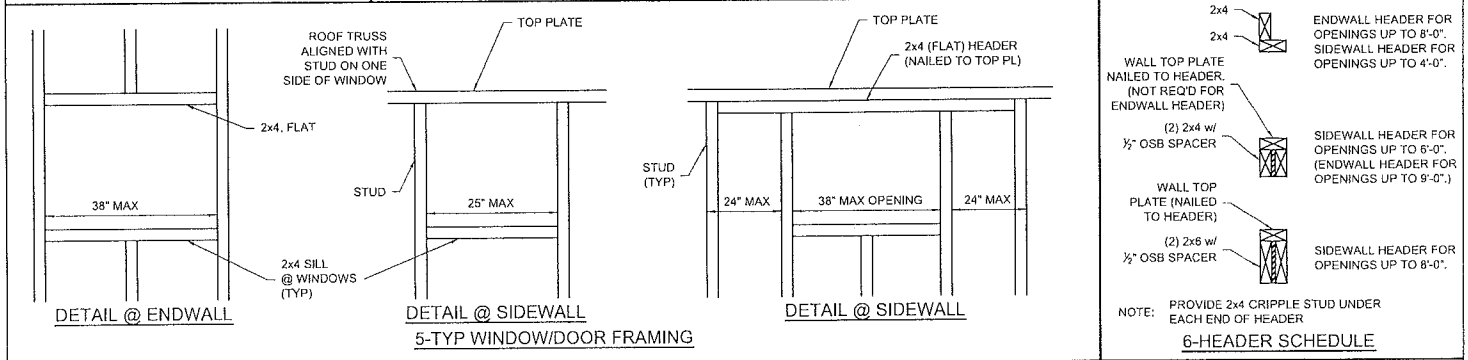
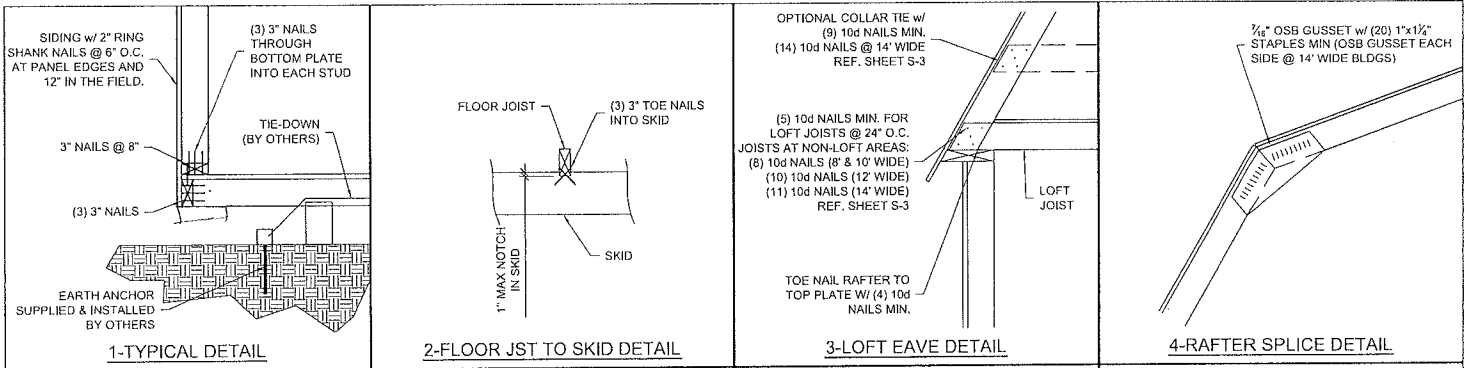
NOTE: PROVIDE A DOUBLE TOP PLATE ALONG THE SIDE WALLS WHEN THE ROOF TRUSSES DO NOT ALIGN WITH THE WALL STUDS.

# LOFTED BARN--WISCONSIN--SNOW=60PSF--IBC 2012



PROJECT NO:	
DATE:	02-01-2016
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER	<b>S-3-LB</b>
SCALE:	NOT TO SCALE



# LOFTED BARN--WISCONSIN--SNOW=60PSF--IBC 2012



PROJECT NO:	
DATE:	02-01-2016
DRAWN BY:	KLN
CHECKED BY:	KLN
REVISION:	

SHEET NUMBER	<b>S-4-LB</b>
SCALE:	1"=1'-0"