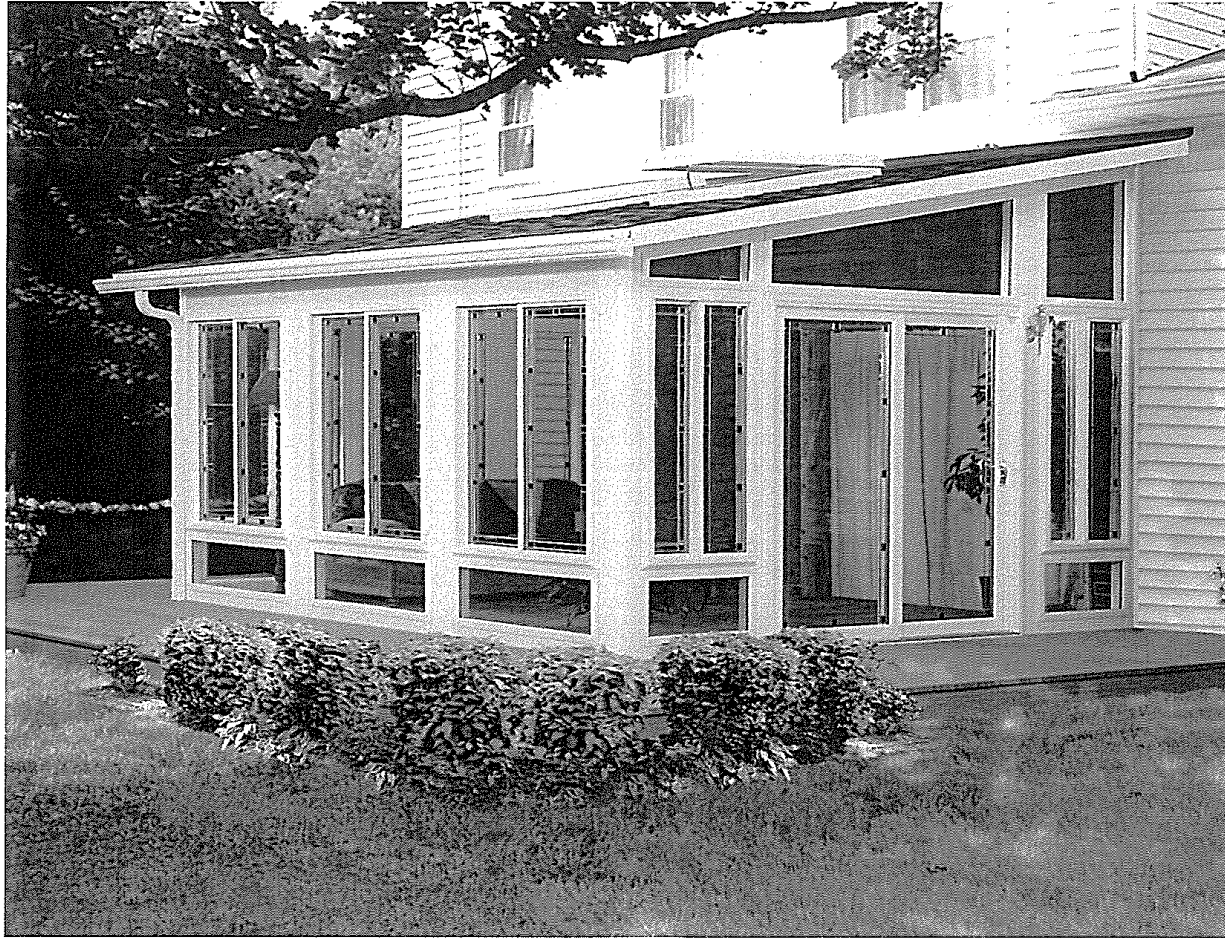


DREAMSPACE[®] 3200



ENGINEERING PACKAGE

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LIVINGSTON GROUP LTD
100 PINE STREET
DELMAR, PA 19823 215-348-8800

THERMAL INDUSTRIES, INC.
3700 HANEY COURT * MURRYSVILLE * PENNSYLVANIA 15668
724-755-5880 FAX 724-327-8517

DREAMSPACE[®]
PATIO ENCLOSURES
Make Your Dreams Come Alive!

DREAMSPACE 3200
3.00" ENCLOSURE
COVER

DATE: 08/06/2010
JOB NO.: DS-3200
DRAWN BY: BVK
DWG. NO.:
COVER

NOTES AND SPECIFICATIONS

GENERAL:

Thermal Industries, Inc., the manufacturer of Dreamspace® Patio Enclosures and Sunrooms, has utilized their 50 years of experience, research and design in the vinyl window industry to develop one of the most functional and attractive Patio Enclosure and Sunroom Systems in today's market. As a Charter Member of the National Sunroom Association, Thermal Industries is on the forefront of market and product innovations. Constant product development and modification is integrated into the most current manufacturing technology by a highly-trained and knowledgeable workforce. Dreamspace® Patio Enclosures are built to meet or exceed the 2009 International Codes™ structurally. The windows used in the sunrooms meet or exceed the American Architectural Manufacturing Association, National Fenestration Rating Council and ENERGY STAR® standards or requirements.

Patio covers, enclosure and sunroom systems are attached to the primary home.

DESIGN LOADS:

- 1) The bearing system aluminum extrusions have been designed for load combinations required by code, (See Tables A thru F. When using tables to determine maximum enclosure projection use the smaller of either Load Bearing Wall Tables or Roof Panel Spans Table)
- 2) Patio covers shall be designed and constructed to sustain, within the stress limits of the International Building Code all dead loads plus a minimum vertical live load of 10 pounds per square foot except that snow loads shall be used where such snow loads exceed this minimum. Such patio covers shall be designed to resist the minimum wind and seismic loads set forth in the IBC.

FASTENERS:

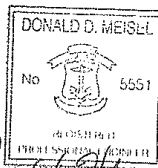
- 3) Screws as detailed shall be stainless steel, zinc plated, galvanized steel or 2024-T4 aluminum.
- 4) Expansion anchors shall be "Red Head Trubolt" anchors or equivalent per International Code Council Evaluation Service Inc. Report no. ESR 2251. The 1/4" diameter anchors shall have a minimum allowable tension value, (in concrete), of 565 pounds, allowable shear value of 550 pounds and shall have at least 3 inches between fasteners in concrete

STRENGTH OF MATERIALS:

- 5) All existing wood is to have a minimum specific gravity value of 0.49.
- 6) All existing concrete, (standard stone aggregate), is to have a minimum compressive value of 3000 psi @ 28 days.
- 7) All structural components of this enclosure system, (except solid panels), are of alloy and temper 6063-T6 unless specifically noted otherwise.
- 8) Typical composite roof panels shall include alloy 3105-H154 or H254 aluminum skins with 1.5#/cu.ft. expanded polystyrene core for 3" and 1#/cu.ft. expanded polystyrene core for 6".
- 9) The solid wall panels shown shall comply with local building codes. All exterior portions of the solid wall panel, which are subject to water intrusion, shall be fully sealed.
- 10) Where the roof panel span is parallel to the existing wall of the residence, the adequacy of the existing wall support structure, (studs, headers, beams, etc.) shall be verified by an independent source for the attachment of the ridge beam. The adequacy of the existing framing is not a part of this design or approval.

MISCELLANEOUS:

- 11) All aluminum in contact with dissimilar materials shall be protected using appropriate approved materials or coatings.
- 12) All window and doors within the DREAMSPACE® Patio Enclosure System have been tested in accordance to American Architectural Manufacturing Association (AAMA) and National Fenestration Rating Council. All fenestration products shall conform to the requirements of local building codes.
- 13) For areas that have a frost depth of zero, patio enclosures can be attached to a concrete slab in good condition with a minimum thickness of 3-1/2 inches as long as any column load does not exceed 750 pounds. All other areas, shall have a footer designed that meets local building codes.
- 14) Enclosures or sunrooms shall maintain thermal isolation from the existing structure.



Donald D. Meisel
12-28-10

MEETS 2009 International Residential Code with Rhode Island State Amendments (RISBC-2-2010)

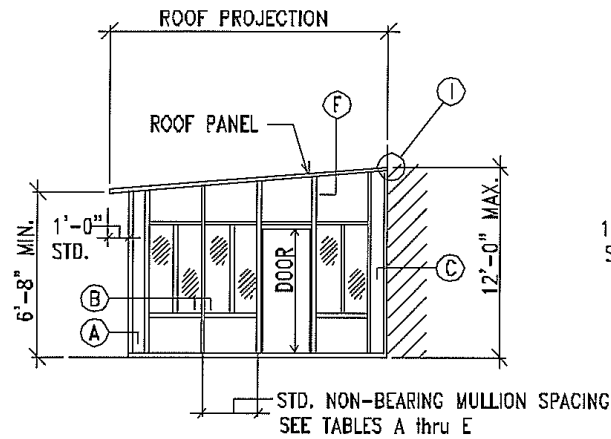
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CRAWFORD, PA 19023 215-928-8800

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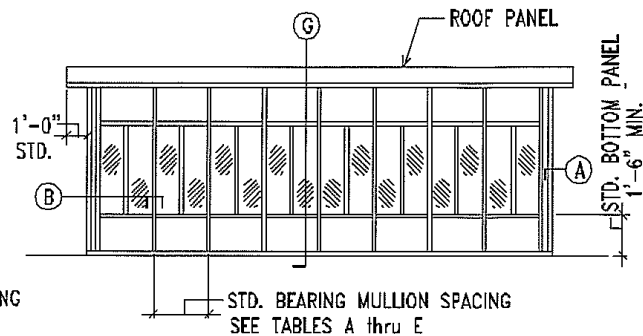
DREAMSPACE®
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3.00" ENCLOSURE
SPECIFICATIONS

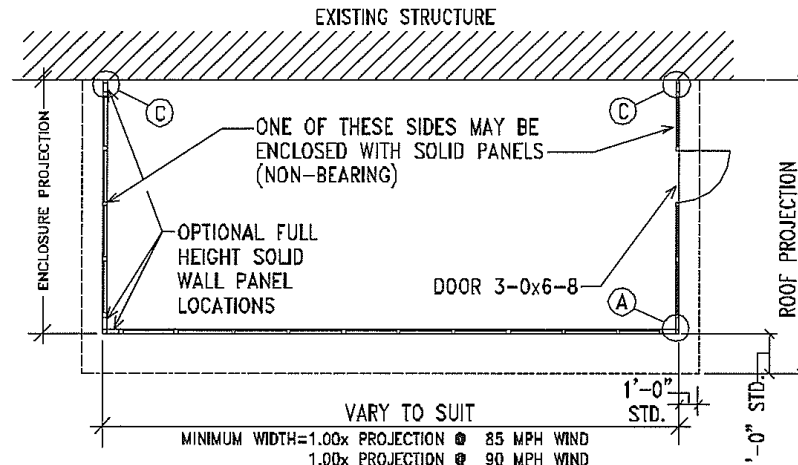
DATE: 12/15/2010
JOB NO.: DS-3200
DRAWN BY: BVK
DWG. NO.:
Specif
1 OF 18



**MARQUE (LEAN-TO)
ENCLOSURE END WALL ELEVATION**
NON-LOAD BEARING

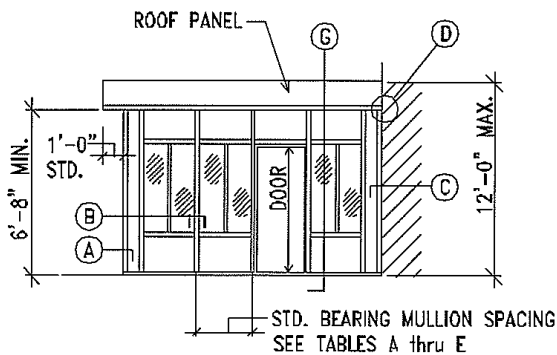


**MARQUE (LEAN-TO)
ENCLOSURE FRONT WALL ELEVATION**
LOAD BEARING

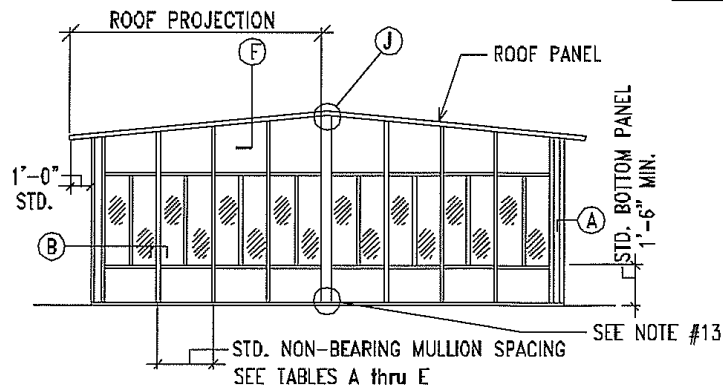


- VARY TO SUIT
- MINIMUM WIDTH=1.00x PROJECTION @ 85 MPH WIND
 - 1.00x PROJECTION @ 90 MPH WIND
 - 1.00x PROJECTION @ 100 MPH WIND
 - 1.25x PROJECTION @ 110 MPH WIND
 - 1.50x PROJECTION @ 120 MPH WIND
 - 1.75x PROJECTION @ 130 MPH WIND
 - 2.00x PROJECTION @ 140 MPH WIND

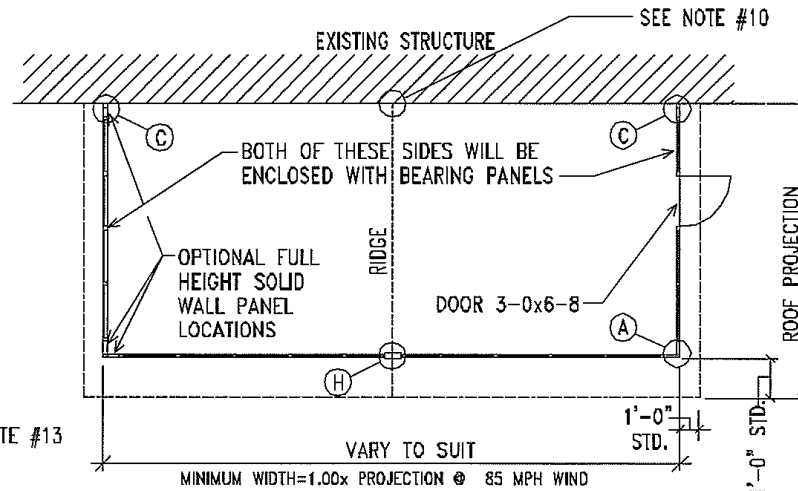
TYPICAL MARQUE (LEAN-TO) ENCLOSURE PLAN



**CATHEDRAL (GABLE)
ENCLOSURE PROJECTION WALL ELEVATION**
LOAD BEARING

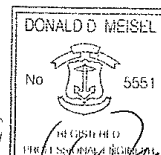


**CATHEDRAL (GABLE)
ENCLOSURE FRONT WALL ELEVATION**
NON-LOAD BEARING



- VARY TO SUIT
- MINIMUM WIDTH=1.00x PROJECTION @ 85 MPH WIND
 - 1.00x PROJECTION @ 90 MPH WIND
 - 1.00x PROJECTION @ 100 MPH WIND
 - 1.25x PROJECTION @ 110 MPH WIND
 - 1.50x PROJECTION @ 120 MPH WIND
 - 1.75x PROJECTION @ 130 MPH WIND
 - 2.00x PROJECTION @ 140 MPH WIND

TYPICAL CATHEDRAL (GABLE) ENCLOSURE PLAN



NOTE:
ALL SECTIONS & DETAILS REFERENCED
HERE ARE SHOWN ON SHEET 3-SS
SEE NOTES #1 & 2

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**DREAMSPACE 3200
3.00" ENCLOSURE
SECTION DETAILS**

DATE: 08/12/2010
JOB NO.: DS-3200
DRAWN BY: BVK
DWR. NO.:
Sheet 1
2 OF 18

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LIVINGSTON GROUP, LTD.
100 PINE STREET
DALLAS, TX 75248 214-941-8830

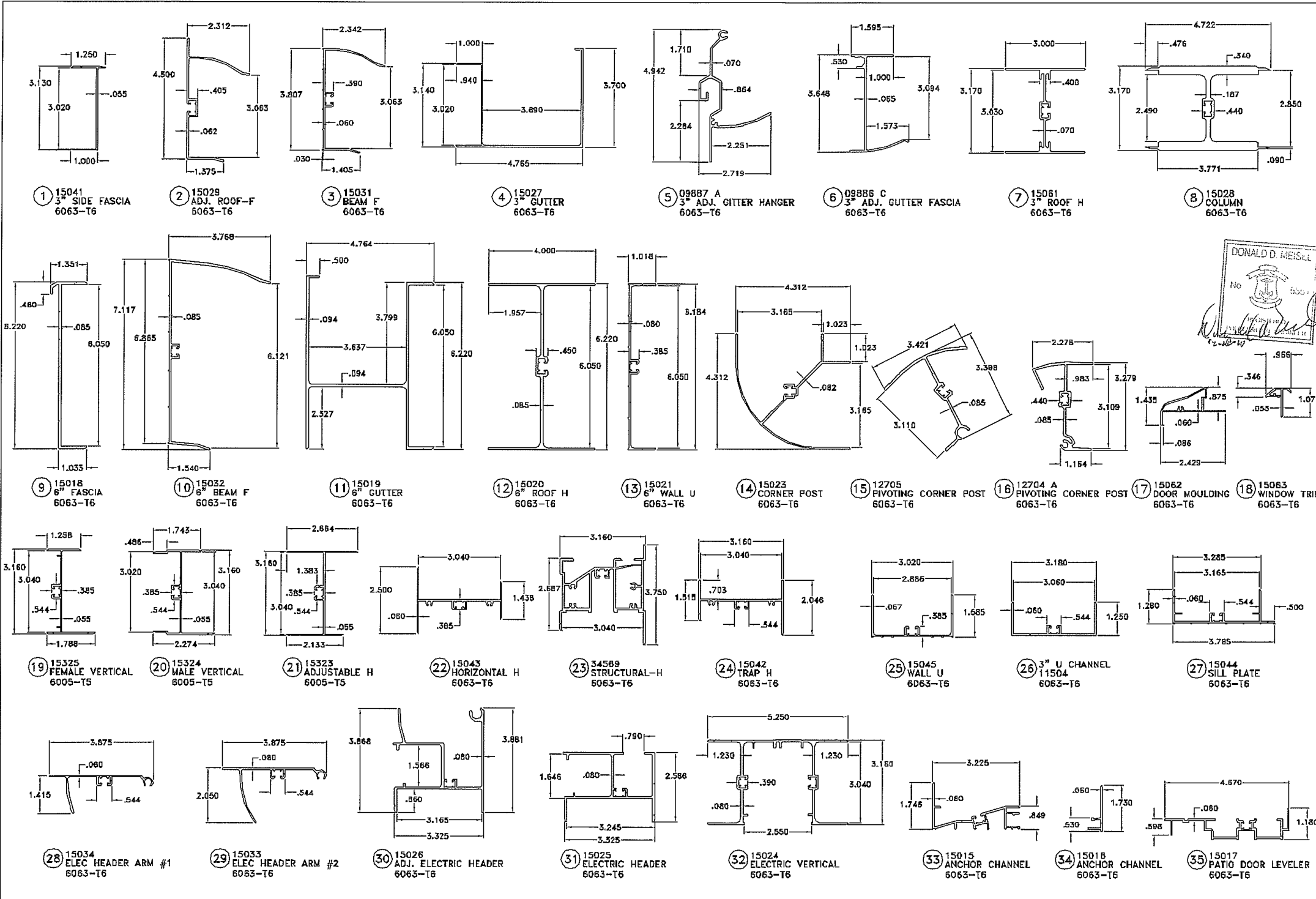
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SECTION DETAILS

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DWG. NO.:

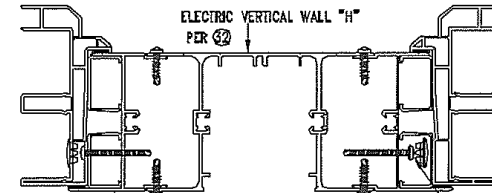
SHEET 2
3 OF 18



6 INCH ROOF - #14x8" SMS / 3 INCH ROOF - #14x4" SMS
WITH 1 1/2" O.D. GALVANIZED STEEL
BONDED SEALING WASHER - SPACED @
12" O.C. FOR 85, 90, AND 100 MPH
6" O.C. FOR 110, 120, 130, AND 140 MPH

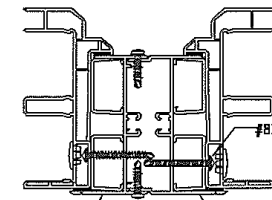
WALL CROSS SECTIONS

3 INCH AND 6 INCH ROOF PANELS AVAILABLE
(3 INCH SHOWN)
6 INCH ROOF - #14x8" SMS / 3 INCH ROOF - #14x4" SMS
WITH 1 1/2" O.D. GALVANIZED STEEL
BONDED SEALING WASHER - SPACED @
12" O.C. FOR 85, 90, AND 100 MPH
6" O.C. FOR 110, 120, 130, AND 140 MPH



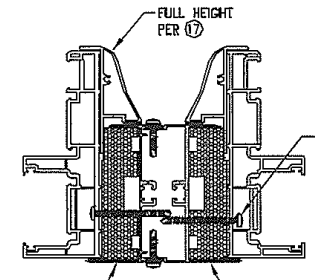
2 - #8 X 3/4 TEK SCREWS
EACH SIDE OF MULLION

CHASE WAY WALL MULLIONS (B1)



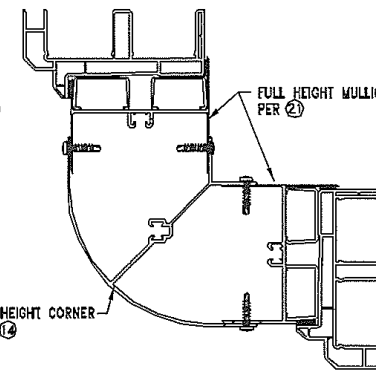
FULL HEIGHT MULLION PER 19

WINDOW WALL MULLIONS (B2)



FULL HEIGHT MULLION PER 19

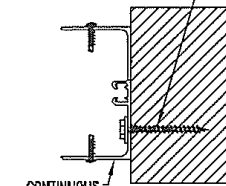
SLIDING DOOR WALL MULLIONS (B3)



FULL HEIGHT CORNER PER 14

CORNER (A)

1 - 1/4" LAG SCREW @
12" O.C. TO PENETRATE
SOLID WOOD 2" MINIMUM



U-SECTION WALL LINER (C)
HOUSE

CONTINUOUS PANEL GUTTER
W/#8 SMS @ 12" O.C. TOP &
BOTTOM TO ROOF PANEL
SEE 3 FOR 3 INCH
SEE 9 FOR 6 INCH

ELECTRIC HEADER WITH ADJUSTABLE ARM
SEE 21 22 23

EXPANDER SHALL BEAR FIRMLY
ON MULLION SECTION PRIOR
TO INSTALLATION OF FASTENERS

WALL H SECTION SEE 15

FOR CONCRETE USE 1/4" EXPANSION ANCHORS
FOR WOOD USE 1/4" x 2 1/2" LAG SCREWS
(2) 1/4" ANCHORS 85 & 90 MPH
(4) 1/4" ANCHORS 100 THRU 140 MPH
LOCATE ANCHORS 2 1/4" EA.
SIDE OF MULLION. SEE NOTE #10
AND 16" O.C. BETWEEN MULLIONS

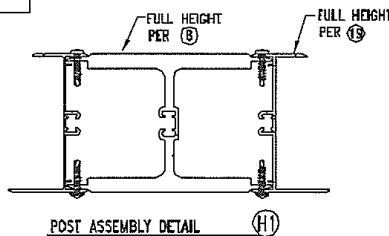
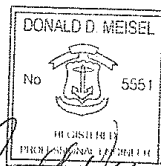
BASE EXPANDER SEE 26

BASE EXPANDER SPLICE
TO BE 8" MINIMUM
FROM VERTICAL MULLION

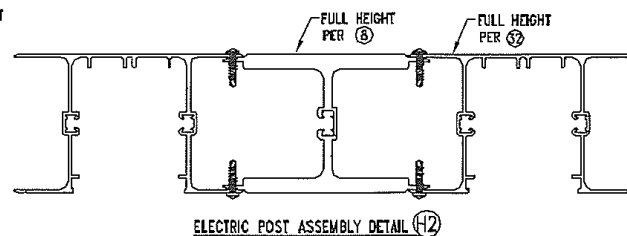
EXIST. OR NEW CONCRETE
SLAB IN GOOD CONDITION.
BUILDING PLATFORM
SUPPORTED BY
FOUNDATION FOOTER, OR
PIER TO LOCAL CODE.

SILLPLATE TO BE ANCHORED TO
FOOTER THROUGH KNEEWALL.

NOTE:
ALL FASTENERS NOT SPECIFIED TO BE #8 X 3/4 SMS
SPACED AT 24" O.C.



POST ASSEMBLY DETAIL (H1)



ELECTRIC POST ASSEMBLY DETAIL (H2)

CONTINUOUS PANEL GUTTER
W/#8 SMS @ 12" O.C. TOP &
BOTTOM TO ROOF PANEL
SEE 3 FOR 3 INCH
SEE 9 FOR 6 INCH

TOP TRACK EXPANDER
SEE 2

5-PLY HEADER PANEL
STANDARD ABOVE SLIDING DOORS

WALL H SECTION SEE 15

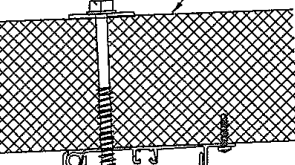
FOR CONCRETE USE 1/4" EXPANSION ANCHORS
FOR WOOD USE 1/4" x 2 1/2" LAG SCREWS
(2) 1/4" ANCHORS 85 & 90 MPH
(4) 1/4" ANCHORS 100 THRU 140 MPH
LOCATE ANCHORS 2 1/4" EA.
SIDE OF MULLION. SEE NOTE #10
AND 16" O.C. BETWEEN MULLIONS

BASE EXPANDER SEE 26 27

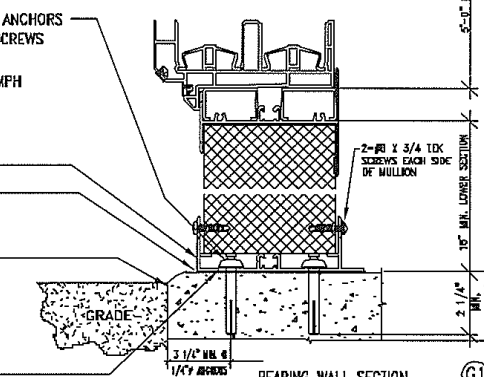
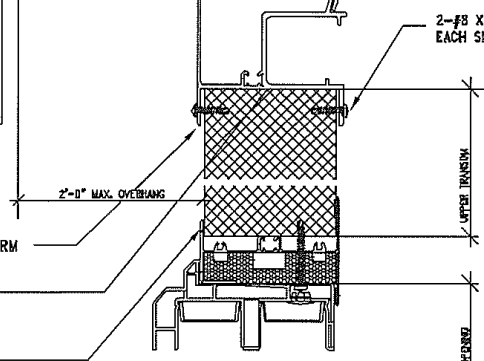
BASE EXPANDER SPLICE
TO BE 8" MINIMUM
FROM VERTICAL MULLION

EXIST. OR NEW WOOD
FRAME IN GOOD CONDITION
DESIGN FOR FRAME SUPPORT TO BE
BY OTHERS TO MEET THE LOCAL
BUILDING CODES & ALL ENCLOSURE
LOADS TRANSFER THROUGH.

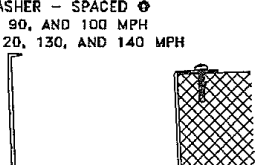
SUPPORT FOR DOOR.



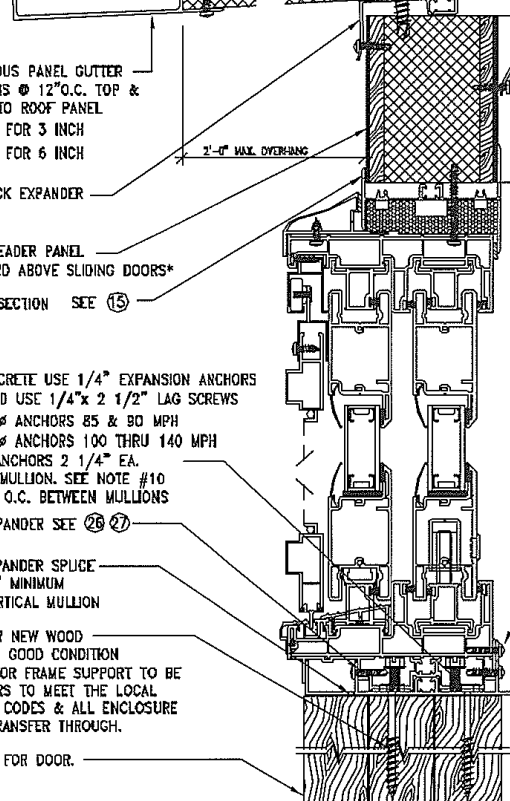
2 - #8 X 3/4 TEK SCREWS
EACH SIDE OF MULLION



BEARING WALL SECTION (G1)



2" MAX. OVERHANG



BEARING WALL SECTION (G2)

HEIGHT VARIOUS SEE TABLES ON DRAWING NO. 3-54

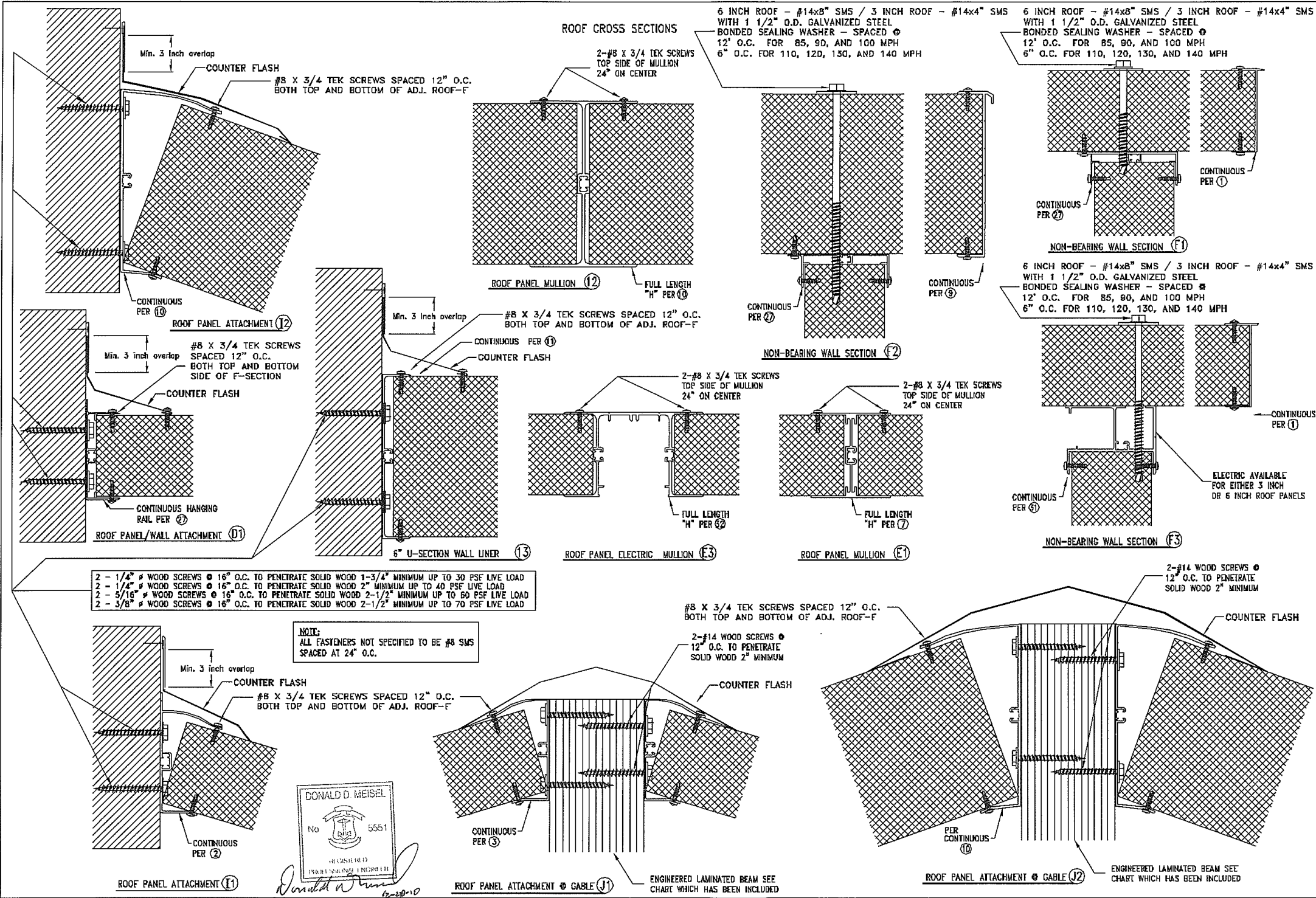
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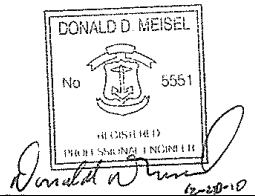
 DREAMSPACE 3200
 3.00" ENCLOSURE
 SECTION DETAILS

 DATE: 08/12/2010
 JOB NO.: DS-3200
 DRAWN BY: BVK
 DWS, NO. 2
 Sheet_3
 4 OF 18



- 2 - 1/4" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 1-3/4" MINIMUM UP TO 30 PSF LIVE LOAD
- 2 - 1/4" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 2" MINIMUM UP TO 40 PSF LIVE LOAD
- 2 - 5/16" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 2-1/2" MINIMUM UP TO 50 PSF LIVE LOAD
- 2 - 3/8" # WOOD SCREWS @ 16" O.C. TO PENETRATE SOLID WOOD 2-1/2" MINIMUM UP TO 70 PSF LIVE LOAD

NOTE:
ALL FASTENERS NOT SPECIFIED TO BE #8 SMS SPACED AT 24" O.C.



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DUNPHY, PA 19028 215-991-8989

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DREAMSPACE
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DREAMSPACE 3200
3.00' ENCLOSURE
SECTION DETAILS

DATE: 08/12/2010
JOB NO.: DS-3200
DRAWN BY: BVK
DWG. NO.:

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-20S"

20 PSF SNOW LOAD

**CHARTS ARE FOR
STANDARD HEADER**

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	14'-0"	12'-11"	11'-10"	10'-7"
	88"	14'-0"	12'-11"	11'-10"	10'-7"
	96"	14'-0"	12'-11"	11'-10"	10'-7"
	108"	14'-0"	12'-11"	11'-10"	10'-7"
72" C/C	84"	9'-4"	8'-3"	7'-1"	-'-"
	88"	9'-4"	8'-3"	7'-1"	-'-"
	96"	9'-4"	8'-3"	7'-1"	-'-"
	108"	9'-4"	8'-3"	7'-1"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	13'-4"	12'-4"	11'-2"	10'-0"
	88"	13'-4"	12'-4"	11'-2"	10'-0"
	96"	13'-4"	12'-4"	11'-2"	10'-0"
	108"	13'-4"	12'-4"	11'-2"	10'-0"
72" C/C	84"	8'-11"	7'-10"	6'-8"	-'-"
	88"	8'-11"	7'-10"	6'-8"	-'-"
	96"	8'-11"	7'-10"	6'-8"	-'-"
	108"	8'-11"	7'-10"	6'-8"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	16'-8"	15'-7"	14'-6"	13'-4"
	88"	16'-8"	15'-7"	14'-6"	13'-4"
	96"	16'-8"	15'-7"	14'-6"	13'-4"
	108"	16'-8"	15'-7"	14'-6"	13'-4"
60" C/C	84"	10'-3"	9'-2"	8'-0"	6'-8"
	88"	10'-3"	9'-2"	8'-0"	6'-8"
	96"	10'-3"	9'-2"	8'-0"	6'-8"
	108"	10'-3"	9'-2"	8'-0"	6'-8"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	13'-2"	12'-2"	11'-0"	9'-10"
	88"	13'-2"	12'-2"	11'-0"	9'-10"
	96"	13'-2"	12'-2"	11'-0"	9'-10"
	108"	13'-2"	12'-2"	11'-0"	9'-10"
60" C/C	84"	8'-1"	6'-11"	-'-"	-'-"
	88"	8'-1"	6'-11"	-'-"	-'-"
	96"	8'-1"	6'-11"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	18'-8"	17'-7"	16'-6"
	96"	19'-6"	18'-8"	17'-7"	16'-6"
	108"	19'-6"	18'-8"	17'-7"	16'-6"
48" C/C	84"	10'-8"	9'-7"	8'-5"	7'-1"
	88"	10'-8"	9'-7"	8'-5"	7'-1"
	96"	10'-8"	9'-7"	8'-5"	7'-1"
	108"	8'-5"	7'-3"	6'-1"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	16'-5"	15'-5"	14'-4"	13'-2"
	88"	16'-5"	15'-5"	14'-4"	13'-2"
	96"	16'-5"	15'-5"	14'-4"	13'-2"
	108"	16'-5"	15'-5"	14'-4"	13'-2"
48" C/C	84"	8'-9"	7'-8"	6'-5"	-'-"
	88"	8'-9"	7'-8"	6'-5"	-'-"
	96"	8'-9"	7'-8"	6'-5"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-11"	12'-10"	11'-9"	10'-7"
	88"	13'-11"	12'-10"	11'-9"	10'-7"
	96"	13'-11"	12'-10"	11'-9"	10'-7"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	7'-4"	6'-3"	-'-"	-'-"
	88"	7'-4"	6'-3"	-'-"	-'-"
	96"	7'-4"	6'-3"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

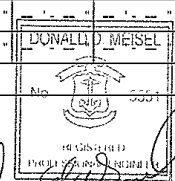
DONALD WEISEL, P.E.
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**DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS**

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-20
6 OF 18



**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-20E"

20 PSF SNOW LOAD

**CHARTS ARE FOR
ENHANCED HEADER**

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	14'-0"	12'-11"	11'-10"	10'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
72" C/C	84"	9'-4"	8'-3"	7'-1"	-'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	14'-11"	13'-10"	12'-9"	11'-7"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	14'-0"	12'-11"	11'-10"	10'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	17'-6"
72" C/C	84"	9'-4"	8'-3"	7'-1"	-'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	11'-5"	10'-4"	9'-2"	7'-11"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	19'-6"	18'-11"	17'-10"	16'-8"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	12'-4"	11'-4"	10'-2"	8'-11"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	12'-9"	11'-8"	10'-7"	9'-4"
72" C/C	84"	8'-3"	7'-2"	-'-0"	-'-0"
	88"	19'-6"	19'-0"	18'-4"	17'-2"
	96"	14'-7"	13'-6"	12'-5"	11'-3"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-10"	14'-10"	13'-8"	12'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	17'-8"	16'-8"	15'-6"	14'-5"
60" C/C	84"	9'-9"	8'-8"	7'-6"	6'-2"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	17'-3"	16'-3"	15'-1"	14'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	14'-9"	13'-8"	12'-7"	11'-5"
	96"	8'-3"	7'-2"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	12'-10"	11'-9"	10'-7"	9'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	8'-5"	7'-3"	6'-1"	-'-0"
60" C/C	84"	7'-10"	6'-8"	-'-0"	-'-0"
	88"	17'-11"	16'-10"	15'-9"	14'-8"
	96"	10'-2"	9'-1"	7'-11"	6'-7"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	8'-10"	7'-9"	6'-6"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-3"	17'-2"
48" C/C	84"	10'-7"	9'-6"	8'-4"	7'-1"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	16'-2"	15'-1"	14'-0"	12'-10"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	11'-9"	10'-8"	9'-6"	8'-3"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	16'-8"	15'-8"	14'-7"	13'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	8'-11"	7'-10"	6'-7"	-'-0"
	88"	18'-8"	17'-8"	16'-7"	15'-5"
	96"	8'-7"	7'-6"	6'-3"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

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**DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS**

Date: 08/12/2010

JOB NO.: DS3200

BY: BVK

FILE NAME:
DS3200_A-20
7 OF 18

Professional Engineer Seal for Donald D. Meisel, No. 3554, State of Pennsylvania, expires 12-28-10.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-30S"

30 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	15'-1"	14'-0"	12'-11"	11'-9"
	96"	15'-1"	14'-0"	12'-11"	11'-9"
	108"	15'-1"	14'-0"	12'-11"	11'-9"
60" C/C	84"	9'-3"	8'-2"	7'-0"	-'-0"
	88"	9'-3"	8'-2"	7'-0"	-'-0"
	96"	9'-3"	8'-2"	7'-0"	-'-0"
	108"	9'-3"	8'-2"	7'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	15'-1"	14'-0"	12'-11"	11'-9"
	96"	15'-1"	14'-0"	12'-11"	11'-9"
	108"	15'-1"	14'-0"	12'-11"	11'-9"
60" C/C	84"	9'-3"	8'-2"	7'-0"	-'-0"
	88"	9'-3"	8'-2"	7'-0"	-'-0"
	96"	9'-3"	8'-2"	7'-0"	-'-0"
	108"	9'-3"	8'-2"	7'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	15'-1"	14'-0"	12'-11"	11'-9"
	96"	15'-1"	14'-0"	12'-11"	11'-9"
	108"	15'-1"	14'-0"	12'-11"	11'-9"
60" C/C	84"	9'-3"	8'-2"	7'-0"	-'-0"
	88"	9'-3"	8'-2"	7'-0"	-'-0"
	96"	9'-3"	8'-2"	7'-0"	-'-0"
	108"	8'-5"	7'-4"	6'-1"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	13'-2"	12'-2"	11'-0"	9'-10"
	88"	13'-2"	12'-2"	11'-0"	9'-10"
	96"	13'-2"	12'-2"	11'-0"	9'-10"
	108"	11'-10"	10'-9"	9'-7"	8'-4"
60" C/C	84"	8'-1"	6'-11"	-'-0"	-'-0"
	88"	8'-1"	6'-11"	-'-0"	-'-0"
	96"	8'-1"	6'-11"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	18'-8"	17'-7"	16'-6"
	96"	19'-6"	18'-8"	17'-7"	16'-6"
	108"	19'-6"	18'-8"	17'-7"	16'-6"
48" C/C	84"	10'-8"	9'-7"	8'-5"	7'-1"
	88"	10'-8"	9'-7"	8'-5"	7'-1"
	96"	10'-8"	9'-7"	8'-5"	7'-1"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	16'-5"	15'-5"	14'-4"	13'-2"
	88"	16'-5"	15'-5"	14'-4"	13'-2"
	96"	16'-5"	15'-5"	14'-4"	13'-2"
	108"	13'-8"	12'-7"	11'-6"	10'-3"
48" C/C	84"	8'-9"	7'-8"	6'-5"	-'-0"
	88"	8'-9"	7'-8"	6'-5"	-'-0"
	96"	8'-9"	7'-8"	6'-5"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-11"	12'-10"	11'-9"	10'-7"
	88"	13'-11"	12'-10"	11'-9"	10'-7"
	96"	13'-11"	12'-10"	11'-9"	10'-7"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
48" C/C	84"	7'-4"	6'-3"	-'-0"	-'-0"
	88"	7'-4"	6'-3"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

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DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-30
8 OF 18

NO 5551
DONALD MEISEL
Professional Engineer
PA 08/12/2010

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-30E"

30 PSF SNOW LOAD

**CHARTS ARE FOR
ENHANCED HEADER**

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	9'-3"	8'-2"	7'-0"	--'---"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	16'-6"	15'-6"	14'-5"	13'-3"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	15'-3"	14'-2"	13'-1"	11'-11"
	96"	16'-0"	14'-11"	13'-10"	12'-8"
	108"	9'-11"	8'-10"	7'-8"	6'-4"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
60" C/C	84"	9'-3"	8'-2"	7'-0"	--'---"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	17'-9"
	108"	13'-11"	12'-10"	11'-9"	10'-7"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	15'-3"	14'-2"	13'-1"	11'-11"
	96"	13'-11"	12'-11"	11'-9"	10'-7"
	108"	7'-6"	6'-5"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	18'-0"	16'-11"	15'-10"	14'-9"
60" C/C	84"	9'-3"	8'-2"	7'-0"	--'---"
	88"	19'-6"	19'-0"	18'-6"	17'-6"
	96"	16'-3"	15'-3"	14'-2"	13'-0"
	108"	8'-5"	7'-4"	6'-1"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	13'-8"	12'-8"	11'-6"	10'-4"
	96"	9'-8"	8'-7"	7'-5"	6'-0"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	15'-1"	14'-0"	12'-11"	11'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	11'-10"	10'-9"	9'-7"	8'-4"
60" C/C	84"	9'-3"	8'-2"	7'-0"	--'---"
	88"	16'-5"	15'-4"	14'-3"	13'-1"
	96"	11'-6"	10'-5"	9'-4"	8'-1"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	9'-9"	8'-8"	7'-6"	6'-2"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	18'-0"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	17'-6"
48" C/C	84"	12'-10"	11'-9"	10'-7"	9'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	16'-0"	14'-11"	13'-10"	12'-8"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	7'-10"	6'-8"	--'---"	--'---"
	88"	12'-0"	10'-11"	9'-9"	8'-6"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	13'-8"	12'-7"	11'-6"	10'-3"
48" C/C	84"	10'-7"	9'-6"	8'-4"	7'-1"
	88"	17'-3"	16'-2"	15'-1"	13'-11"
	96"	10'-9"	9'-8"	8'-6"	7'-3"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	7'-9"	6'-7"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	16'-8"	15'-8"	14'-7"	13'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	17'-8"
	108"	--'---"	--'---"	--'---"	--'---"
48" C/C	84"	8'-11"	7'-10"	6'-7"	--'---"
	88"	12'-6"	11'-5"	10'-4"	9'-1"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

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**DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS**

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-30
9 OF 18

Professional Engineer Seal for Donald Meisel, No. 5551, State of PA, dated 11-20-10.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-40S"

40 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	11'-3"	10'-2"	9'-0"	7'-9"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	17'-7"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	19'-6"	19'-0"	18'-6"	17'-7"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	11'-3"	10'-2"	9'-0"	7'-9"
	96"	11'-3"	10'-2"	9'-0"	7'-9"
	108"	8'-9"	7'-8"	6'-5"	--'--"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	18'-8"	17'-7"	16'-6"
	96"	19'-6"	18'-8"	17'-7"	16'-6"
	108"	15'-7"	14'-6"	13'-5"	12'-3"
48" C/C	84"	10'-8"	9'-7"	8'-5"	7'-1"
	88"	10'-8"	9'-7"	8'-5"	7'-1"
	96"	10'-8"	9'-7"	8'-5"	7'-1"
	108"	--'--"	--'--"	--'--"	--'--"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	16'-5"	15'-5"	14'-4"	13'-2"
	88"	16'-5"	15'-5"	14'-4"	13'-2"
	96"	16'-5"	15'-5"	14'-4"	13'-2"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	8'-9"	7'-8"	6'-5"	--'--"
	88"	8'-9"	7'-8"	6'-5"	--'--"
	96"	7'-11"	6'-10"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-11"	12'-10"	11'-9"	10'-7"
	88"	13'-11"	12'-10"	11'-9"	10'-7"
	96"	13'-11"	12'-10"	11'-9"	10'-7"
	108"	--'--"	--'--"	--'--"	--'--"
48" C/C	84"	7'-4"	6'-3"	--'--"	--'--"
	88"	7'-4"	6'-3"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
60" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"
72" C/C	84"	--'--"	--'--"	--'--"	--'--"
	88"	--'--"	--'--"	--'--"	--'--"
	96"	--'--"	--'--"	--'--"	--'--"
	108"	--'--"	--'--"	--'--"	--'--"

DONALD MEISEL, P.E.
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PHONE 724-733-3880 FAX 724-327-9317



DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-40
10 OF 18

Professional Engineer Seal for Donald Meisel, No. 5561, State of Pennsylvania, dated 12-20-10.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-40E"

40 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-3"	17'-2"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	16'-10"	15'-9"	14'-8"	13'-6"
	96"	17'-5"	16'-5"	15'-4"	14'-2"
	108"	12'-4"	11'-3"	10'-2"	8'-11"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	11'-4"	10'-3"	9'-1"	7'-10"
	96"	11'-11"	10'-10"	9'-9"	8'-6"
	108"	7'-3"	6'-2"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	18'-2"	17'-1"	16'-0"	14'-10"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	16'-10"	15'-9"	14'-8"	13'-6"
	96"	15'-9"	14'-8"	13'-7"	12'-5"
	108"	10'-4"	9'-3"	8'-1"	6'-9"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	11'-4"	10'-3"	9'-1"	7'-10"
	96"	10'-4"	9'-3"	8'-1"	6'-10"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-0"	16'-11"
	108"	13'-6"	12'-5"	11'-3"	10'-1"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	15'-6"	14'-5"	13'-4"	12'-2"
	96"	12'-2"	11'-1"	9'-11"	8'-8"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	10'-2"	9'-1"	7'-11"	6'-7"
	96"	7'-1"	6'-0"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	17'-11"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	19'-6"	19'-0"	18'-2"	17'-0"
	96"	16'-1"	15'-1"	13'-11"	12'-10"
	108"	8'-9"	7'-8"	6'-5"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	12'-3"	11'-2"	10'-0"	8'-10"
	96"	8'-6"	7'-5"	6'-2"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	7'-2"	6'-1"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	19'-6"	19'-0"	18'-6"	17'-7"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	15'-7"	14'-6"	13'-5"	12'-3"
48" C/C	84"	11'-3"	10'-2"	9'-0"	7'-9"
	88"	16'-6"	15'-5"	14'-4"	13'-2"
	96"	11'-11"	10'-10"	9'-9"	8'-6"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	8'-10"	7'-9"	6'-7"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	19'-6"	18'-8"	17'-7"	16'-6"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-1"	17'-0"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	10'-7"	9'-6"	8'-4"	7'-1"
	88"	12'-10"	11'-10"	10'-8"	9'-6"
	96"	7'-11"	6'-10"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	16'-8"	15'-8"	14'-7"	13'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	15'-8"	14'-7"	13'-6"	12'-4"
	108"	--'---"	--'---"	--'---"	--'---"
48" C/C	84"	8'-11"	7'-10"	6'-7"	--'---"
	88"	9'-3"	8'-2"	7'-0"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

DONALD MEISEL, P.E.
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**DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS**

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-40
11 OF 18

Signature of Donald Meisel
Professional Engineer Seal
No. 5551
Date: 08-12-10

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-50S"

50 PSF SNOW LOAD

**CHARTS ARE FOR
STANDARD HEADER**

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	16'-7"	15'-7"	14'-6"	13'-4"
	108"	16'-7"	15'-7"	14'-6"	13'-4"
48" C/C	84"	8'-10"	7'-9"	6'-7"	---
	88"	8'-10"	7'-9"	6'-7"	---
	96"	8'-10"	7'-9"	6'-7"	---
	108"	8'-10"	7'-9"	6'-7"	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	16'-7"	15'-7"	14'-6"	13'-4"
	108"	16'-7"	15'-7"	14'-6"	13'-4"
48" C/C	84"	8'-10"	7'-9"	6'-7"	---
	88"	8'-10"	7'-9"	6'-7"	---
	96"	8'-10"	7'-9"	6'-7"	---
	108"	8'-10"	7'-9"	6'-7"	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	16'-7"	15'-7"	14'-6"	13'-4"
	108"	16'-7"	15'-7"	14'-6"	13'-4"
48" C/C	84"	8'-10"	7'-9"	6'-7"	---
	88"	8'-10"	7'-9"	6'-7"	---
	96"	8'-10"	7'-9"	6'-7"	---
	108"	8'-10"	7'-9"	6'-7"	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	16'-7"	15'-7"	14'-6"	13'-4"
	108"	16'-7"	15'-7"	14'-6"	13'-4"
48" C/C	84"	8'-10"	7'-9"	6'-7"	---
	88"	8'-10"	7'-9"	6'-7"	---
	96"	8'-10"	7'-9"	6'-7"	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

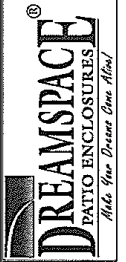
MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	16'-7"	15'-7"	14'-6"	13'-4"
	96"	16'-7"	15'-7"	14'-6"	13'-4"
	108"	12'-4"	11'-3"	10'-2"	8'-11"
48" C/C	84"	8'-10"	7'-9"	6'-7"	---
	88"	8'-10"	7'-9"	6'-7"	---
	96"	8'-10"	7'-9"	6'-7"	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	16'-5"	15'-5"	14'-4"	13'-2"
	88"	16'-5"	15'-5"	14'-4"	13'-2"
	96"	16'-2"	15'-1"	14'-0"	12'-10"
	108"	8'-0"	6'-10"	---	---
48" C/C	84"	8'-9"	7'-8"	6'-5"	---
	88"	8'-9"	7'-8"	6'-5"	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-11"	12'-10"	11'-9"	10'-7"
	88"	13'-11"	12'-10"	11'-9"	10'-7"
	96"	12'-5"	11'-4"	10'-3"	9'-0"
	108"	---	---	---	---
48" C/C	84"	7'-4"	6'-3"	---	---
	88"	7'-3"	6'-2"	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

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DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-50
12 OF 18

Professional Engineer Seal for Donald Weisel, P.E., State of Pennsylvania, No. 000000000, Exp. 08/12/2010. Includes a signature and date stamp.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-50E"

50 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	17'-7"
	108"	16'-3"	15'-2"	14'-1"	12'-11"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	13'-4"	12'-4"	11'-2"	10'-0"
	96"	13'-10"	12'-10"	11'-8"	10'-6"
	108"	9'-9"	8'-8"	7'-6"	6'-2"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	8'-11"	7'-10"	6'-8"	--'---"
	96"	9'-5"	8'-4"	7'-2"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-3"	18'-3"	17'-2"	16'-1"
	108"	14'-5"	13'-5"	12'-3"	11'-1"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	13'-4"	12'-4"	11'-2"	10'-0"
	96"	12'-6"	11'-5"	10'-3"	9'-1"
	108"	8'-2"	7'-0"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	8'-11"	7'-10"	6'-8"	--'---"
	96"	8'-2"	7'-1"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	19'-1"	18'-1"	17'-0"	15'-10"
	96"	16'-1"	15'-0"	13'-11"	12'-9"
	108"	10'-8"	9'-7"	8'-5"	7'-2"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	12'-4"	11'-3"	10'-1"	8'-11"
	96"	9'-7"	8'-6"	7'-4"	5'-11"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	8'-0"	6'-11"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	16'-11"	15'-10"	14'-9"	13'-7"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	16'-2"	15'-1"	14'-0"	12'-10"
	96"	12'-10"	11'-9"	10'-7"	9'-5"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	9'-8"	8'-7"	7'-5"	6'-1"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	18'-10"	17'-9"	16'-8"
	108"	12'-4"	11'-3"	10'-2"	8'-11"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	13'-1"	12'-0"	10'-11"	9'-9"
	96"	9'-5"	8'-4"	7'-2"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	6'-11"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	19'-6"	19'-0"	18'-6"	17'-6"
	96"	16'-2"	15'-1"	14'-0"	12'-10"
	108"	8'-0"	6'-10"	--'---"	--'---"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	10'-2"	9'-1"	7'-11"	6'-7"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	16'-7"	15'-7"	14'-6"	13'-4"
	88"	17'-5"	16'-4"	15'-3"	14'-1"
	96"	12'-5"	11'-4"	10'-3"	9'-0"
	108"	--'---"	--'---"	--'---"	--'---"
48" C/C	84"	8'-10"	7'-9"	6'-7"	--'---"
	88"	7'-3"	6'-2"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
60" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"
72" C/C	84"	--'---"	--'---"	--'---"	--'---"
	88"	--'---"	--'---"	--'---"	--'---"
	96"	--'---"	--'---"	--'---"	--'---"
	108"	--'---"	--'---"	--'---"	--'---"

DONALD WEISEL, P.E.
LIVINGSTON GROUP LTD.
100 PINE STREET
COLLWYN, PA 19023 215-928-6930

THERMAL INDUSTRIES, INC.
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PHONE 724-733-3880 FAX 724-327-9317



DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010

JOB NO.: DS3200

BY: BVK

FILE NAME:
DS3200_A-50

13 OF 18

Signature: *Donald Weisel*
11-22-10

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-60S"

60 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-9"	12'-8"	11'-7"	10'-5"
	108"	13'-9"	12'-8"	11'-7"	10'-5"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	7'-3"	6'-2"	-'-"	-'-"
	108"	7'-3"	6'-2"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-9"	12'-8"	11'-7"	10'-5"
	108"	13'-9"	12'-8"	11'-7"	10'-5"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	7'-3"	6'-2"	-'-"	-'-"
	108"	7'-3"	6'-2"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-9"	12'-8"	11'-7"	10'-5"
	108"	13'-9"	12'-8"	11'-7"	10'-5"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	7'-3"	6'-2"	-'-"	-'-"
	108"	7'-3"	6'-2"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-9"	12'-8"	11'-7"	10'-5"
	108"	13'-9"	12'-8"	11'-7"	10'-5"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	7'-3"	6'-2"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-9"	12'-8"	11'-7"	10'-5"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	7'-3"	6'-2"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	13'-4"	12'-3"	11'-2"	10'-0"
	108"	-'-"	-'-"	-'-"	-'-"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	7'-3"	6'-2"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	13'-9"	12'-8"	11'-7"	10'-5"
	96"	10'-3"	9'-2"	8'-0"	6'-8"
	108"	-'-"	-'-"	-'-"	-'-"
48" C/C	84"	7'-3"	6'-2"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
60" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"
72" C/C	84"	-'-"	-'-"	-'-"	-'-"
	88"	-'-"	-'-"	-'-"	-'-"
	96"	-'-"	-'-"	-'-"	-'-"
	108"	-'-"	-'-"	-'-"	-'-"

DONALD WEISEL, P.E.
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PHONE 724-733-3880 FAX 724-327-9317



DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-60
14 OF 18

Signature: Donald Weisel
Date: 12-20-10

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-60E"

60 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	17'-10"	16'-10"	15'-9"	14'-7"
	96"	17'-4"	16'-3"	15'-2"	14'-0"
	108"	13'-5"	12'-5"	11'-3"	10'-1"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	11'-0"	9'-11"	8'-10"	7'-6"
	96"	11'-5"	10'-5"	9'-3"	8'-0"
	108"	8'-0"	6'-11"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	7'-4"	6'-2"	-'-0"	-'-0"
	96"	7'-9"	6'-7"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	19'-0"	18'-6"	18'-0"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	17'-10"	16'-10"	15'-9"	14'-7"
	96"	16'-0"	14'-11"	13'-10"	12'-8"
	108"	11'-11"	10'-10"	9'-9"	8'-6"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	11'-0"	9'-11"	8'-10"	7'-6"
	96"	10'-4"	9'-3"	8'-1"	6'-9"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	7'-4"	6'-2"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	17'-8"	16'-7"	15'-6"	14'-5"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	15'-10"	14'-10"	13'-8"	12'-7"
	96"	13'-4"	12'-3"	11'-1"	9'-11"
	108"	8'-9"	7'-8"	6'-5"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	10'-2"	9'-1"	7'-11"	6'-7"
	96"	7'-10"	6'-9"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	18'-8"	17'-7"	16'-6"
	108"	14'-0"	12'-11"	11'-10"	10'-8"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	13'-4"	12'-4"	11'-2"	10'-0"
	96"	10'-7"	9'-6"	8'-4"	7'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	7'-11"	6'-10"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

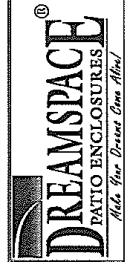
MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	19'-6"	19'-0"	17'-11"	16'-10"
	96"	16'-6"	15'-5"	14'-4"	13'-2"
	108"	10'-2"	9'-1"	7'-11"	6'-7"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	10'-10"	9'-9"	8'-7"	7'-4"
	96"	7'-9"	6'-7"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	17'-2"	16'-2"	15'-1"	13'-11"
	96"	13'-4"	12'-3"	11'-2"	10'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	8'-4"	7'-3"	6'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	13'-9"	12'-8"	11'-7"	10'-5"
	88"	14'-5"	13'-4"	12'-3"	11'-1"
	96"	10'-3"	9'-2"	8'-0"	6'-8"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
48" C/C	84"	7'-3"	6'-2"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
60" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"
72" C/C	84"	-'-0"	-'-0"	-'-0"	-'-0"
	88"	-'-0"	-'-0"	-'-0"	-'-0"
	96"	-'-0"	-'-0"	-'-0"	-'-0"
	108"	-'-0"	-'-0"	-'-0"	-'-0"

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DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-60
15 OF 18

Professional Engineer Seal for Donald Meisel, No. 5551, State of Pennsylvania, expires 12-10-10.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-70S"

70 PSF SNOW LOAD

CHARTS ARE FOR
STANDARD HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-8"	10'-8"	9'-6"	8'-3"
	108"	11'-8"	10'-8"	9'-6"	8'-3"
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-8"	10'-8"	9'-6"	8'-3"
	108"	11'-8"	10'-8"	9'-6"	8'-3"
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-8"	10'-8"	9'-6"	8'-3"
	108"	11'-8"	10'-8"	9'-6"	8'-3"
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-8"	10'-8"	9'-6"	8'-3"
	108"	11'-8"	10'-8"	9'-6"	8'-3"
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-8"	10'-8"	9'-6"	8'-3"
	108"	8'-7"	7'-6"	6'-3"	---
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	11'-4"	10'-3"	9'-1"	7'-10"
	108"	---	---	---	---
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	11'-8"	10'-8"	9'-6"	8'-3"
	96"	8'-8"	7'-7"	6'-4"	---
	108"	---	---	---	---
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

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**DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS**

Date: 008/12/2010
JOB NO.: DS3200
BY: BVK
FILE NAME:
DS3200_A-70
16 OF 18

Professional Engineer Seal for Donald Meisel, No. 5551, State of Pennsylvania, dated 12-10-10.

**SNOW & WIND
LOADING CHARTS**

LOAD BEARING WALL - SECTION G

TABLE "A-70E"

70 PSF SNOW LOAD

CHARTS ARE FOR
ENHANCED HEADER

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
85 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	19'-6"	18'-8"	17'-7"	16'-6"
48" C/C	84"	---	---	---	---
	88"	15'-3"	14'-2"	13'-1"	11'-11"
	96"	14'-9"	13'-8"	12'-7"	11'-5"
	108"	11'-5"	10'-4"	9'-2"	7'-11"
60" C/C	84"	---	---	---	---
	88"	9'-4"	8'-3"	7'-1"	---
	96"	9'-9"	8'-7"	7'-5"	6'-1"
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
90 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	19'-0"	18'-6"	18'-0"
	108"	18'-3"	17'-2"	16'-1"	15'-0"
48" C/C	84"	---	---	---	---
	88"	15'-3"	14'-2"	13'-1"	11'-11"
	96"	13'-8"	12'-7"	11'-5"	10'-3"
	108"	10'-1"	9'-0"	7'-10"	6'-6"
60" C/C	84"	---	---	---	---
	88"	9'-4"	8'-3"	7'-1"	---
	96"	8'-9"	7'-7"	6'-5"	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
100 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	19'-6"	19'-0"	18'-6"	18'-0"
	96"	19'-6"	18'-6"	17'-5"	16'-4"
	108"	15'-1"	14'-0"	12'-11"	11'-9"
48" C/C	84"	---	---	---	---
	88"	13'-6"	12'-5"	11'-4"	10'-1"
	96"	11'-4"	10'-3"	9'-1"	7'-10"
	108"	7'-5"	6'-3"	---	---
60" C/C	84"	---	---	---	---
	88"	8'-7"	7'-6"	6'-3"	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
110 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	19'-6"	18'-7"	17'-6"	16'-5"
	96"	16'-10"	15'-10"	14'-8"	13'-7"
	108"	11'-11"	10'-10"	9'-8"	8'-5"
48" C/C	84"	---	---	---	---
	88"	11'-4"	10'-3"	9'-2"	7'-11"
	96"	8'-11"	7'-10"	6'-8"	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
120 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	17'-1"	16'-1"	15'-0"	13'-10"
	96"	14'-0"	13'-0"	11'-10"	10'-8"
	108"	8'-7"	7'-6"	6'-3"	---
48" C/C	84"	---	---	---	---
	88"	9'-2"	8'-1"	6'-10"	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
130 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	14'-8"	13'-7"	12'-6"	11'-4"
	96"	11'-4"	10'-3"	9'-1"	7'-10"
	108"	---	---	---	---
48" C/C	84"	---	---	---	---
	88"	7'-1"	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

MAXIMUM MULLION SPACING	MULLION HEIGHT	OVERHANG			
		0'-6"	1'-0"	1'-6"	2'-0"
		MAXIMUM ENCLOSURE PROJECTION			
140 MPH WIND					
36" C/C	84"	11'-8"	10'-8"	9'-6"	8'-3"
	88"	12'-3"	11'-2"	10'-1"	8'-10"
	96"	8'-8"	7'-7"	6'-4"	---
	108"	---	---	---	---
48" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
60" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---
72" C/C	84"	---	---	---	---
	88"	---	---	---	---
	96"	---	---	---	---
	108"	---	---	---	---

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DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS

Date: 08/12/2010

JOB NO.: DS3200

BY: BVK

FILE NAME:
DS3200_A-70

17 OF 18

Handwritten signature and date: 12-20-10

Table "B":

NON-BEARING WALL MULLION SECTION - B			
MAXIMUM TRIBUTARY WIDTH	MAXIMUM MULLION HEIGHT(FT)	MAXIMUM TRIBUTARY WIDTH	MAXIMUM MULLION HEIGHT(FT)
85 MPH WIND LOAD		120 MPH WIND LOAD	
36	14'- 4"	36	10'- 11"
42	13'- 6"	42	10'- 3"
48	12'- 10"	48	9'- 9"
54	12'- 3"	54	9'- 4"
60	11'- 9"	60	8'- 5"
66	11'- 3"	66	8'- 5"
72	10'- 11"	72	8'- 2"
90 MPH WIND LOAD		130 MPH WIND LOAD	
36	13'- 9"	36	10'- 3"
42	12'- 11"	42	9'- 8"
48	12'- 3"	48	9'- 2"
54	11'- 8"	54	8'- 5"
60	11'- 3"	60	8'- 3"
66	10'- 10"	66	7'- 10"
72	10'- 5"	72	7'- 8"
100 MPH WIND LOAD		140 MPH WIND LOAD	
36	12'- 8"	36	9'- 8"
42	11'- 11"	42	9'- 1"
48	11'- 3"	48	8'- 5"
54	10'- 9"	54	8'- 1"
60	10'- 4"	60	7'- 8"
66	9'- 11"	66	7'- 6"
72	9'- 8"	72	7'- 2"
110 MPH WIND LOAD			
36	11'- 8"		
42	11'- 0"		
48	10'- 5"		
54	10'- 0"		
60	9'- 7"		
66	9'- 3"		
72	8'- 5"		

TRIBUTARY WIDTH IS DEFINED AS THE MAXIMUM DISTANCE THAT ONE COLUMN WILL CARRY AND IS MEASURED WITHIN THE NON-LOAD BEARING WALL HORIZONTALLY FROM THE CENTER OF ONE MODULE TO CENTER OF THE ADJACENT MODULE NOT INCLUDING FILL PANEL.

TABLE "C": ROOF PANEL SPAN TABLE - MAXIMUM ENCLOSURE PROJECTION

PANEL TYPE (3 INCH THICK)	DEAD LOAD (PSF)	DEFLECTION=L/120						DEFLECTION=L/180						DEFLECTION=L/240					
		SNOW LOAD						SNOW LOAD						SNOW LOAD					
		20	30	40	50	60	70	20	30	40	50	60	70	20	30	40	50	60	70
3-PLY	1.2	14'- 6"	12'- 3"	10'- 10"	9'- 11"	9'- 2"	8'- 7"	12'- 4"	10'- 7"	9'- 6"	8'- 9"	8'- 1"	7'- 8"	11'- 0"	9'- 6"	8'- 6"	7'- 10"	7'- 3"	6'- 10"
4-PLY	2.6	15'- 4"	13'- 3"	11'- 11"	11'- 0"	10'- 3"	9'- 8"	13'- 0"	11'- 3"	10'- 1"	9'- 3"	8'- 8"	8'- 2"	11'- 6"	9'- 11"	8'- 11"	8'- 3"	7'- 8"	7'- 3"
4-PLY SKYLIGHT	2.6	13'- 11"	11'- 8"	10'- 3"	9'- 3"	8'- 6"	7'- 11"	11'- 10"	10'- 1"	9'- 0"	8'- 3"	7'- 8"	7'- 2"	10'- 6"	9'- 1"	8'- 3"	7'- 7"	7'- 1"	6'- 8"
5-PLY	4.2	16'- 2"	14'- 2"	12'- 10"	11'- 11"	11'- 2"	10'- 7"	13'- 9"	12'- 1"	10'- 11"	10'- 1"	9'- 6"	9'- 0"	12'- 3"	10'- 9"	9'- 9"	9'- 0"	8'- 5"	8'- 0"
5-PLY SKYLIGHT	4.2	14'- 5"	12'- 7"	11'- 5"	10'- 6"	9'- 10"	9'- 4"	12'- 2"	10'- 8"	9'- 7"	8'- 11"	8'- 4"	7'- 10"	10'- 9"	9'- 5"	8'- 6"	7'- 10"	7'- 4"	6'- 11"
(6 INCH THICK)																			
3-PLY	1.3	16'- 1"	14'- 4"	12'- 10"	11'- 6"	10'- 3"	9'- 2"	16'- 1"	14'- 4"	12'- 10"	11'- 6"	10'- 3"	9'- 2"	16'- 0"	13'- 10"	12'- 0"	10'- 5"	9'- 0"	7'- 10"
4-PLY	3	20'- 0"	20'- 0"	17'- 10"	14'- 8"	12'- 1"	9'- 11"	18'- 6"	16'- 5"	14'- 7"	13'- 0"	11'- 6"	10'- 3"	16'- 4"	14'- 5"	12'- 10"	11'- 4"	10'- 0"	8'- 11"
4-PLY SKYLIGHT	3	17'- 0"	14'- 11"	13'- 1"	11'- 6"	10'- 1"	8'- 10"	17'- 0"	14'- 11"	13'- 1"	11'- 6"	10'- 1"	8'- 10"	16'- 1"	13'- 11"	11'- 11"	10'- 4"	8'- 10"	7'- 8"
SHINGLE READY	2.6	20'- 0"	17'- 7"	15'- 1"	12'- 11"	11'- 1"	9'- 6"	17'- 10"	15'- 8"	13'- 9"	12'- 1"	10'- 7"	9'- 4"	16'- 2"	13'- 6"	11'- 2"	9'- 4"	7'- 9"	6'- 5"
SR SKYLIGHT	2.6	17'- 1"	15'- 0"	13'- 2"	11'- 7"	10'- 2"	8'- 11"	17'- 1"	15'- 0"	13'- 2"	11'- 7"	10'- 2"	8'- 11"	15'- 3"	13'- 4"	11'- 7"	10'- 1"	8'- 10"	7'- 8"

3-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH EXPANDED POLYSTYRENE CORE 1.5 LB DENSITY FOR 3 INCH AND 1.0 LB DENSITY FOR 6 INCH.

4-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH ONE SHEET 7/16" ORIENTED STRAND BOARD(OSB) AND EXPANDED POLYSTYRENE CORE 1.5 LB DENSITY FOR 3 INCH AND 1.0 LB DENSITY FOR 6 INCH (OSB INSTALLED TO EXTERIOR SIDE)

SHINGLE READY(SR) USES ONE 0.024" 3105-H154 ALUMINUM SKIN WITH ONE SHEET 7/16" ORIENTED STRAND BOARD(OSB) AND 1.0 LB DENSITY EXPANDED POLYSTYRENE CORE (OSB INSTALLED TO EXTERIOR SIDE)

5-PLY USES TWO 0.024" 3105-H154 ALUMINUM SKINS WITH TWO SHEETS 7/16" ORIENTED STRAND BOARD(OSB) AND 1.5 LB. DENSITY POLYSTYRENE CORE

WHEN USING THE ABOVE TABLE, ONE MUST VERIFY WHAT LOCAL BUILDING CODE REQUIRES. MAXIMUM PANEL OVERHANG IS 2'-0". DEAD LOAD OF PANEL HAS BEEN ADDED INTO SNOW LOAD FOR PANEL SPAN.

THIS TABLE SHALL BE USED WITH EXTREME CAUTION AND CONSIDERATION SHALL BE GIVEN FOR ANY OTHER LOADS WHICH MAY REDUCE SPAN

TABLE "D": ALLOWABLE SPAN (ROOM PROJECTION)
FOR: 3-1/2" X 9-1/2" ENGINEERED LAMINATED RIDGE BEAM

DESIGN LOAD	ROOM WIDTH										
	11'- 0"	14'- 0"	17'- 0"	20'- 0"	23'- 0"	26'- 0"	29'- 0"	32'- 0"	35'- 0"	38'- 0"	41'- 0"
20 PSF	17'- 9"	16'- 6"	15'- 9"	15'- 3"	14'- 6"	13'- 9"	13'- 6"	13'- 3"	12'- 9"	12'- 6"	12'- 0"
30 PSF	15'- 6"	14'- 6"	13'- 9"	13'- 3"	12'- 6"	12'- 0"	11'- 9"	11'- 6"	11'- 3"	10'- 9"	10'- 6"
40 PSF	13'- 9"	13'- 3"	12'- 6"	11'- 9"	11'- 6"	11'- 0"	10'- 9"	10'- 3"	10'- 0"	9'- 9"	9'- 6"
50 PSF	13'- 0"	12'- 0"	11'- 6"	11'- 0"	10'- 6"	10'- 0"	9'- 9"	9'- 6"	9'- 3"	9'- 0"	8'- 9"
60 PSF	12'- 0"	11'- 6"	10'- 9"	10'- 3"	9'- 9"	9'- 6"	9'- 3"	9'- 0"	8'- 9"	8'- 6"	8'- 3"
70 PSF	11'- 6"	10'- 9"	10'- 3"	9'- 9"	9'- 3"	9'- 0"	8'- 9"	8'- 6"	8'- 3"	7'- 9"	7'- 9"

TABLE "E": ALLOWABLE SPAN (ROOM PROJECTION)
FOR: 3-1/2" X 11-7/8" ENGINEERED LAMINATED RIDGE BEAM

DESIGN LOAD	ROOM WIDTH										
	11'- 0"	14'- 0"	17'- 0"	20'- 0"	23'- 0"	26'- 0"	29'- 0"	32'- 0"	35'- 0"	38'- 0"	41'- 0"
20 PSF	22'- 3"	21'- 0"	19'- 9"	18'- 9"	18'- 0"	17'- 6"	16'- 9"	16'- 3"	16'- 0"	15'- 6"	15'- 3"
30 PSF	19'- 3"	18'- 0"	17'- 3"	16'- 3"	15'- 9"	15'- 3"	14'- 9"	14'- 3"	13'- 9"	13'- 6"	13'- 3"
40 PSF	17'- 6"	16'- 3"	15'- 6"	15'- 0"	14'- 3"	13'- 9"	13'- 3"	13'- 0"	12'- 6"	12'- 3"	11'- 9"
50 PSF	16'- 3"	15'- 3"	14'- 6"	13'- 9"	13'- 3"	12'- 9"	12'- 3"	11'- 9"	11'- 6"	11'- 3"	11'- 0"
60 PSF	15'- 3"	14'- 3"	13'- 6"	13'- 0"	12'- 3"	11'- 9"	11'- 6"	11'- 3"	10'- 9"	10'- 6"	10'- 3"
70 PSF	14'- 6"	13'- 6"	12'- 9"	12'- 3"	11'- 9"	11'- 3"	11'- 0"	10'- 6"	10'- 3"	9'- 9"	9'- 6"

TIMBERSTRAND 1.55E MEETS DEFLECTION OF L/240, BEAMS ARE TO BE CONTINUOUS (NO SPLICES)
BEAM CONNECTION AND SUPPORT AT THE RESIDENCE SIDE MUST BE DESIGNED BY OTHERS TO WITHSTAND THE SPECIFIED LOADS

TABLE "F": ALLOWABLE COLUMN LOAD IN POUNDS (SECTION-H)

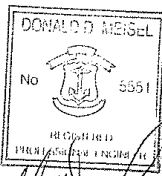
WIND (MPH)	COLUMN LENGTH							
	8'	9'	10'	11'	12'	13'	14'	15'
90	13400	10500	8200	6400	5000	3900		
100	12600	9600	7300	5600	4200	3000		
110	11600	8600	6400	4600	3200	2100		
120	10500	7500	5300	3500	2100	1000		
130	9400	6400	4100	2400	1000	N/A		
140	8200	5200	2900	1100	N/A	N/A		

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DREAMSPACE 3200
3.00" ENCLOSURE
LOADING CHARTS



Date: 08/12/2010
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BY: BVK
FILE NAME:
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Donald D. Meisel
12-20-10