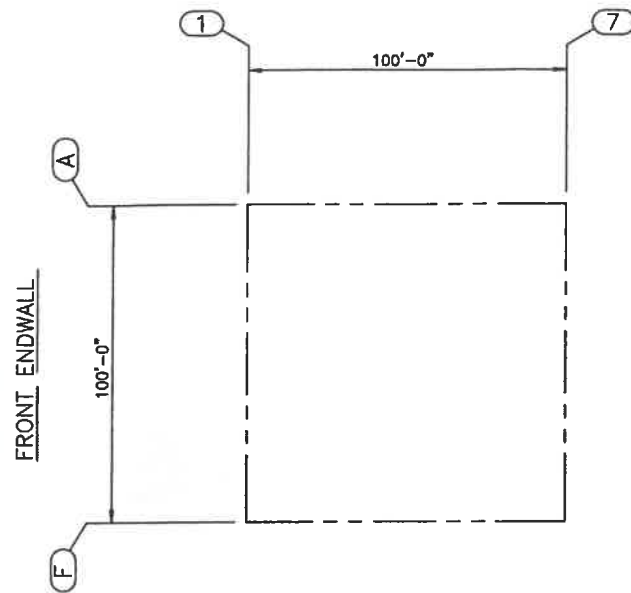


NC-07726



KEY PLAN

SPECIFIC ERECTION DRAWING LIST

THE DRAWINGS LISTED BELOW HAVE BEEN CREATED BY COMPUTER SPECIFICALLY FOR YOUR ORDER TO ASSIST YOU IN PUTTING UP YOUR BUILDING. THESE SPECIFIC ERECTION DRAWINGS ARE THE SAME SIZE AS THIS SHEET AND CAN BE IDENTIFIED INDIVIDUALLY FROM THE TITLES AND DRAWING SEQUENCE NUMBERS THAT APPEAR IN THE LOWER RIGHT HAND CORNER OF EACH DRAWING.

DRAWING TITLE:	AG FILE NO.:
ROOF SECONDARY STRUCTURAL FRAMING PLAN	DATE: 02/18/83
DRAWING NUMBER: D 83-123456-05L	REVISION: 02

TITLE  
THE YEAR DURING WHICH YOUR ORDER WAS ENTERED  
THE BUTLER ORDER NUMBER OF YOUR ORDER  
DRAWING SEQUENCE NUMBER  
REVISION LEVEL OF THE DRAWING, IF THE DRAWING HAS NEVER BEEN REVISED, 00 APPEARS HERE.

- D09-174243-00 COVER DRAWING - SHEET 1
- D09-174243-00A SHAKEOUT PLAN - SHEET 2
- D09-174243-01 SPECIFIC ANCHOR BOLT DRAWING - SHEET 1
- D09-174243-01A SPECIFIC REACTION DRAWING - SHEET 2
- D09-174243-01B ANCHOR BOLT DETAIL SHEET - SHEET 3
- D09-174243-02 CROSS SECTION ERECTION DRAWING - SHEET 1
- D09-174243-02A CROSS SECTION ERECTION DRAWING - SHEET 2
- D09-174243-02B CROSS SECTION ERECTION DRAWING - SHEET 3
- D09-174243-02C CROSS SECTION ERECTION DRAWING DETAIL SHEET - SHEET 4
- D09-174243-03 WIND BRACING DRAWING - SHEET 1
- D09-174243-03A WIND BRACING DETAIL SHEET - SHEET 2
- D09-174243-03A ROOF SECONDARY STRUCTURAL FRAMING PLAN - SHEET 1
- D09-174243-04 ROOF SECONDARY STRUCTURAL DETAIL SHEET - SHEET 2
- D09-174243-05 WALL SECONDARY STRUCTURAL ELEVATION - SHEET 1
- D09-174243-05A WALL SECONDARY STRUCTURAL ELEVATION - SHEET 2
- D09-174243-05B DOOR DETAIL DRAWING - SHEET 3
- D09-174243-05C WALL SECONDARY STRUCTURAL ELEVATION DETAIL SHEET - SHEET 4
- D09-174243-05D WALL SECONDARY STRUCTURAL ELEVATION DETAIL SHEET - SHEET 5
- D09-174243-06 WALL PANEL DRAWING - SHEET 1
- D09-174243-06A WALL PANEL DRAWING - SHEET 2
- D09-174243-07 ROOF PANEL DRAWING - SHEET 1
- D09-174243-07A EDGE OF ROOF DETAIL SHEET - SHEET 2

SUPPLEMENTING THE SPECIFIC ERECTION DRAWINGS LISTED ARE SEVERAL GENERAL ERECTION DRAWINGS CALLED "PLANOGRAPHS". SEE THE DRAWING MANIFEST FOR A COMPLETE LIST OF THESE DRAWINGS.

DESIGN CRITERIA SUMMARY

The 2007 Edition of the "Florida Building Code" with 2009 Supplement

Occupancy Category (Table 1604.5)	ESSENTIAL FACILITY
Section 1606 Dead Loads	
Weight of Roof Panel, Insul. and Secondaries(psf)	2.4
Collateral Load On Frames(psf)	3.0
Collateral Load on Secondaries(psf)	3.0
Section 1603.1.2 Roof Live Load	
Roof Live Load,(psf) Reducible per Section 1607.11.2	20
Section 1603.1.4 Wind Design Data	
Wind Speed (mph)	120
Wind Importance Factor, Iw	1.15
Wind Exposure Category	B
Enclosure Classification	Enclosed
Internal Pressure Coefficient	+/-0.18

Not Designed for Factory Mutual

FIELD WORK SUMMARY

- WIND BRACING
- FW0001 FIELD WORK MAY BE REQUIRED AT LOWER ROOF BEAM KNEE AREA FOR BRACING CLIP CONNECTION.
- WALL SECONDARY
- FW0014 FIELD LOCATE HOLES IN INTERMEDIATE FRAME ENDWALL ROOF BEAM FOR DOOR POST CONNECTION.
- FW0022 FIELD CUT AND LOCATE HOLES IN SIDEWALL GIRT(S) AND FIELD WORK GIRT CHANNEL(S) FOR PORTAL FRAME COLUMN AT INTERMEDIATE FRAME CONNECTION.

Plans reviewed for code compliance in accordance with Hillsborough County Construction Code Follow

SEP 23 2009  
MA  
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COVER DRAWING NOTES

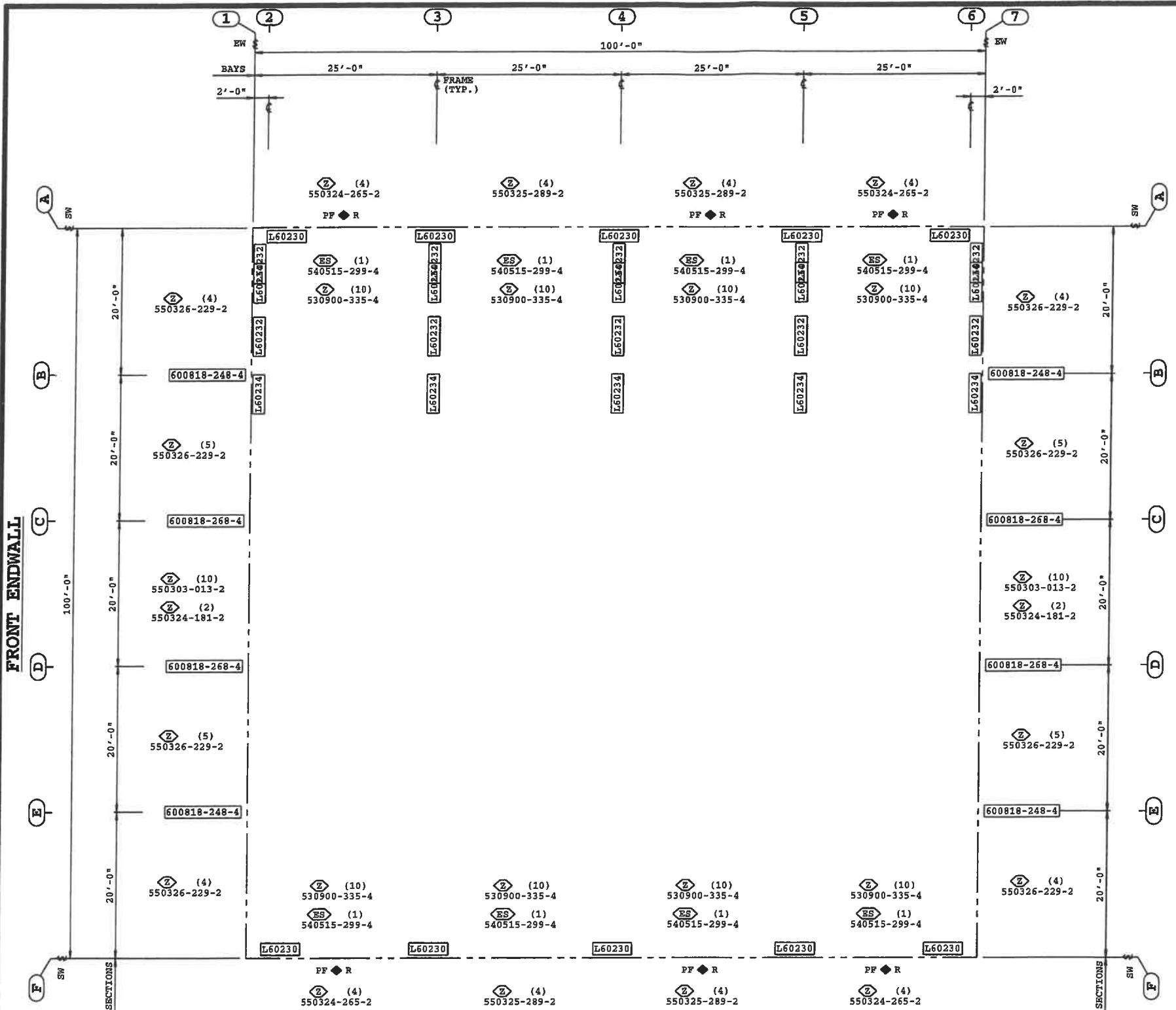
- STANDARD NOTES:
- CD0002 PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING MANIFEST FOR POSSIBLE SUBSTITUTIONS.
  - CD0013 IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE MATERIALS SUPPLIED BY BUTLER MFG. CO. AND IS NOT INTENDED AS THE SEAL OF THE ENGINEER OF RECORD FOR THE ENTIRE PROJECT.
  - CD0017 MATERIALS                      ASTM DESIGNATION
  - STRUCT PLATE 1" & LESS      A529 AND A572      FY = 55 KSI (GRADE 55)
  - STRUCT PLATE OVER 1"      A529 AND A572      FY = 50 KSI (GRADE 50)
  - LIGHT GAGE/COLD FORMED EQUIV TO A1011      FY = 60 KSI (GRADE 60)
  - ROOF AND WALL PANELS      A553 AND A792      GRADE 50, 80
  - ROUND TUBE                      A500 GRADE B      FY = 42 KSI
  - SQUARE TUBE                      A500 GRADE B      FY = 46 KSI
  - BRACE RODS 3/4" & LESS      A510 GRADE 1018
  - BRACE RODS OVER 3/4"      A572 GRADE 50 OR GREATER
  - CD0027 HIGH STRENGTH BOLTING:
  - ALL HIGH STRENGTH BOLTS ARE A-325-T WITH HEAVY HEX NUTS AND ARE TO BE INSTALLED USING THE SNUG TIGHT METHOD SPECIFIED IN THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", PUBLISHED BY RCSC, DATED JUNE 30, 2004. SNUG TIGHT CONDITION IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRON WORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT.

CONTRACTOR COPY

Patrick A. Kreuser 9/10/09  
P.O. Box 1529  
Laurinburg, NC 28353  
FIPE # 62315

08-07-2009 18:11:02 JSERNAME: aalinnaghia

REVISION NO. 1	REVISION NO. 2	<p>Butler Manufacturing BlueScope Buildings North America, Inc.</p>	<p>PRODUCT OF THE</p> <p>ORDER ENGINEERING SYSTEM</p>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:			DAVIS CONSTRUCTION ENTE	Multi-Assy Facility	100X100X20 LRF	COVER DRAWING	CHK:	DATE: 08/07/09
DRAWN BY:	DRAWN BY:			SAFETY HARBOR, FL	Lithia, FL	20# LL + 3#CLL		DRAWING NUMBER:	REV.
CHECKED BY:	CHECKED BY:					120 MPH EXP B FL 07		D 09-174243-00	00
						with 2009 Supplement			



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Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Folio#

SEP 28 2009

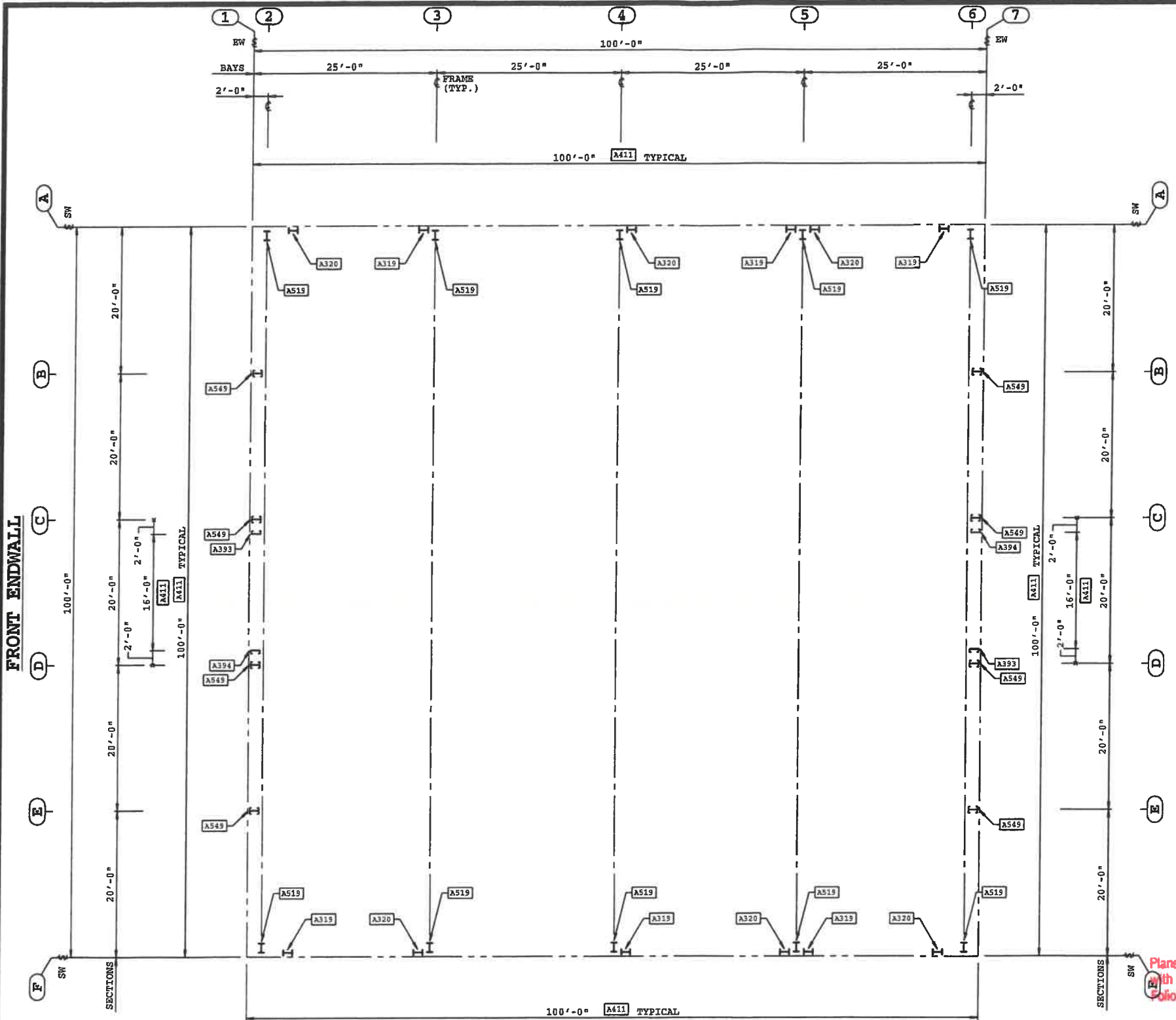
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 Patrick A. Kreuser  
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 Laurinburg, NC 28353  
 FIPE # 60315

ONLY THE FOLLOWING TYPES OF PARTS ARE CALLED OUT ON THE SHAKEOUT PLAN. OTHER PARTS ARE SPECIFIED ON THE ERECTION DRAWINGS:  
**COLUMNS AND ROOF BEAMS** SECONDARY PARTS ARE: (ES) RAVE STRUT, (TP) TRUSS PURLIN, (C) C-SECTION, (Z) Z-SECTION

\* ◆ R - BRACE BAY OR SECTION [\* = W, WP, or PF (W - WALL RODS) (WP - WIND POST) (PF - PORTAL FRAME)] [ R = Roof ]

REVISION NO. 1	REVISION NO. 2	<p>Butler Manufacturing BlueScope Buildings North America, Inc.</p>	<p>PRODUCT OF THE FRONT ORDER ENGINEERING SYSTEM</p>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:		
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	SHAKEOUT PLAN	CHEK:	DATE: 08/07/09	DRAWING NUMBER:	REV.
DRAWN BY:	DRAWN BY:									D 09-174243-00A	00
CHECKED BY:	CHECKED BY:										



- STANDARD NOTES:
- AB0007 GIVE TOP OF FOUNDATION A TROWEL FINISH. THE FOUNDATION MUST BE SQUARE, LEVEL, AND SMOOTH.
  - AB0009 ANCHOR BOLTS MUST BE LOCATED BY MEANS OF A TEMPLATE. DO NOT HAND SET ANCHOR BOLTS.
  - AB0010 ANCHOR BOLTS MUST BE ASTM F1554, GRADE 36, MINIMUM.
  - AB0013 USE REINFORCING STEEL AS REQUIRED, PROVIDE FOR HORIZONTAL LOAD ON ANCHOR BOLTS.
  - AB0014 C A U T I O N  
\*\*\*\*\*  
RIGID FRAMES HAVE BOTH HORIZONTAL AND VERTICAL REACTIONS ACTING AT THE BASE OF THE COLUMN. IN SOME CASES THE HORIZONTAL FORCE IS GREATER THAN THE VERTICAL. A FOUNDATION DESIGNED FOR A CONVENTIONAL STRUCTURE WILL NOT BE SATISFACTORY. FAILURE TO MAKE ADEQUATE PROVISION FOR THE HORIZONTAL THRUST CAN RESULT IN FOUNDATION FAILURE.
  - AB0015 FOUNDATION DESIGN AND ANCHOR BOLTS, NUTS AND WASHERS ARE NOT FURNISHED BY BUTLER. PROPER EMBEDMENT LENGTH MUST BE DESIGNED BY FOUNDATION DESIGN ENGINEER.
  - AB0016 REFER TO WALL PANEL ANCHOR BOLT DRAWING FOR SPECIFIC EDGE OF FOUNDATION DETAILS.
  - AB0017 THE SOLID BLACK <> SYMBOL DESIGNATES A BRACED BAY OR SECTION.
  - AB0018 BASE PLATES UTILIZE OVERSIZE HOLES. A WASHER IS REQUIRED UNDER THE NUT FOR ALL ANCHOR BOLTS.

FRONT ENDWALL

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SEP 23 2009

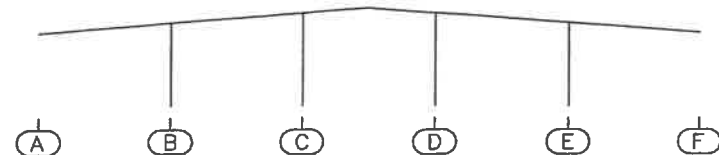
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 Laurinburg, NC 28353  
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ANCHOR BOLT PLAN

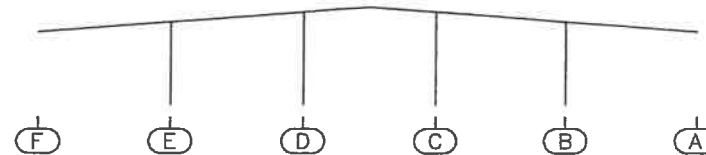
REVISION NO. 1		REVISION NO. 2		 Butler Manufacturing BlueScope Buildings North America, Inc.	PRODUCT OF THE  ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:	DAVIS CONSTRUCTION ENTE	Multi-Assy Facility			100X100X20 LRF	SPECIFIC	CHK:	DATE: 08/07/09		
DRAWN BY:	DRAWN BY:	SAFETY HARBOR, FL	Lithia, FL			20# LL + 3#CLL	ANCHOR BOLT	DRAWING NUMBER:	REV.		
CHECKED BY:	CHECKED BY:				DRAWING	D 09-174243-01	00				





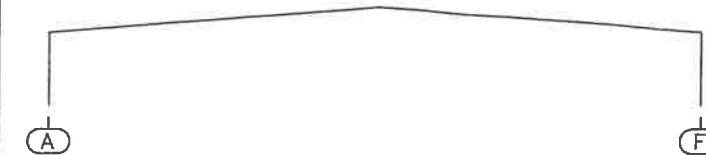
ENDWALL FRAME AT SIDEWALL GRID 1

	B		C		D		E	
	V	Z	V	Z	V	Z	V	Z
DL DEAD LOAD	0.32	0.00	0.34	0.00	0.34	0.00	0.32	0.00
WL1 WIND LEFT+INT PRESS	0.00	-0.95	0.00	-1.03	0.00	-1.03	0.00	-0.95
WL2 WIND LEFT+INT SUCT	0.00	0.95	0.00	1.03	0.00	1.03	0.00	0.95
WR1 WIND RIGHT+INT PRESS	0.00	-0.95	0.00	-1.03	0.00	-1.03	0.00	-0.95
WR2 WIND RIGHT+INT SUCT	0.00	0.95	0.00	1.03	0.00	1.03	0.00	0.95
EP2 EW PRESS+INT SUCT	0.00	4.34	0.00	4.65	0.00	4.65	0.00	4.34
ES1 EW SUCT+INT PRESS	0.00	-4.81	0.00	-5.17	0.00	-5.17	0.00	-4.81
MAX. POS. REACTION	0.32	4.34	0.34	4.65	0.34	4.65	0.32	4.34
MAX. NEG. REACTION	0.00	-4.81	0.00	-5.17	0.00	-5.17	0.00	-4.81



ENDWALL FRAME AT SIDEWALL GRID 7

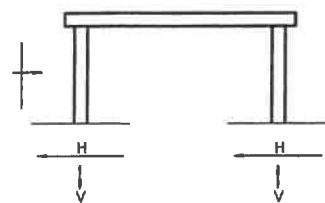
	E		D		C		B	
	V	Z	V	Z	V	Z	V	Z
DL DEAD LOAD	0.32	0.00	0.34	0.00	0.34	0.00	0.32	0.00
WL1 WIND LEFT+INT PRESS	0.00	-0.95	0.00	-1.03	0.00	-1.03	0.00	-0.95
WL2 WIND LEFT+INT SUCT	0.00	0.95	0.00	1.03	0.00	1.03	0.00	0.95
WR1 WIND RIGHT+INT PRESS	0.00	-0.95	0.00	-1.03	0.00	-1.03	0.00	-0.95
WR2 WIND RIGHT+INT SUCT	0.00	0.95	0.00	1.03	0.00	1.03	0.00	0.95
EP2 EW PRESS+INT SUCT	0.00	4.34	0.00	4.65	0.00	4.65	0.00	4.34
ES1 EW SUCT+INT PRESS	0.00	-4.81	0.00	-5.17	0.00	-5.17	0.00	-4.81
MAX. POS. REACTION	0.32	4.34	0.34	4.65	0.34	4.65	0.32	4.34
MAX. NEG. REACTION	0.00	-4.81	0.00	-5.17	0.00	-5.17	0.00	-4.81



FRAME AT SIDEWALL GRIDS 2, 3, 4, 5 & 6

	A		F	
	H	V	H	V
DL DEAD LOAD	4.63	5.78	-4.63	5.78
CLL COLLATERAL LOAD	3.52	3.75	-3.52	3.75
LL LIVE LOAD	14.09	15.00	-14.09	15.00
WL1 WIND LEFT+INT PRESS	-24.28	-25.79	-16.35	-19.24
WL2 WIND LEFT+INT SUCT	-15.90	-14.37	7.99	-7.82
WR1 WIND RIGHT+INT PRESS	-16.35	-19.24	24.26	-25.79
WR2 WIND RIGHT+INT SUCT	-7.99	-7.82	15.90	-14.37
EP1 EW PRESS+INT PRESS	-21.77	-27.59	21.77	-27.59
EQL SEISMIC LOAD LEFT	-0.09	-0.04	-0.09	0.04
EQR SEISMIC LOAD RIGHT	0.09	0.04	0.09	-0.04
MAX. POS. REACTION	22.64	24.54	21.19	24.54
MAX. NEG. REACTION	-21.19	-24.12	-22.64	-24.12

PORTAL FRAME REACTION



SIDEWALL GRID	BETWEEN GRIDS	H (WL)	V (WL)
A	2-3	7	11
A	4-5	7	11
A	5-6	7	11
F	2-3	7	11
F	4-5	7	11
F	5-6	7	11

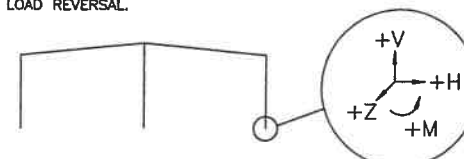
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 Folio#

SEP 23 2009

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REACTION NOTES:

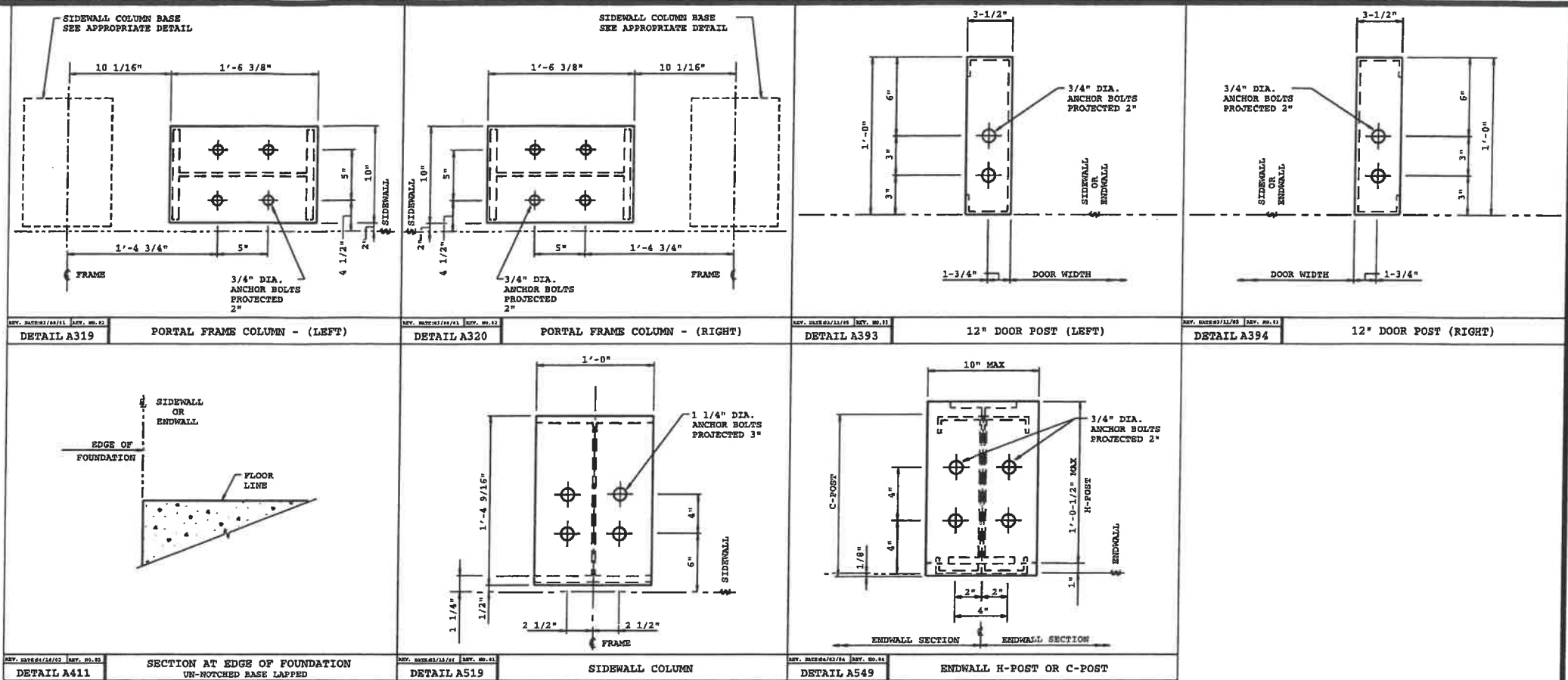
- THE VERTICAL (V) AND HORIZONTAL (H AND Z) REACTIONS ARE STATED IN KIPS. (1 KIP = 1000 POUNDS) MOMENT REACTIONS ARE STATED IN INCH-KIPS ABOUT THE Z-AXIS. POSITIVE REACTIONS ARE SHOWN IN THE DIAGRAM BELOW.
- VALUES GIVEN ARE BASE REACTIONS. THE FORCE APPLIED TO THE ANCHOR BOLTS OR FOUNDATION WILL BE IN THE OPPOSITE DIRECTION TO THAT SHOWN.
- INDIVIDUAL LOAD CASE REACTIONS ARE UNFACTORED VALUES FROM A FIRST ORDER ANALYSIS. APPROPRIATE LOAD FACTORS MUST BE APPLIED FOR DESIGN OF FOUNDATIONS.
- MAX POS AND MAX NEG REACTIONS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ARE COMPUTED FROM ASD LOAD COMBINATIONS USED IN THE FRAME DESIGN. THE INDIVIDUAL MAX REACTIONS MAY NOT BE CAUSED BY THE SAME LOAD COMBINATION.
- SEISMIC REACTIONS SHOWN ARE CONSISTENT WITH THE BASE SHEAR (V) FROM THE SPECIFIED BUILDING CODE WITHOUT ANY FACTORS APPLIED.
- BRACING REACTIONS
  - THE WIND LOAD BRACING REACTIONS DO NOT INCLUDE EP1, EP2 AND ES1 REACTIONS FROM THE INTERMEDIATE FRAMES. THESE REACTIONS SHOULD BE COMBINED TO GET THE TOTAL REACTIONS FOR THE FOUNDATION DESIGN.
  - HORIZONTAL SIDEWALL BRACING REACTIONS (H) ARE IN THE Z-AXIS DIRECTION PERPENDICULAR TO THE FRAME LINE.
  - BRACING FORCES MAY ACT IN BOTH THE POSITIVE AND NEGATIVE DIRECTION DUE TO LOAD REVERSAL.



8/10/09  
 Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FI PE # 62315

USERNAME: calinaghian 08-07-2009 18:14:33  
 O:\Orders\174243\ExecDwg\174243-1a.dwg

REVISION NO. 1		REVISION NO. 2		 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:		
DATE:		DATE:				DAVIS CONSTRUCTION ENTE	Multi-Assy Facility	100X100X20 LRF	SPECIFIC	DRW: AALINAGHIA	ENG:	CHK:	DATE: 08/07/09
DRAWN BY:		DRAWN BY:				SAFETY HARBOR, FL	Lithia, FL	20# LL + 3#CLL	REACTION DRAWING	DRAWING NUMBER:	REV.	CHECKED BY:	
CHECKED BY:		CHECKED BY:				120 MPH EXP B FL 07		D 09-174243-01A	00				
						with 2009 Supplement							



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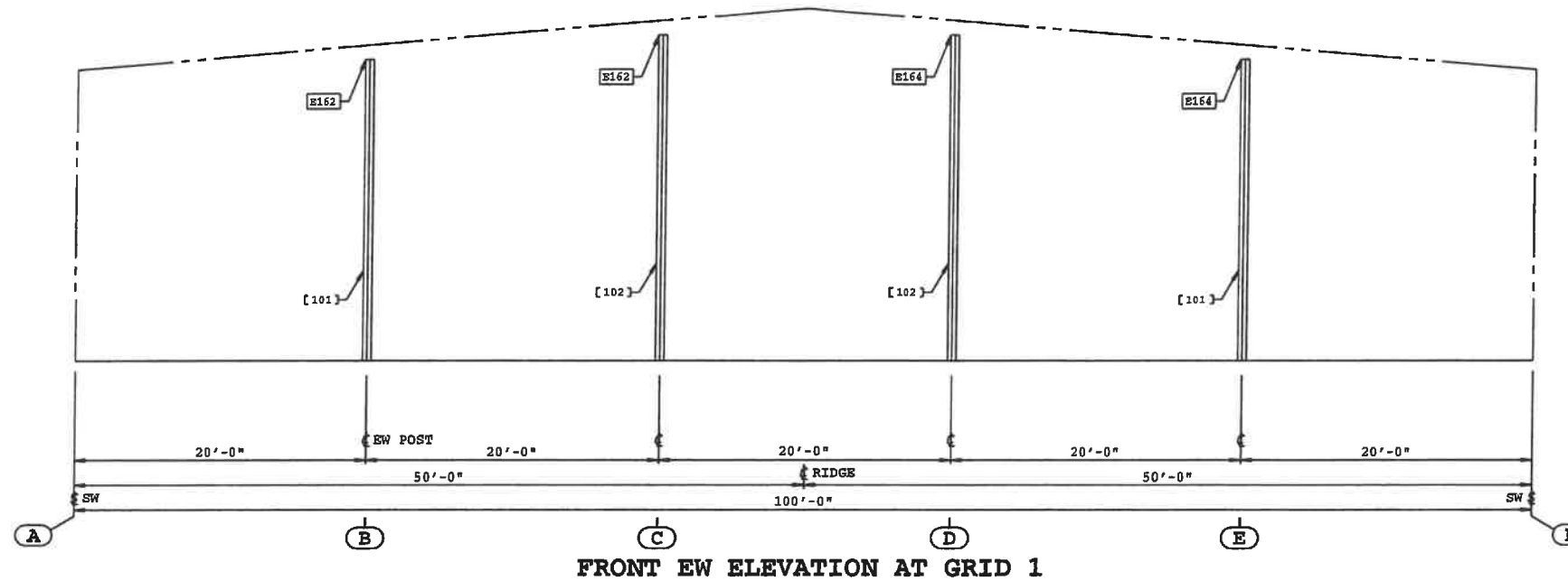
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DRAWN BY:	DRAWN BY:	SAFETY HARBOR, FL	Lithia, FL			20# LL + 3#CLL		DRAWING NUMBER:	REV.		
CHECKED BY:	CHECKED BY:			120 MPH EXP B FL 07 with 2009 Supplement	D09-174243-01B	00					

PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
101	12" DBL EW POST AS	600818 248-4	20'-8 1/2"	
102	12" DBL EW POST AS	600818 268-4	22'-4 1/2"	

STANDARD NOTES:  
 IF0010 ALL HIGH STRENGTH BOLTS ARE A-325-T WITH HEAVY HEX NUTS AND ARE TO BE INSTALLED USING THE SNUG TIGHT METHOD SPECIFIED IN THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", PUBLISHED BY RCSC, DATED JUNE 30, 2004. SNUG TIGHT CONDITION IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRON WORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT.



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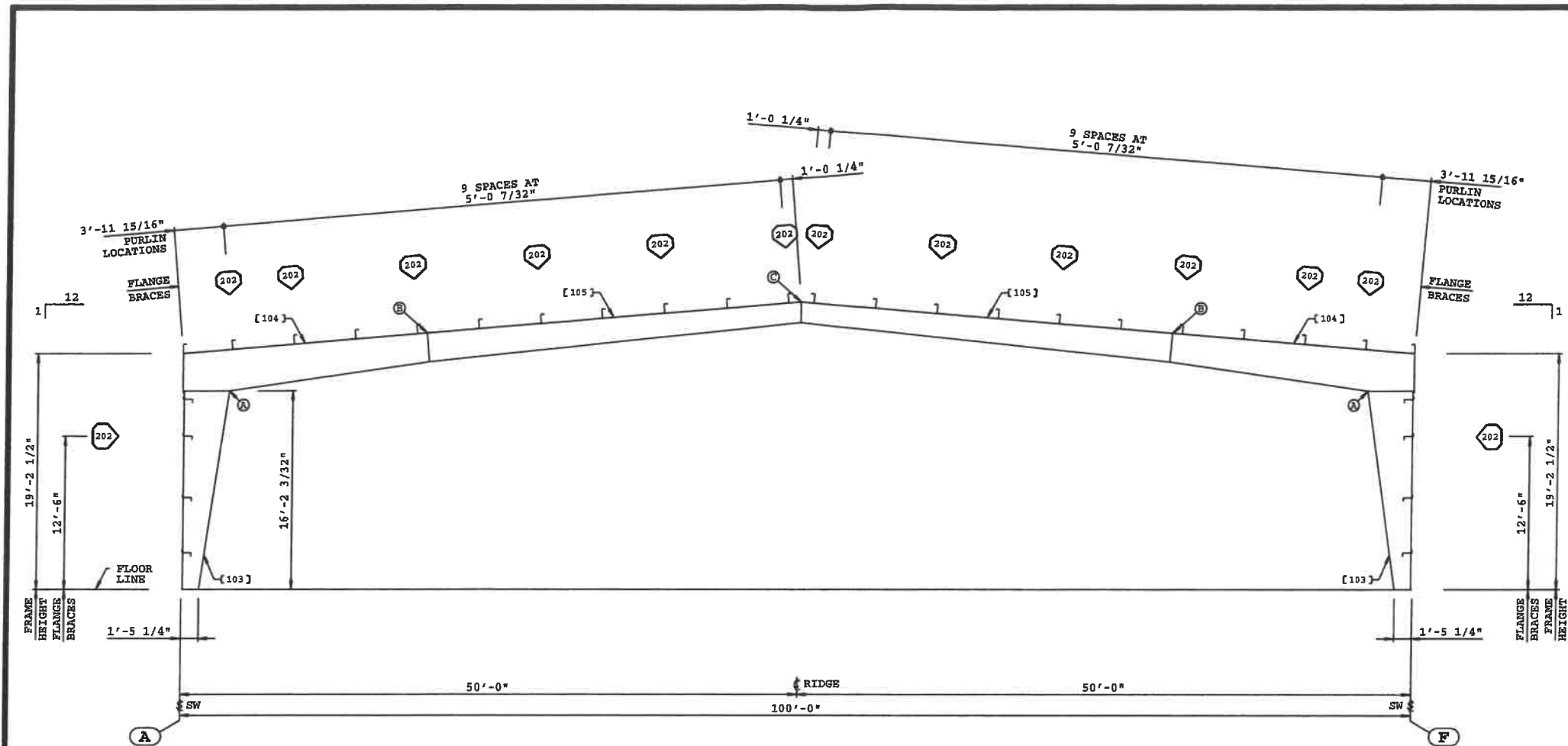
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DATE:	DATE:	DAVIS CONSTRUCTION ENTERPRISE	Multi-Assy Facility			100X100X20 LRF	CROSS SECTION ERECTION DRAWING	CHK:	DATE: 08/07/09		
DRAWN BY:	DRAWN BY:	SAFETY HARBOR, FL	Lithia, FL			20# LL + 3#CLL		DRAWING NUMBER:	REV.		
CHECKED BY:	CHECKED BY:			120 MPH EXP B FL 07 with 2009 Supplement	D09-174243-02	00					





FRAME ELEVATION AT GRIDS 2,3,4,5, AND 6

PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
103	EXTERIOR COLUMN	L60230	16'-2 3/32"	
104	ROOF BEAM	L60232	19'-10"	
105	ROOF BEAM	L60234	30'-3 15/16"	

BOLTED CONNECTION SCHEDULE					
○	QUANTITY	BOLT NO.	DESCRIPTION	NUT NO.	DETAIL
A	20	097284	3/4X2-1/2 HS BOLT A3	095235	
B	08	097284	3/4X2-1/2 BOLT A325T	095235	
C	12	097284	3/4X2-1/2 BOLT A325T	095235	

FLANGE BRACE SCHEDULE				
○	PART NO. FRONT/LEFT	PART NO. REAR/RIGHT	DIM. "Y"	DETAIL FIELD WORK ▲
202	SINGLE	SINGLE		

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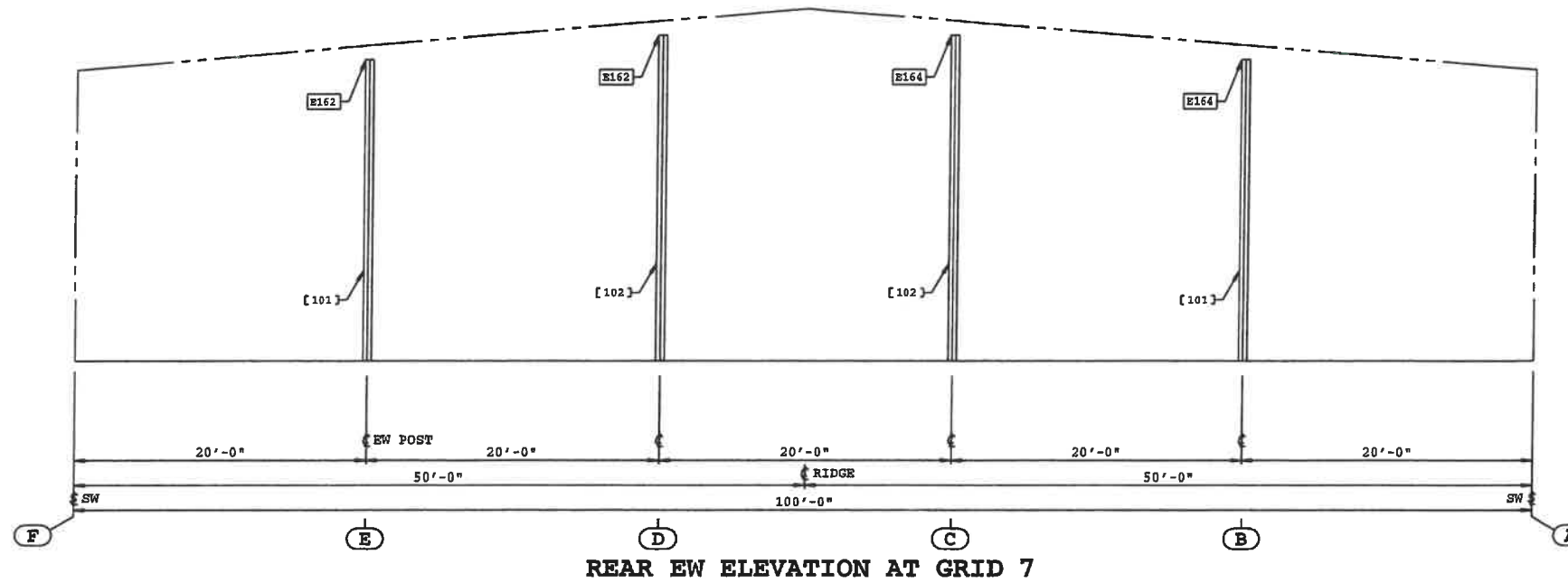
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DATE:	DATE:	DAVIS CONSTRUCTION ENTERPRISE SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL			100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	CROSS SECTION ERECTION DRAWING	CHK:	DATE: 08/07/09		
DRAWN BY:	DRAWN BY:	CHECKED BY:	CHECKED BY:			DRAWING NUMBER: <b>D09-174243-02A</b>	REV. <b>00</b>				

PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
101	12" DBL EW POST AS	600818 248-4	20'-8 1/2"	
102	12" DBL EW POST AS	600818 268-4	22'-4 1/2"	



**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Follow:

SEP 23 2009

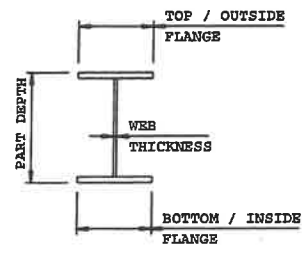
The issuance of this permit shall not be held to Permit or approve the violation of any County State or Federal Code or Regulation

*PK* 8/10/09

Patrick A. Kreuser  
P.O. Box 1529  
Laurinburg, NC 28353  
EPE # 09215

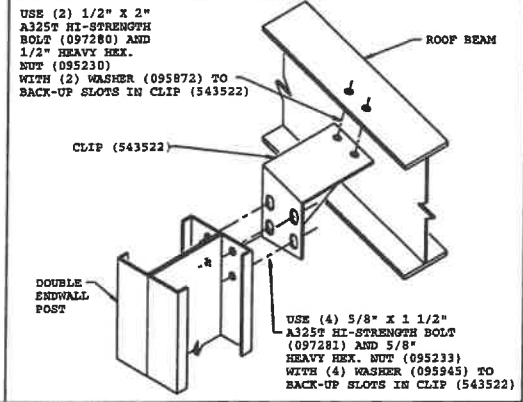
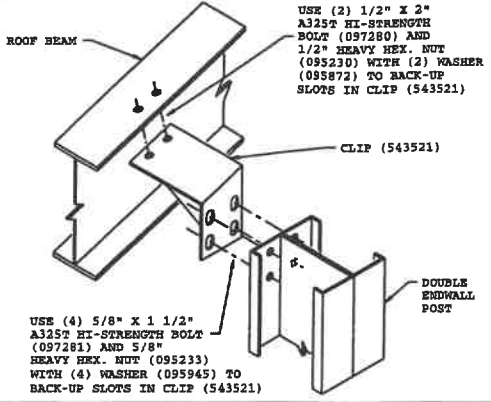
REVISION NO. 1		REVISION NO. 2		 Butler Manufacturing BlueScope Buildings North America, Inc.	 PRODUCT OF THE ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:		DATE:				DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	CROSS SECTION ERECTION DRAWING	CRK:	DATE: 08/07/09	
DRAWN BY:		DRAWN BY:								DRAWING NUMBER:	REV.	
CHECKED BY:		CHECKED BY:										
										D 09-174243-02B		00



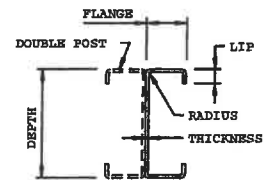


**FRAME DESIGN INFORMATION**

PART	DESCRIPTION
L60230	TOP FLANGE = 8" X .500"
EXTERIOR COLUMN	BOTTOM FLANGE = 8" X .313"
	WEB THICKNESS = .250"
	PART DEPTH = 16" TO 44"
L60232	TOP FLANGE = 8" X .375"
ROOF BEAM	BOTTOM FLANGE = 8" X .500"
	WEB THICKNESS = .281"
L60234	PART DEPTH = VARIES 40" TO 28"
	TOP FLANGE = 6" X .375"
	BOTTOM FLANGE = 6" X .500"
	WEB THICKNESS = .188" - LOW END TO 19'-11 5/16" FROM LOW END .140" - 19'-11 5/16" FROM LOW END TO HIGH END
	PART DEPTH = VARIES 28" TO 20"



REV. NO. 01/11/07	REV. NO. 02	DOUBLE 12" POST TOP CONNECTION (LEFT) INTERMEDIATE FRAME ENDWALL (LOW SLOPE)	REV. NO. 01/11/07	REV. NO. 01	DOUBLE 12" POST TOP CONNECTION (RIGHT) INTERMEDIATE FRAME ENDWALL (LOW SLOPE)
DETAIL E162			DETAIL E164		



**C - SECTION DESIGN INFORMATION**

PART	DEPTH	FLANGE	LIP	THICKNESS	RADIUS
12" DBL EW POST AS 600818	1'-0"	3 1/2"	7/8"	.113"	5/16"

**FOR PERMIT ONLY**

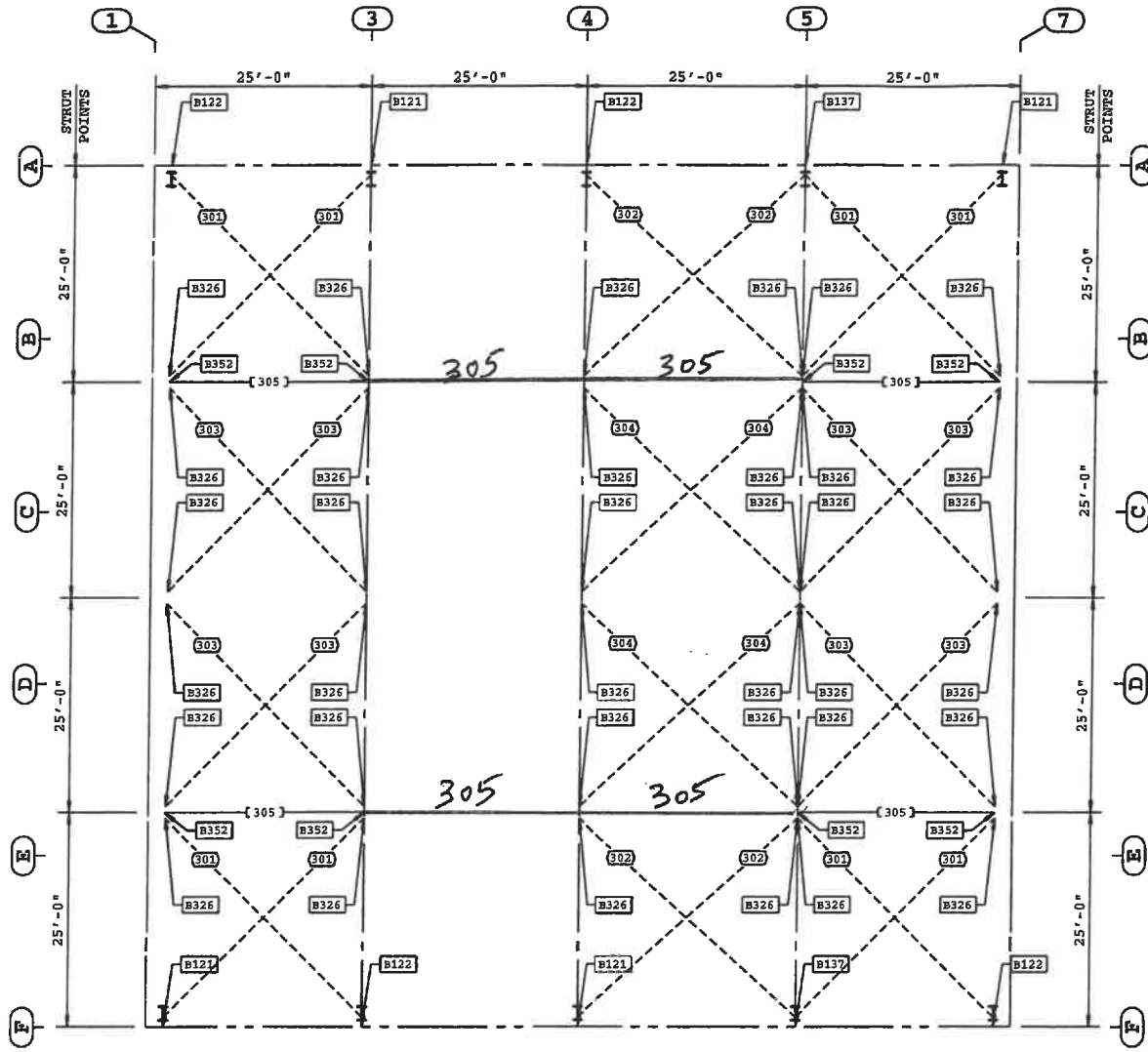
Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Folio#

SEP 28 2009

The issuance of this permit shall not be held to Permit or approve the violation of any County State or Federal Code or Regulation

*Patrick A. Kreuser*  
8/10/09  
Patrick A. Kreuser  
P.O. Box 1529  
Laurinburg, NC 28353  
FIPE # 62315

REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>PRONTO</b> ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: RALINAGHIA	ENG:	
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	CROSS SECTION ERECTION DRAWING DETAIL SHEET	CHEK:	DATE: 08/07/09	REV.
DRAWN BY:	DRAWN BY:							DRAWING NUMBER:		
CHECKED BY:	CHECKED BY:							D 09-174243-02C	00	



ROOF BRACING

PART SCHEDULE				
QTY	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK
1	BOX STRUT .077	544243 273-5	22'-9 5/8"	▲

BRACE ROD SCHEDULE				
QTY	PART NUMBER	DESCRIPTION	THREAD	TURNBUCKLE
301	544049 -388	3/4 RH-RH BR ROD	RH-RH	NONE
302	544049 -405	3/4 RH-RH BR ROD	RH-RH	NONE
303	544048 -405	5/8 RH-RH BR ROD	RH-RH	NONE
304	544048 -422	5/8 RH-RH BR ROD	RH-RH	NONE

STANDARD NOTES:  
 WB0008 BLACK THREAD PROTECTORS INDICATE 1/2" BRACE RODS  
 RED THREAD PROTECTORS INDICATE 5/8" BRACE RODS  
 YELLOW THREAD PROTECTORS INDICATE 3/4" BRACE RODS  
 ORANGE THREAD PROTECTORS INDICATE 7/8" BRACE RODS  
 GREEN THREAD PROTECTORS INDICATE 1" BRACE RODS  
 WHITE THREAD PROTECTORS INDICATE 1 1/8" BRACE RODS  
 WB0009 6-5/8 X 0.156 Round HSS Sections may be substituted for 8 X 0.077 sections at the discretion of Manufacturing which are of equal or greater structural capacity.

Add (4) New Box struts as shown

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Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Follow

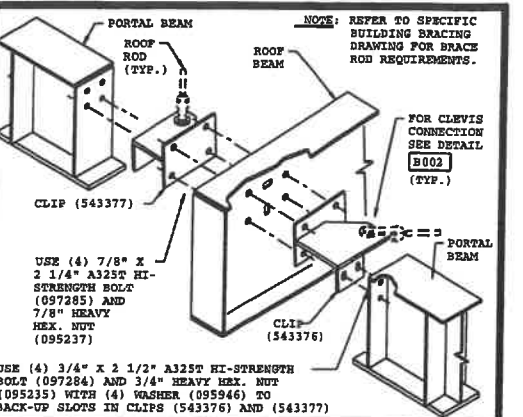
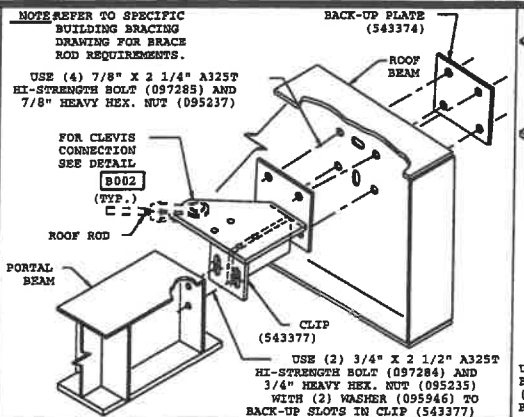
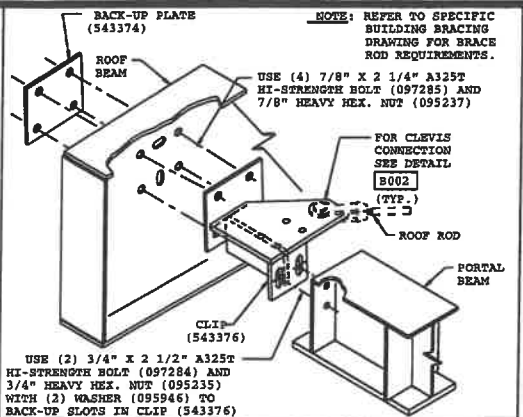
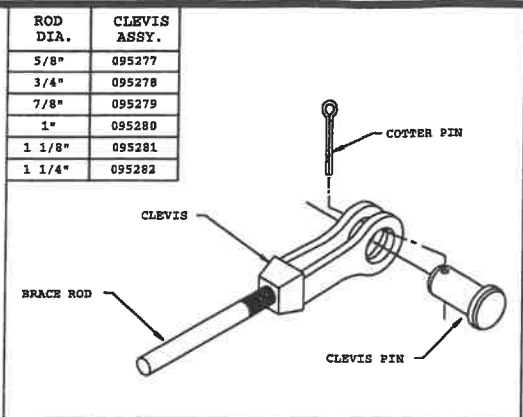
SEP 21 2009

The issuance of this permit shall not be held to Permit or approve the violation of any County State or Federal Code or Regulation

*Patrick A. Kreuser* 8/10/09

Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353

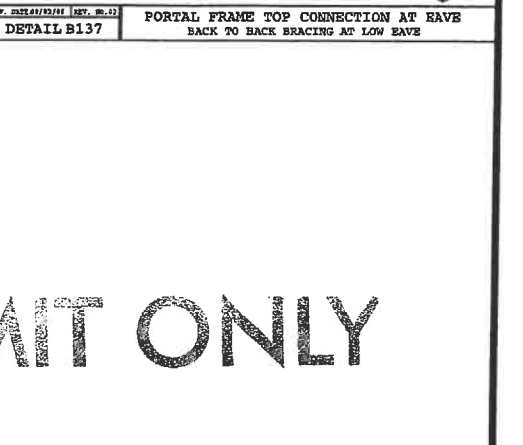
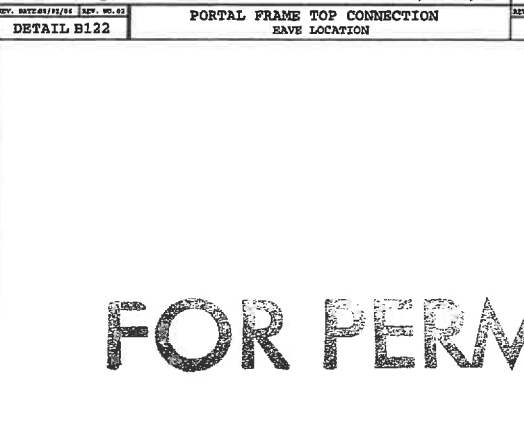
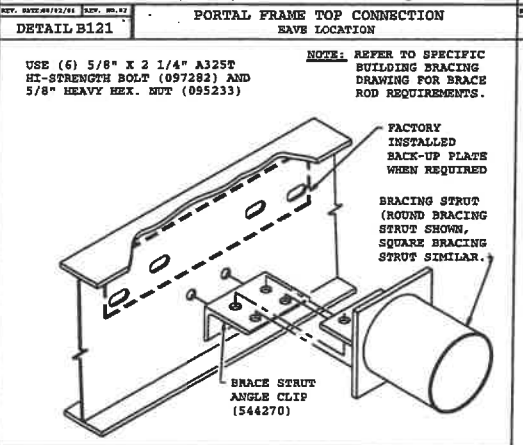
REVISION NO. 1		REVISION NO. 2		 Butler Manufacturing BlueScope Buildings North America, Inc.	 PRODUCT OF THE ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:		DATE:				DAVIS CONSTRUCTION ENTERPRISE SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	WIND BRACING DRAWING	CHK:	DATE: 08/07/09	
DRAWN BY:		DRAWN BY:								DRAWING NUMBER:		REV.
CHECKED BY:		CHECKED BY:										
										D09-174243-03		00



REV. 03/28/01/01/01 REV. NO. 01  
DETAIL B002 TYPICAL CLEVIS CONNECTION

ROD DIA.	NUT	WASHERS		
		A	B	C
1/2"	095032	095872	095946	043657
5/8"	095231	095945	095946	043657
3/4"	095235	095947	095948	043658
7/8"	095237	095947	095948	043658
1"	095238	095948	095949	043659
1-1/8"	095239	095949	095949	043659

NUT  
A WASHER  
B WASHER  
C WASHER (BEVEL WASHER)  
BRACE ROD  
CONNECTING STEEL  
SLOT



**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Constructor Codes Folio#

SEP 28 2009

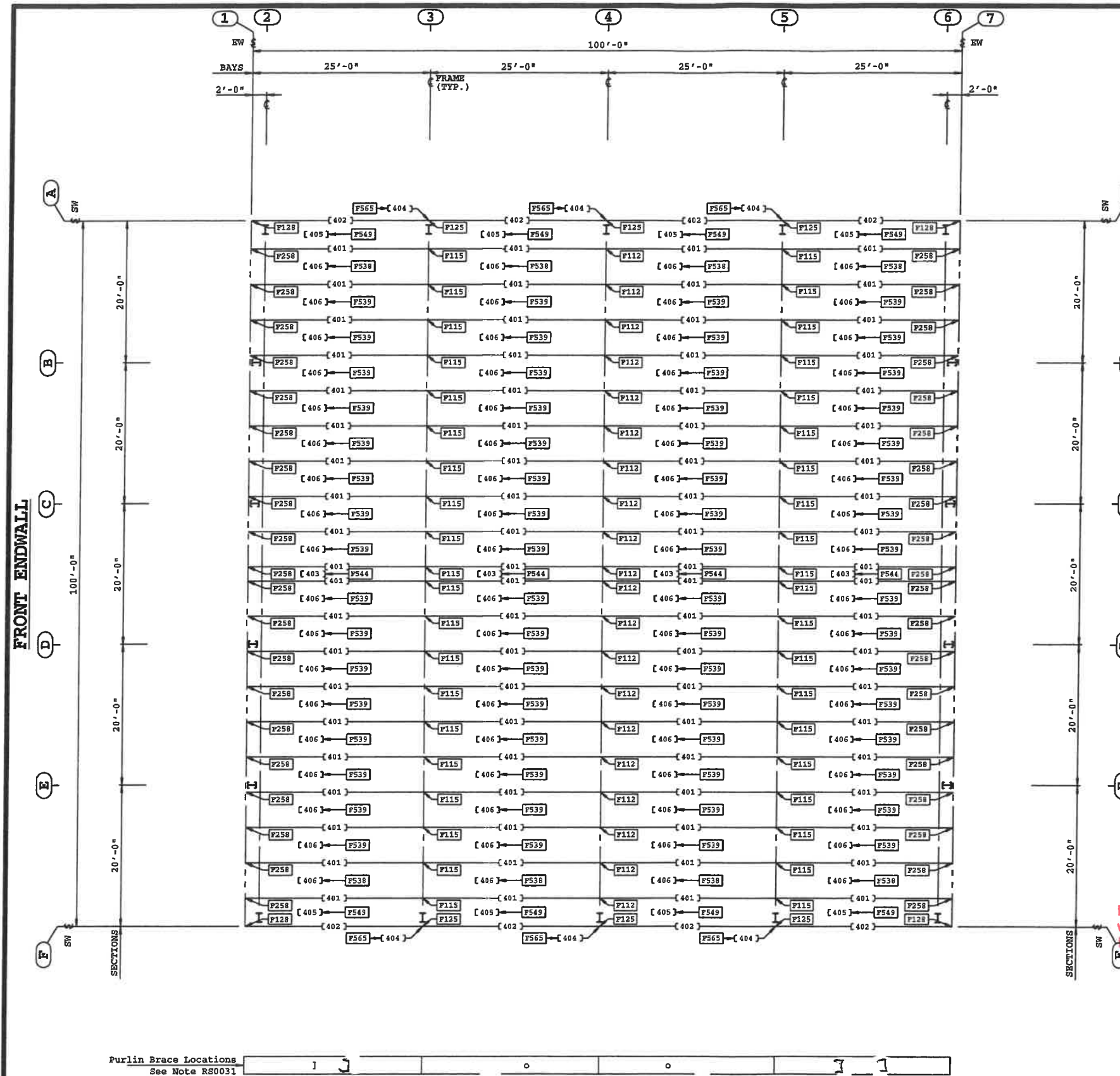
The issuance of this permit shall not be held to Permit or approve the violation of any County State or Federal Code or Regulation

8/10/09

Patrick A. Kreuser  
P.O. Box 1529  
Laurinburg, NC 28353  
FIPS # 00000

REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	WIND BRACING DETAIL SHEET	CHK:	DATE: 08/07/09	
DRAWN BY:	DRAWN BY:			CHECKED BY:	CHECKED BY:	DRAWING NUMBER:	REV.			
								D 09-174243-03A	00	





PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
401	PUR P 9.5X.067 2CP	530900 335-4	27'-11 1/2"	
402	LS ES P 9.5X.096	540515 299-4	24'-11 1/2"	
403	CHANNEL RIDGE BR 1:12	544021	1'-5 11/16"	
404	E PURLIN BRC ASY	544260 049-0	4'-1"	
405	E PURLIN BRC ASY	544260 049-0	4'-1"	
406	CHNL BRC - 61-11/16	544285	5'-1 3/4"	

STANDARD NOTES:  
 RS0029 INSTALL PURLIN BRACES AT THE RIDGE AND WORK TOWARD THE EAVE.  
 RS0031 PURLINS HAVE CLUSTERS OF 4 HOLES FOR ATTACHING PURLIN BRACES. THESE CLUSTERS ARE REPRESENTED BY ONE OF THE SYMBOLS BELOW:  
 O - DO NOT INSTALL PURLIN BRACES AT THIS CLUSTER LOCATION.  
 [ - INSTALL PURLIN BRACES AT THIS CLUSTER LOCATION. BRACES MAY ONLY BE REQUIRED AT THE RIDGE. SEE PLAN.  
 E - INSTALL PURLIN BRACES AT THIS CLUSTER LOCATION. RIDGE BRACES ARE REQUIRED STRUCTURALLY BUT INTERMEDIATE BRACES ARE ONLY TO AID IN PURLIN ALIGNMENT DURING INSTALLATION.

All Purlins & Purlin braces same as Existing

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Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes

SEP 23 2009

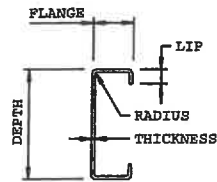
The issuance of this permit shall not be held to permit or approve the violation of any County State or Federal Code or Regulation

*[Signature]*  
 8/10/09  
 Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FILE # 07515

ROOF SECONDARY STRUCTURAL FRAMING PLAN

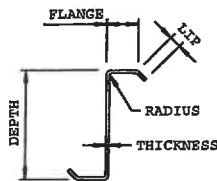
REVISION NO. 1		REVISION NO. 2		 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>PROVID</b> ORDER ENGINEERING SYSTEM	BUILDER: <b>DAVIS CONSTRUCTION ENTERPRISES</b> SAFETY HARBOR, FL	PROJECT: <b>Multi-Assy Facility</b> Lithia, FL	BUILDING ORDER DESCRIPTION: <b>100X100X20 LRF</b> <b>20# LL + 3#CLL</b> <b>120 MPH EXP B FL 07</b> with 2009 Supplement	DRAWING TITLE: <b>ROOF</b> <b>SECONDARY STRUCTURAL</b> <b>FRAMING PLAN</b>	DRW: AALINAGHIA ENG:	CHK:	DATE: 08/07/09
DATE:	DATE:	DATE:	DATE:			DRAWING NUMBER: <b>D09-174243-04</b>	REV.:					
DRAWN BY:	DRAWN BY:	DRAWN BY:	DRAWN BY:				00					
CHECKED BY:	CHECKED BY:	CHECKED BY:	CHECKED BY:									





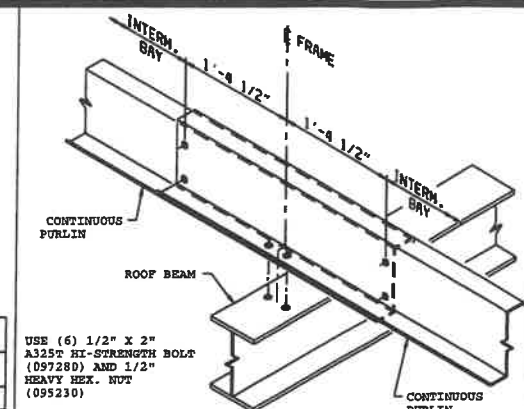
**C - SECTION DESIGN INFORMATION**

PART	DEPTH	FLANGE	LIP	THICKNESS	RADIUS
LS RS P 9.5X.096 540515	9 1/2"	3 1/2"	1 1/8"	.096"	5/16"

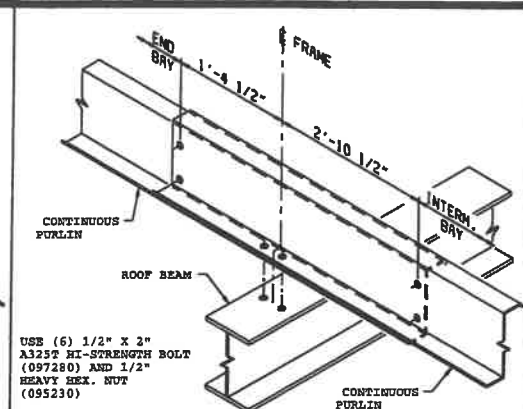


**Z - SECTION DESIGN INFORMATION**

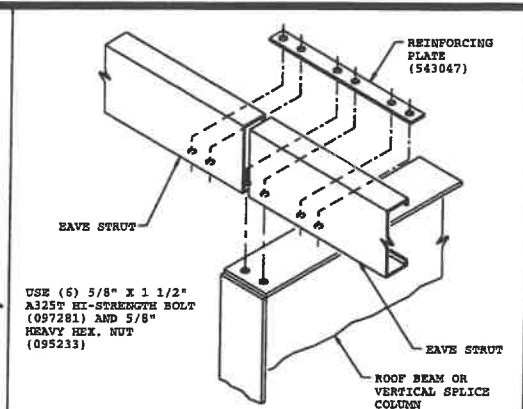
PART	DEPTH	FLANGE	LIP	THICKNESS	RADIUS
PUR P 9.5X.067 2CP 530900	9 1/2"	2 3/4"	1 1/16"	.067"	1/4"



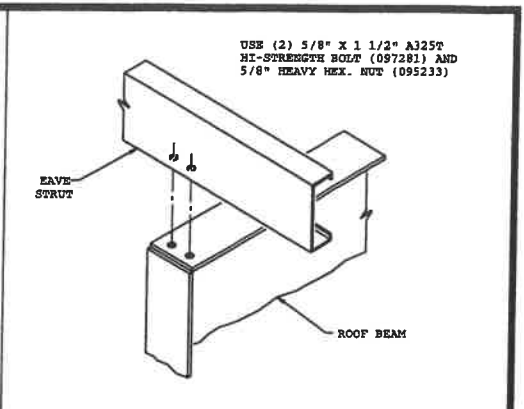
REV. DATE: 01/11/09 REV. NO. 02  
**DETAIL F112** CONTINUOUS SPAN 9 1/2" PURLIN LAP INTERMEDIATE BAY STRUCTURAL CONNECTION



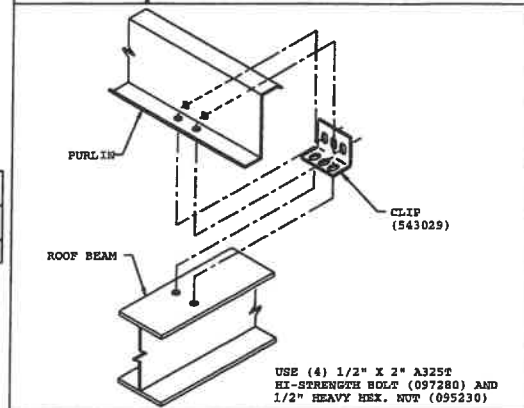
REV. DATE: 01/11/09 REV. NO. 03  
**DETAIL F115** CONTINUOUS SPAN PURLIN CONNECTION END BAY 9 1/2" PURLIN LAP - STRUT CONN. W/BOLTS



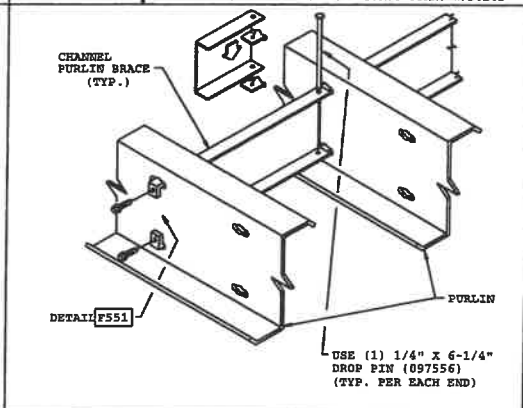
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F125** EAVE STRUT CONNECTION TO INTERN. FRAME STRUT CONNECTION



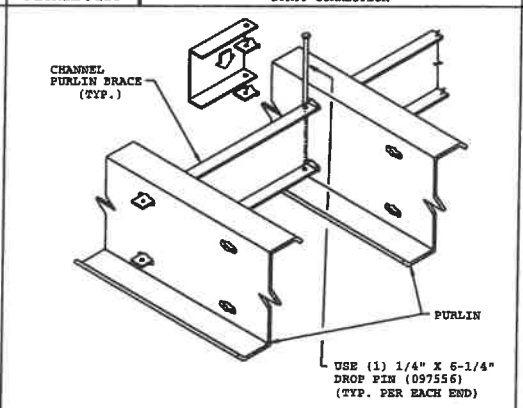
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F128** EAVE STRUT CONN. TO INT. FRAME ENDWALL



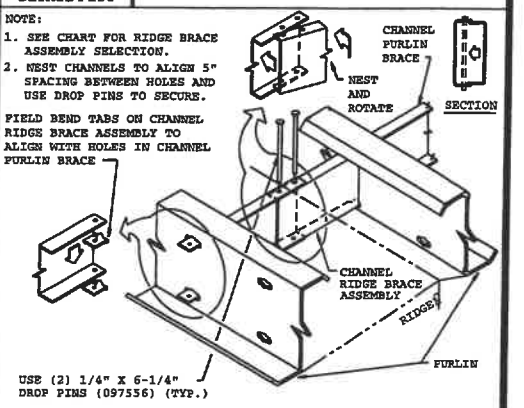
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F258** PURLIN CONNECTION TO ENDWALL ROOF BEAM



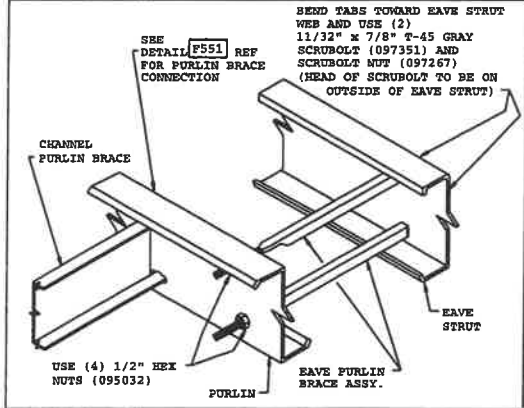
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F538** SINGLE CHANNEL PURLIN BRACE ENDING AT PURLIN WEB LOCATION



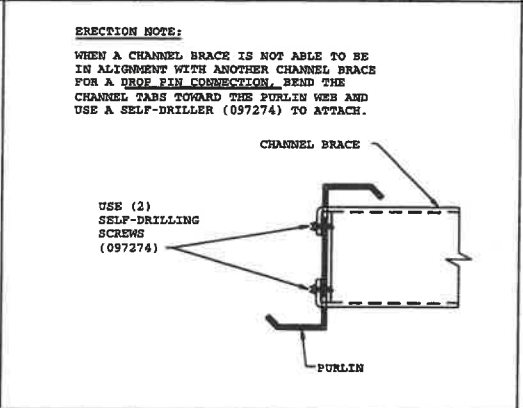
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F539** SINGLE CHANNEL PURLIN BRACE INTERMEDIATE LOCATION



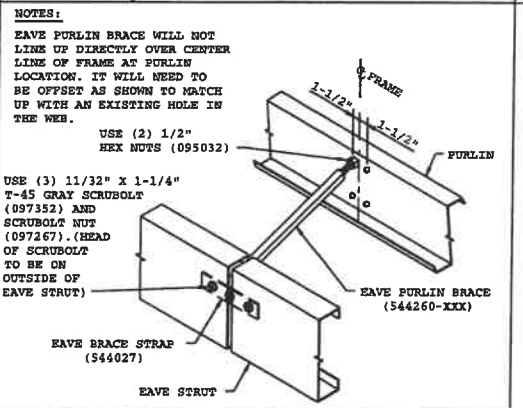
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F544** CHANNEL RIDGE BRACE ASSEMBLY SINGLE BRACE AT SYMMETRICAL RIDGE



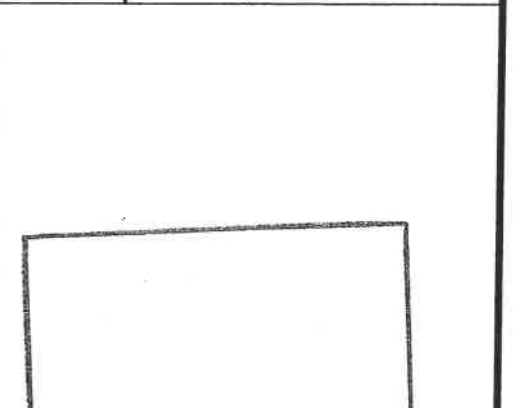
REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F549** PURLIN BRACE AT EAVE-TOP PURLIN FLANGE AWAY FROM STRUCT. LINE



REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F551** CHANNEL BRACE ENDING AT PURLIN WEB SELF-DRILLER WITH BENT TABS



REV. DATE: 01/11/09 REV. NO. 01  
**DETAIL F565** EAVE BRACE STRAP AT INTERMEDIATE FRAMES PURLIN BRACE OFFSET AT PURLIN LOCATION



REV. DATE: 01/11/09 REV. NO. 01

**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes. Folio#

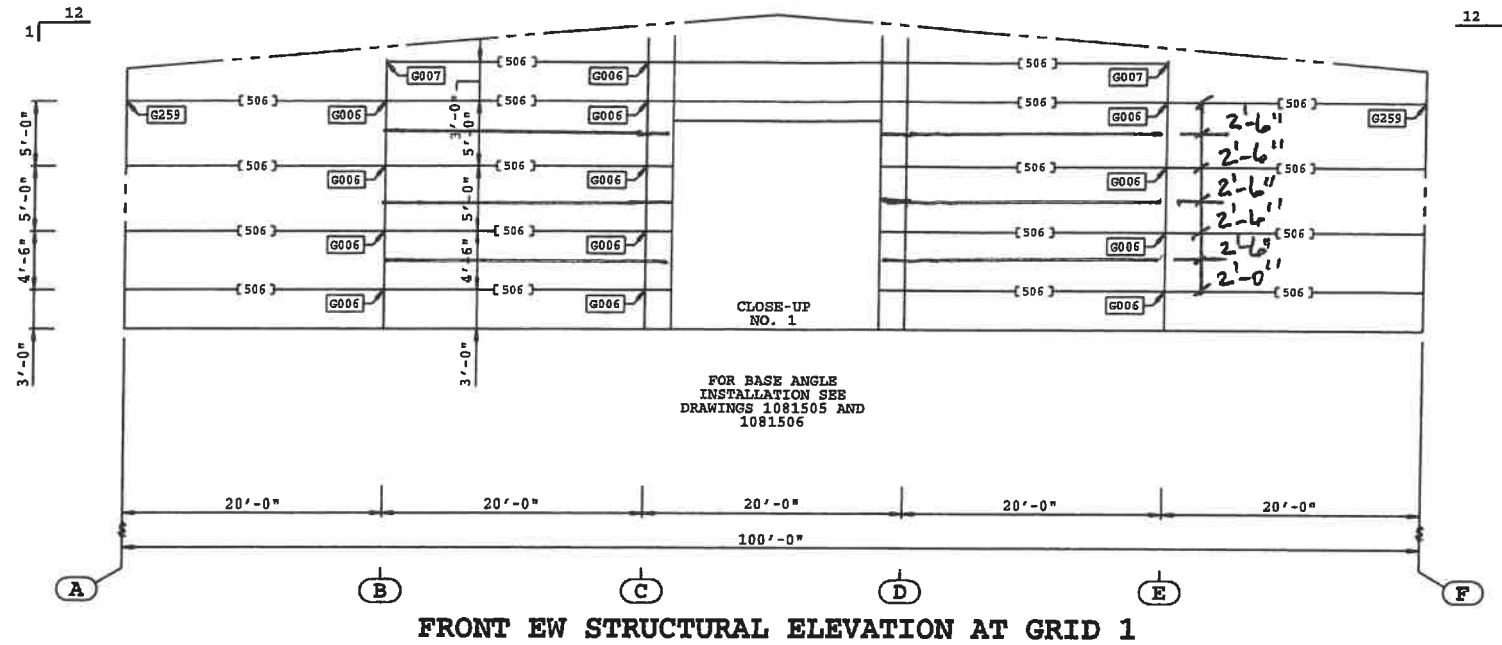
*Patrick A. Kreuser*  
 8/10/09  
 Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 PIPE # 60315

SEP 23 2009

The issuance of this permit shall not be held to permit or approve the violation of any County State or Federal Code or Regulation

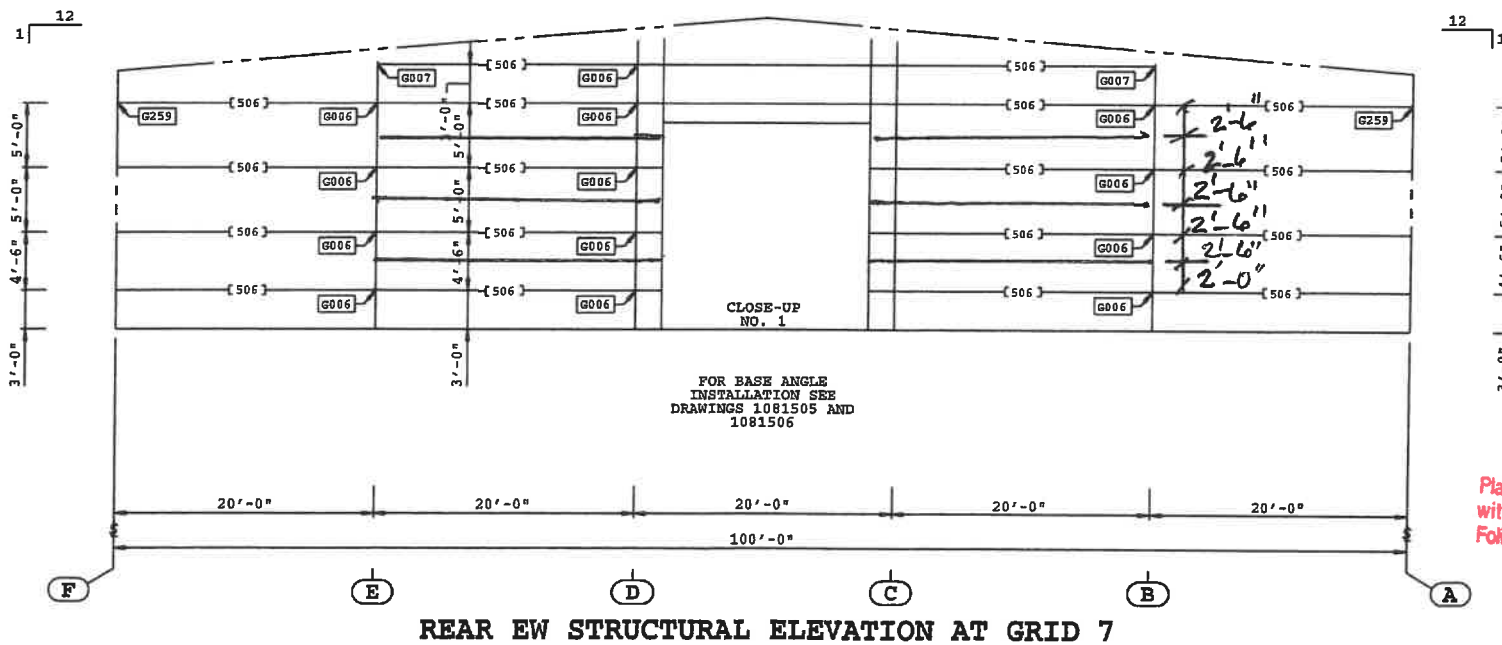
REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	ROOF SECONDARY STRUCTURAL DETAIL SHEET	CHK:	DATE: 08/07/09
DRAWN BY:	DRAWN BY:							DRAWING NUMBER:	REV.
CHECKED BY:	CHECKED BY:							<b>D09-174243-04A</b>	<b>00</b>

FOR GABLE ANGLE  
INSTALLATION SEE  
DRAWING 1080944



FRONT EW STRUCTURAL ELEVATION AT GRID 1

FOR GABLE ANGLE  
INSTALLATION SEE  
DRAWING 1080944



REAR EW STRUCTURAL ELEVATION AT GRID 7

PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
502	GIRT UP 9.5X.060	550303 013-2	1'-1 1/4"	
503	GIRT UP 9.5X.077	550324 181-2	15'-1 1/4"	
506	GIRT UP 9.5X.096	550326 229-2	19'-1 1/4"	
507	12" DOOR HEADER V/	580285 191-4	15'-11 1/2"	
508	12" DOOR POST V/L	580288 270-4	22'-6 1/2"	

**STANDARD NOTES:**

WS0006 FILL ALL OPEN HOLES IN DOOR POST WEBS WITH PLASTIC SNAP-IN PLUGS (097229).

WS0014 UNPUNCHED GIRTS ARE SUPPLIED AT OVERHEAD OR SLIDE DOORS. PUNCHED WALL SYSTEMS REQUIRE THE FIELD DRILLING OF THE 5/16" PANEL ATTACHMENT HOLES IN THE GIRT FLANGE.

WS0023 **I M P O R T A N T**  
\*\*\*\*\*  
REFER TO PRONTO DETAIL G047 FOR PROPER GIRT ALIGNMENT.

WS0027 **I M P O R T A N T**  
\*\*\*\*\*  
WALL SAG STRAPS ARE PART OF GIRT DESIGN; THEREFORE, THEY NEED TO BE INSTALLED OR GIRTS MAY BE DEFICIENT.

**SPECIAL NOTES:**

WS00101 Framed Opening Cut-list See job specific detail sheet for struct. framed opening details N510,N513,N511,N512,G244 For trim details see Plano-graph 1081175 & 1081176

Opening width, height, qty 3'-4", 3'-4", 4  
Jamb length left, right 9'-6", 9'-6"  
Part number, length, depth 0580689, 14', 9.5"  
Field cut 1 @ 9'-6"  
Field cut 1 @ 3'-4"

Part number, length, depth 0580689, 14', 9.5"  
Field cut 1 @ 9'-6"  
Field cut 1 @ 3'-4"

WS00102 Framed Opening Cut-list See job specific detail sheet for struct. framed opening details N510,N513,N511,N512,G244 For trim details see Plano-graph 1081175 & 1081176

Opening width, height, qty 4'-0", 5'-0", 4  
Jamb length left, right 9'-6", 9'-6"  
Part number, length, depth 0580689, 14', 9.5"  
Field cut 1 @ 9'-6"  
Field cut 1 @ 4'-0"

Part number, length, depth 0580689, 14', 9.5"  
Field cut 1 @ 9'-6"  
Field cut 1 @ 4'-0"

ALL GIRTS 9 1/2 X 096

**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Follow

SEP 23 2009

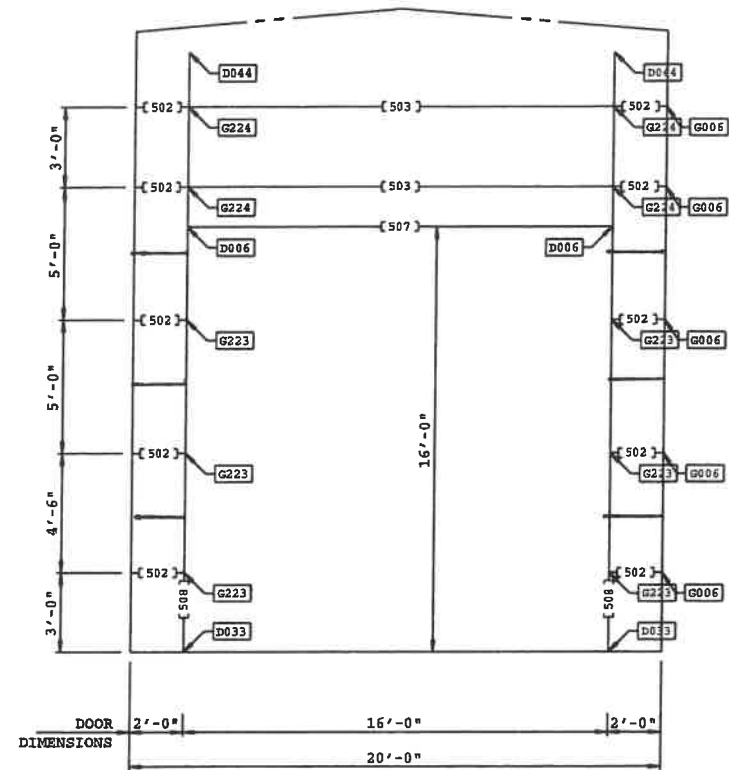
The issuance of this permit shall not be held as an approval or endorsement by the County State or Federal Code or Regulation

*Patrick A. Kreuser*  
Patrick A. Kreuser  
P.O. Box 1529  
Laurinburg, NC 28353  
FILE # 00000

REVISION NO. 1	REVISION NO. 2	 Butler Manufacturing BlueScope Buildings North America, Inc.	PRODUCT OF THE  ORDER ENGINEERING SYSTEM	BUILDER: DAVIS CONSTRUCTION ENTE SAFETY HARBOR, FL	PROJECT: Multi-Assy Facility Lithia, FL	BUILDING ORDER DESCRIPTION: 100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	DRAWING TITLE: WALL SECONDARY STRUCTURAL ELEVATION	DES: AALINAGHIA ENG:
DATE:	DATE:			CHECK:	DATE: 08/07/09	DRAWING NUMBER: D 09-174243-05	REV.	
DRAWN BY:	DRAWN BY:			00				







CLOSE-UP #1

PART SCHEDULE				
[ ]	PART NAME	PART NUMBER	PART LENGTH	FIELD WORK ▲
502	GIRT UP 9.5X.060	550303 013-2	1'-1 1/4"	
503	GIRT UP 9.5X.077	550324 181-2	15'-1 1/4"	
507	12" DOOR HEADER V/	580285 191-4	15'-11 1/2"	
508	12" DOOR POST V/L	580288 270-4	22'-6 1/2"	

**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Folio#

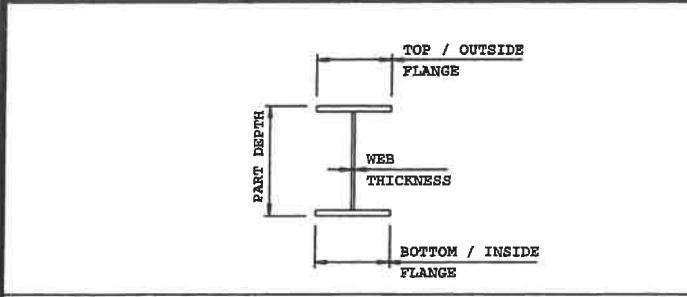
SEP 23 2009

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*Patrick A. Kreuser*  
 Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FIPE # 02315

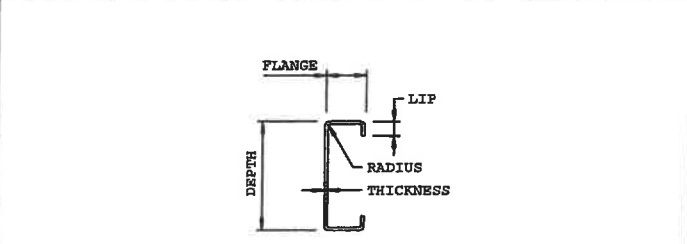
REVISION NO. 1		REVISION NO. 2		 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:		DATE:				DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	DOOR DETAIL DRAWING	CHK:	DATE: 08/07/09	
DRAWN BY:		DRAWN BY:								DRAWING NUMBER:		REV:
CHECKED BY:		CHECKED BY:										
									D09-174243-05B		00	





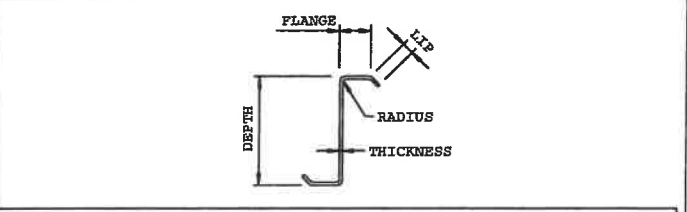
**FRAME DESIGN INFORMATION**

PART	DESCRIPTION
544146 210-7 PORTAL COLUMN	TOP FLANGE = 9" X .500" BOTTOM FLANGE = 9" X .500" WEB THICKNESS = .160" PART DEPTH = 17 3/4"
544150 261-6 PORTAL BEAM	TOP FLANGE = 9" X .500" BOTTOM FLANGE = 9" X .500" WEB THICKNESS = .281" PART DEPTH = 17 3/4"
544150 285-6 PORTAL BEAM	TOP FLANGE = 9" X .500" BOTTOM FLANGE = 9" X .500" WEB THICKNESS = .281" PART DEPTH = 17 3/4"



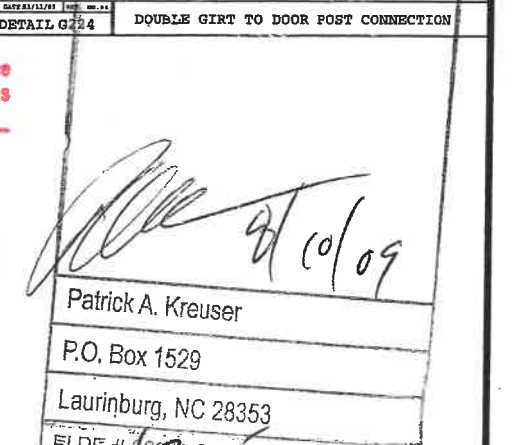
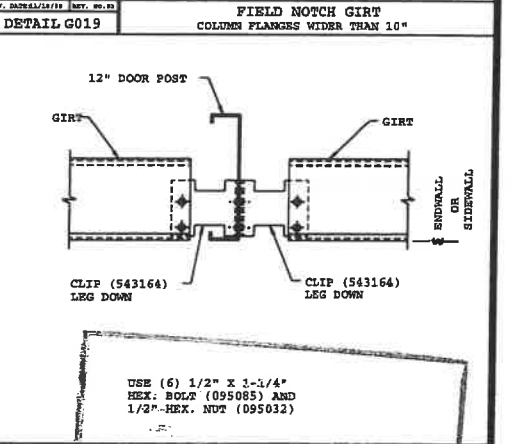
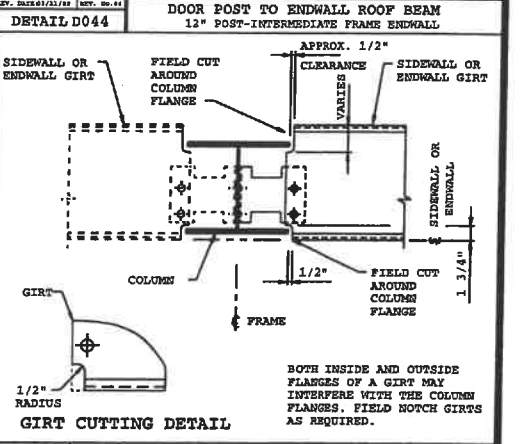
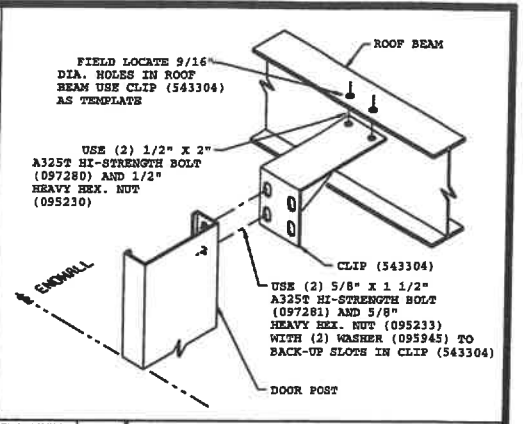
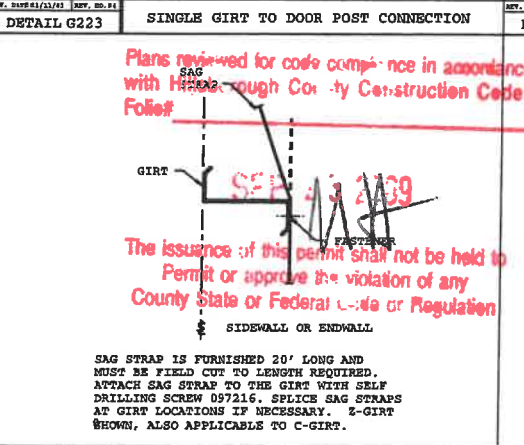
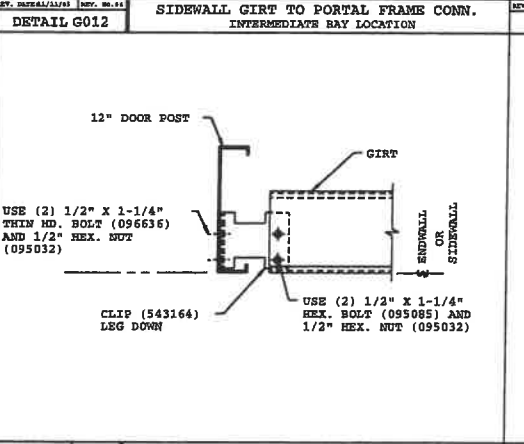
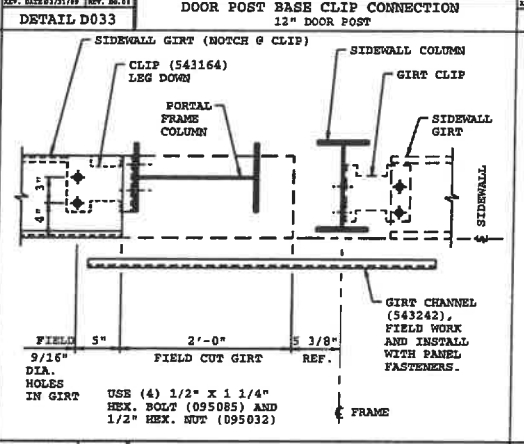
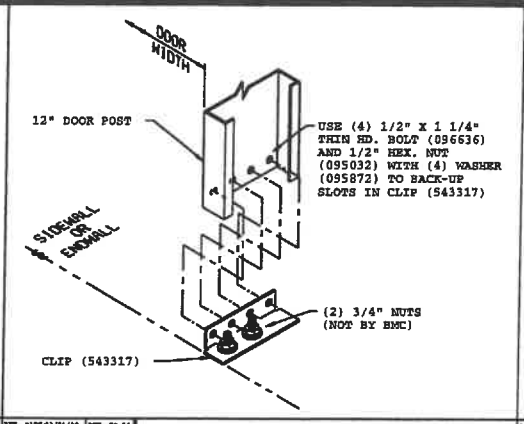
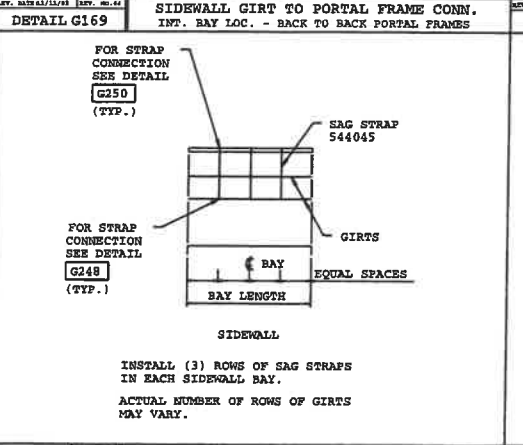
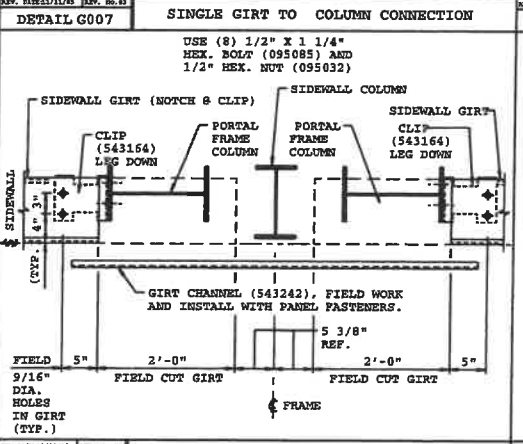
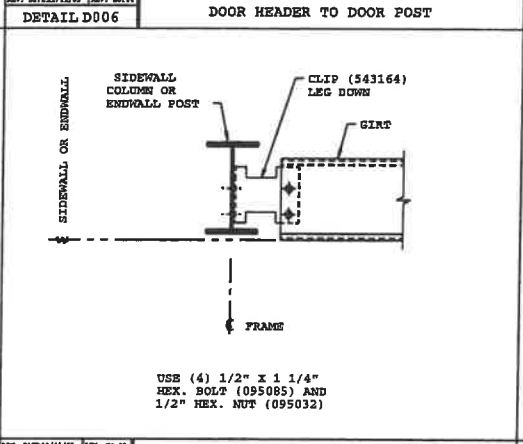
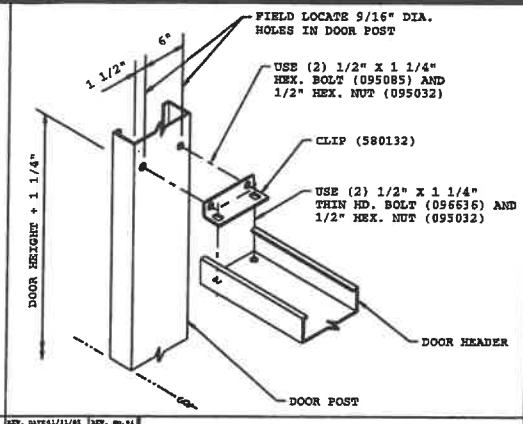
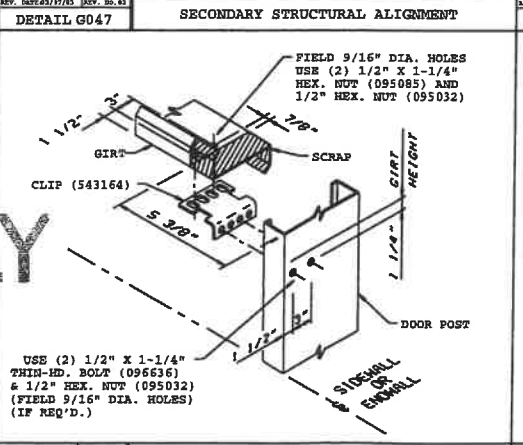
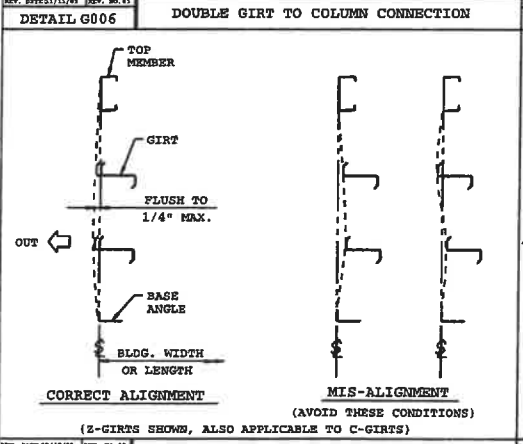
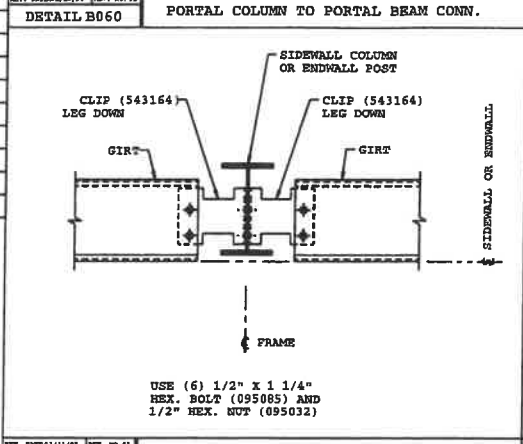
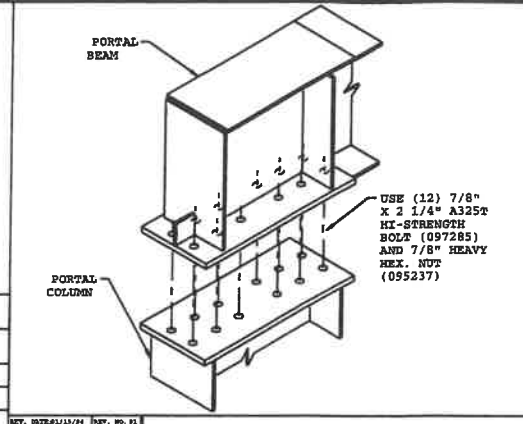
**C - SECTION DESIGN INFORMATION**

PART	DEPTH	FLANGE	LIP	THICKNESS	RADIUS
12" DOOR HEADER V/ 580285	1'-0"	3 1/2"	3/4"	.067"	5/16"
12" DOOR POST V/L 580288	1'-0"	3 1/2"	7/8"	.113"	5/16"



**Z - SECTION DESIGN INFORMATION**

PART	DEPTH	FLANGE	LIP	THICKNESS	RADIUS
GIRT UP 9.5X.060 550303	9 1/2"	2 3/4"	1 1/16"	.060"	1/4"
GIRT UP 9.5X.077 550324	9 1/2"	2 3/4"	1 1/16"	.077"	1/4"
GIRT UP 9.5X.082 550325	9 1/2"	2 3/4"	1 1/8"	.082"	1/4"
GIRT UP 9.5X.096 550326	9 1/2"	2 3/4"	1 3/16"	.096"	1/4"



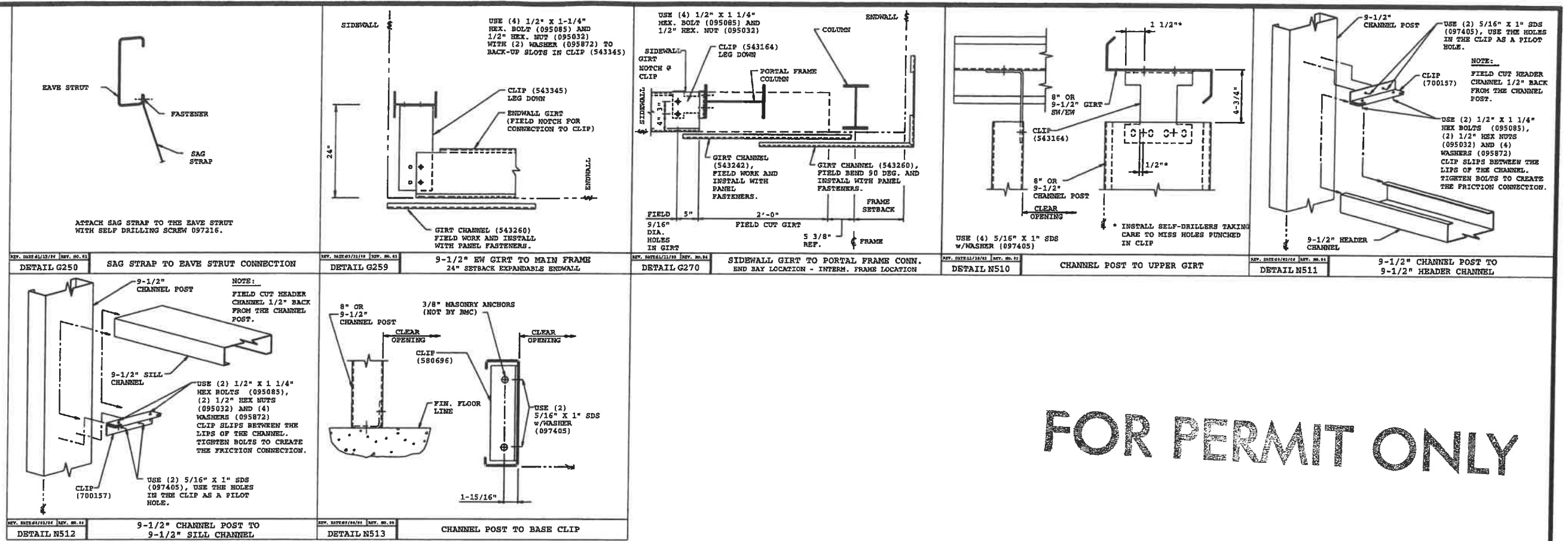
**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with applicable County Construction Codes  
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Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FIPE # 62315

REVISION NO. 1	REVISION NO. 2	<p>Butler Manufacturing BlueScope Buildings North America, Inc.</p>	<p>PRODUCT OF THE</p> <p>ORDER ENGINEERING SYSTEM</p>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	WALL SECONDARY STRUCTURAL ELEVATION DETAIL SHEET	CHK:	DATE: 08/07/09
DRAWN BY:	DRAWN BY:							DRAWING NUMBER:	
CHECKED BY:	CHECKED BY:							D09-174243-05C	00





**FOR PERMIT ONLY**

Plans reviewed for code compliance in accordance with Hillsborough County Construction Codes Follow

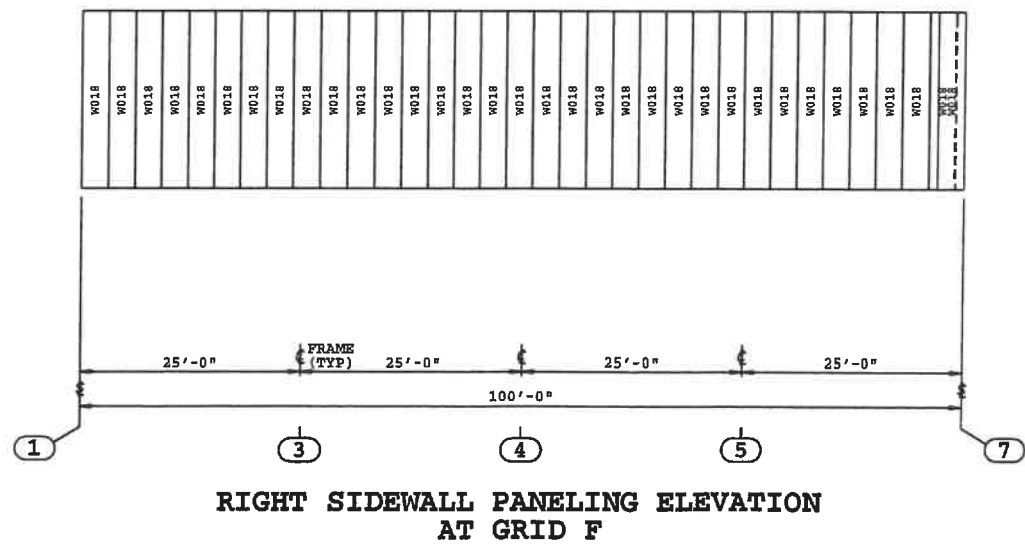
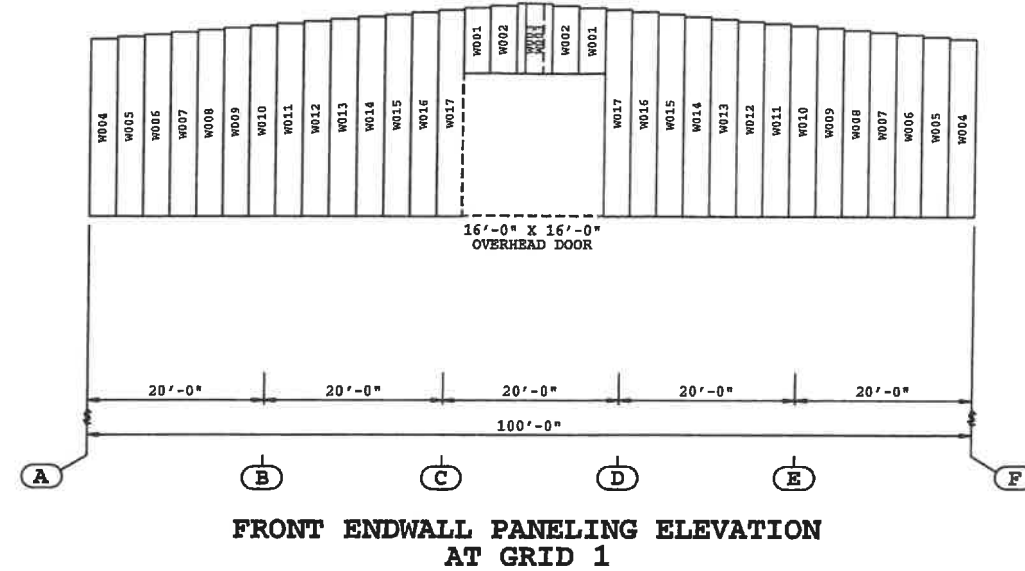
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 Laurinburg, NC 28353  
 FILE # 02315

REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISE	Multi-Assy Facility	100X100X20 LRF	WALL SECONDARY	CHK:	DATE: 08/07/09
DRAWN BY:	DRAWN BY:			SAFETY HARBOR, FL	Lithia, FL	20# LL + 3#CLL	STRUCTURAL ELEVATION	DRAWING NUMBER:	REV.
CHECKED BY:	CHECKED BY:					120 MPH EXP B FL 07	DETAIL SHEET	D 09-174243-05D	00
								with 2009 Supplement	

WALL PANEL SCHEDULE					
ID	PART NUMBER	EXT. SUFF.	INT. SUFF.	LENGTH	DESCRIPTION
W001	027094	105		088-6	BRII UNP SQ SOLAR WH
W002	027094	105		091-6	BRII UNP SQ SOLAR WH
W003	027094	105		094-6	BRII UNP SQ SOLAR WH
W004	027094	105		239-5	BRII UNP SQ SOLAR WH
W005	027094	105		242-5	BRII UNP SQ SOLAR WH
W006	027094	105		245-5	BRII UNP SQ SOLAR WH
W007	027094	105		248-5	BRII UNP SQ SOLAR WH
W008	027094	105		251-5	BRII UNP SQ SOLAR WH
W009	027094	105		254-5	BRII UNP SQ SOLAR WH
W010	027094	105		257-5	BRII UNP SQ SOLAR WH
W011	027094	105		260-5	BRII UNP SQ SOLAR WH
W012	027094	105		263-5	BRII UNP SQ SOLAR WH
W013	027094	105		266-5	BRII UNP SQ SOLAR WH
W014	027094	105		269-5	BRII UNP SQ SOLAR WH
W015	027094	105		272-5	BRII UNP SQ SOLAR WH
W016	027094	105		275-5	BRII UNP SQ SOLAR WH
W017	027094	105		278-5	BRII UNP SQ SOLAR WH
W018	570246	105		242-0	BRII MT SOLAR WH



STANDARD NOTES:

WP0010 INSTALL OVERHEAD DOOR TRIM FOR BRII WALL PANELS PER DRAWING 104219

WP0014 BRII WALL PANEL-TO-PANEL FASTENERS ARE 097364 (1/4 X 3/4 T-30 TORX SELF DRILLING SCREW).

WP0028 FOR GENERAL BRII WALL PNL INFO. REFER TO THE FOLLOWING DWGS :  
 104217 - GENERAL PANELING INFORMATION  
 105017 - INSULATION AT TOP OF WALL-SIDEWALL  
 105018 - INSULATION AT TOP OF WALL-ENDWALL  
 1080854 - WALL PANEL LENGTH CALCULATIONS  
 1080873 - GENERAL INSTALLATION TORX FASTENERS

WP0030 THE DIRECTION OF ERECTION FOR BUTLERB II WALL PANEL IS LEFT-TO-RIGHT.

IMPORTANT APPEARANCE ITEM  
 \*\*\*\*\*  
 FIELD TRIM INSULATION SO THAT THERE IS MAXIMUM OF 3" THICKNESS BETWEEN STRUCTURALS AND FLAT SURFACE OF WALL PANEL. WHEN TRIMMING INSULATION, BE CAREFUL NOT TO CUT VAPOR RETARDER.

WP0049 BRII WALL PANEL-TO-STRUCTURAL TOP/BASE FASTENERS ARE 097365 (#12 X 1 1/4" T-30 TORX SELF DRILLING SCREW).

WP0086 BRII WALL PANEL-TO-GIRT FASTENERS ARE 097365 (#12 X 1 1/4" T-30 TORX SELF DRILLING SCREW).

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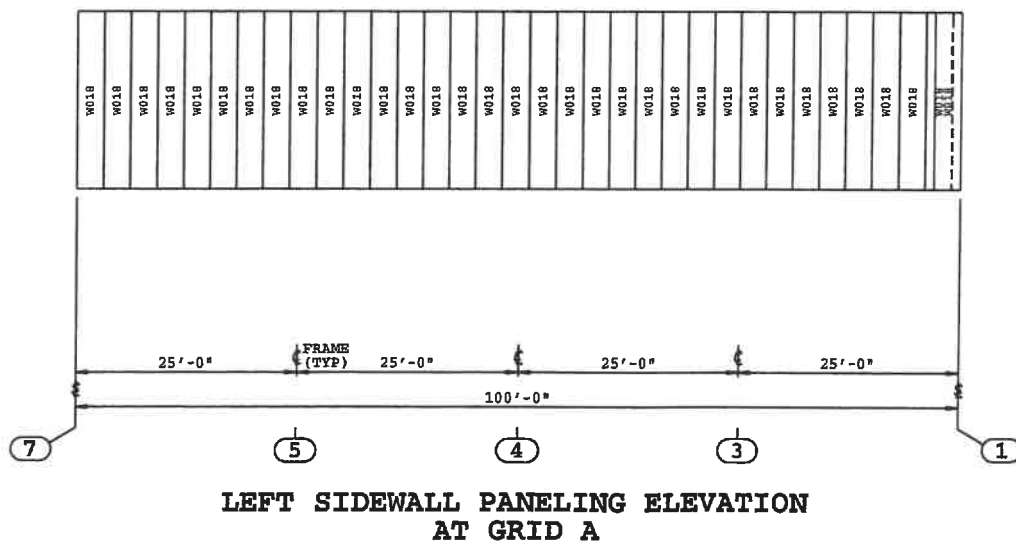
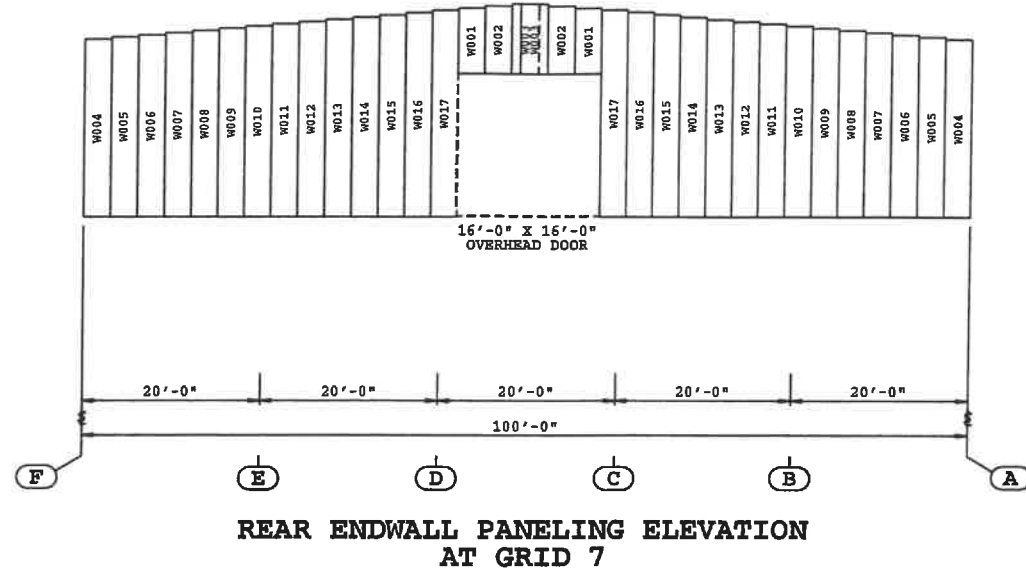
SEP 23 2009

8/10/09

Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FI PE #102315

REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>FRONT</b> ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:	DATE:			DAVIS CONSTRUCTION ENTERPRISE SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	WALL PANEL DRAWING	CHK:	DATE: 08/07/09	REV.
DRAWN BY:	DRAWN BY:							DRAWING NUMBER:		
CHECKED BY:	CHECKED BY:					D 09-174243-06		00		

WALL PANEL SCHEDULE					
ID	PART NUMBER	EXT. SUFF.	INT. SUFF.	LENGTH	DESCRIPTION
W001	027094	105		088-6	BRII UNP SQ SOLAR WH
W002	027094	105		091-6	BRII UNP SQ SOLAR WH
W003	027094	105		094-6	BRII UNP SQ SOLAR WH
W004	027094	105		239-5	BRII UNP SQ SOLAR WH
W005	027094	105		242-5	BRII UNP SQ SOLAR WH
W006	027094	105		245-5	BRII UNP SQ SOLAR WH
W007	027094	105		248-5	BRII UNP SQ SOLAR WH
W008	027094	105		251-5	BRII UNP SQ SOLAR WH
W009	027094	105		254-5	BRII UNP SQ SOLAR WH
W010	027094	105		257-5	BRII UNP SQ SOLAR WH
W011	027094	105		260-5	BRII UNP SQ SOLAR WH
W012	027094	105		263-5	BRII UNP SQ SOLAR WH
W013	027094	105		266-5	BRII UNP SQ SOLAR WH
W014	027094	105		269-5	BRII UNP SQ SOLAR WH
W015	027094	105		272-5	BRII UNP SQ SOLAR WH
W016	027094	105		275-5	BRII UNP SQ SOLAR WH
W017	027094	105		278-5	BRII UNP SQ SOLAR WH
W018	570246	105		242-0	BRII MT SOLAR WH



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*Patrick A. Kreuser*  
9/10/09

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Laurinburg, NC 28353  
FIPE # 62245

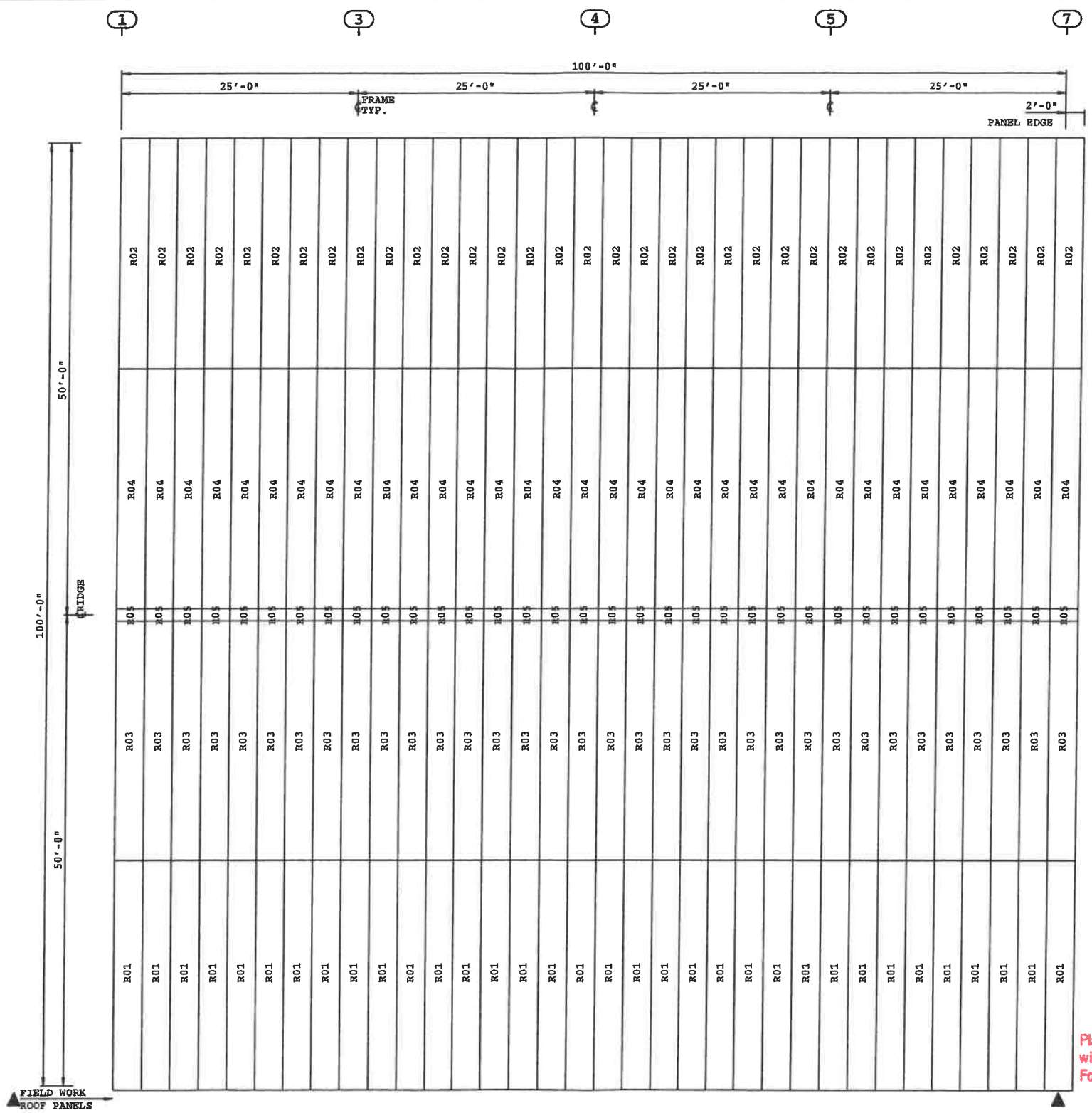
REVISION NO. 1		REVISION NO. 2		 Butler Manufacturing BlueScope Buildings North America, Inc.	PRODUCT OF THE  ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:	
DATE:		DATE:				DAVIS CONSTRUCTION ENTERPRISE SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL	100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	WALL PANEL DRAWING	DATE: 08/07/09		
DRAWN BY:		DRAWN BY:								DRAWING NUMBER:		REV.
CHECKED BY:		CHECKED BY:								D 09-174243-06A	00	



FRONT ENDWALL

A

B



ROOF PANEL SCHEDULE				
ID	PART NUMBER	SUFF.	LENGTH	DESCRIPTION
R01	027056	342	298'-6"	BRII EAVE PANEL SNTA FE RD
R02	027057	342	298'-6"	BRII EAVE PANEL SNTA FE RD
R03	027066	342	307'-0"	BRII SPLICE PANEL SNTA FE RD
R04	027067	342	307'-0"	BRII SPLICE PANEL SNTA FE RD
R05	560175	118		BRII RIDGE PANEL

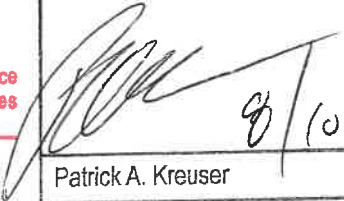
- STANDARD NOTES:
- RP0003 FIELD WORK SYMBOL ON ROOF PANEL PLOT INDICATES ONE OR MORE ROOF PANELS IN PANEL RUN REQUIRE FIELD CUTTING. TO INSURE PROPER INSTALLATION OF GABLE TRIM, RETAIN MAJOR CORRUGATION OF PANEL AT EDGE OF CUT.
  - RP0005 PRE-PUNCHED PANEL HOLES FOR PANEL-TO-PANEL FASTENERS MUST USE LOCK-RIVET 096306 (1 3/32 GREEN WASHER).
  - RP0025 A. FOR ROOF PANEL SEALANT APPLICATION, SEE DRAWING 102961.  
B. DIRECTION OF ERECTION FOR BUTLER II ROOF PANELS IS FROM FRONT ENDWALL TO REAR ENDWALL ACROSS THE ENTIRE ROOF.
  - RP0026 FOR ADDITIONAL INFORMATION, SEE PANEL INSTALLATION DWG 104288.
  - RP0029 FOR UNPUNCHED RIDGE PANEL INSTALLATION, SEE DRAWING 105848.
  - RP0062 ROOF PANELS MUST BE ATTACHED TO ALL ROOF STRUCTURALS TO INSURE THE STRUCTURAL INTEGRITY OF THE ROOF. THIS INCLUDES ALL PURLINS ADDED FOR SPECIFIC LOADING CONDITIONS, ETC.  
ENOUGH PANEL-TO-STRUCTURAL FASTENERS, CLIPS (IF MR-24/CMR-24) HAVE BEEN FURNISHED FOR ALL ROOF STRUCTURALS.
  - RP0215 ROOF PANEL-TO-STRUCTURAL FASTENERS ARE 097196 (3/8 X 1 SCRUBOLT). THIS FASTENER IS PAINTED TO MATCH THE ROOF AND SHIPS FROM SUPPLIER.
  - RP0226 ROOF PANEL-TO-PANEL FASTENERS ARE 097357 (1/4 X 7/8 SELF DRILLING SCREW). THESE FASTENERS ARE PAINTED TO MATCH THE ROOF PANELS AND GABLE TRIM.



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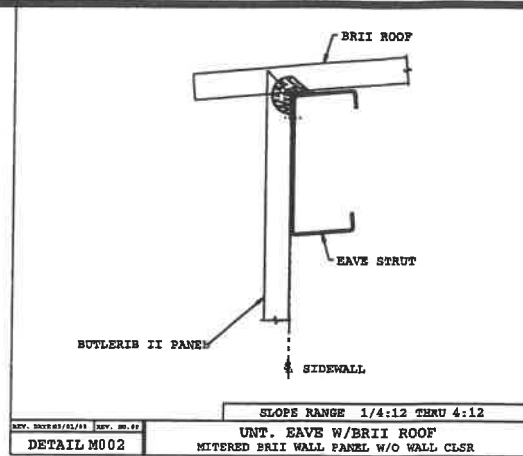
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 Laurinburg, NC 28353  
 FILE # 62315

REVISION NO. 1	REVISION NO. 2	 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>FRONTO</b> ORDER ENGINEERING SYSTEM	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:			DAVIS CONSTRUCTION ENTE	Multi-Assy Facility	100X100X20 LRF	ROOF PANEL	CHK:	DATE: 08/07/09
DRAWN BY:	DRAWN BY:			SAFETY HARBOR, FL	Lithia, FL	20# LL + 3#CLL	DRAWING	DRAWING NUMBER:	REV.
CHECKED BY:	CHECKED BY:					120 MPH EXP B FL 07		D09-174243-07	00
						with 2009 Supplement			



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*(Signature)*  
 8/10/09  
 Patrick A. Kreuser  
 P.O. Box 1529  
 Laurinburg, NC 28353  
 FIPE # 62215

REVISION NO. 1		REVISION NO. 2		 <b>Butler Manufacturing</b> BlueScope Buildings North America, Inc.	PRODUCT OF THE  <b>ORDER ENGINEERING SYSTEM</b>	BUILDER:	PROJECT:	BUILDING ORDER DESCRIPTION:	DRAWING TITLE:	DRW: AALINAGHIA	ENG:
DATE:	DATE:	DAVIS CONSTRUCTION ENTERPRISES SAFETY HARBOR, FL	Multi-Assy Facility Lithia, FL			100X100X20 LRF 20# LL + 3#CLL 120 MPH EXP B FL 07 with 2009 Supplement	EDGE OF ROOF DETAIL SHEET	CHK:	DATE: 08/07/09		
DRAWN BY:	DRAWN BY:						DRAWING NUMBER:	REV.			
CHECKED BY:	CHECKED BY:				<b>09-174243-07A</b>	<b>00</b>					