

SIDE ELEVATION

DRAWING INDEX

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Project Location: Slidell, Louisiana
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 808 N. 20th St., Suite 101 (202) 990-0775
 Chevy, UT 84002 (801) 990-0775 FAX
 www.vectoreng.com

DATE: 7-14-2015 DESIGNED BY: [] DRAWER: MCP
 REVISIONS
 DATE DESCRIPTION

DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
 16398 FANCY GAP HIGHWAY
 CANA, VA 24317
 1-800-579-8589

STATE OF LOUISIANA
 ROGER F. ALMORTH
 License No. 34913
 PROFESSIONAL ENGINEER

SEP 1 9 2016

BOW SPAN (SEE DETAIL 1/S2)	MAXIMUM O.C. BOW SPACING
UP TO 24'-0"	5'-0"
26'-0" TO 30'-0"	3'-6"

MAXIMUM POST HEIGHT	POST/BOW GAGE	
	130 MPH MAX. WIND SPEED	150 MPH MAX. WIND SPEED
10'-0"	14 GA	12 GA
12'-0"	12 GA	12 GA

BOW FRAMING TABLES

NOTES:

1. DESIGN IS BASED ON THE 2012 INTERNATIONAL BUILDING CODE AND THE ASCE 7-10 STANDARD
2. LOADS:
 ROOF SNOW LOAD = 10 PSF (MAX.)
 RISK CATEGORY: I
 WIND: VUL = 150 MPH (MAX.), (3-SEC. GUST)
 WIND EXPOSURE: C
 SEISMIC DESIGN CATEGORY: D
3. STEEL TUBES SHALL BE AS FOLLOWS:
 12 GA: Fy = 64.5 KSI - 2-1/4" SQUARE
 14 GA: Fy = 50 KSI - 2-1/2" SQUARE
4. LOCATE ANCHORS AT EACH END OF BOW.
5. FASTEN METAL ROOF PANELS TO BOW FRAME WITH 1/4"x1" SELF DRILLING FASTENERS (SDF) @ 8" O.C. MAX.
6. ALL FIELD CONNECTIONS SHALL BE 1/4"x1" SELF DRILLING SCREWS.
7. ALL SHOP CONNECTIONS SHALL BE WELDED.
8. CONTRACTOR/OWNER TO VERIFY FOOTING REQUIREMENTS WITH LOCAL BUILDING DEPARTMENT PRIOR TO CONSTRUCTION. FOOTING DESIGN IS THE RESPONSIBILITY OF OTHERS.

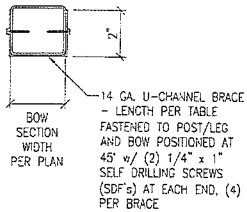
ELEVATION VIEW & NOTES

STANDARD CARPORT WITH OPTIONS

HIGH WIND RATING

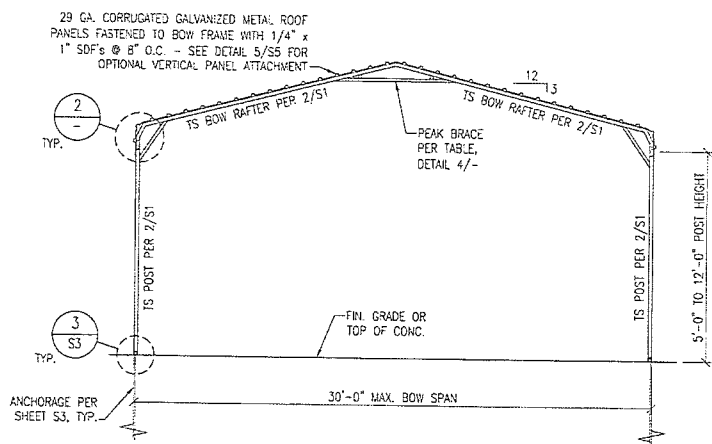
U1319-001-111

S1 REV 0



BRACE CONNECTION DETAIL

3



TYPICAL BOW SECTION

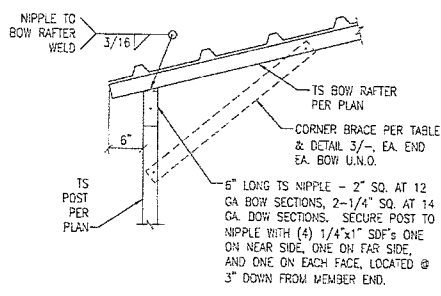
1

PEAK BRACE TABLE	
UP TO 130 MPH MAX. WIND SPEED	
BOW SPAN	BRACE
UP TO 24'	2'-0" LONG PER DTL 3/-
OVER 24' TO 30'	16'-0" LONG 12 GA. TS*
131 MPH TO 150 MPH MAX. WIND SPEED	
BOW SPAN	BRACE
UP TO 20'	4'-0" LONG PER DTL 3/-
OVER 20' TO 24'	6'-0" LONG PER DTL 3/-
OVER 24' TO 30'	16'-0" LONG 12 GA. TS*

* - PEAK BRACE TO HAVE (2) TS VERTS. EQUALLY SPACED ON HORIZONTAL - BRACE TO BE FULLY WELDED

PEAK BRACE DETAIL

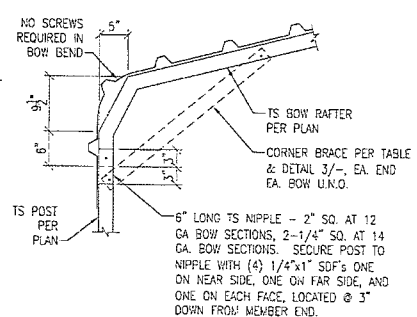
4



CORNER BRACE TABLE	
POST HEIGHT	BRACE LENGTH
5'-0" TO 8'-6"	2'-0"
9'-0" TO 12'-0"	3'-0"

BOW/POST DETAIL

2



9138 S. Shaw Ct., Suite 101 (813) 255-4772
San Diego, CA 92121 (619) 453-4778 FAX
www.vector.com

DATE: 7-14-2015	DESIGNED BY: (RAFTER) MGP
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DATE	DESCRIPTION

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16388 FANCY GAP HIGHWAY
CANVA, VA 24417
1-800-575-8559

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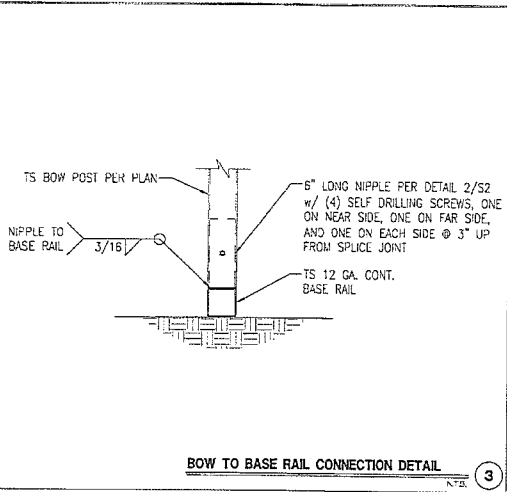
BOW FRAME DETAILS

STANDARD CARPORT WITH OPTIONS

HIGH WIND RATING

U1319-001-111

S2	REV 0
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BOW TO BASE RAIL CONNECTION DETAIL

3

CONCRETE
CONCRETE SHALL HAVE A MIN. SPECIFIED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

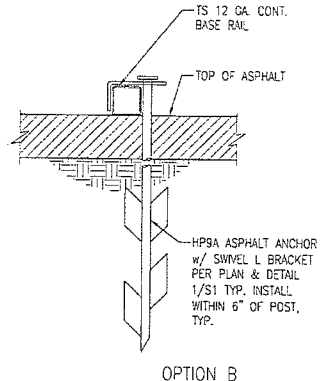
COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MIN. CONCRETE COVER OVER REINFORCING BARS SHALL BE:
3" IN FOUNDATION WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1-1/2" ELSEWHERE.

REINFORCING STEEL
THE REINFORCING STEEL SHALL BE MIN. GRADE 60

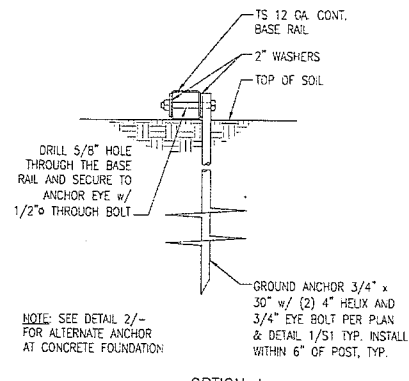
GALVANIZATION
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

1. ALL REINFORCEMENT IS BENT COLD
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX BAR DIAMETERS
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT. EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1" OF HORIZONTAL DISPLACEMENT TO 6" OF VERTICAL BAR LENGTH.



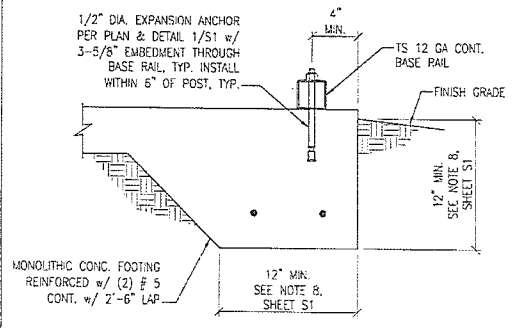
OPTION B



OPTION A

GROUND BASE RAIL ANCHORAGE

1



CONCRETE BASE RAIL ANCHORAGE

2


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8135 S. China St., Suite 101 (504) 835-4775
Calyx, UT 84170 (801) 635-1778 FAX
www.vectorinc.com

DATE: 7-14-2015 DESIGNED BY: GRANTER, MGP

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16388 FANCY GAP HIGHWAY
CANA, VA 24247
1-800-575-8558



ROGER L. GRUNWORTH
License No. 342813
PROFESSIONAL ENGINEER

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ANCHORAGE DETAILS

STANDARD CARPORT WITH OPTIONS

HEIGHT/LOAD RATING

U1319-001-111

S3

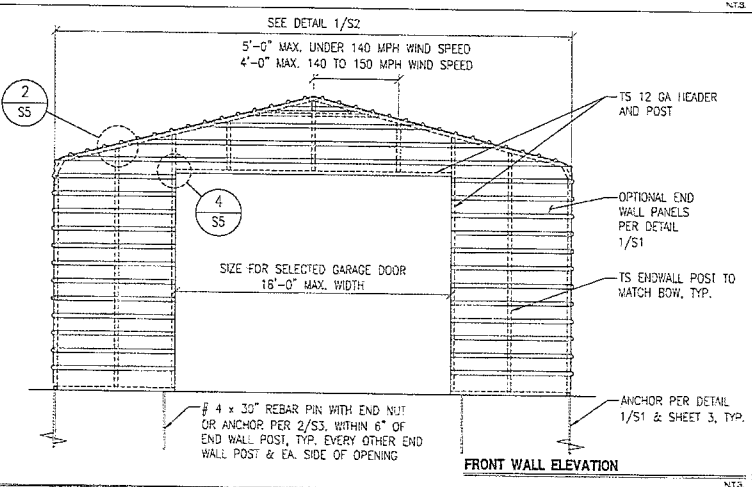
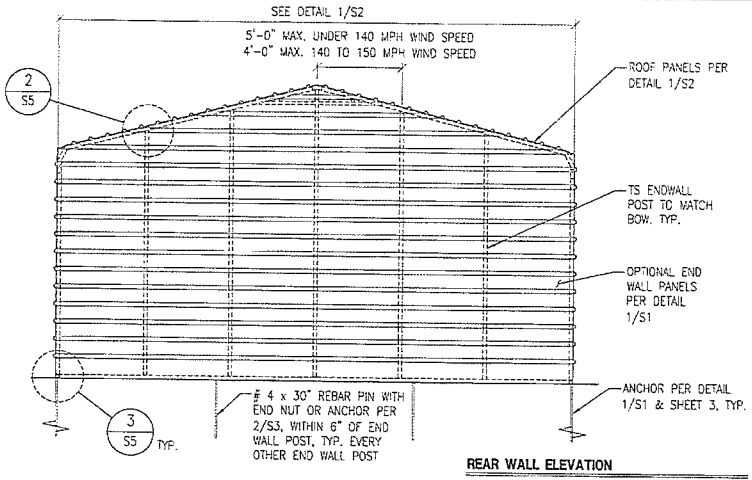
REV 0

NOTE:

EXTERIOR WINDOWS AND GLASS DOORS SHALL BEAR AN APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE FOLLOWING TABLE:

USA STEEL BUILDINGS, INC. - FLORIDA PRODUCT APPROVAL CODES			
MANUFACTURER	PRODUCT	MODEL/SERIES	APPROVAL #
USA STEEL BUILDINGS, INC.	ROOF DECKING	36-R PANEL	FL-13364
JANUS INTERNATIONAL CORP.	ROLL-UP DOOR	750 SERIES	FL-12765
POCAHONTAS ALUMINUM CO., INC.	WALK-IN DOOR	D-100	FL-12903
POCAHONTAS ALUMINUM CO., INC.	WINDOWS	100-VS	FL-12940

DOOR TABLE	
CARPOT WIDTH	MAX. DOOR WIDTH
12'-0"	8'-0"
14'-0" TO 16'-0"	10'-0"
18'-0" TO 20'-0"	12'-0"
22'-0"	16'-0" OR (2) 8'-0"
24'-0"	16'-0" OR (2) 8'-0"
26'-0" TO 28'-0"	16'-0" OR (2) 10'-0"
30'-0"	16'-0" OR (2) 12'-0"



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 Sandy, UT 84070 | (801) 850-1778 FAX
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 16398 FANCY GAP HIGHWAY
 CANA, VA 24317
 1-800-579-8589

STATE OF LOUISIANA
 ROGER T. AYOUB
 PROFESSIONAL ENGINEER

SEP 19 2016

END WALL ELEVATIONS
 STANDARD CARPORT WITH OPTIONS
 HIGH WIND RATING

U1319-001-111

S4 REV 0

9130 S. State St., Suite 101 (504) 980-1773
Baton Rouge, LA 70809 (504) 980-1778 FAX
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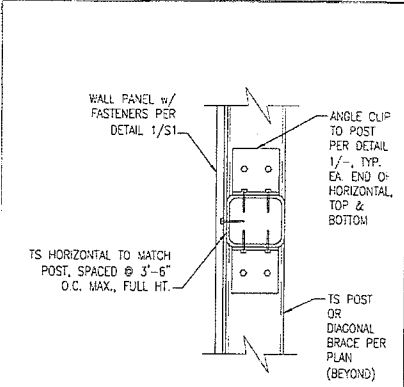
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7-14-2015		
REVISIONS		
DATE	DESCRIPTION	

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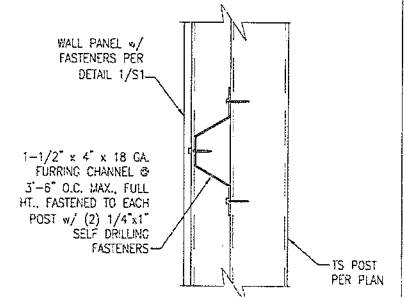


DETAILS
STANDARD CARPORT
WITH OPTIONS
HIGHWIND RATING

U1319-001-111
S5 REV 0

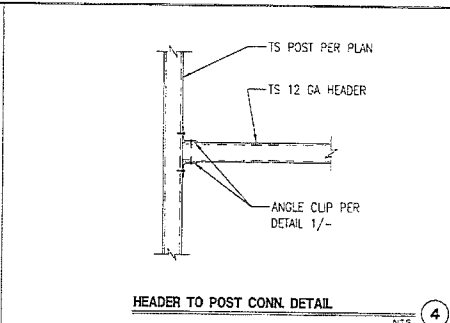


FLUSH TS HORIZONTAL OPTION

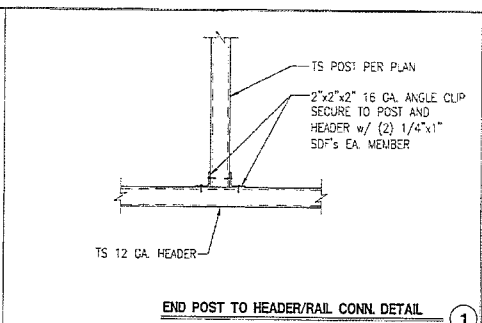


FURRING CHANNEL OPTION

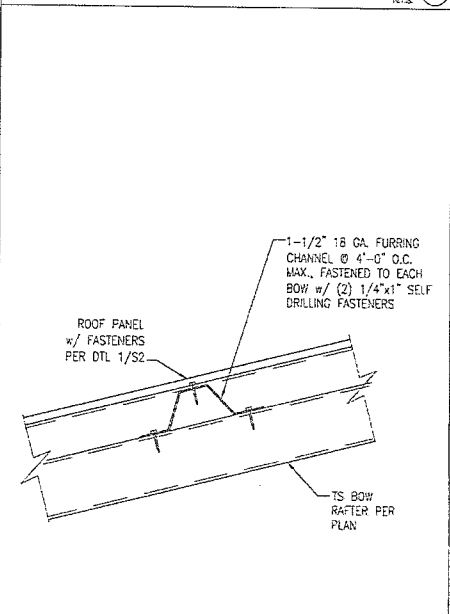
VERTICAL WALL PANEL ATTACHMENT 6



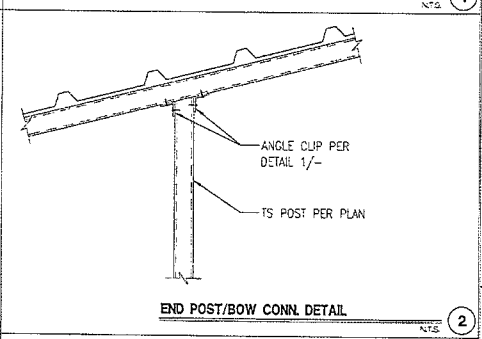
HEADER TO POST CONN. DETAIL 4



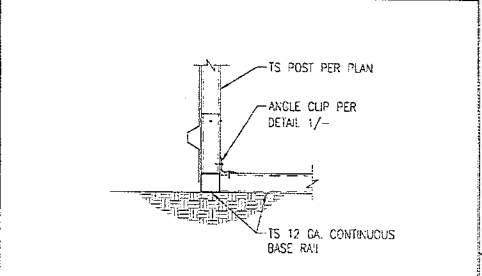
END POST TO HEADER/RAIL CONN. DETAIL 1



VERTICAL ROOF PANEL ATTACHMENT 5



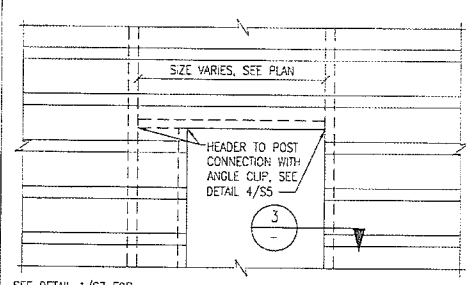
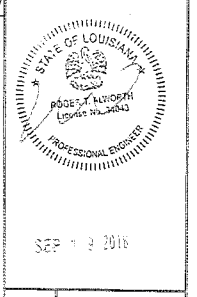
END POST/BOW CONN. DETAIL 2



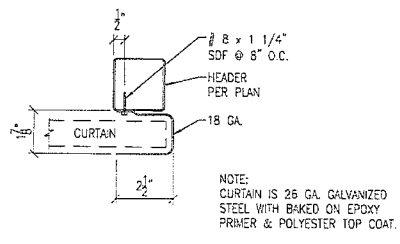
END BOW/BASE RAIL CONN. DETAIL 3

DATE	DESIGNED BY	DRAWN BY
7-14-2016		

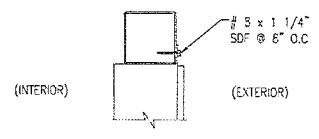
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EAGLE CARPORTS
 16398 FANCY GAP HIGHWAY
 CANA, VA 24317
 1-800-679-8588



SEE DETAIL 1/S7 FOR ANCHOR REQUIREMENTS
DOOR FRAME - ELEVATION VIEW N.T.S. 1



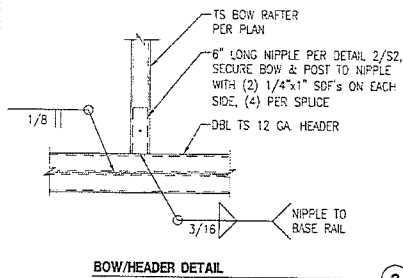
SECTION THROUGH ROLL UP DOOR HEADER N.T.S. 2



SECTION N.T.S. 3

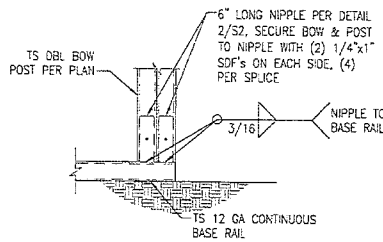
DETAILS
STANDARD CARPORT WITH OPTIONS
 HIGH WIND RATING

U1319-001-111	REV
56	0



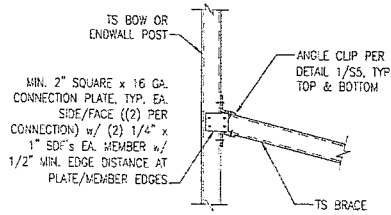
BOW/HEADER DETAIL

3



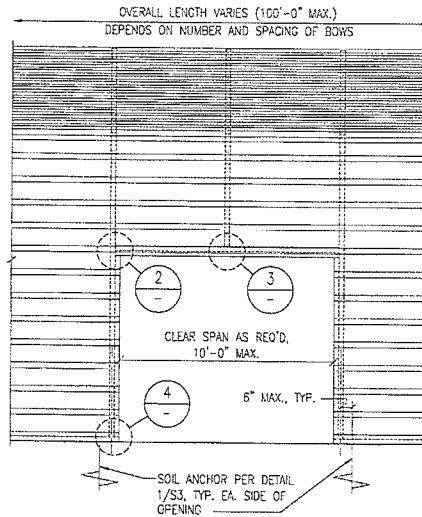
BOW/BASE RAIL CONN. DETAIL

4



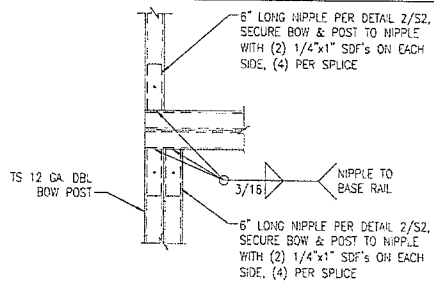
BRACE CONNECTION DETAIL

5



SIDE OPENING

1



BOW/POST DETAIL

2



DATE	REVISIONS
1-14-2016	DESIGNED BY [DRAFTER: LCP]

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1-800-578-6589



SEP 19 2016

DETAILS
STANDARD CARPORT
WITH OPTIONS
WIND RATING

U1319-001-111

S7

REV 0

PLANS, SPEC. & S&M 101 (001) 550-5775
Bldg. 47 Bldg. (813) 290-0774 FAX
WWW.VECTOR.COM

DATE: 1/14/2015 DESIGNED BY: KRAFTER, MOP
REVISIONS

DATE	DESCRIPTION

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CANAWA, VA 24317
1-800-579-8589



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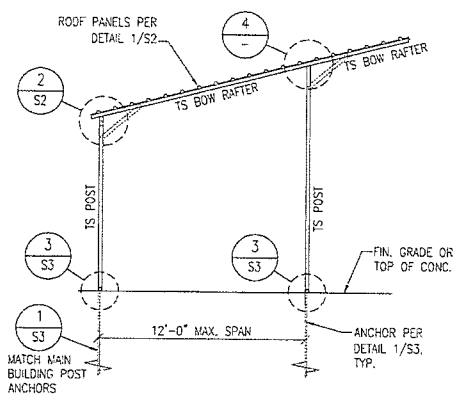
DETAILS

STANDARD CARPORT WITH OPTIONS

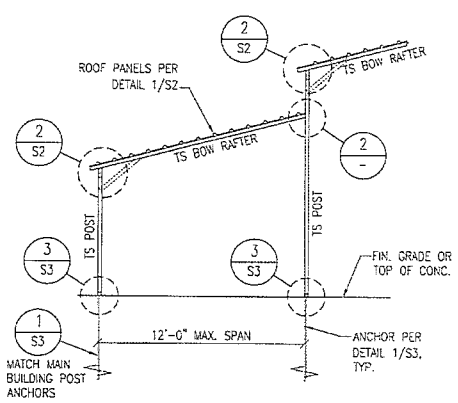
HIGHWIND RATING

U1319-001-111

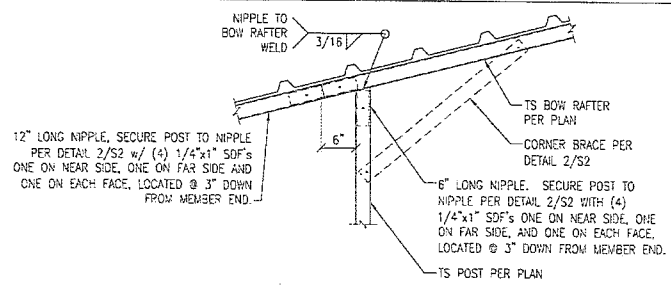
S8 REV 0



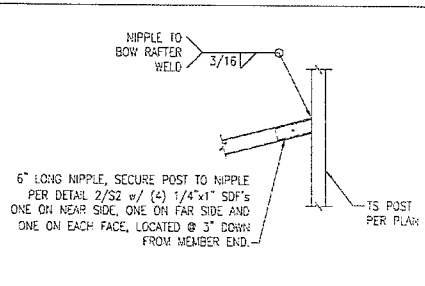
IN-LINE EXTENSION SECTION ③



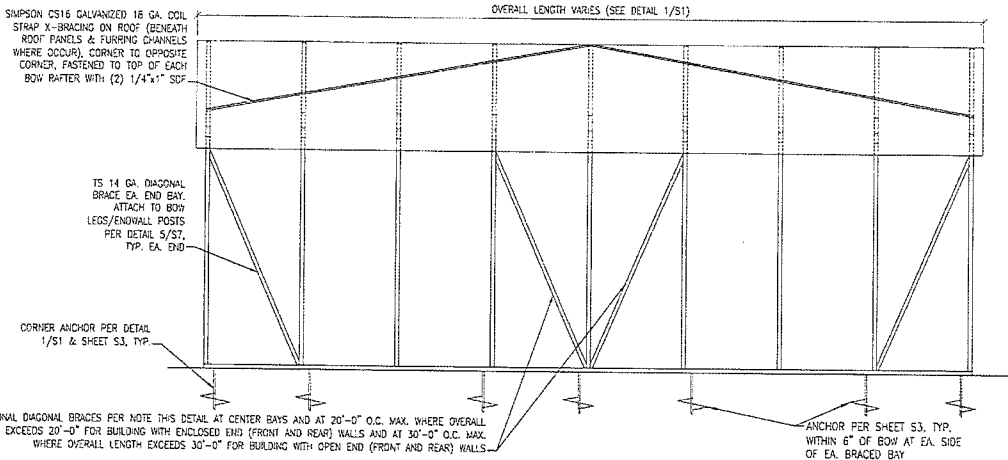
STEP-DOWN EXTENSION SECTION ①



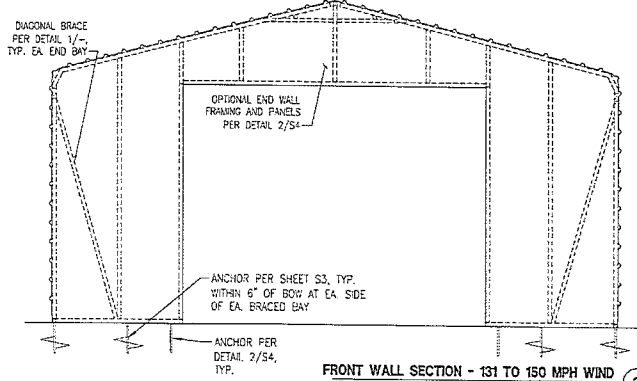
IN-LINE CONNECTION DETAIL ④



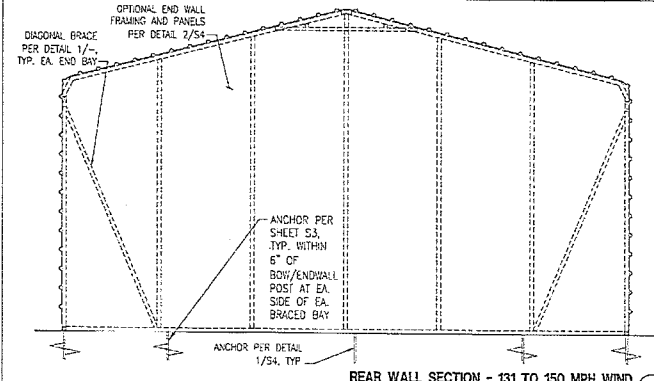
STEP-DOWN CONNECTION DETAIL ②




SIDE ELEVATION - 131 TO 150 MPH WIND ①



FRONT WALL SECTION - 131 TO 150 MPH WIND ③




REAR WALL SECTION - 131 TO 150 MPH WIND ②



830 S. Ross St., Suite 101
Cairo, UT 84002
(801) 895-7725
(801) 350-0787 FAX
www.vectoreng.com

DATE	REVISIONS

DESIGNED EXCLUSIVELY FOR
EAGLE CARPORTS
 16388 FANCY GAP HIGHWAY
 CANA, VA 24317
 1-800-579-8585



ROGER T. ALWORTH
License No. 24623
PROFESSIONAL ENGINEER

SEP 17 2014

ROOFWALL BRACING DETAILS STANDARD CARPORT WITH OPTIONS <small>HIGHWIND RATING</small>	U1319-001-111 S9 <small>REV 0</small>
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