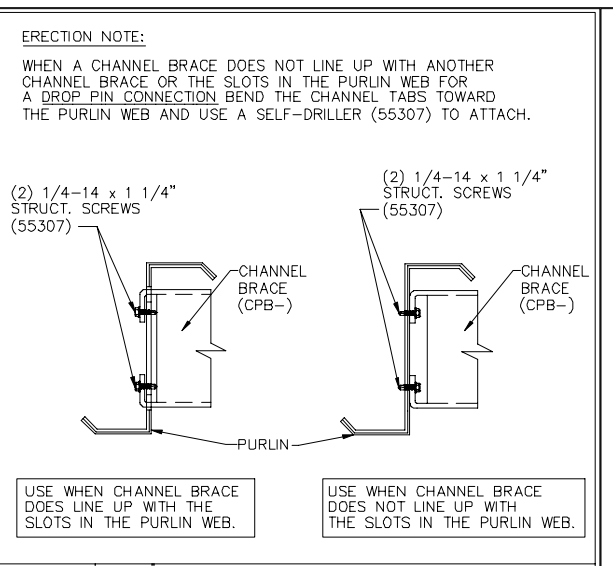
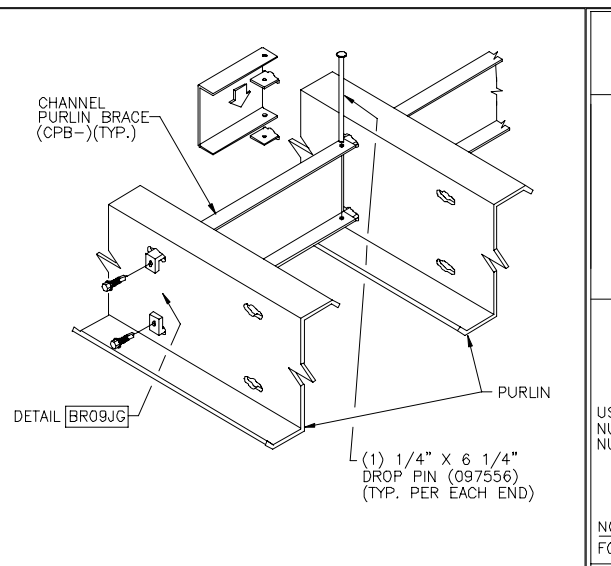


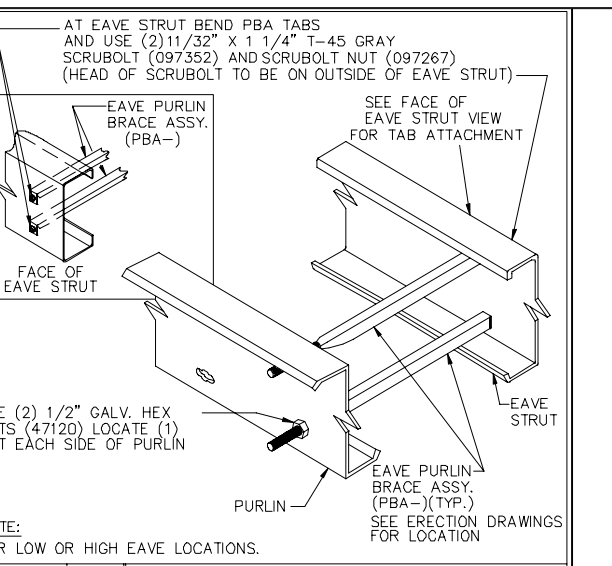
REV. DATE: 07/01/09 REV. NO. 00
 TYPICAL FLANGE BRACE CONNECTIONS
 CONT. PURLIN LAP SHOWN, CONT. GIRT & SIMPLE PURLIN
 BR06AE



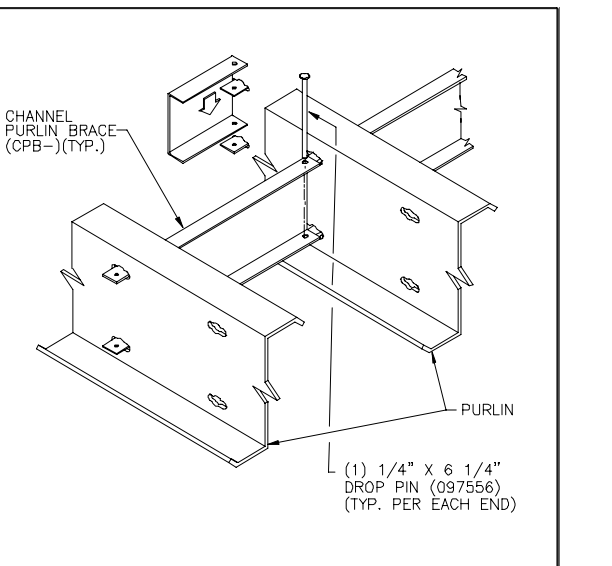
REV. DATE: 04/01/11 REV. NO. 01
 CHANNEL BRACE ENDING AT PURLIN WEB
 SELF-DRILLER WITH BENT TABS
 BR09JG



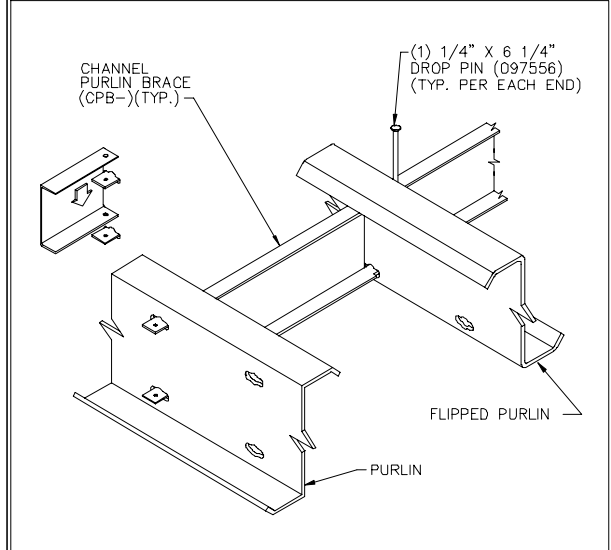
REV. DATE: 07/01/09 REV. NO. 00
 SINGLE CHANNEL PURLIN BRACE
 ENDING AT PURLIN WEB LOCATION
 BR09JH



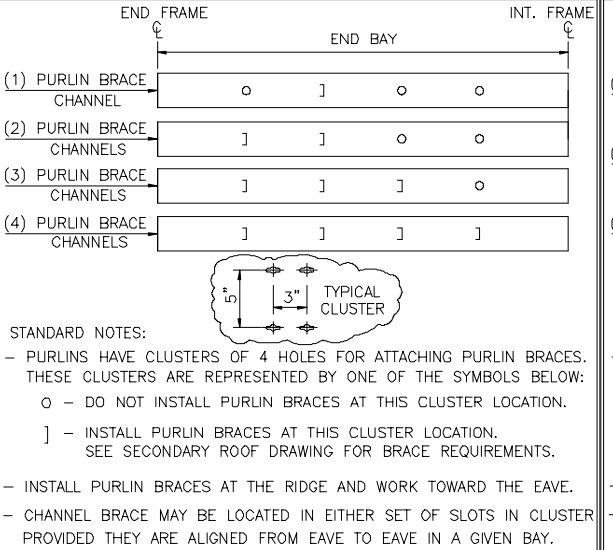
REV. DATE: 11/26/12 REV. NO. 04
 EAVE STRUT BRACE
 BR09K5



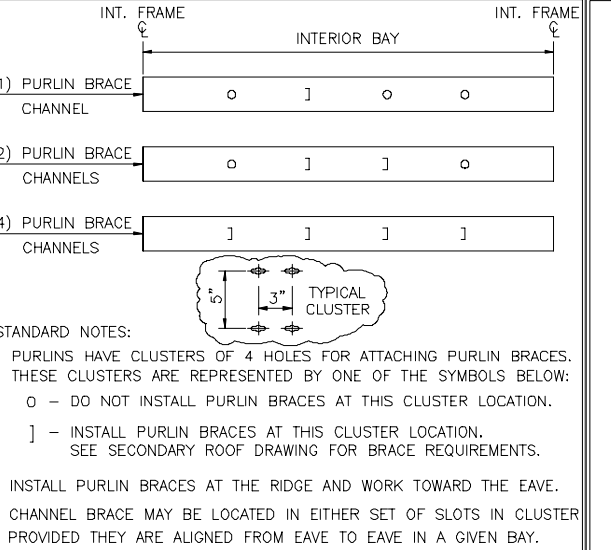
REV. DATE: 07/01/09 REV. NO. 00
 SINGLE CHANNEL PURLIN BRACE
 INTERMEDIATE LOCATION
 BR09PH



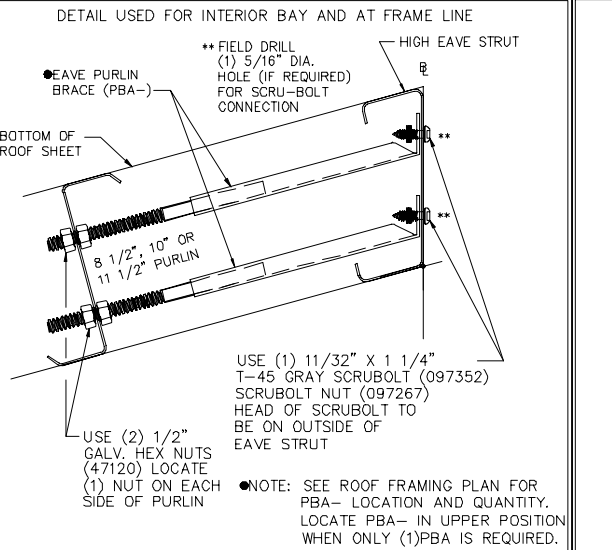
REV. DATE: 01/06/12 REV. NO. 01
 SINGLE CHANNEL PURLIN BRACE
 REVERSE TOP FLANGE LOCATION
 BR09PP



REV. DATE: 07/01/09 REV. NO. 00
 PURLIN BRACE CLUSTER LOCATION
 END BAY CHANNEL LOCATION
 BR09RY



REV. DATE: 07/01/09 REV. NO. 00
 PURLIN BRACE CLUSTER LOCATION
 INTERIOR BAY CHANNEL LOCATION
 BR09RZ



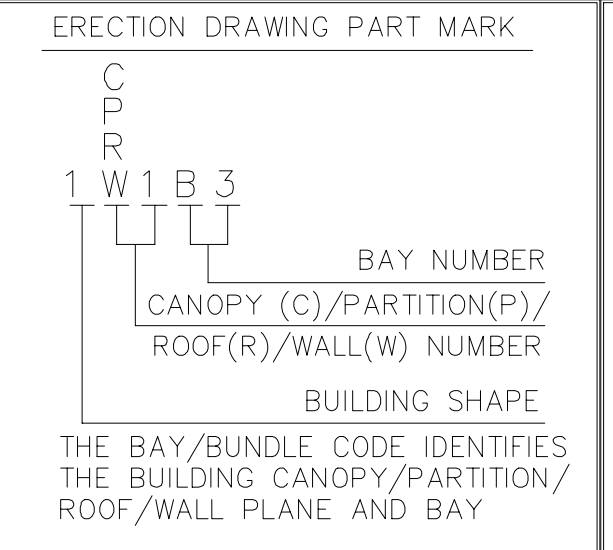
REV. DATE: 11/26/12 REV. NO. 01
 HIGH EAVE PURLIN BRACE
 ALL WALL PANEL TYPE
 BR09W2

DEPTH	SHAPE	GAGE
07 = 7"	Z = ZEE	11 = 0.113
08 = 8 1/2"	C = CEE	12 = 0.098
10 = 10"	E = LOW EAVE STRUT	13 = 0.088
11 = 11 1/2"	H = HIGH EAVE STRUT	14 = 0.079
		15 = 0.073
		16 = 0.068
		17 = 0.060

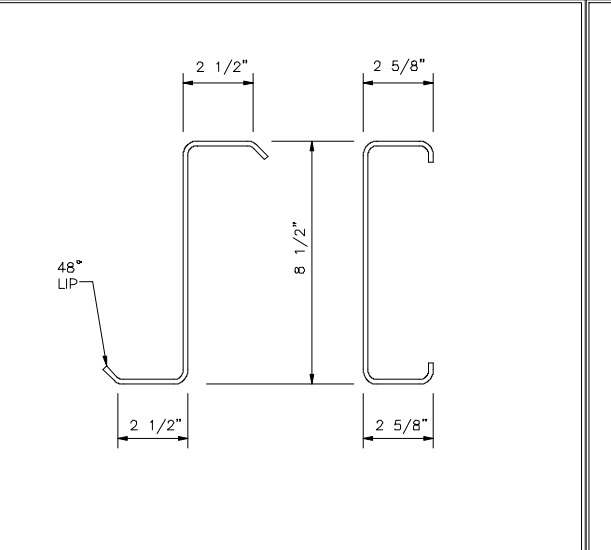
REV. DATE: 07/01/09 REV. NO. 00
 SECONDARY PART MARK NUMBER
 COMMON GENERATED MARK NUMBERS
 EN51B1

DEPTH	SHAPE	GAGE
07 = 7"	ZS = ZEE	11 = 0.113
08 = 8 1/2"	CS = CEE	12 = 0.098
10 = 10"	ES = LOW EAVE STRUT	13 = 0.088
11 = 11 1/2"	HS = HIGH EAVE STRUT	14 = 0.079
	BB = BACK TO BACK CEE	15 = 0.073
	FB = FACE TO BACK CEE	16 = 0.068
	FF = FACE TO FACE CEE	17 = 0.060

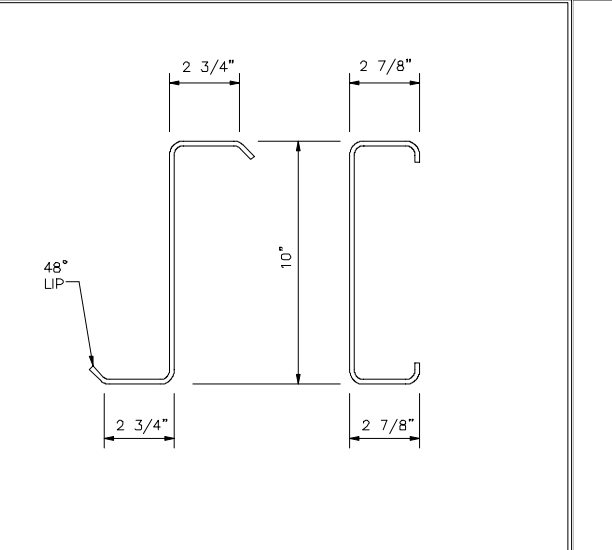
REV. DATE: 07/01/09 REV. NO. 00
 SPECIAL SECONDARY PART MARK KEY
 COMMON GENERATED MARK NUMBERS
 EN51B2



REV. DATE: 01/31/13 REV. NO. 01
 SECONDARY BUNDLE LOCATION KEY
 ALL SECONDARY DEPTHS
 EN51B3



REV. DATE: 07/01/09 REV. NO. 00
 PURLIN AND GIRTS SIZES
 8 1/2" 216mm
 EN53F1



REV. DATE: 07/01/09 REV. NO. 00
 PURLIN AND GIRTS SIZES
 10" 254mm
 EN53G1

PERMIT SET- For Building Dept. Approval

1. UNLESS NOTED, USE 1/2 X 1 1/2 A325-N BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
 2. FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
 3. REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF BUTLER MFG.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			
REV.	DATE	BY	DESCRIPTION

DRAWING SCALE: **NTS**

ROOF SECONDARY SED'S		BUTLER	
BUILDER:	Sheridan	JOB #:	16-008746-01
CUSTOMER:	Safelite	DATE:	4/29/2016
LOCATION:	Portland, Maine	DRAWN/CHECK:	LC
PROJECT:	Safelite Auto	PAGE:	12
BUILDER'S PO#:	161003	VPC VERSION:	2015.2d