

INSTRUCTIONS FOR HEAVY DUTY ALUMINUM PLATFORMS

Catalog Number CPHD-142, CPHD-162, CPHD-182,
CPHD-142-WKY, CPHD-162-WKY, CPHD-182-WKY

Keep these instructions for future reference.



WARNING

Failure to read and follow all of the information presented here and with the associated equipment could cause damage to equipment, serious injury, or death.

APPLICATION

Platforms are intended to be installed between two poles and hold from one to three pieces of equipment such as transformers, regulators, and reclosers. The platforms are supplied assembled. The heavy duty platform is attached to the two poles by eight machine bolts (not supplied), four bolts in each pole.

Model CPHD-142 and CPHD-142-WKY

These models have two beams 16 feet long. The CPHD-142-WKY is supplied with supports and hand railings for a 41 inch wide by 14 feet long walkway (walkway planks not supplied).

LOAD RATING:

Uniform Vertical Load	14,000 pounds
Single Center Vertical Load	7,500 pounds
Three Vertical Loads	4,600 pounds

Model CPHD-162 and CPHD-162-WKY

These models have two beams 18 feet long. The CPHD-162-WKY is supplied with supports and hand railings for a 41 inch wide by 16 feet long walkway (walkway planks not supplied).

LOAD RATING:

Uniform Vertical Load	14,000 pounds
Single Center Vertical Load	7,500 pounds
Three Vertical Loads	4,600 pounds

Model CPHD-182 and CPHD-182-WKY

These models have two beams 20 feet long. The CPHD-182-WKY is supplied with supports and hand railings for a 41 inch wide by 18 feet long walkway (walkway planks not supplied).

LOAD RATING:

Uniform Vertical Load	14,000 pounds
Single Center Vertical Load	7,500 pounds
Three Vertical Loads	3,633 pounds

INSTALLATION



WARNING

Improper installation can allow platform and/or equipment to fall.

Can cause property damage, personal injury or death.


1. Examine preassembled platform making sure all parts are present and undamaged. Missing and/or damaged parts must be replaced before installation. Drawings of standard and walkway type platforms may be seen in Drawings SACPHD142 and SACPHD142WKY
2. The two mounting poles must be set close enough together so that at least 12 inches of the platform's main beams extend past the two inside pole faces. For example, if the beam length is 192 inches, the inside pole faces should be no greater than 168 inches apart ($192 - 24 = 168$).
3. Using the shear plate as a template, drill four through holes in each of the poles. The top hole should be 4" above the desired platform height. The hole spacing is specified in attached platform mounting drawing. It is important that the holes be drilled square through the pole to match shear plate holes on both sides of the pole. The holes should be large enough to accept $\frac{3}{4}$ " through bolts, and should be level between the two poles.
4. Before placing the platform between the poles, the bolts holding the end brackets to the H-beam should be loosened (**not removed**). This will allow the brackets to slide freely on the beam and custom fit the pole face. It is helpful to leave the bolts loose until after the platform has been mounted.



P216-0249

03/08/13

Rev. A

! DANGER	
	Electrical contact hazard. Platform will conduct electricity.
	Contact with energized power line will cause death or severe personal injury.
	Do not let platform touch power lines. Maintain approved electrical clearances.

5. Using approved safety procedures, lift and place the platform between poles. Install $\frac{3}{4}$ " bolts through the bracket holes into the predrilled pole holes. Before tightening the bolts, check the platform for level. After confirming the platform is level, firmly tighten the through bolts and previously loosened bracket bolts.
6. The platform has six "hat" channels across the top of the beams that can be adjusted to meet the necessary mounting dimensions. The equipment is mounted on the hat channels. To adjust the hat channels, loosen the bolts and slide to the necessary dimensions. It is helpful to unseat the bolt heads by tapping bolt with a hammer before adjusting the channels.

NOTE: The equipment must be spaced evenly on the platform for proper load distribution.

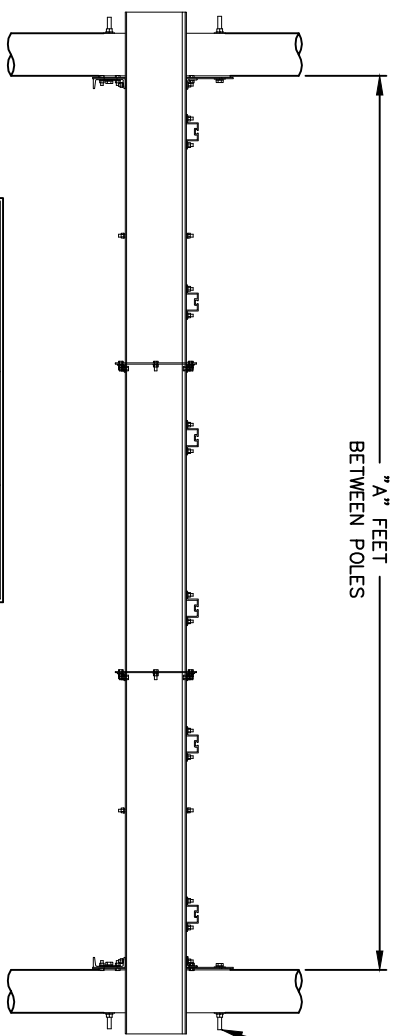
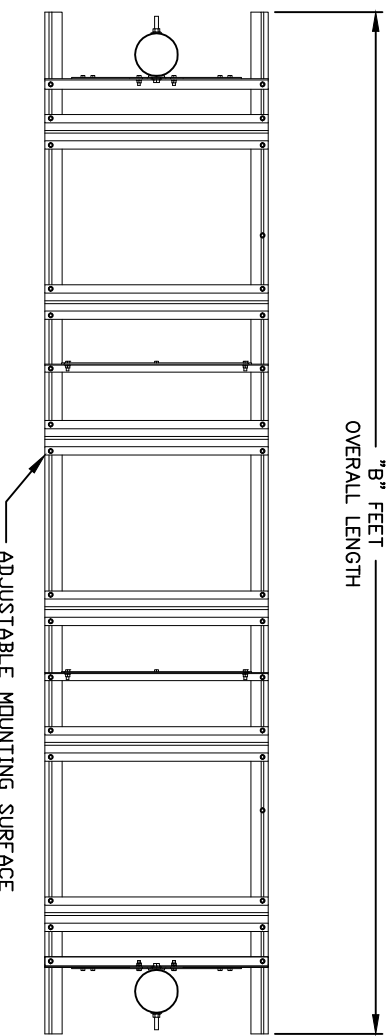
7. After hat channel adjustment, tighten bolts firmly and mount equipment following manufacturer's recommendations and appropriate safety procedures.
8. If the platform is a walkway type, refer to Drawing SACPHD142WKY for hand rail attachment. Drill a $\frac{13}{16}$ " hole through each pole 46 inches above the platform bottom. Assemble hand rail per Drawing SACPHD142WKY. Walkway planks and their attachment are the responsibility of the user. Follow your safety department's recommendations as to type of plank material and attachment means.
9. Do a final check of the installation being sure all bolts are tightened, the beams extend at least 12 inches beyond inner pole faces, and the equipment load is evenly distributed.

These instructions do not claim to cover all details or variations in equipment, nor to provide for all possible conditions to be met concerning installation, operation, or maintenance of this equipment. If further information is desired or if particular problems are encountered which are not sufficiently covered in this guide, contact your Hubbell Power Systems representative or the factory at (573) 682-5521.



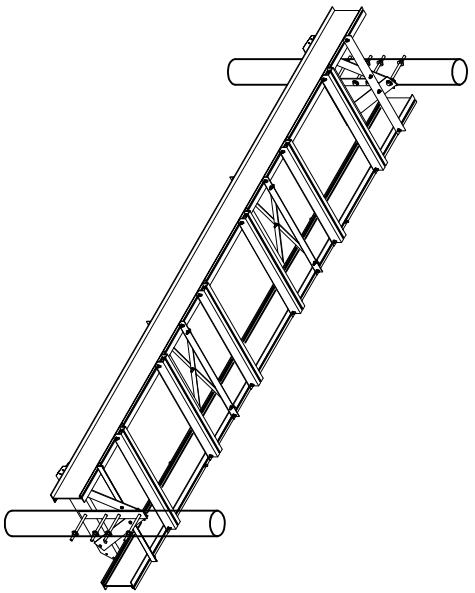
NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

©2013 Hubbell Power Systems, 210 N. Allen St., Centralia, MO 65240 USA

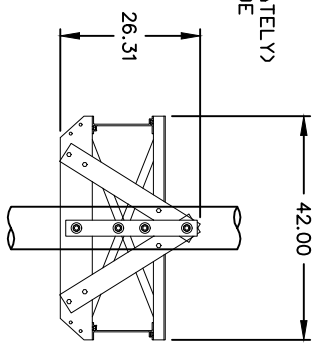


CAT. NO.	"A"	"B"
CPHD142	14'	16'
CPHD162	16'	18'
CPHD182	18'	20'

=NOTES=
1. MATERIAL: 6061-T6 ALUMINIUM,
GALVANIZED STEEL HARDWARE



3" MOUNTING BOLTS
(PURCHASED SEPARATELY)
8 TOTAL 4 PER SIDE



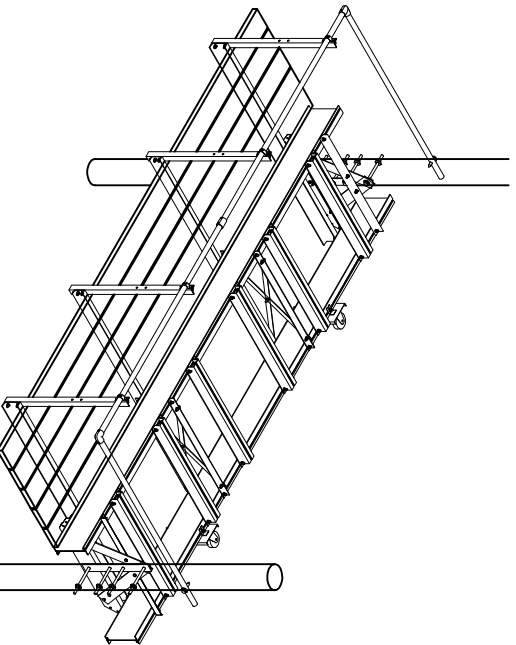
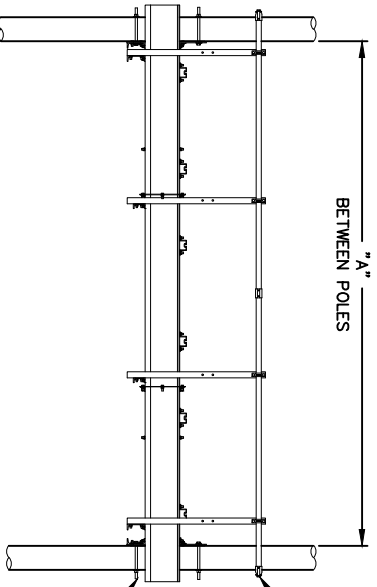
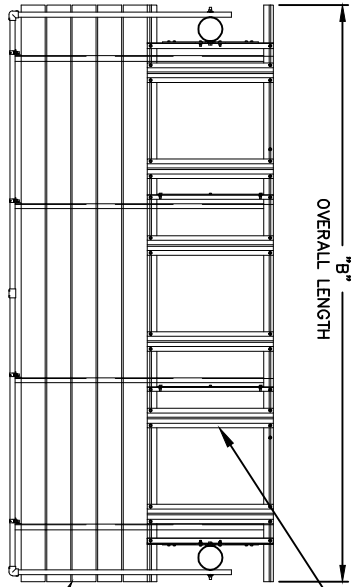
CHANCE
TOLERANCE CHART

HUBBELL POWER SYSTEMS
ALUMINIUM PLATFORM,

DO NOT SCALE THIS DRAWING	SIZE DWG NO.	CAT / PART / ASSY NO.	REV
SB SACPHD142	SEE CHART	SEE CHART	--

DRAWN BY BERGER DATE 12/14/12 SHEET 1 OF 1

CONFIDENTIAL - THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED FOR DISTRIBUTION OR COPIES MAY BE MADE WITHOUT HUBBELL POWER SYSTEMS PERMISSION. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.



CAT. NZ.	"A"	"B"
CPHD142WKY	14'	16'
CPHD162WKY	16'	18'
CPHD182WKY	18'	20'

=NOTES=
 1. MATERIAL: 6061-T6 ALUMINUM GALVANIZED STEEL HARDWARE

CHANCE TOLERANCE CHART

HUBBELL POWER SYSTEMS

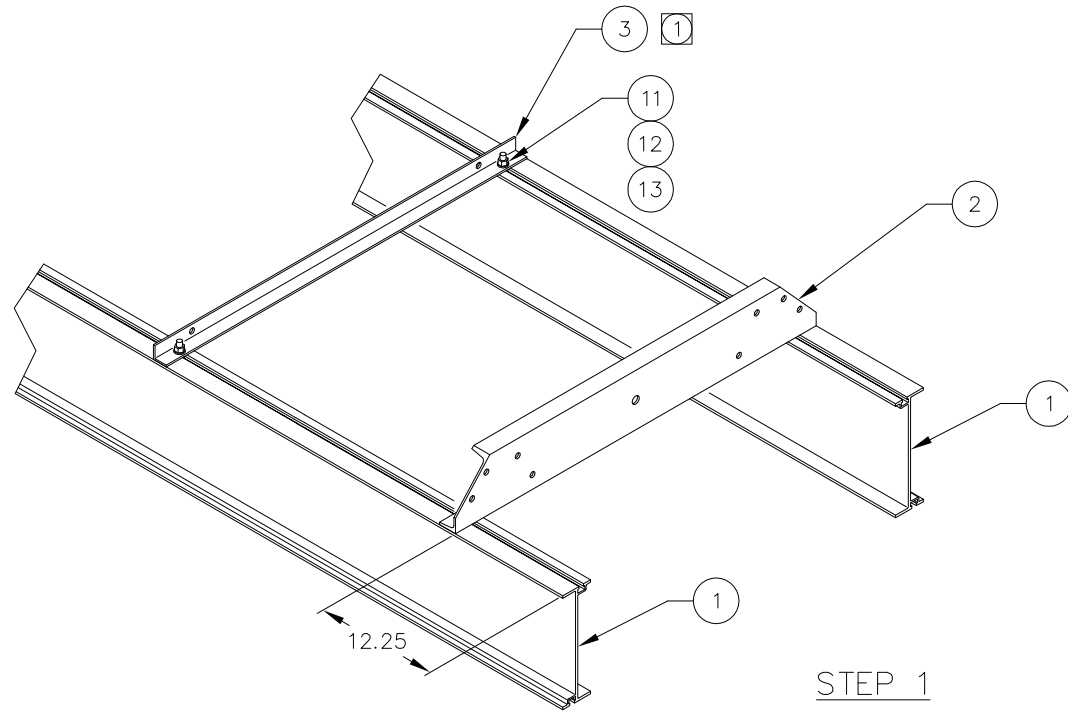
PLATFORM, ALUMINUM

SIZE: DMG NO. SB SACHPD142WKY
 DAT / PART / ASSY NO. SEE CHART
 DPN BY: BERGER DATE: 1/24/13

DO NOT SCALE THIS DRAWING

SHEET 1 OF 1

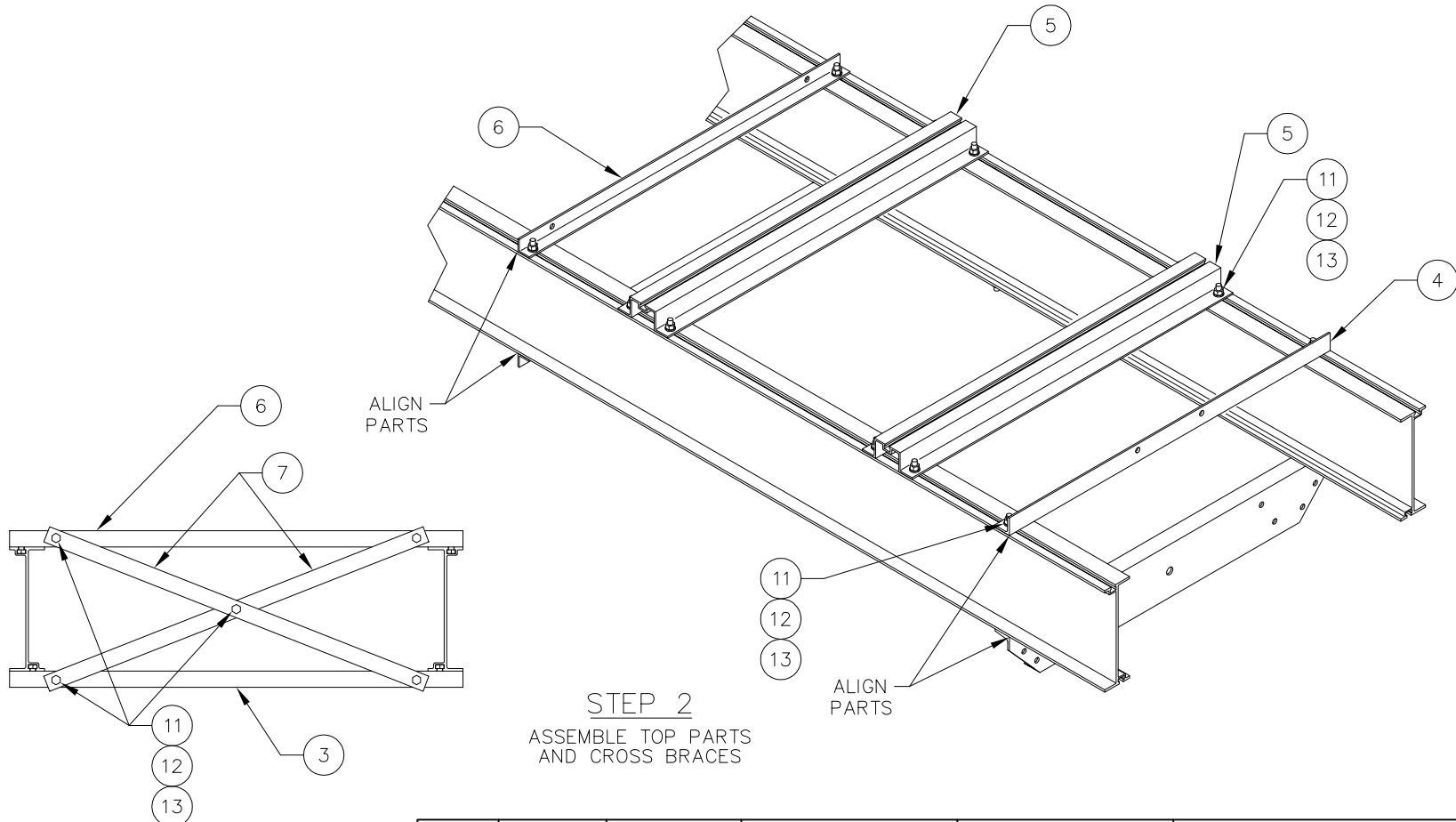
CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED. DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. UNPUBLISHED HUBBELL POWER SYSTEMS. ALL RIGHTS RESERVED UNDER THE APPLICABLE LAWS.



NOTES:

① PLACE EVENLY ALONG I-BEAMS EVERY 64 INCHES.

EC #	DATE	CHG BY	RESP ENG	HUBBELL® POWER SYSTEMS					
DESC OF DWG: --- --- --- ---				CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.					
REASON (S) FOR CHANGE: ---				TITLE CPHD - 202		SIZE ---	DWG NO. ---	CAT / PART / ASSY NO. ---	REV ---
DISPOSITION OF MAT'L: ---				DO NOT SCALE THIS DRAWING	DRN BY ---	DATE ---	SHEET ---		

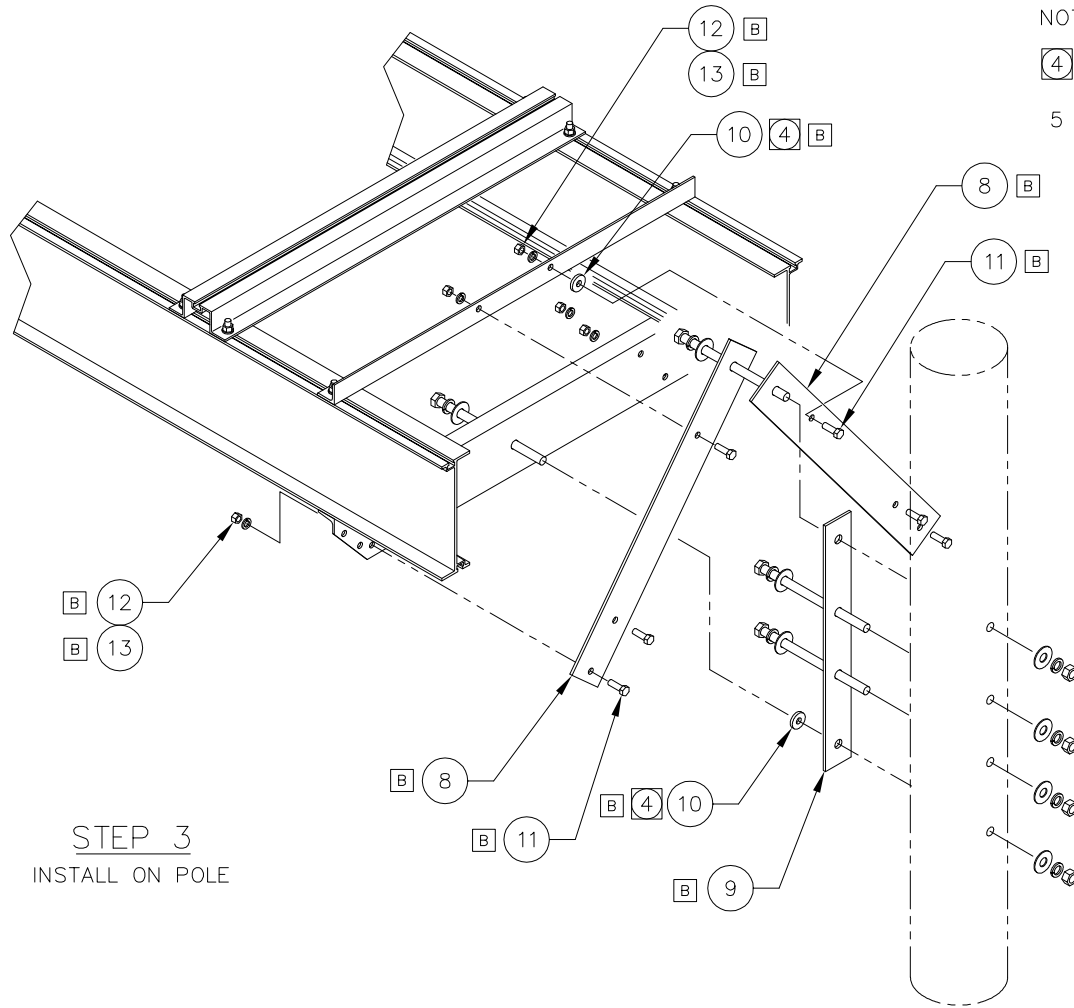


STEP 2
ASSEMBLE TOP PARTS
AND CROSS BRACES

EC #	DATE	CHG BY	RESP ENG	HUBBELL® POWER SYSTEMS POWER SYSTEMS, INC.					
---	---	---	---	TITLE CPHD - 202					
DESC OF DWG: --- --- --- ---				CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.		SIZE ---	DWG NO. ---	CAT / PART / ASSY NO. ---	REV ---
REASON (S) FOR CHANGE: --- DISPOSITION OF MAT'L: ---				DO NOT SCALE THIS DRAWING	DRN BY ---	DATE ---	SHEET ---		

NOTES:

- 4 PLACE SPACER BETWEEN DIAGONAL BRACE AND ANGLE. ANOTHER BETWEEN HORIZONTAL BRACE AND CHANNEL.
- 5 B DENOTES ITEMS BOXED WHEN SHIPPED. ITEM'S ASSOCIATED HARDWARE ALSO BOXED: 36 BOLTS, NUTS AND LOCK WASHERS.



STEP 3
INSTALL ON POLE

PARTS LIST				
ITEM NO.	QTY. REQ'D	PART NO.	DESCRIPTION	MATERIAL SPEC.
1	2	B20601036	I-BEAM W/T-SLOT 22 FT.	AL
2	2	B20206009	BP6CHNL42	AL
3	3	B20206100	BOT ANGLE .188 X 1.50 X 1.50	AL
4	2	B20206028	BPTA 2X2	AL
5	6	B20206030	BPHC 42	AL
6	3	B20206004	TOP ANGLE .188 X 1.50 X 1.50	AL
7	6	B20206022	BPCB 3775	AL
B 8	4	B20206015	BPDB 33	AL
B 9	2	B20206026	BPVB 2475	AL
B 10	4	B20207096	BAWASHER 250	AL
B 11	59	B20201027	1/2-13 X 1.50 HXB (12 BOXED)	ST GA
B 12	59	B20219005	1/2-13 HXN (12 BOXED)	ST GA
B 13	59	B20216003	1/2 LKW (12 BOXED)	ST GA

EC #	DATE	CHG BY	RESP ENG		HUBBELL POWER SYSTEMS		
DESC OF DWG:					CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED. ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.		
REASON (S) FOR CHANGE: --				SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
DISPOSITION OF MAT'L: --				DO NOT SCALE THIS DRAWING	DRN BY --	DATE --	SHEET --

CPHD - 202