

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
2	AS REQ'D	EA	WING NUT MQM-F1/2"	50	AS REQ'D	377883
3	AS REQ'D	EA	HEX HEAD BOLT 1/2" x 1-1/4"	50	AS REQ'D	411767
4	AS REQ'D	EA	WASHER 1/2"	100	AS REQ'D	411758
5	AS REQ'D	EA	CHANNEL END CAP MEK RED	50	AS REQ'D	244886
6	AS REQ'D	EA	GIRDER END CAP MIA-EC90	25	AS REQ'D	432077
7	AS REQ'D	PR	CONNECTOR MIC-U-MA	2	AS REQ'D	304806
8	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
9	AS REQ'D	EA	CONNECTOR MIC-S90-X STEEL (SEE TABLE)	VARIES	AS REQ'D	VARIES
10	AS REQ'D	EA	CONNECTOR MIC-SX-MA STEEL (SEE TABLE)	VARIES	AS REQ'D	VARIES
11	AS REQ'D	EA	BEAM CLAMP MI-SGC-M12	16	AS REQ'D	233859
12	AS REQ'D	EA	ONEHAND SCREW MIA-OH90	10	AS REQ'D	304889
13	AS REQ'D	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	AS REQ'D	382897
14	AS REQ'D	EA	USE 1/2" Ø KB3 OR KB-TZ AS APPROPRIATE (TYP.)	VARIES	AS REQ'D	VARIES
15	AS REQ'D	EA	USE 5/8" Ø KB3 OR KB-TZ AS APPROPRIATE (TYP.)	VARIES	AS REQ'D	VARIES

## MIC-S90-X

# Beam Width Table

Х	'B' Width	Item No.	
Α	2.9 to 6.5	304812	
В	6.5 to 9.2	304813	
С	9.2 to 11.8	304814	

## MIC-SX-MA

### Beam Width Table

Х	'B' Width	Item No.
Α	2.9 to 6.5	304815
В	6.5 to 9.2	304816
С	9.2 to 11.8	304817

#### NOTE(S)

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- 2. DESIGN ASSUMPTIONS:
  - a. NO LOADS CONSIDERED CONCEPT ONLY
  - b. LATERAL LOADS NOT CONSIDERED
  - c. BUILDING CODE: NOT SPECIFIED
  - d. CORROSION RESISTANCE REQD.: NOT SPECIFIED
- 2. REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.
- 3. E.O.R. MUST BE NOTIFIED OF ANY DEVIATIONS FROM EXISTING/ NEW SUBSTRATE CONDITIONS SHOWN HEREIN TO VALIDATE ACCEPTANCE OF THIS HILTI DESIGN PRIOR TO INSTALLATION.



All loading and design criteria supplied by customer is assumed accurate. Only the stated Design Assumptions were considered, and must be verified by the responsible Engineer of Record (EOR). The basis of Hilti component and connection design is the published data in the current Hilti Technical Guide, including material and cross-section properties, allowable load values, factors of safety, methods of calculation, and limiting factors. The EOR must verify suitability for any specific application, and the capacity of the supportive structure to receive the shown configuration and associated reaction loads. Modification to components and/or design may alter performance and must be evaluated by the EOR.

TYPICAL DETAIL TYPE:

### **CABLE TRAY SUPPORT**

TYPICAL DETAIL DESCRIPTION:

# BRACED CANTILEVER STACKED

DESIGNED BY:  KL AJV	
KL AJV	
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DRAWN BY: ISSUE DATE:	
GAB 05 JAN 15	

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NO:	DESCRIPTION:	DATE:		
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TYPICAL DETAIL NOMENCLATURE:

### CT-BC03-C/S

DRAWING NUMBER:	SHEET:
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