







No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	4	EA	USE 5/8" Ø KB-TZ SS AS APPROPRIATE	VARIES	VARIES	VARIES
2	1	EA	CONNECTOR MIC-C90-D-2000 WELDED BRACKET	1	1	267793
3	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
4	2	PR	CONNECTOR MIC-U-MA	2	1	304806
5	1	PR	CONNECTOR MIC-90-LH	3	1	2048107
6	4	EA	EASYHAND SCREW MIA-EH90	10	1	304887
7	4	EA	TOOTHED PLATE MIA-TP	20	1	305707
8	4	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
9	2	EA	GIRDER END CAP MIA-EC90	25	1	432077

NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- DESIGN ASSUMPTIONS:
 - a. DESIGN LOADS (STATIC, U.N.O.):

DL: 40 lb/ft

LL: 200 lbs.

WL: 26 psf.

EL: E_h = 0.24 DL (LATERAL), E_v = 0.08 DL (VERTICAL)

- b. BUILDING CODE: IBC 2009
- c. CORROSION RESISTANCE REQD.: HDG
- d. MAX. SUPPORT SPACING = 9'-6"
- 2. REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.
- 3. E.O.R. MUST BE NOTIFIED OF ANY DEVIATIONS FROM 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 SINGLE

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

ı	REV	ISIONS:	
ı	NO:	DESCRIPTION:	DATE:
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TYPICAL DETAIL NOMENCLATURE:

CT-BC05-C

DRAWING NUMBER:	SHEET:
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