



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 VERTICAL

DESIGNED BY: KL
REVIEWED BY: AJV

DRAWN BY: GAB
ISSUE DATE: 05 JAN 15

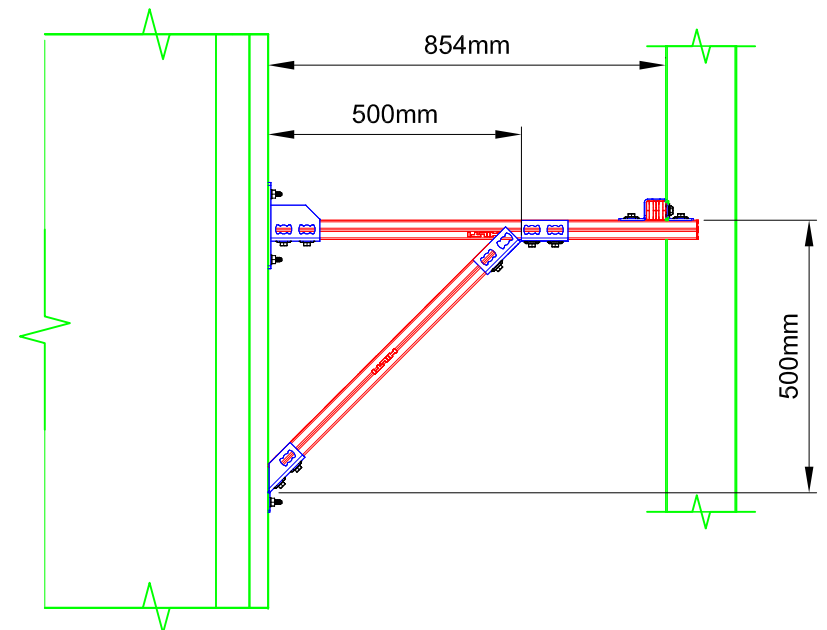
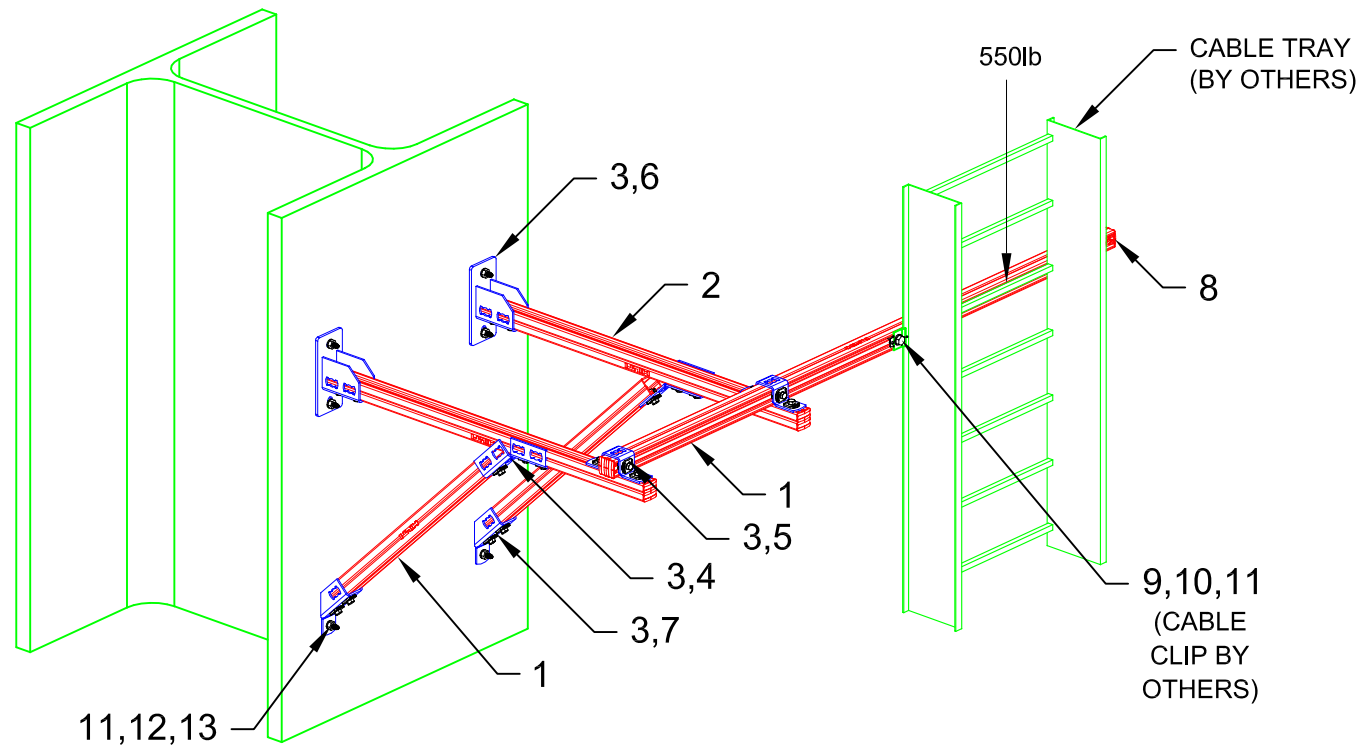
REVISIONS:

NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	05 JAN 15

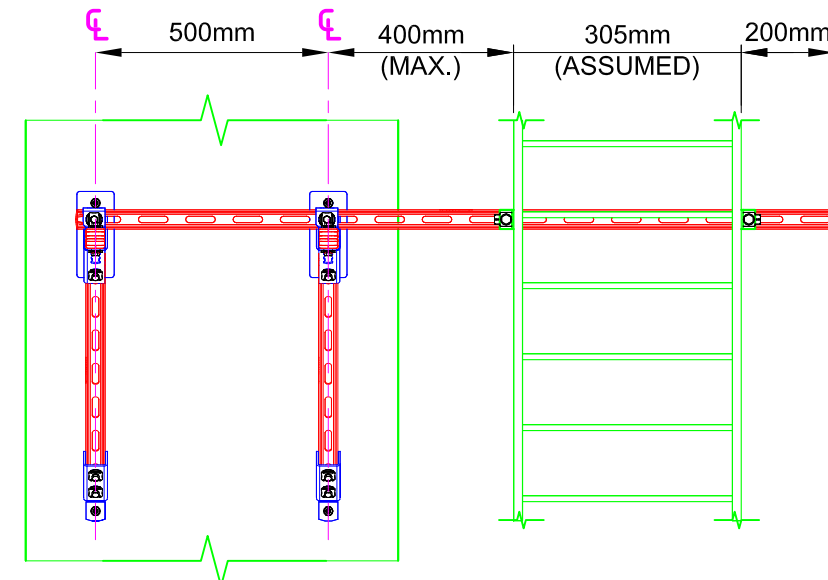
TYPICAL DETAIL NOMENCLATURE:

CT-BC53-S

DRAWING NUMBER: 01
SHEET: 1/1



02 ELEVATION N.T.S.



03 ELEVATION N.T.S.

ELEV. 02
SHEET 1/1

ELEV. 03
SHEET 1/1

01 ISOMETRIC N.T.S.

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	STRUT HS-1316-12/PG 10' B2B	1	AS REQ'D	2007081
3	20	EA	CHANNEL CONNECTOR MQN	50	1	369623
4	2	EA	8-HOLE ANGLE MQW-8/45	10	1	369660
5	2	EA	CLAMP MQB-41	10	1	369668
6	2	EA	RAIL SUPPORT MQP-21-72	12	1	369651
7	2	EA	RAIL SUPPORT MQP-45	10	1	369649
8	8	EA	CHANNEL END CAP MEK RED	50	1	244886
9	2	EA	WING NUT MQM-F3/8"	50	1	377882
10	2	EA	HEX HEAD BOLT 3/8" x 1-1/4"	100	1	411764
11	8	EA	WASHER 3/8"	200	1	411757
12	6	EA	WASHER 1/2"	100	1	411758
13	6	EA	HEX NUT-HEAVY DUTY 3/8"	100	1	411752
14	6	EA	X-BTW10-24-6 SN12-R	100	1	377076

NOTE(S):

- PRELIMINARY NOT FOR CONSTRUCTION
- DESIGN ASSUMPTIONS:
 - DESIGN LOADS (STATIC, U.N.O.):
DL: 550lb
 - LATERAL LOADS NOT CONSIDERED
 - BUILDING CODE: IBC 2006 / 2009 / 2012
 - CORROSION RESISTANCE REQD.: HDG / SS / EG
 - MAX. SUPPORT SPACING = NOT PROVIDED
- ALL LOADS ASSUMED TO ACT AT CENTER OF PIPE(S), U.N.O.
- REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO. 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.
- 12" CABLE TRAY (ASSUMED)