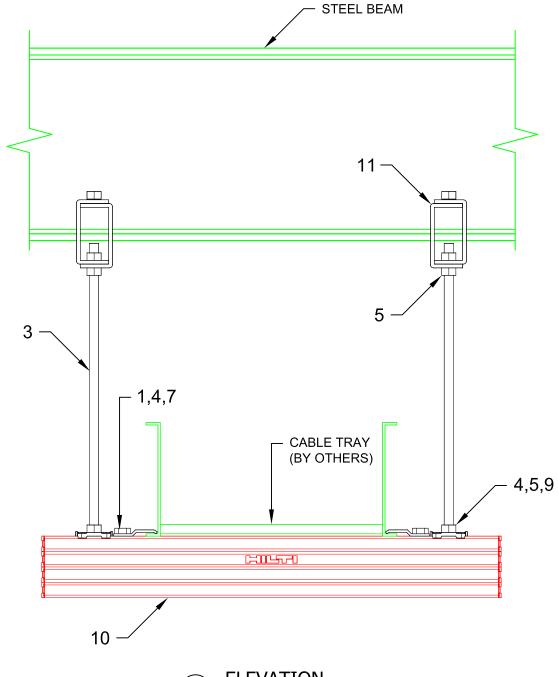


TRAPEZE STYLE CABLE TRAY SUPPORTED FROM STEEL BEAM FLANGE WIDTH 3/4" OR SMALLER (T4B & T4BHD)

No.	Unit Qty				Unit	Description	Box Qty	# Boxes Needed	Item No.
	T4B	T4BHD	T4C	T4CHD				Needed	
1	1	1	1	1	EA	CABLE TRAY HOLD DOWN/EXPANSION CLAMP	VARIES	VARIES	BY OTHERS
2	-	-	-	-	EA	STRUT HS-158-12/HDG 10'	1	AS REQ'D	407570
3	10FT	10FT	10FT	10FT	EA	THREADED ROD 1/2" SS316	VARIES	AS REQ'D	SPECIAL
4	4	4	4	4	EA	WING NUT MQM-F1/2"-R (SS316)	25	1	304020
5	6	6	6	6	EA	HEX NUT STANDARD 1/2" SS316	100	1	411776
6	-	-	-	-	EA	1/2" LOCKWASHER SS316	VARIES	VARIES	SPECIAL
7	2	2	2	2	EA	HEX HEAD BOLT 1/2" X 1" SS316	50	1	411790
8	2	2	-	-	EA	1/2" ALL THREADED ROD BEAM CLAMP (BC16)	VARIES	VARIES	BY OTHERS
9	2	2	2	2	EA	BASE PLATE MQZ-F1/2"-R (SS316)	20	1	304077
10	4FT	4FT	4FT	4FT	EA	STRUT HS-158-12/HDG 10' B2B	1	AS REQ'D	2007087
11	-	-	2	2	EΑ	1/2" ALL THREADED ROD BEAM CLAMP (BC17)	VARIES	VARIES	SPECIAL





TRAPEZE STYLE CABLE TRAY SUPPORTED FROM STEEL BEAM FLANGE WIDTH 7/8" UP TO 1-5/8" (T4C & T4CHD)

## NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION
- "H.D." SUFFIX ON A DETAIL CALLOUT DENOTES THE USE OF HOLD DOWN CLAMPS IN LIEU OF EXPANSION GUIDES. EXAMPLE: DETAIL "T4HD" IS THE SAME AS DETAIL "T4" EXCEPT THE CLAMP IS INSTALLED FOR HOLD DOWN INSTEAD OF EXPANSION.
- 3. BEAM CLAMPS FOR 1/2" DIAMETER THREADED ROD SHALL BE AS FOLLOWS:
  - a. FOR UP TO 3/4" THINK FLANGE, USE HILTI JS-BC16 OR LOAD CAPACITY EQUIVALENT.
  - b. FOR FLANGES 7/8" THICK OR LARGER, USE HILTI JS-BC17 OR LOAD CAPACITY EQUIVALENT. c. MAX. LOAD FOR BEAM CLAMPS = 1100 lbs.
- 3. DESIGN ASSUMPTIONS:
  - a. NO LOADS CONSIDERED CONCEPT ONLY
  - b. CORROSION RESISTANCE REQD.: HDG / SS316
  - c. MAX. SUPPORT SPACING:
  - HORIZONTAL SUPPORT POINTS FOR CABLE TRAYS SHALL NOT EXCEED 20'-0". HORIZONTAL SUPPORT POINTS FOR 4" CHANNEL SHALL NOT EXCEED 12'-0".
  - d. NOT RATED FOR SEISMIC REGIONS.
- 4. REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.



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 FOR

TYPICAL DETAIL TYPE:

## CABLE TRAY SUPPORT

TYPICAL DETAIL DESCRIPTION:

## TRAPEZE - SINGLE

DESIGNED BY:	REVIEWED BY:	
KL	AJV	
DRAWN BY:	ISSUE DATE:	
GAB	02 JAN 15	

REVISIONS:
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NC	D: DESCRIPTION:	DATE:
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TYPICAL DETAIL NOMENCLATURE:

## CT-TR57-S

DRAWING NUMBER:	SHEET:
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