



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:

TRAPEZE - 3 TIER

DESIGNED BY:

KL

REVIEWED BY:

AJV

DRAWN BY:

GAB

ISSUE DATE:

02 JAN 15

REVISIONS:

NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	02 JAN 15

TYPICAL DETAIL NOMENCLATURE:

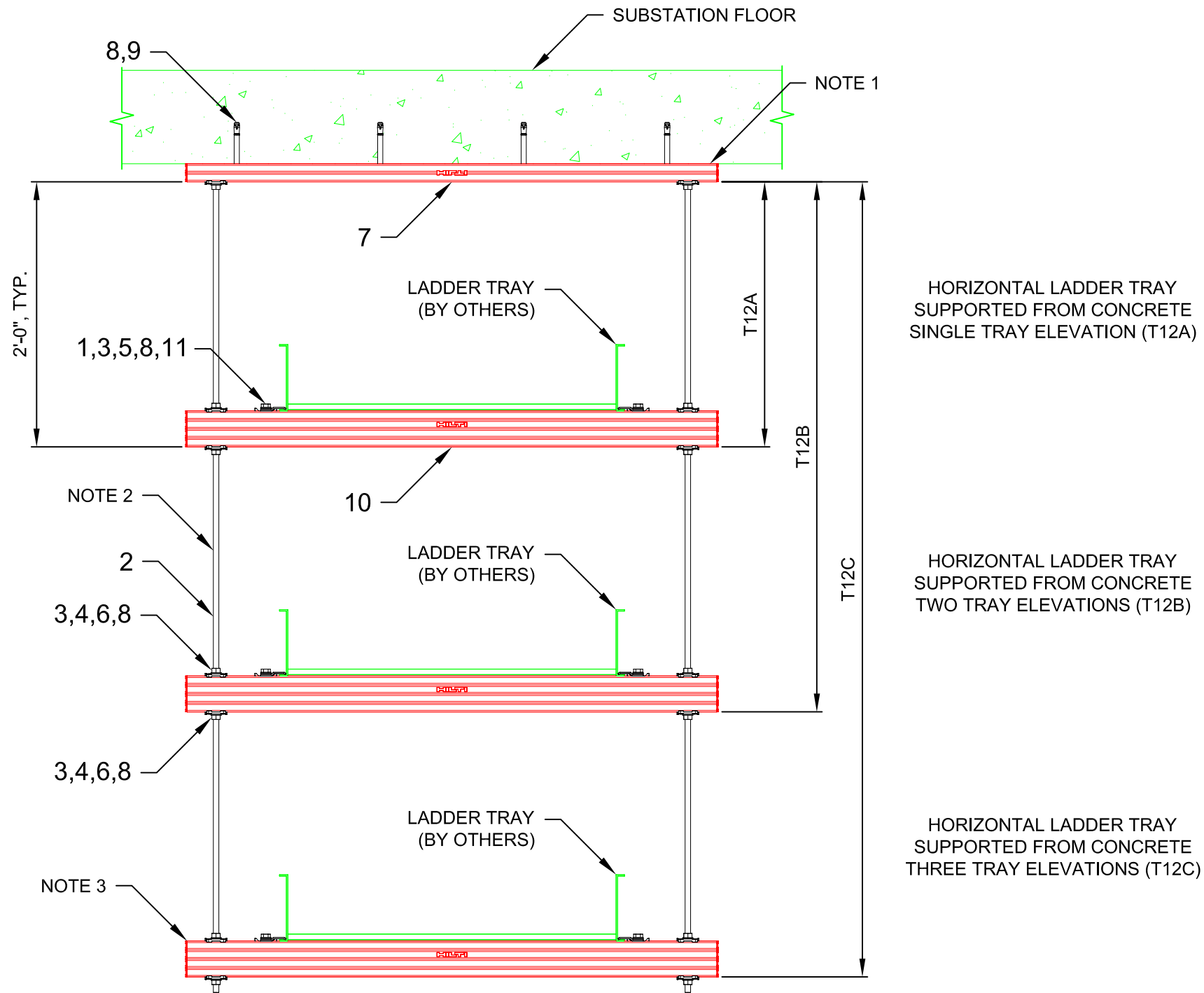
CT-TR59-C

DRAWING NUMBER:

01

SHEET:

1/1



HORIZONTAL LADDER TRAY SUPPORTED FROM CONCRETE SINGLE TRAY ELEVATION (T12A)

HORIZONTAL LADDER TRAY SUPPORTED FROM CONCRETE TWO TRAY ELEVATIONS (T12B)

HORIZONTAL LADDER TRAY SUPPORTED FROM CONCRETE THREE TRAY ELEVATIONS (T12C)

01 ELEVATION
N.T.S.

No.	Unit Qty			Unit	Description	Box Qty	# Boxes Needed	Item No.
	T12A	T12B	T12C					
1	1PR	2PR	3PR	EA	CABLE TRAY HOLD DOWN/EXPANSION CLAMP	VARIES	VARIES	BY OTHERS
2	6FT	12FT	24FT	EA	THREADED ROD 1/2" SS316	VARIES	AS REQ'D	SPECIAL
3	6	8	10	EA	WING NUT MQM-F1/2"-R (SS316)	25	1	304020
4	4	8	12	EA	HEX NUT STANDARD 1/2" SS316	100	1	411776
5	2	4	6	EA	HEX HEAD BOLT 1/2" X 1" SS316	50	1	411790
6	4	8	12	EA	BASE PLATE MQZ-F1/2"-R (SS316)	20	1	304077
7	4FT	4FT	4FT	EA	STRUT HS-158-12/HDG 10'	1	AS REQ'D	407570
8	10	16	22	EA	1/2" LOCKWASHER SS316	VARIES	VARIES	SPECIAL
9	4	4	4	EA	STD STUD ANCHOR KB3 SS316 1/2X5 1/2	25	1	282571
10	4FT	8FT	12FT	EA	STRUT HS-158-12/HDG 10' B2B	1	AS REQ'D	2007087
11	2	4	6	EA	WASHER 1/2" SS316	100	1	411781

- NOTE(S):**
- PRELIMINARY NOT FOR CONSTRUCTION
 - MAXIMUM SUPPORT SPACING:
TWO TRAY ELEVATIONS = 13'-0"
THREE TRAY ELEVATIONS = 10'-0"
 - ALL THREADED ROD TO BE ONE CONTINUOUS PIECE. CUT TO FIT.
 - SEE PLAN DRAWING FOR TRAY ELEVATIONS.
 - DESIGN ASSUMPTIONS:
a. NO LOADS CONSIDERED - CONCEPT ONLY
b. CORROSION RESISTANCE REQD.: HDG / SS316
c. NOT RATED FOR SEISMIC REGIONS.
 - REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO.