



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:

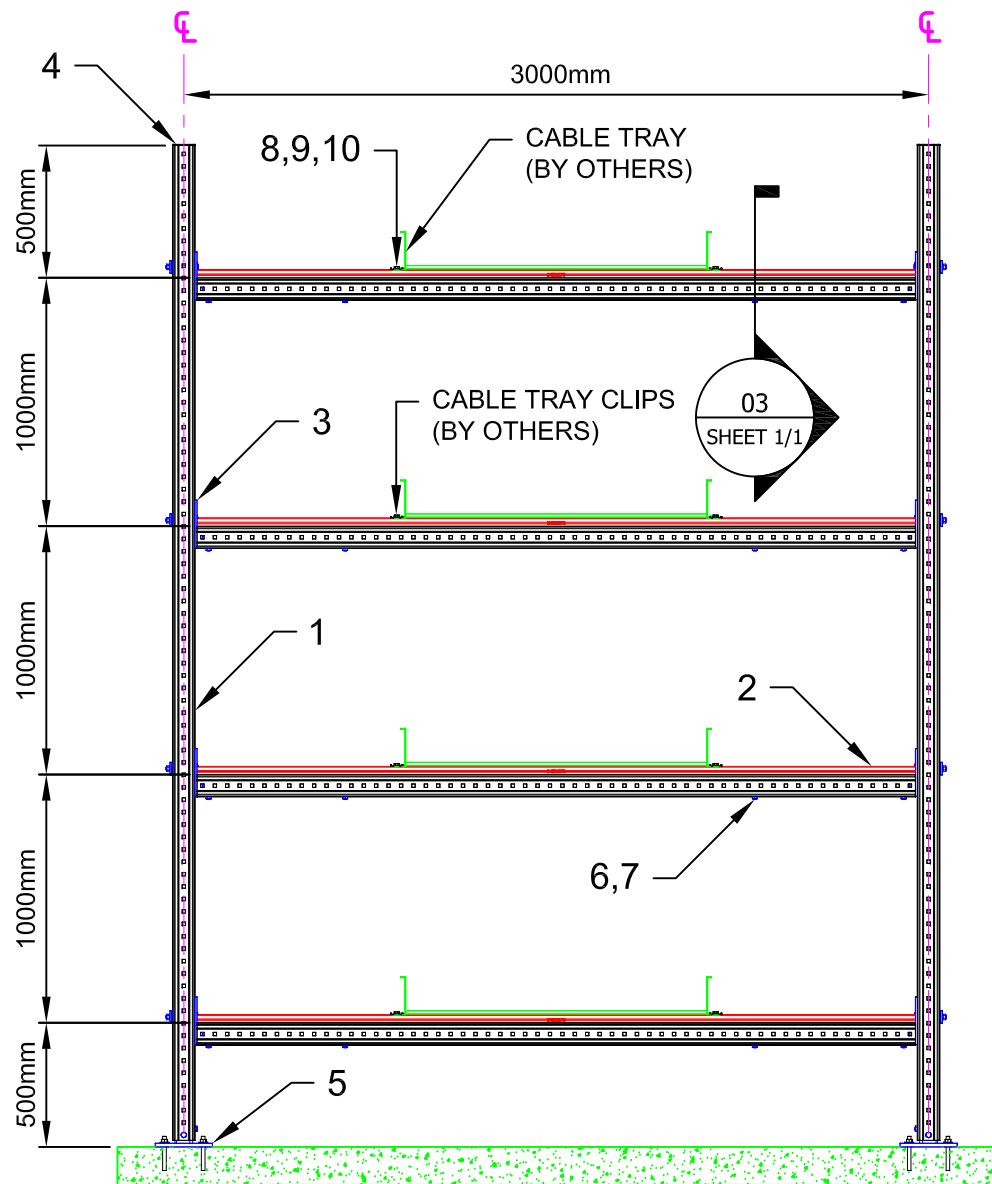
GOALPOST - 4 TIER

DESIGNED BY: KL	REVIEWED BY: AJV
DRAWN BY: BAP	ISSUE DATE: 03 DEC 14

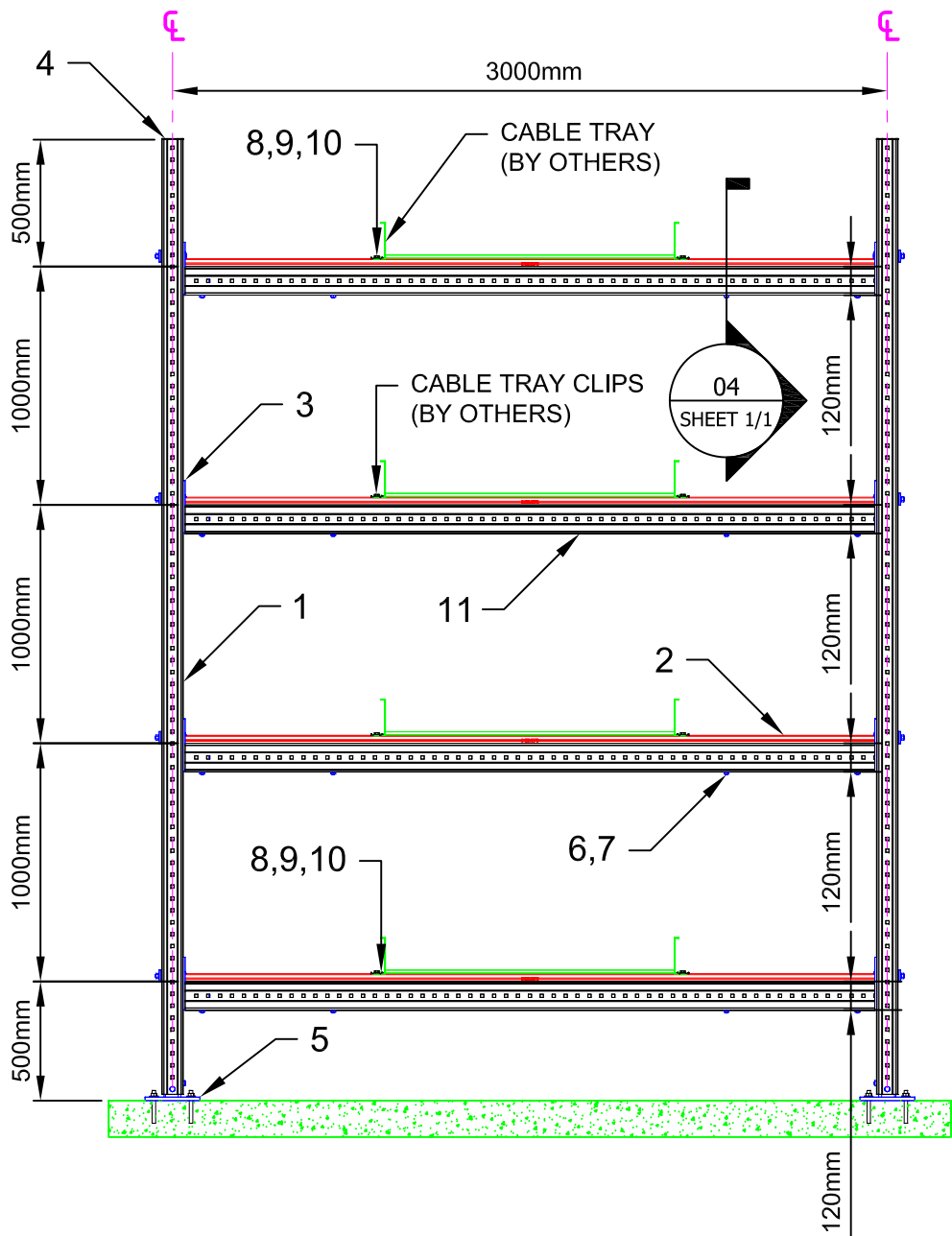
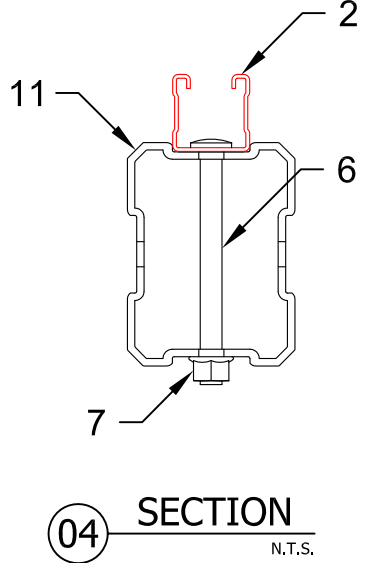
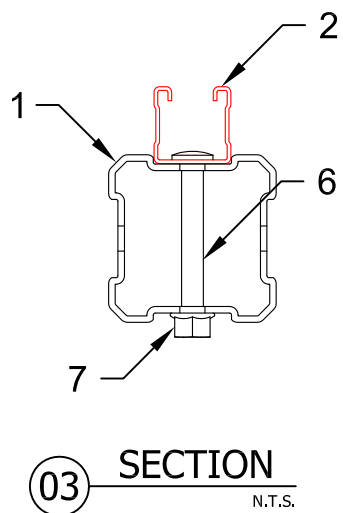
NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	03 DEC 14

TYPICAL DETAIL NOMENCLATURE:
CT-GP03-C

DRAWING NUMBER: 01	SHEET: 1/1
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01 ELEVATION (MI-90 OPTION)
N.T.S.



02 ELEVATION (MI-120 OPTION)
N.T.S.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
MI-90 OPTION						
1	AS REQ'D	EA	GIRDER MI-90 6M	1	AS REQ'D	304799
2	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
3	8	EA	CONNECTOR MIC-90-U	4	2	304803
4	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
5	2	EA	CONNECTOR MIC-C90-D CONCRETE	2	1	304827
6	8	EA	ONEHAND SCREW MIA-OH90	10	1	304889
7	8	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
8	8	EA	WING NUT MQM-F1/2"	50	1	377883
9	8	EA	WASHER 1/2"	100	1	411758
10	8	EA	HEX HEAD BOLT 1/2" x 1"	250	1	311953
MI-120 OPTION						
1	AS REQ'D	EA	GIRDER MI-90 6M	1	AS REQ'D	304799
2	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
3	8	EA	CONNECTOR MIC-120-U	4	2	304804
4	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
5	2	EA	CONNECTOR MIC-C90-D CONCRETE	2	1	304827
6	8	EA	ONEHAND SCREW MIA-OH120	10	1	304890
7	8	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
8	8	EA	WING NUT MQM-F1/2"	50	1	377883
9	8	EA	WASHER 1/2"	100	1	411758
10	8	EA	HEX HEAD BOLT 1/2" x 1"	250	1	311953
11	AS REQ'D	EA	GIRDER MI-120 3M	1	AS REQ'D	304800

NOTE(S):

- PRELIMINARY NOT FOR CONSTRUCTION
- DESIGN ASSUMPTIONS:
 - ALLOWABLE LOAD
MI-90 OPTION = 2.04 kN/M
MI-120 OPTION = 4.58 kN/M
• DISTRIBUTED LOAD APPLICABLE TO EACH BEAM, CENTERED OVER THE MIDDLE 2500mm ONLY.
 - LATERAL LOADS NOT CONSIDERED
 - BUILDING CODE: NBC
 - CORROSION RESISTANCE REQ'D.: HDG
- REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO.