



# Boxes

Needed

VARIES

AS REQ'D

2

AS REQ'D

VARIES

**Box Qty** 

VARIES

3

10

20

100

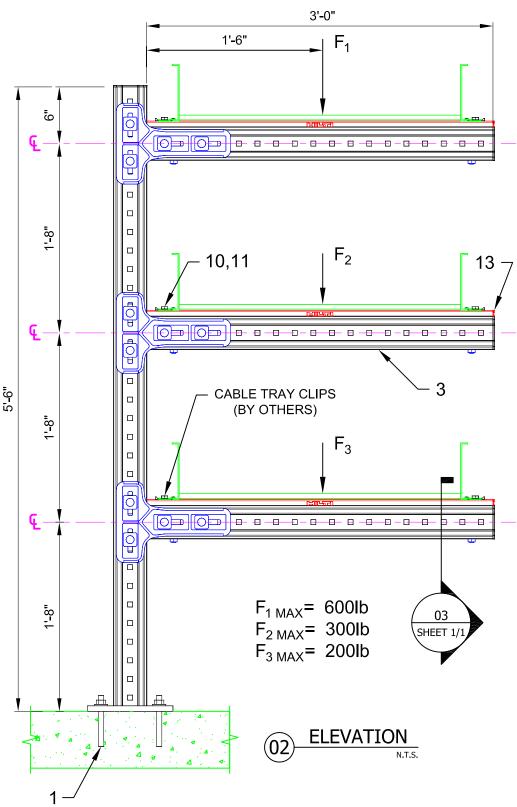
25

25

VARIES

10

50



## NOTE(S):

- 1. PRELIMINARY NOT FOR CONSTRUCTION.
- 2. DESIGN ASSUMPTIONS:
  - a. DESIGN LOADS (STATIC, U.N.O.): DL: AS SHOWN ON SUPPORT
  - LOADS ARE ULTIMATES.
    b. LATERAL LOADS NOT CONSIDERED
  - c. BUILDING CODE: IBC 2006 / 2009 / 2012
  - d. CORROSION RESISTANCE REQD.: HDG / SS / EG
  - e. MAX. SUPPORT SPACING = TBD
- 2. ALL LOADS ASSUMED TO ACT AT CENTER OF PIPE(S), U.N.O.
- 3. REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.
- 4. 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.



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:

## F-FRAME - 3 TIER

DESIGNED BY:	REVIEWED BY:
AJV	KL
DRAWN BY:	ISSUE DATE:
BAP	18 NOV 14

REV	SIC	NS:

NO:	DESCRIPTION:	DATE:
<u>A</u>	ORIGINAL ISSUE	18 NOV 14
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TYPICAL DETAIL NOMENCLATURE:

## CT-F04-C

DRAWING NUMBER:	SHEET:
01	1/1

No.

2

3

5

6

7

8

9

10

11

12

13

**Unit Qty** 

4

AS REQ'D

3

12

12

18

4

AS REQ'D

6

6

6

3

Unit

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Description

GIRDER MI-90 3M

USE KB3 OR KB-TZ AS APPROPRIATE

CONNECTOR MIC-90-LH (2048107)

STRUT MS-1316-12/HDG 9'-10" (3M)

3/8" x 1/2" LONG HDG HEX HEAD BOLT

EASYHAND SCREW MIA-EH90

MI HEX NUT M12-F-SL-WS 3/4"

GIRDER END CAP MIA-EC90

ONEHAND SCREW MIA-OH90

CHANNEL END CAP MEK RED

TOOTHED PLATE MIA-TP

WING NUT MQM-F3/8"-F

CONNECTOR MIC-C90-D-2000 WELDED BRACKET