



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:

ELECTRICAL & INSTRUMENTATION APPLICATION

TYPICAL DETAIL DESCRIPTION:

BRACED CABINET STAND

DESIGNED BY:

KL

REVIEWED BY:

AJV

DRAWN BY:

GAB

ISSUE DATE:

05 DEC 14

REVISIONS:

NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	05 DEC 14

TYPICAL DETAIL NOMENCLATURE:

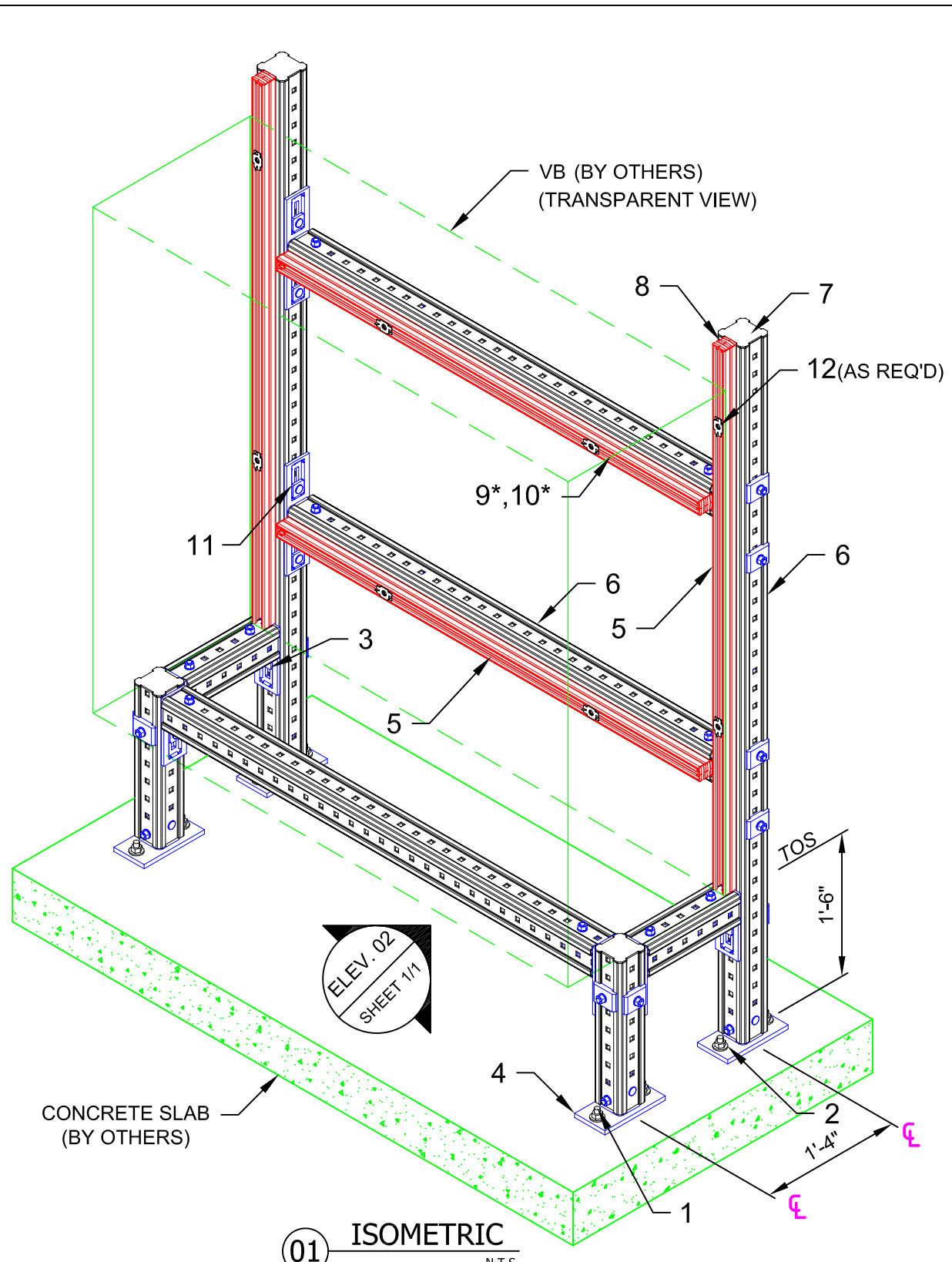
EI-BPS03-C

DRAWING NUMBER:

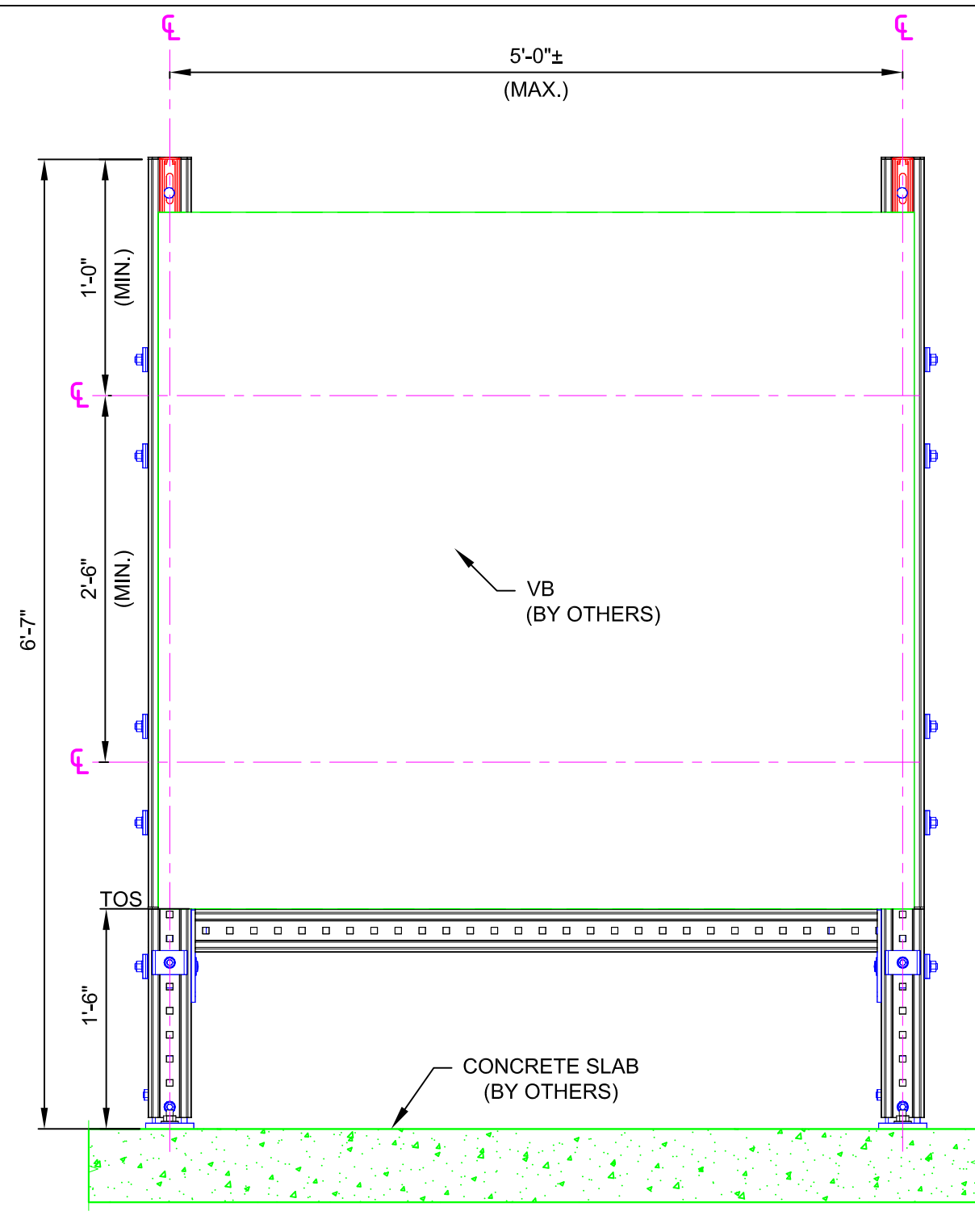
01

SHEET:

1/1



01 ISOMETRIC
N.T.S.



02 ELEVATION
N.T.S.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	8	EA	USE 3/8" KHEZ AS APPROPRIATE	VARIES	VARIES	VARIES
2	8	EA	WASHER 1/2"	100	1	411758
3	6	EA	CONNECTOR MIC-90-U	4	2	304803
4	4	EA	CONNECTOR MIC-C90-AA CONCRETE	2	2	304825
5	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
6	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
7	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
8	4	EA	CHANNEL END CAP MEK RED	50	1	244886
9	12	EA	ONEHAND SCREW MIA-OH90	10	2	304889
10	12	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
11	4	EA	CONNECTOR MIC-90-L	2	2	304805
12	8	EA	WING NUT MQM-F1/2"	50	1	377883

NOTE(S):
 1. PRELIMINARY NOT FOR CONSTRUCTION
 2. DESIGN ASSUMPTIONS:
 a. DESIGN LOADS (STATIC, U.N.O.):
 DL: HC-MVB BOX = 800 lbs.
 EL: 256 lbs.
 b. BUILDING CODE: IBC 2012
 c. CORROSION RESISTANCE REQD.: EG/HDG
 2. REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO.
 3. 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.
 4. * ATTACH MQ TO MI USING #9 AND #10. USE (2) FOR HORIZONTAL ATTACHMENT (PLUS BOLT INCLUDED WITH MIC-90-L AT EACH END), AND (4) FOR VERTICAL ATTACHMENT.