

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
2	4	EA	CHANNEL END CAP MEK RED	50	1	244886
3	12	EA	4-HOLE ANGLE MQW-4	10	2	369658
4	2	EA	3-HOLE ANGLE MQW-3/45	20	1	369657
5	2	EA	RAIL SUPPORT MQV-2/2 D-14	10	1	369639
6	2	EA	RAIL SUPPORT MQP-45	10	1	369649
7	38	EA	CHANNEL CONNECTOR MQN	50	1	369623
8	8	EA	WING NUT MQM-F3/8"	50	1	377882
9	8	EA	WASHER 3/8"	200	1	411757
10	8	EA	HEX HEAD BOLT 3/8" x 1-1/4"	100	1	411764
11	6	EA	USE 1/2" DIA. KB3 OR KB-TZ AS APPROPRIATE	VARIES	VARIES	VARIES

NOTE(S):

- PRELIMINARY NOT FOR CONSTRUCTION
- **DESIGN ASSUMPTIONS:**
 - a. DESIGN LOADS (STATIC, U.N.O.):
 - DL: 360 LBS (VSD)
 - 51 LBS (FILTER)
 - b. LATERAL LOADS NOT CONSIDERED
 - c. CORROSION RESISTANCE REQD.:EG
- REFER TO COMPONENT MANUFACTURER'S IFUS FOR REQUIRED INSTALLATION INFO.
- E.O.R. MUST BE NOTIFIED OF ANY DEVIATIONS FROM EXISTING SUBSTRATE CONDITIONS SHOWN HEREIN TO VALIDATE ACCEPTANCE OF THIS HILTI DESIGN PRIOR TO INSTALLATION.

*4. FIELD BEND TO ACHIEVE SPECIFIED ANGLE.



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

TYPICAL DETAIL TYPE:

ELECTRICAL & INSTRUMENTATION APPLICATION

TYPICAL DETAIL DESCRIPTION:

BRACED PANEL STAND

DESIGNED BY:	REVIEWED BY:	
KL	AJV	
DRAWN BY:	ISSUE DATE:	
GAB	05 DEC 14	

DATE: 05 DEC 14

NO:	DESCRIPTION:
<u>A</u>	ORIGINAL ISSUE
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TYPICAL DETAIL NOMENCLATURE:

EI-BPS53-C

DRAWING NUMBER: SHEET: 1/1 01