

No.	Unit Qty	Unit	Description	Box Qty	# Boxes	Item No.
1.40.					Needed	
1	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
2	AS REQ'D	EA	STRUT HS-158-12/HDG 10'	1	AS REQ'D	407570
3	2	EA	CONNECTOR MIC-C90-D-2000 WELDED BRACKET	1	2	267793
4	8	EA	USE 5/8" Ø KB3 OR KB-TZ AS APPROPRIATE	VARIES	VARIES	VARIES
5	2	EA	CONNECTOR MIC-90-U	4	2	304803
6	2	EA	CONNECTOR MIC-90-L	2	1	304805
7	8	EA	ONEHAND SCREW MIA-OH90	10	1	304889
8	8	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
9	8	EA	WING NUT MQM-F3/8"-F	25	1	304136
10	8	EA	WASHER 3/8" HDG	VARIES	VARIES	SPECIAL
11	8	EA	HEX HEAD BOLT 3/8" x 1-1/4" HDG	VARIES	VARIES	SPECIAL
12	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
13	8	EA	CHANNEL END CAP MEK RED	50	1	244886



- 1. PRELIMINARY NOT FOR CONSTRUCTION
- 2. DESIGN ASSUMPTIONS:
 - a. DESIGN LOADS (STATIC, U.N.O.): DL: PANEL WEIGHT = 100 lbs. EACH
 - WL: 56 psf.
 - b. CORROSION RESISTANCE REQD.: 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. *COORDINATE WITH PANEL MOUNTING FLANGES.



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:

5/16"

2'-7

ELECTRICAL & INSTRUMENTATION APPLICATION

TYPICAL DETAIL DESCRIPTION:

PANEL STAND

DESIGNED BY:	REVIEWED BY:				
KL	AJV				
DRAWN BY:	ISSUE DATE:				
GAB	04 DEC 14				

REV	VISIONS:							
NO:	DESCRIPTION:	DATE:						
<u>A</u>	ORIGINAL ISSUE	04 DEC 14						
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TYPICAL DETAIL NOMENCLATURE:

EI-PS02-C

DRAWING NUMBER: SHEET:

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