

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
2	1	EA	GIRDER MI-120 3M	1	1	304800
3	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
4	2	EA	CONNECTOR MIC-90-LH	3	1	2048107
5	8	EA	EASYHAND SCREW MIA-EH90	10	1	304887
6	8	EA	TOOTHED PLATE MIA-TP	20	1	305707
7	8	EA	MI HEX NUT M12-F-SL-WS 3/4"	100	1	382897
8	4	EA	BEAM CLAMP MI-SGC-M12	16	1	233859
9	1	PR	CONNECTOR U-BOLT MIC-UB90-M16	6	1	304834
10	2	EA	CONNECTOR PIPE SHOE MIC-PG	10	1	304842
11	1	EA	GIRDER END CAP MIA-EC120	25	1	432078
12	1	EA	CONNECTOR MIC-S120-X STEEL (SEE TABLE)	2	1	VARIES



- 1. REFER TO TABLE FOR DIMENSIONAL LIMITATIONS BASED ON PIPE
- 2. ALLOWABLE LOADS CONSIDER APPROPRIATE LOAD FACTORS AND LOAD COMBINATIONS PER APPLICABLE CODES AND STANDARDS.
- 3. ALL LOADS ASSUMED TO ACT AT HORIZONTAL € OF PIPE(S) WHICH ARE SITTING DIRECTLY ON TOP OF MI GIRDER, U.N.O.
- 4. VERTICAL LOAD APPLIED WITH ONE HORIZONTAL LOAD AT A TIME.
- 5. LOADS IN TABLE ABOVE ARE PER HORIZONTAL ARM.



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

PROJECT NAME:

## TYPICAL DETAILS

SERVICE REQUEST DESCRIPTION:

## PIPING F-FRAME STEEL

DESIGNED BY:	REVIEWED BY:
AJV	ISE
DRAWN BY:	ISSUE DATE:
HAM	02 DEC 14

NO:	DESCRIPTION:	DATE:			
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SERVICE REQUEST NUMBER:

## TD-P-F06-S

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