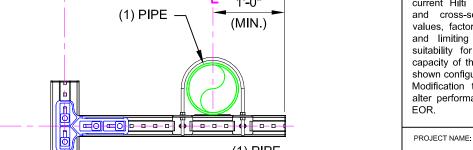


No	. Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
2	1	EA	CONNECTOR MIC-C120-D-2000 WELDED BRACKET	1	1	270472
3	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
4	2	EA	CONNECTOR MIC-90-LH	3	1	2048107
5	8	EA	EASYHAND SCREW MIA-EH90	10	1	304887
6	8	EA	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	USE KB3 OR KB-TZ AS APPROPRIATE	VARIES	VARIES	VARIES
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





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

REVISIONS:

TYPICAL DETAILS

SERVICE REQUEST DESCRIPTION:

PIPING F-FRAME CONCRETE

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

NO:	DESCRIPTION:	DATE:
<u>A</u>	ORIGINAL ISSUE	02 DEC 14
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SERVICE REQUEST NUMBER:

TD-P-F06-C

DRAWING NUMBER:	SHEET:
01	1/1

	COMBINATIONS PER APPLICABLE CODES AND STANDARDS.
3.	ALL LOADS ASSUMED TO ACT AT HORIZONTAL \P 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.

2. ALLOWABLE LOADS CONSIDER APPROPRIATE LOAD FACTORS AND LOAD

REFER TO TABLE FOR DIMENSIONAL LIMITATIONS BASED ON PIPE