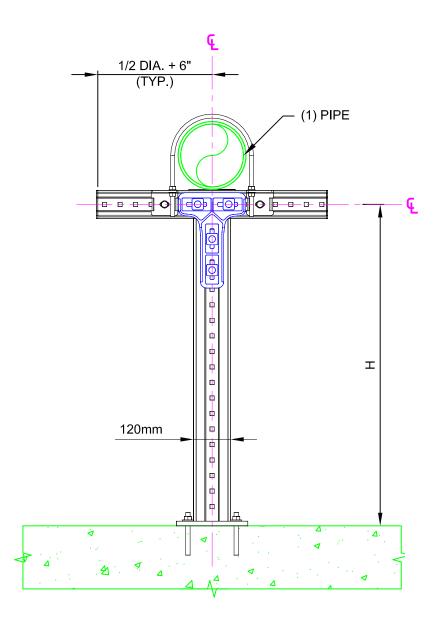


U-BOLT LOOSE FIT -



No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	1	EA	CONNECTOR MIC-C120-D-2000 WELDED BRACKET	1	1	270472
2	AS REQ'D	EA	GIRDER MI-90 3M	1	AS REQ'D	304798
3	1	EA	CONNECTOR U-BOLT MIC-UB90-M16	6	1	304834
4	2	EA	CONNECTOR PIPE SHOE MIC-PG	10	1	304842
5	2	EA	GIRDER END CAP MIA-EC90	25	1	432077
6	4	EA	USE KB3 OR KB-TZ AS APPROPRIATE	VARIES	VARIES	VARIES
7	1	EA	CONNECTOR MIC-90-LH	3	1	2048107
8	4	EA	EASYHAND SCREW MIA-EH90	10	1	304887
9	4	EA	PREVAIL TORQUE HEX NUT M12-F-SL-WS 3/4"	100	1	382897
10	4	EA	TOOTHED PLATE MIA-TP	20	1	305707





NOTE(S):

- 1. ALLOWABLE LOADS CONSIDER APPROPRIATE LOAD FACTORS AND LOAD COMBINATIONS PER APPLICABLE CODES AND STANDARDS.
- 2. ALL LOADS ASSUMED TO ACT AT HORIZONTAL € OF PIPE(S) WHICH ARE SITTING DIRECTLY ON TOP OF MI GIRDER, U.N.O.
- 3. VERTICAL LOAD APPLIED WITH ONE HORIZONTAL LOAD AT A TIME.
- 4. PIPE HORIZONTAL OFFSET FROM MI POST € = 0"



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 FOR

PRO	IECT	NAM

REVISIONS:

TYPICAL DETAILS

SERVICE REQUEST DESCRIPTION:

PIPING T-POST CONCRETE

DESIGNED BY:	REVIEWED BY:	
AJV	ISE	
DRAWN BY:	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-TP01-C

DRAWING NUMBE	ER:	SHEET:	
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