Maximum "H" (in)	Allowable Vertical Load (lbs)	Allowable Transverse Load (lbs)	Allowable Longitudinal Load (lbs)
48	3285	0	0
48	2541	762	0
48	3125	0	937
60	3285	0	0
60	2541	762	0
60	3083	0	925
72	3285	0	0
72	2500	750	0
72	2416	0	725

CONCRETE SLAB NOT SHOWN FOR CLARITY

U-BOLT LOOSE FIT (BY OTHERS)

LONGITUDINAL

TRANSVERSE

ELEV. 02
SHEET 1/1

01 ISOMETRIC
N.T.S.

6'-0" (MAX.)

120mm   120mm

H

120mm

(1) PIPE

EQ.   EQ.

02 ELEVATION
N.T.S.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	2	EA	CONNECTOR MIC-C120-D-2000 WELDED BRACKET	1	2	270472
2	AS REQ'D	EA	GIRDER MI-120 3M	1	AS REQ'D	304800
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-EC120	25	1	432078
6	8	EA	USE KB-TZ AS APPROPRIATE	VARIES	VARIES	VARIES
7	2	EA	CONNECTOR MIC-120-U	4	1	304804
8	2	EA	EASYHAND SCREW MIA-EH120	10	1	304888

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.

HILTI

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.

PROJECT NAME:

TYPICAL DETAILS

SERVICE REQUEST DESCRIPTION:

PIPING TRAPEZE CONCRETE

DESIGNED BY:	REVIEWED BY:
AJV	ISE

DRAWN BY:	ISSUE DATE:
HAM	02 DEC 2014

REVISIONS:

NO:	DESCRIPTION:	DATE:
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SERVICE REQUEST NUMBER:

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