



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:
PIPE SUPPORT

TYPICAL DETAIL DESCRIPTION:
TRAPEZE - SINGLE

DESIGNED BY:
KL

REVIEWED BY:
AJV

DRAWN BY:
HAM

ISSUE DATE:
03 DEC 14

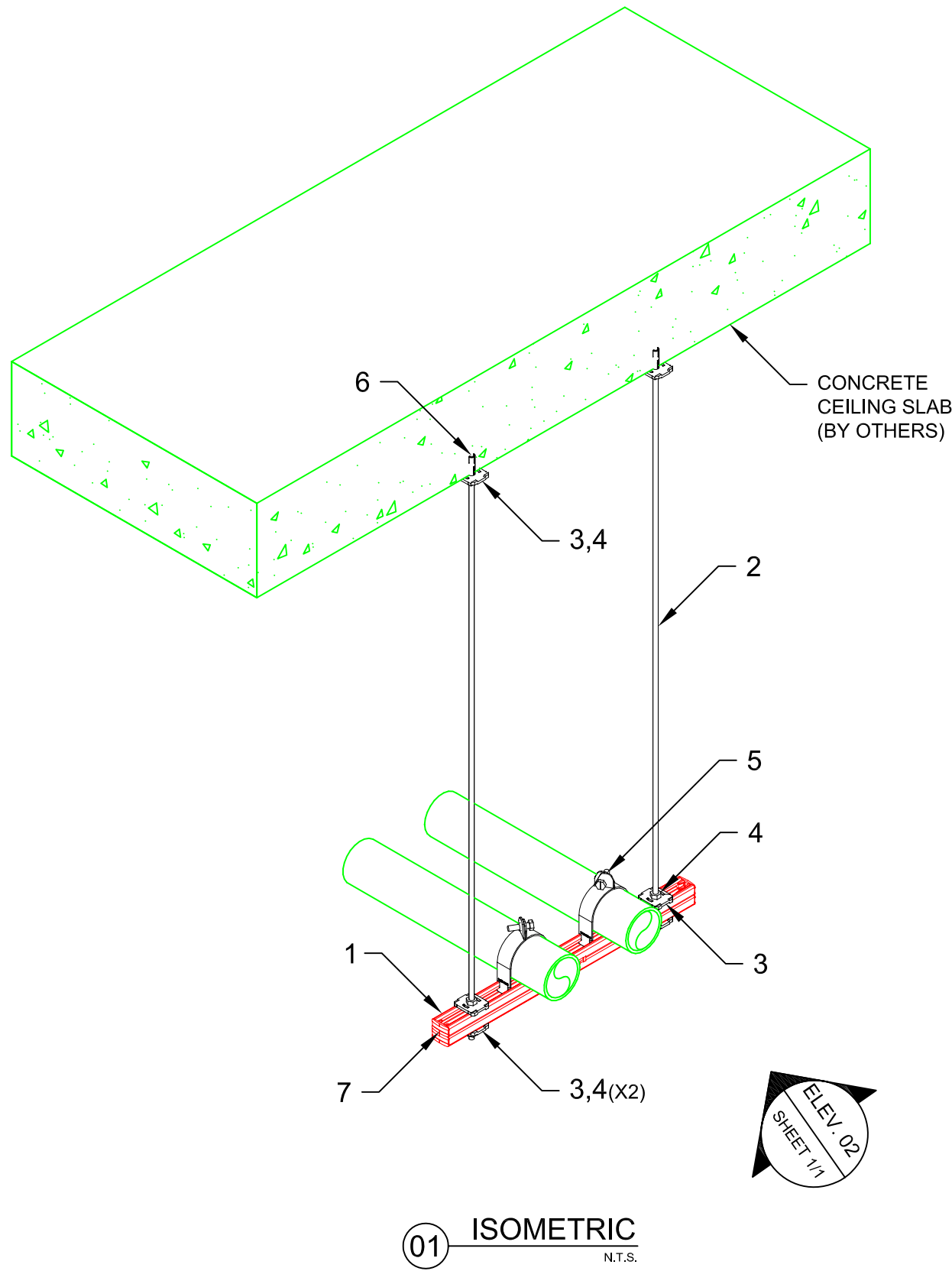
REVISIONS:

NO.	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	03 DEC 14

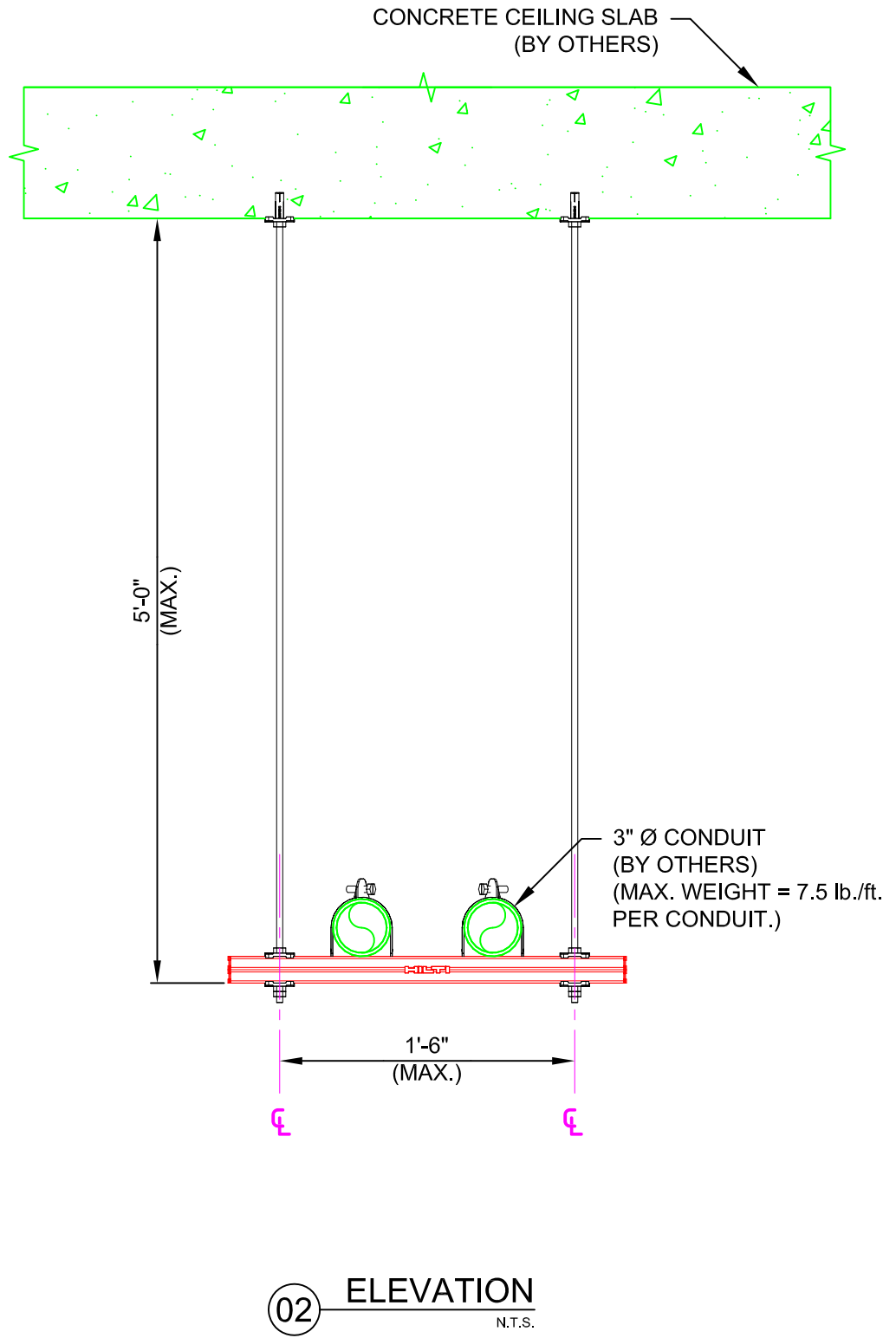
TYPICAL DETAIL NOMENCLATURE:
P-TR58-C

DRAWING NUMBER:
01

SHEET:
1/1



01 ISOMETRIC
N.T.S.



02 ELEVATION
N.T.S.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	STRUT HS-158-12/PG 10'	1	AS REQ'D	407555
2	AS REQ'D	EA	THREADED ROD 3/8"-6' ZINC	25	AS REQ'D	257964
3	6	EA	BASE PLATE MQZ-L3/8"	20	1	370632
4	8	EA	HEX NUT-HEAVY DUTY 3/8"	100	1	411752
5	2	EA	STRUT CLAMP SC 45-RIGID 3"	25	1	2008817
6	2	EA	DROP-IN ANCHOR HDI 3/8	50	1	336426
7	4	EA	CHANNEL END CAP MEK RED	50	1	244886

NOTE(S):

- PRELIMINARY NOT FOR CONSTRUCTION
- DESIGN ASSUMPTIONS:
 - DESIGN LOADS (STATIC, U.N.O.):
DL: 7.5 lbs./ft. PER CONDUIT (MAX. NUMBER OF CONDUITS = 2)
 - LATERAL LOADS NOT CONSIDERED
 - BUILDING CODE: NOT SPECIFIED
 - CORROSION RESISTANCE REQD.: NOT SPECIFIED
 - MAX. SUPPORT SPACING = 8'-0"
- ALL LOADS ASSUMED TO ACT AT CENTER OF PIPE(S), U.N.O.
- REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO.
- 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.