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TYPICAL DETAIL TYPE:

**ELECTRICAL &
INSTRUMENTATION
APPLICATION**

TYPICAL DETAIL DESCRIPTION:

BRACED PANEL STAND

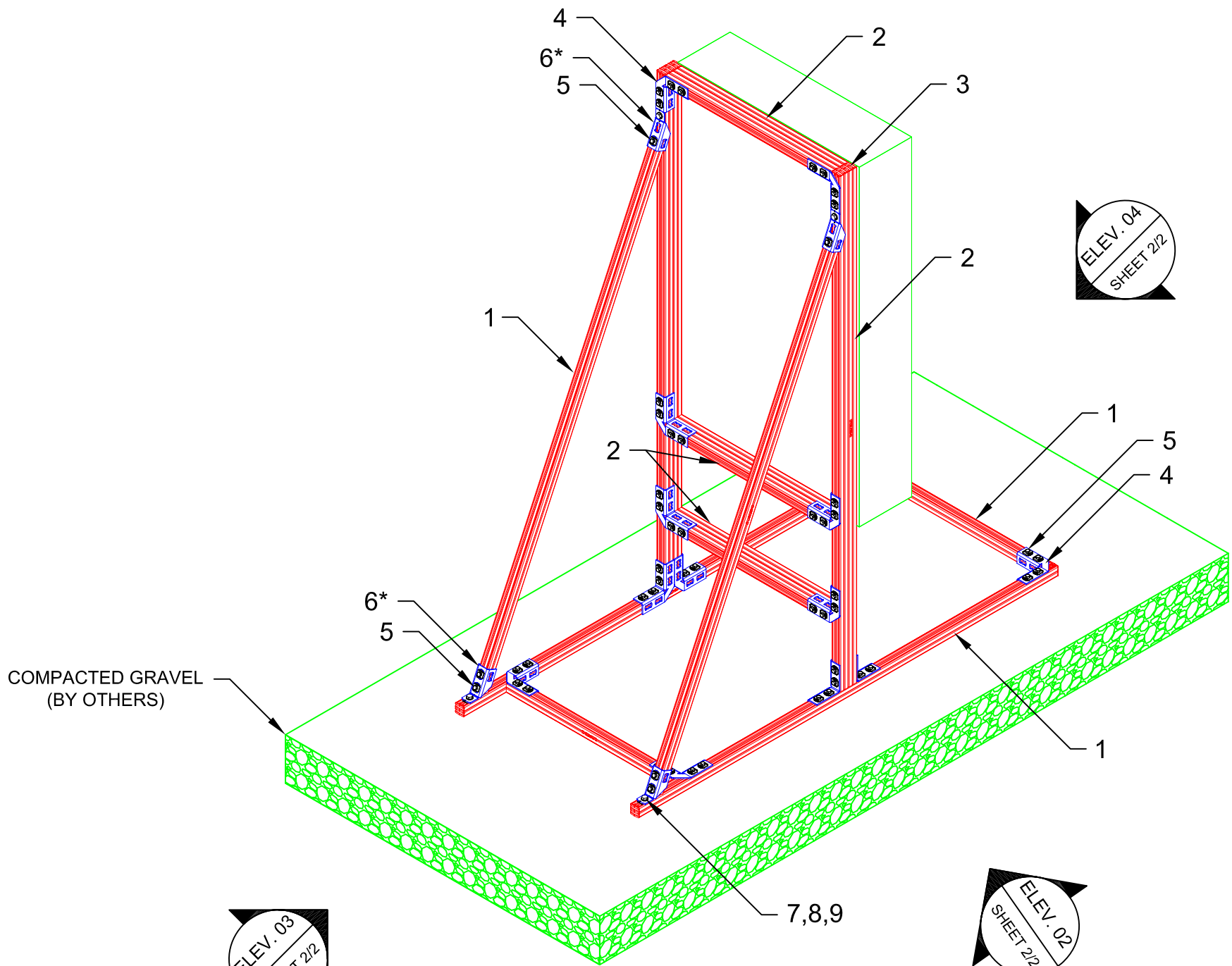
DESIGNED BY:	REVIEWED BY:
KL	AJV
DRAWN BY:	ISSUE DATE:
GAB	05 DEC 14

REVISIONS:		
NO:	DESCRIPTION:	DATE:
A	ORIGINAL ISSUE	05 DEC 14

TYPICAL DETAIL NOMENCLATURE:

EI-BPS54-NA

DRAWING NUMBER:	SHEET:
01	1/2



01 ISOMETRIC
N.T.S.

No.	Unit Qty	Unit	Description	Box Qty	# Boxes Needed	Item No.
1	AS REQ'D	EA	STRUT HS-158-12/HDG 10'	1	AS REQ'D	407570
2	AS REQ'D	EA	STRUT HS-158-12/HDG 10' B2B	1	AS REQ'D	2007087
3	16	EA	CHANNEL END CAP MEK RED	50	1	244886
4	14	EA	8-HOLE ANGLE MQW-8/90-F	10	2	304175
5	56	EA	CHANNEL CONNECTOR MQN-HDG PLUS	50	2	387779
6	4	EA	RAIL SUPPORT MQP-45-F	10	1	304164
7	4	EA	WING NUT MQM-F1/2"-F	25	1	304137
8	4	EA	HEX HEAD BOLT 1/2" x 1 1/4" - HDG	VARIABLES	VARIABLES	SPECIAL
9	4	EA	WASHER 1/2" - HDG	VARIABLES	VARIABLES	SPECIAL
10	4	EA	WING NUT MQM-F3/8"-F	25	1	304136
11	4	EA	HEX HEAD BOLT 3/8" x 1" - HDG	VARIABLES	VARIABLES	SPECIAL
12	4	EA	WASHER 3/8" - HDG	VARIABLES	VARIABLES	SPECIAL

- NOTE(S):**
1. PRELIMINARY NOT FOR CONSTRUCTION
 2. DESIGN ASSUMPTIONS:
 - a. DESIGN LOADS (STATIC, U.N.O.):
DL: 250 lbs.
 - b. LATERAL LOADS NOT CONSIDERED
 - c. CORROSION RESISTANCE REQD.: HDG
 3. REFER TO COMPONENT MANUFACTURER'S IFUs FOR REQUIRED INSTALLATION INFO.
 4. 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.
 5. * FIELD BEND ONCE TO ACHIEVE REQUIRED ANGLE.

\\hilti.com\US\TEAMS\installations\Projects\TYPICALS\LIBRARY\ELECTRICAL & INSTRUMENTATION (E&I)\CAD\EI-BPS54-NA.dwg, 12/23/2014 8:58:35 AM



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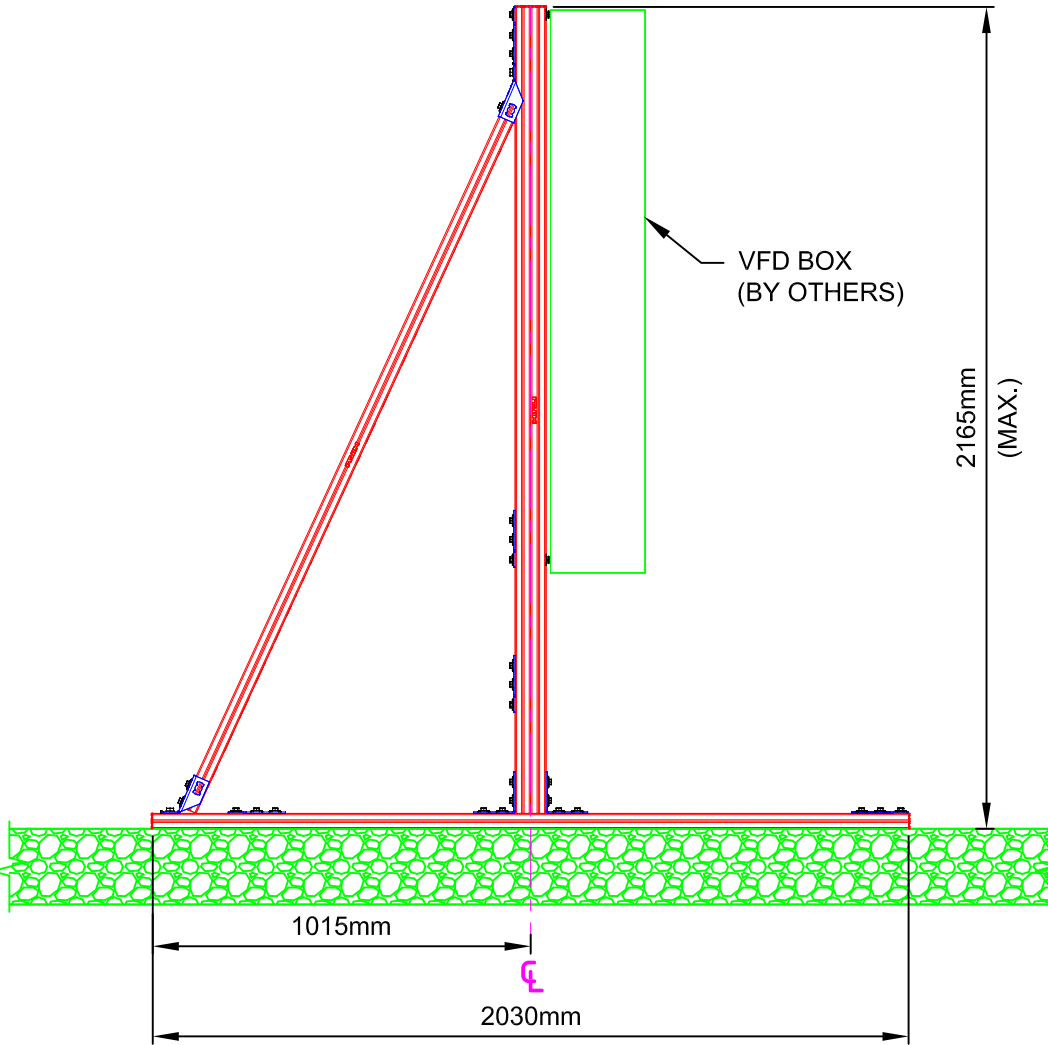
DESIGNED BY: KL	REVIEWED BY: AJV
DRAWN BY: GAB	ISSUE DATE: 05 DEC 14

REVISIONS:

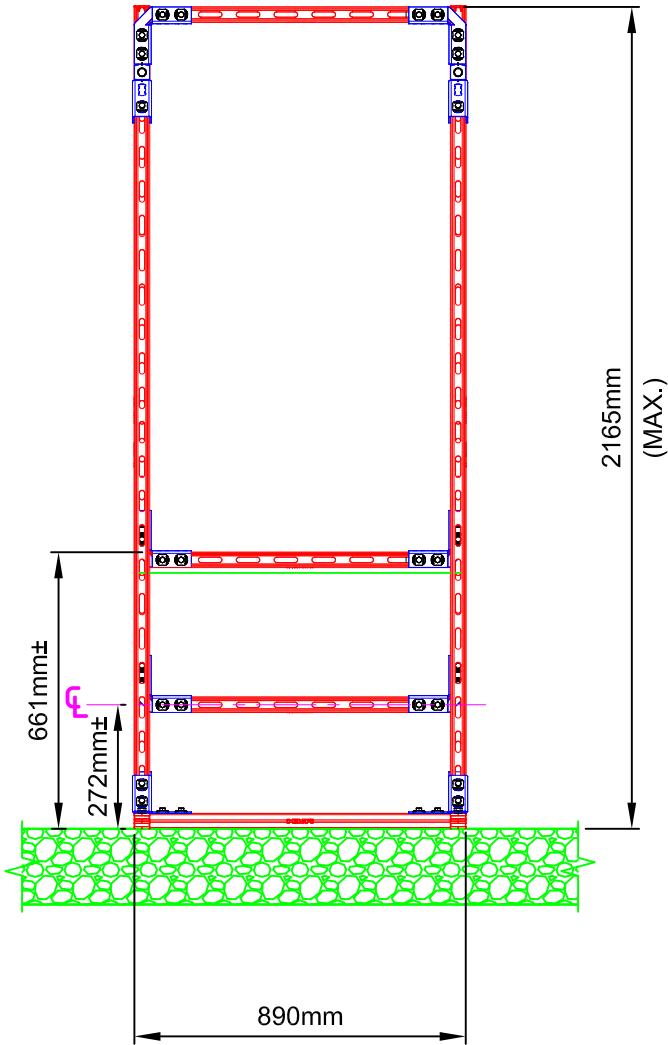
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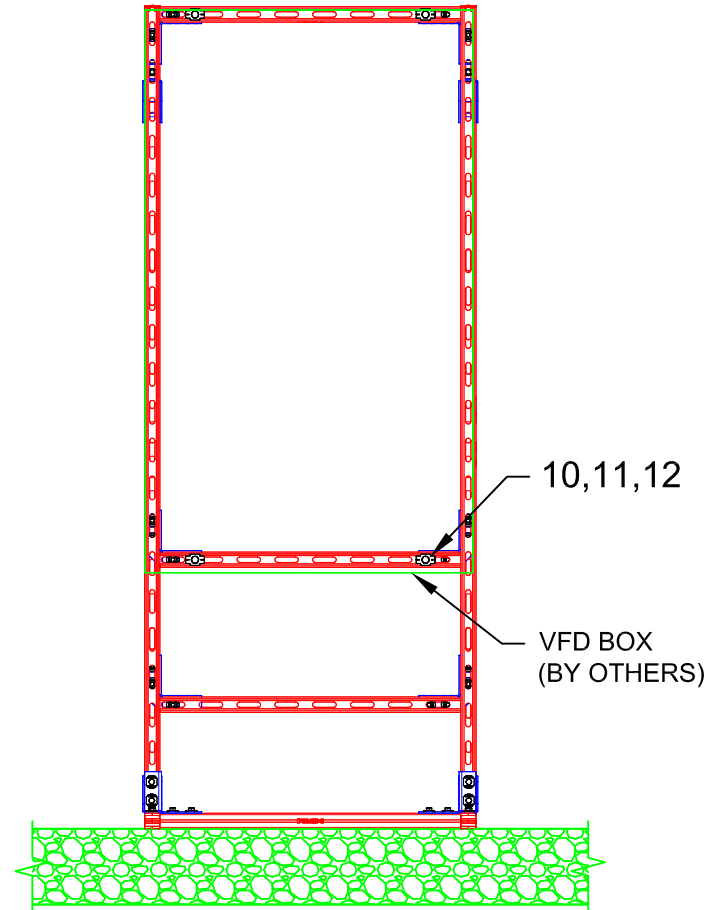
DRAWING NUMBER: 01	SHEET: 2/2
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02 ELEVATION
N.T.S.



03 ELEVATION
N.T.S.



04 ELEVATION
N.T.S.

NOTE(S):
1. REFER TO SHEET 1 FOR APPLICABLE NOTE(S).