

## NOTE(S):

A. THE TYPICAL ELECTRICAL AND INSTRUMENTATION (E&I) DETAIL REPRESENTS A COMMON CONFIGURATION FOR THIS APPLICATION. THE TYPICAL E&I SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON PANEL/INSTRUMENT LOADS, HILTI PUBLISHED DATA, DESIGN METHODOLOGY AND GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SUPPORT ENGINEERING SOFTWARE VERSION 1.3. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT TO DETERMINE ITS SUITABILITY FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS.

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D. ALL LOADS ASSUMED TO ACT AT THE 6" FROM FACE OF MT OFF THE HORIZONTAL SUPPORT BEAMS. THE EVALUATION OF A CENTER OF GRAVITY GREATER THAN 6" SHALL BE PREFORMED BY THE ENGINEER OF RECORD.

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F. PANEL/INSTRUMENT CONNECTION HARDWARE AND DESIGN MUST BE CHECKED SEPARATELY. WHEN MULTIPLE BOXES ARE ATTACHED TO THE SUPPORT, ALL BOXES SHALL NOT EXCEED MAX PANEL WEIGHT. BOXES MUST BE SYMMETRICALLY PLACED ON STAND.

G. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION. THREAD FORMING BOLT MAY BE INSTALLED USING A TORQUE WRENCH OR SI-AT-A22 PER INSTRUCTION FOR USE.

H. SEE BOM FOR KWIK BOLT-TZ2 ANCHOR BOLT. FOR 1/2" DIA. HILTI KWIK BOLT-TZ2 USE MIN. 3-1/4" EFFECTIVE EMBEDMENT. FOR 5/8" DIA. KWIK BOLT-TZ2 USE 3-1/4" MIN. EFFECTIVE EMBEDMENT. INSTALL ANCHOR PER ESR-4266 AND HILTI'S INSTRUCTIONS FOR USE AND RECOMMENDATIONS. MIN. CONCRETE COMPRESSIVE STRENGTH F'C=3000 PSI, MIN. CONCRETE EDGE DISTANCE = 6", AND MIN. CONCRETE THICKNESS = 6".

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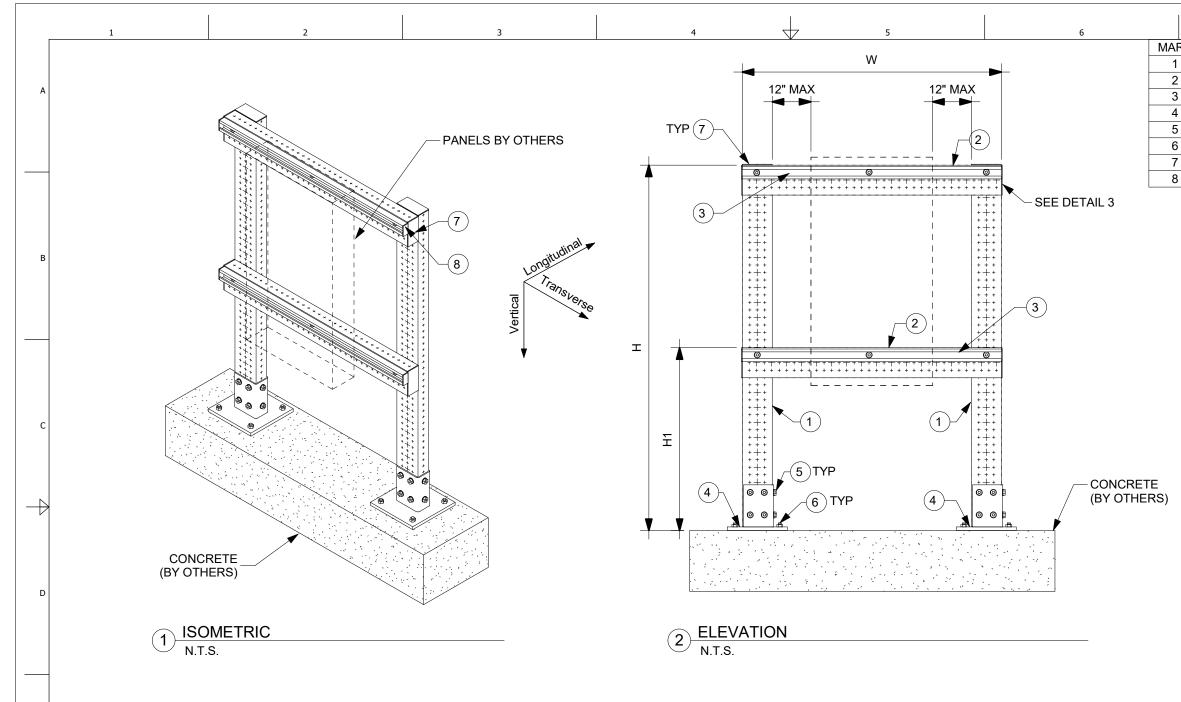
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PROJECT NAME:	

	PANE	L ST	AND	MT
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PROJECT DESCRIPTION:

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PANEL S	TAND	MT
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;		2268500	MT-30 OC		2	A
		2272101	MT-B-GS O4U OC	;	2	
)		2272084	MT-TFB OC		42	
;		2210261	ANCHOR KB-TZ2	1/2" x 4-1/2" SS304	8	
,		2273698	MT-EC-80		6	
;		2273642	MT-EC-30		4	
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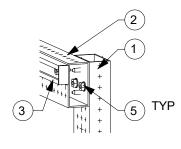




	TABLE A	
	Max W, in	48
	Max H, in	78
	Max H1, in	42
	Max Panel Weight	400
ALLOWABLE LOADS, lbs	Transverse	120
20700, 103	Longitudinal	120

