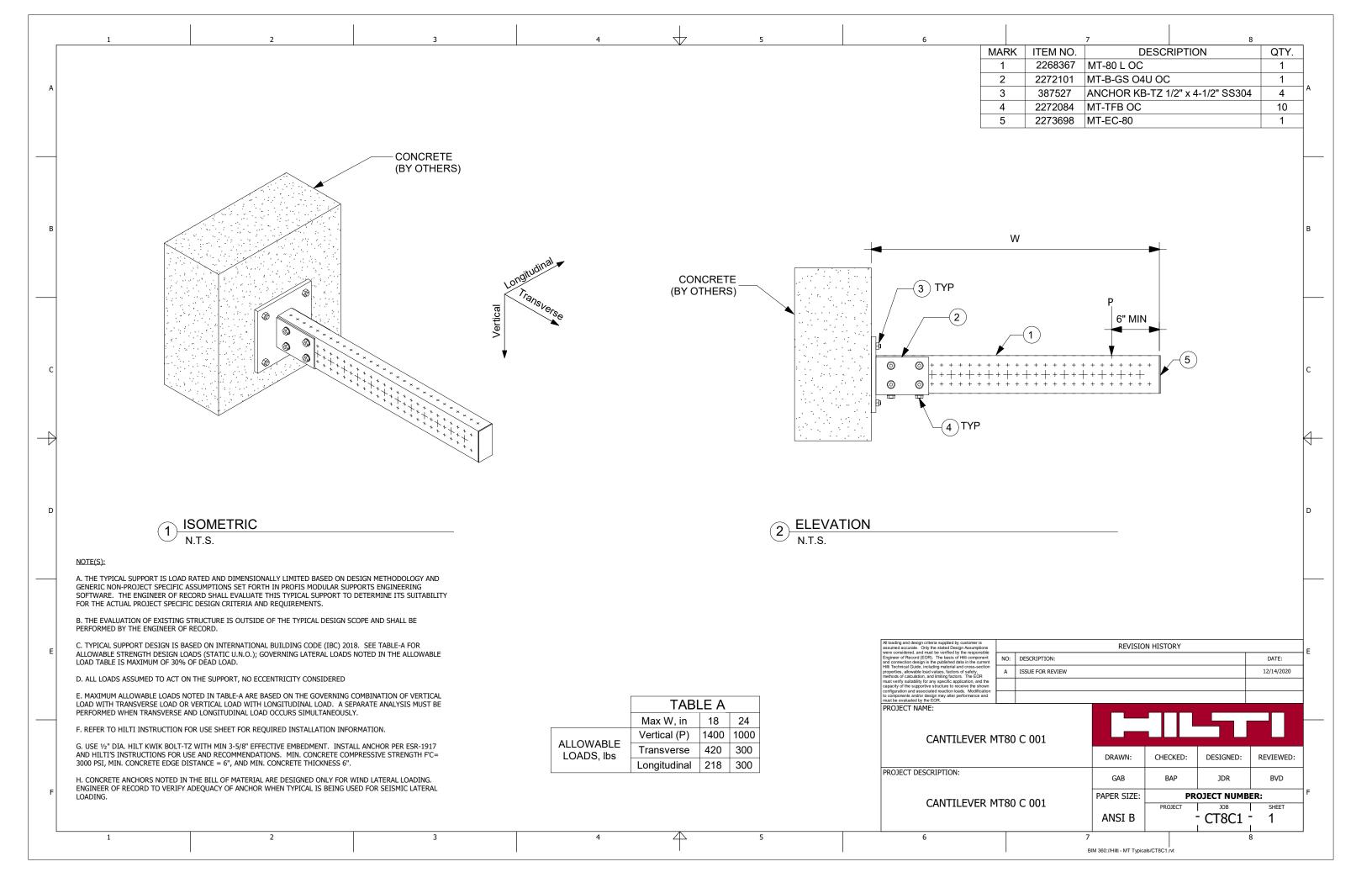
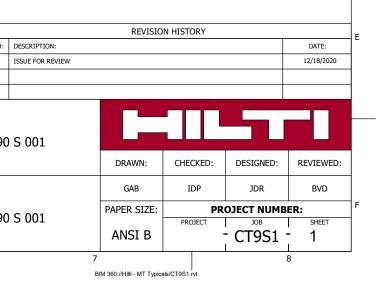


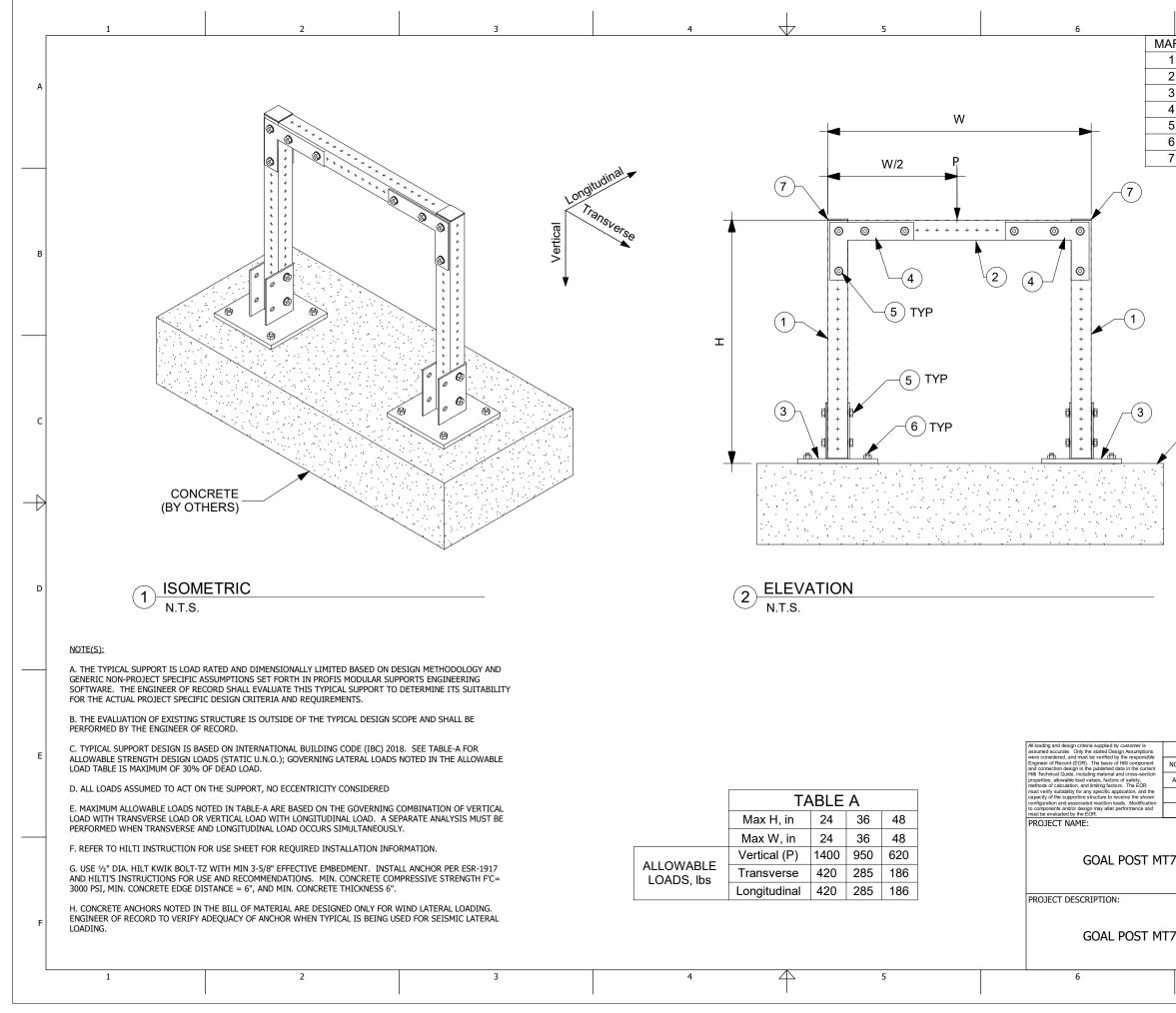
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B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE EVALUATION OF EXISTING STRUCTURE IS ABSED ON INTERNATIONAL BULDING CODE (IBC) 2018. SEE TABLE-A FOR ALLOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. Image: mail of the type of the t	SOFTWARE. THE ENGINEER C	OF RECORD SHALL EVALUATE THIS TYPICAL SUPPOR	RT TO DETERMINE ITS SUITABILITY					assumed accurate. Only the stated Design Assumptions	REVIS	ION HISTORY	
C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2018. SEE TABLE-A FOR ALLOWABLE STRENGTH DESIGN LOADS (STATIC U. N.O.); GOVERNING LATERAL LOADS NOTED IN THE ALLOWABLE LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD. D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE.SA ARE BASED ON THE GOVERNING COMBINATION OF VENTICAL LOAD VIENT TRANSVERSE LOAD OR VENTICAL LOAD WITH LONGTUDINAL LOAD CCURS SIMULTANEOUSY. F. REFER TO HILLI INSTRUCTION FOR USES SIMULTANEOUSY. F. REFER TO HILLI INSTRUCTION FOR USES SHALL DADS AND FOR USES BUT MAY BE INSTALLED SING A TORQUE WRENCH OR SI-AT-22 PER INSTRUCTION FOR USES. G. X-BT REQUIREMENT: MIN. STELE BASE MATERIAL THICKNESS SHALL BE 5/16". MIN EDGE DISTANCE SHALL BE 38". MIN YIELD STRENGTH OF STELE SHALL BE FY=36KSI.			IGN SCOPE AND SHALL BE					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			DATE:
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LUAD TABLE IS MAXIMUM OF 34% OF DEAD LUAD. IABLE AR IABLE IS MAXIMUM OF 34% OF DEAD LUAD. PROJECT NAME: Max W, in 18 24 D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. Max W, in 18 24 LOAD WITH TRANSVERSE LOAD ON OTED IN TABLE-A RE BASED ON THE GOVERNING COMBINITION OF VERTICAL LOAD WITH LONGITUDINAL LOAD. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY. Image: CANTILEVER MT70 S 001 Image: CANTILEVER MT70 S 001 F. 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. Image: CANTILEVER MT70 S 001 Image: CANTILEVER MT70 S 001 G. X-BT REQUIREMENT: MIN. STEEL BASE MATERIAL THICKNESS SHALL BE 5/16". MIN EDGE DISTANCE SHALL BE 5/16". M	ALLOWABLE STRENGTH DESIG	IN LOADS (STATIC U.N.O.); GOVERNING LATERAL L	C) 2018. SEE TABLE-A FOR OADS NOTED IN THE ALLOWABLE					configuration and associated reaction loads. Modification to components and/or design may alter performance and must be evaluated by the EOR.			
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ANSI B - CT7S1 - 1	F. REFER TO HILTI INSTRUCTI	NG A TURQUE WRENCH OR SI-AT-AZZ PER INSTRUC							PAPER SIZE	PROJECT NUMBE	ER:
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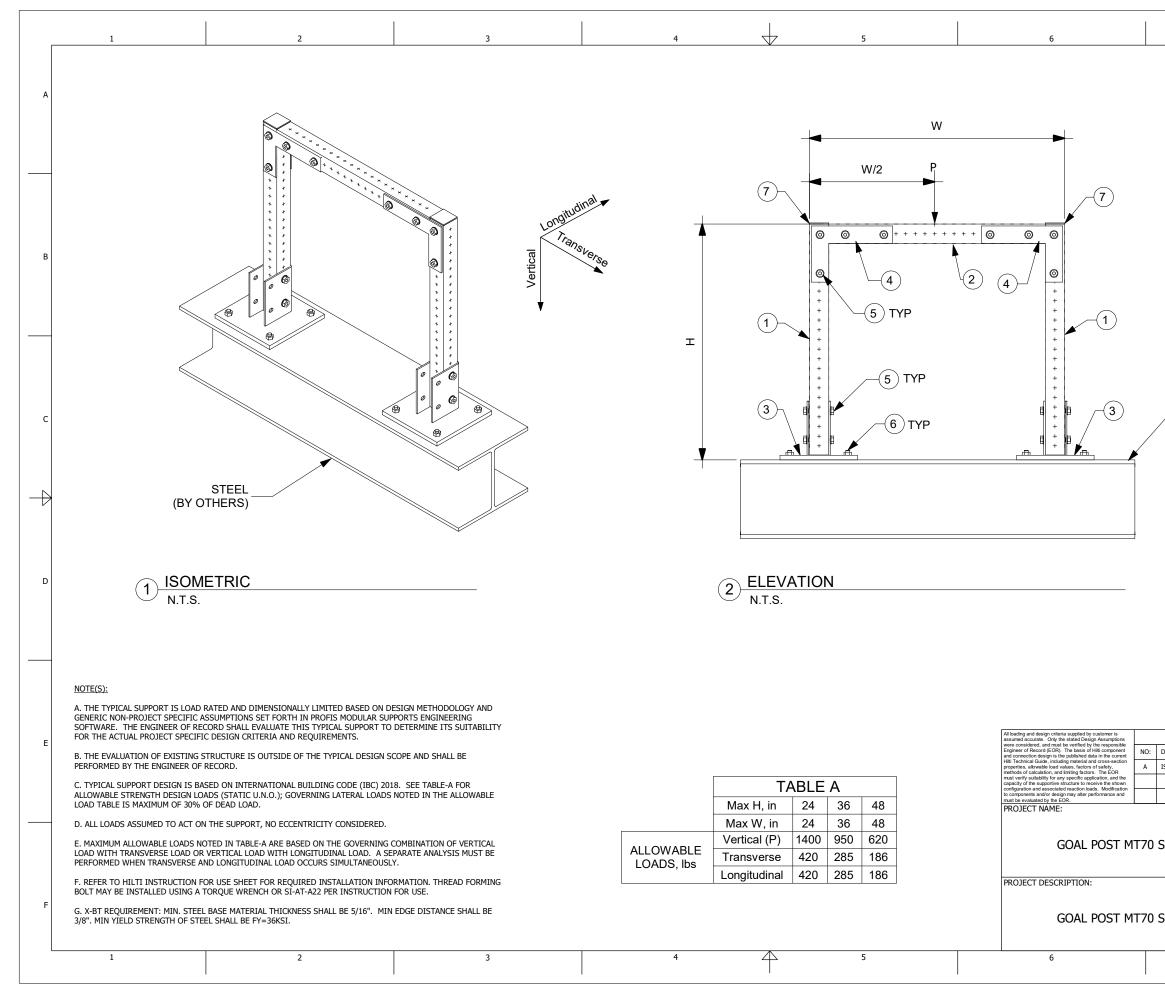
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А							MARK 1 2 3 4 5	ITEM NO. 2268369 VARIES 2272084 387398 2273699	DESCRIPTION MT-90 OC MT-B-GXL S+ OC (SEE TABLI MT-TFB OC MI-SGC M16 MT-EC-90	QTY. 1 E) 1 18 4 1 1
В	STEEL (BY OTHERS)	Vertical Vertical	STE (BY OTHER	EL {S)	W				MT-B-GXL S+ OC*'B' WidthItem No.12.9 to 6.5227210626.5 to 9.2227210739.2 to 11.82272108	В
c					-(1) -(2)) TYP YP					c
D	1 ISOMETRIC N.T.S.		2	ELEVATION N.T.S.						D
E	<u>NOTE(S):</u> A. THE TYPICAL SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SU SOFTWARE. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT T FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS. B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN PERFORMED BY THE ENGINEER OF RECORD.	UPPORTS ENGINEERING O DETERMINE ITS SUITABILITY				Al 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 Hill component and connection design is the published data in the current Hill Technical Guide, including material and cross-action properties, allowable had values, factors of stafe you must verify suitability for any specific application, and the capacity of the supportive structure to receive the shown configuration and associated reaction back. Modification to components and/or design my alter parformance and	A ISSUE FOR R		REVISION HISTORY	DATE: 12/18/2020
F	 C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2 ALLOWABLE STRENGTH DESIGN LOADS (STATIC U.N.O.); GOVERNING LATERAL LOAD LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD. D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING LOAD WITH TRANSVERSE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING LOAD WITH TRANSVERSE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUS F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INF BOLT MAY BE INSTALLED USING A TORQUE WRENCH OR SI-AT-A22 PER INSTRUCTION 	IS NOTED IN THE ALLOWABLE G COMBINATION OF VERTICAL SEPARATE ANALYSIS MUST BE SLY. FORMATION. THREAD FORMING	ALLOWABLE LOADS, lbs	Max W, in364Vertical (P)11008Transverse3302Longitudinal3302	40	PROJECT NAME: PROJECT DESCRIPTION: CANTILEVER CANTILEVER		PA	DRAWN: CHECKED: DESIGNED: GAB IDP JDR PER SIZE: PROJECT NUMB PROJECT JOB	REVIEWED: BVD ER: SHEET
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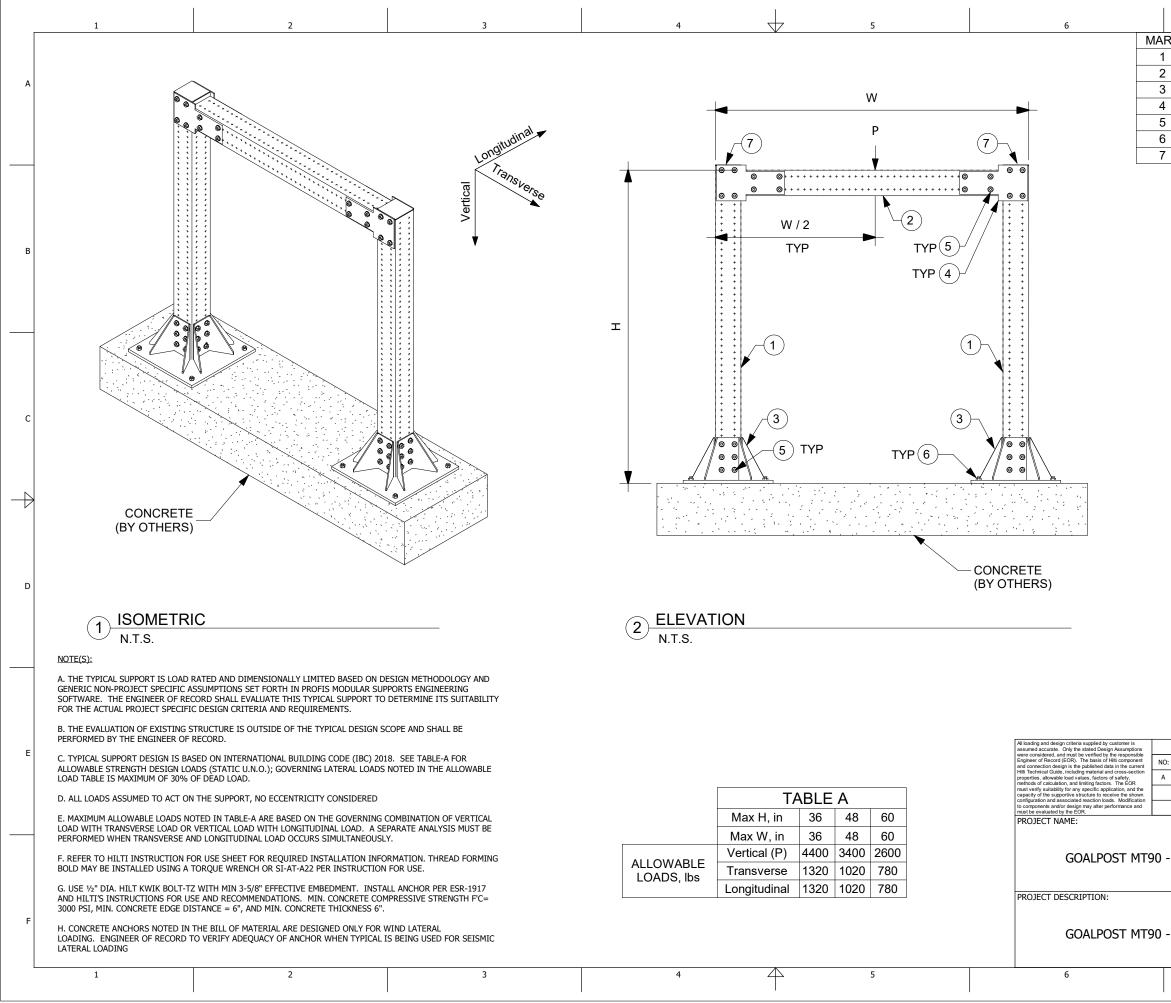
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А							2	2272104 2272084	MT-B-GXL-O4 OC MT-TFB OC	1 30
							4	387530	ANCHOR KB-TZ 5/8" X 4	
							5		MT-EC-100	1
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	SOFTWARE. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT TO FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS.	DETERMINE ITS SUITABILITY								
	B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN S	COPE AND SHALL BE								
E	PERFORMED BY THE ENGINEER OF RECORD. C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 20:					All loading and design criteria assumed accurate. Only the were considered, and must b Engineer of Record (EOR).	stated Design Assumptions e verified by the responsible		REVISION HISTORY	E
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						methods of calculation, and li must verify suitability for any capacity of the supportive str	miting factors. The EOR specific application, and the ucture to receive the shown	SOUL FOR REVIEW		12/10/2020
	D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDEREDE. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING			TABLE A		configuration and associated to components and/or design must be evaluated by the EO				
	E. MAAIMON ALLOWABLE LOADS NOTED IN TABLE-A ARE DASED ON THE GOVERNING LOAD WITH TRANSVERSE LOAD OR VERTICAL LOAD WITH LONGITUDINAL LOAD. A SE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSL	EPARATE ANALYSIS MUST BE		Max W, in 36	48	PROJECT NAME:				
	F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFO			Vertical (P) 2700		CANT	ILEVER - MT100	- C - 001		
	BOLT MAY BE INSTALLED USING A TORQUE WRENCH OR SI-AT-A22 PER INSTALLATION INC	FOR USE.	ALLOWABLE LOADS, lbs	Transverse 810	570			C - 001	DRAWN: CHECKED:	DESIGNED: REVIEWED:
	G. USE 1/2" DIA. HILT KWIK BOLT-TZ WITH MIN 3-5/8" EFFECTIVE EMBEDMENT. INSTA AND HILTI'S INSTRUCTIONS FOR USE AND RECOMMENDATIONS. MIN. CONCRETE COM	MPRESSIVE STRENGTH F'C=		Longitudinal 810	570	PROJECT DESCRI	PTION:		GAB IDP	JDR BVD
	3000 PSI, MIN. CONCRETE EDGE DISTANCE = 6", AND MIN. CONCRETE THICKNESS 6".									JECT NUMBER:
F	H. CONCRETE ANCHORS NOTED IN THE BILL OF MATERIAL ARE DESIGNED ONLY FOR					CAN	TILEVER - MT100-	C - 001	PROJECT	JOB SHEET
F	LOADING. ENGINEER OF RECORD TO VERIFY ADEQUACY OF ANCHOR WHEN TYPICAL					1				CT1C1 - 4
F	LOADING. ENGINEER OF RECORD TO VERIFY ADEQUACY OF ANCHOR WHEN TYPICAL LATERAL LOADING								ANSI B -	CT1C1 - 1
F		3	4	4	5	6			7 BIM 360://Hilli - MT Typicals/CT9C1.rvt	



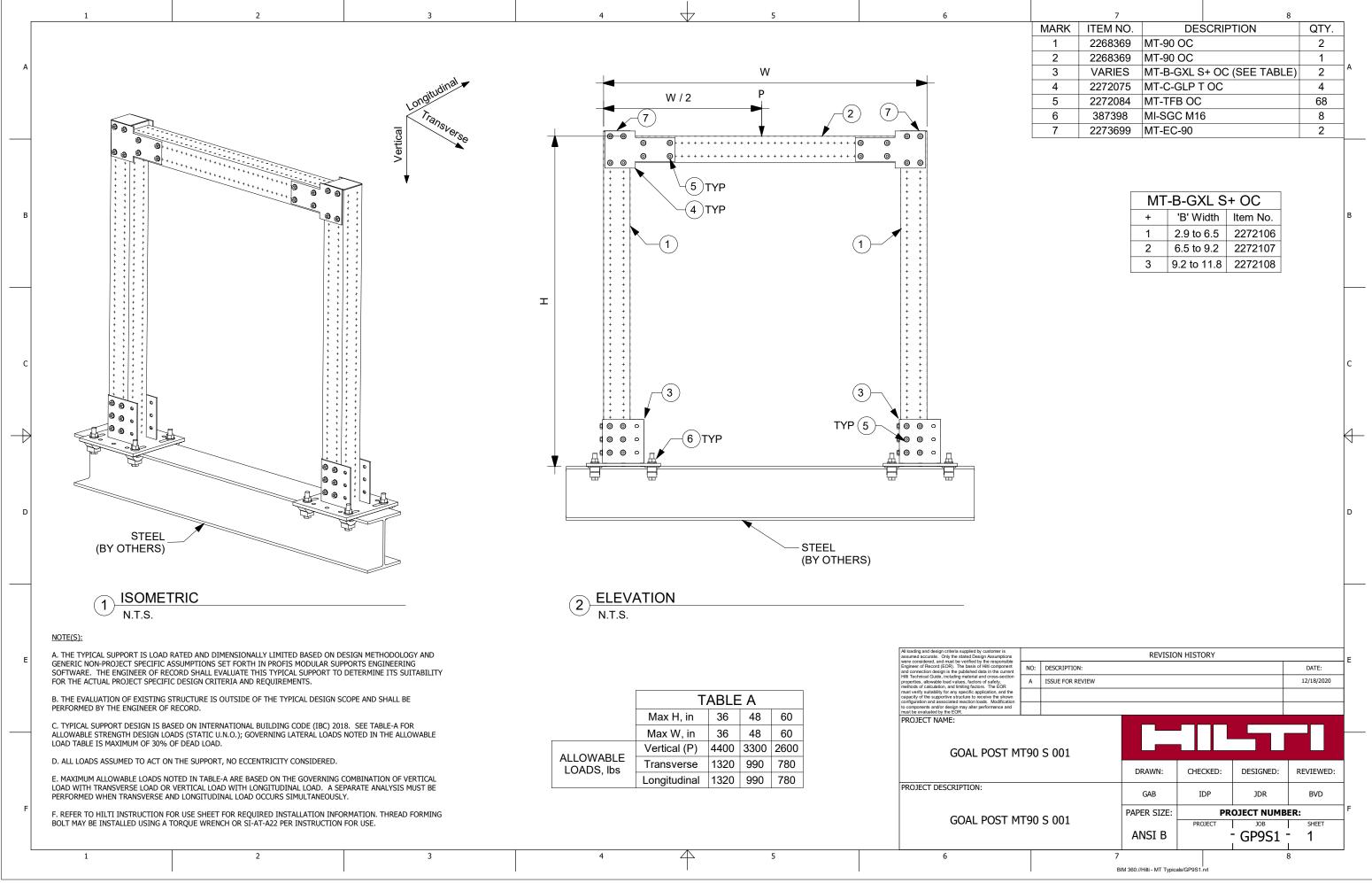
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2		MT-70 L OC			1	-
3		MT-B-GS 04			2	A
4		MT-C-GSP L			4	-
5		MT-TFB OC			28	
6		ANCHOR KE	3-TZ 1/2" x 4	1-1/2" SS304		
7		MT-EC-70			2	
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	2268365	MT-70 L O		1	-
3	2200303	MT-B-GS C		2	A
4	2272073	MT-C-GSP		4	-
5	2272084	MT-TFB O		28	
6	2194341	X-BT-MR V	V10/15 SN 8		
7	2273697	MT-EC-70		2	
STEEL (BY OTHE	RS)				в С
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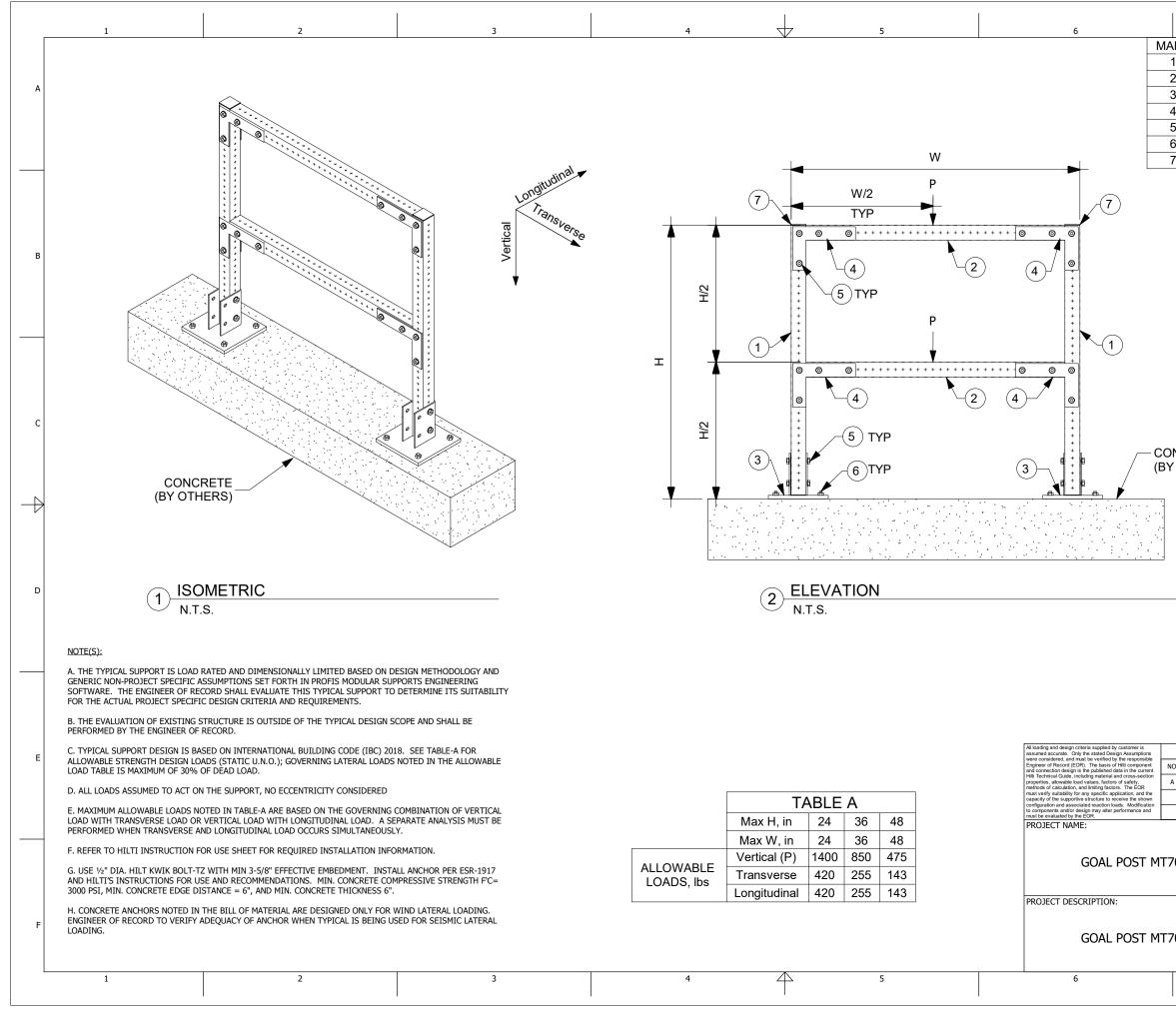


ARK ITEM NO. DESCRIPTION	QTY.
1 2268369 MT-90 OC	2
2 2268369 MT-90 OC	1
3 2272103 MT-B-GL-O4 OC	2 A
4 2272075 MT-C-GLP T OC	4
5 2272084 MT-TFB OC	80
6 387530 ANCHOR KB-TZ 5/8" X 4-3/4" SS304	8
7 2273699 MT-EC-90	2
	B
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	D
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ANSI B - GP9C1 - 1	
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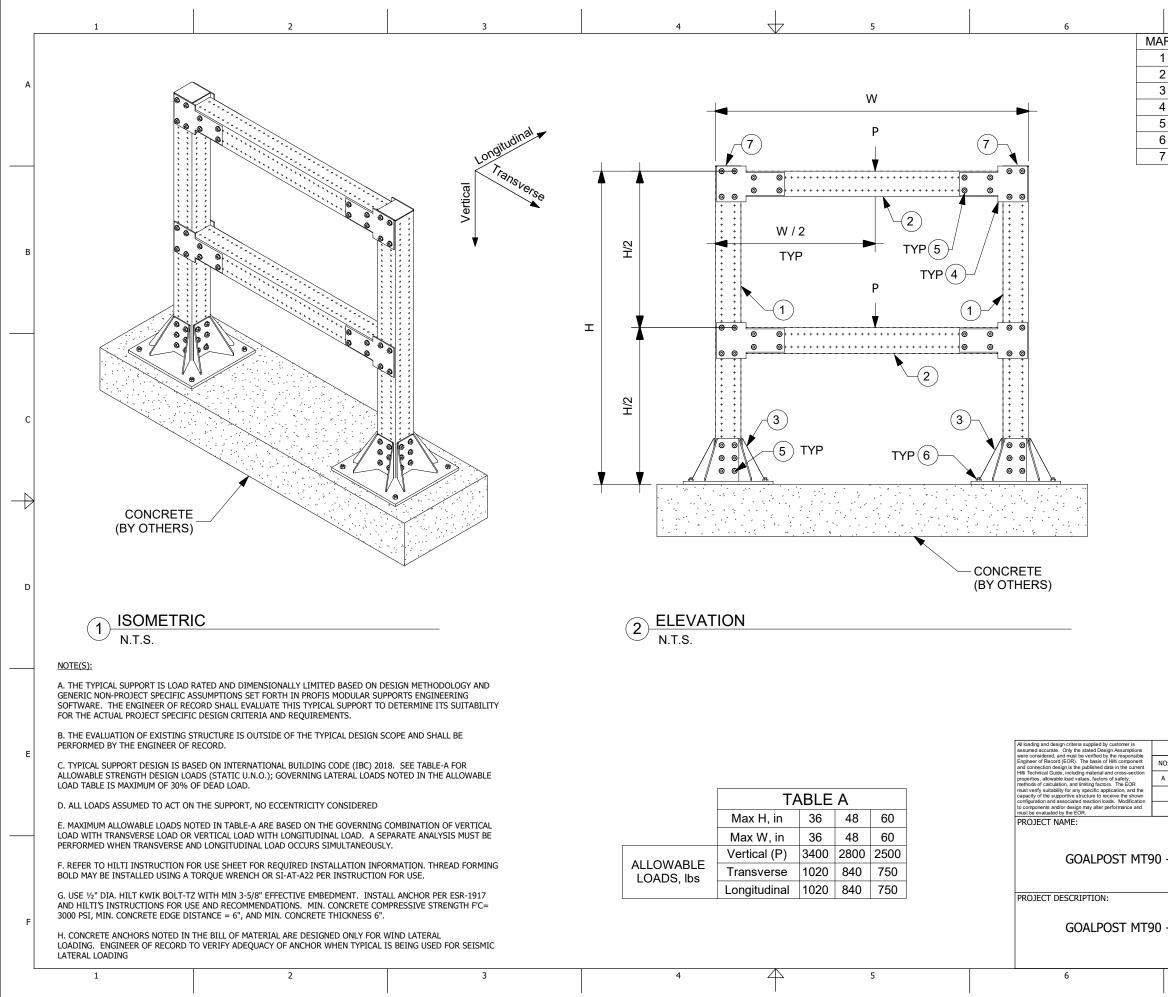


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1	2268369	MT-90 OC	MT-90 OC		
2	2268369	MT-90 OC	1]	
3	VARIES	MT-B-GXL S	2	A	
4	2272075	MT-C-GLP T	MT-C-GLP T OC		
5	2272084	MT-TFB OC	68		
6	387398	MI-SGC M16	8		
7	2273699	MT-EC-90		2	

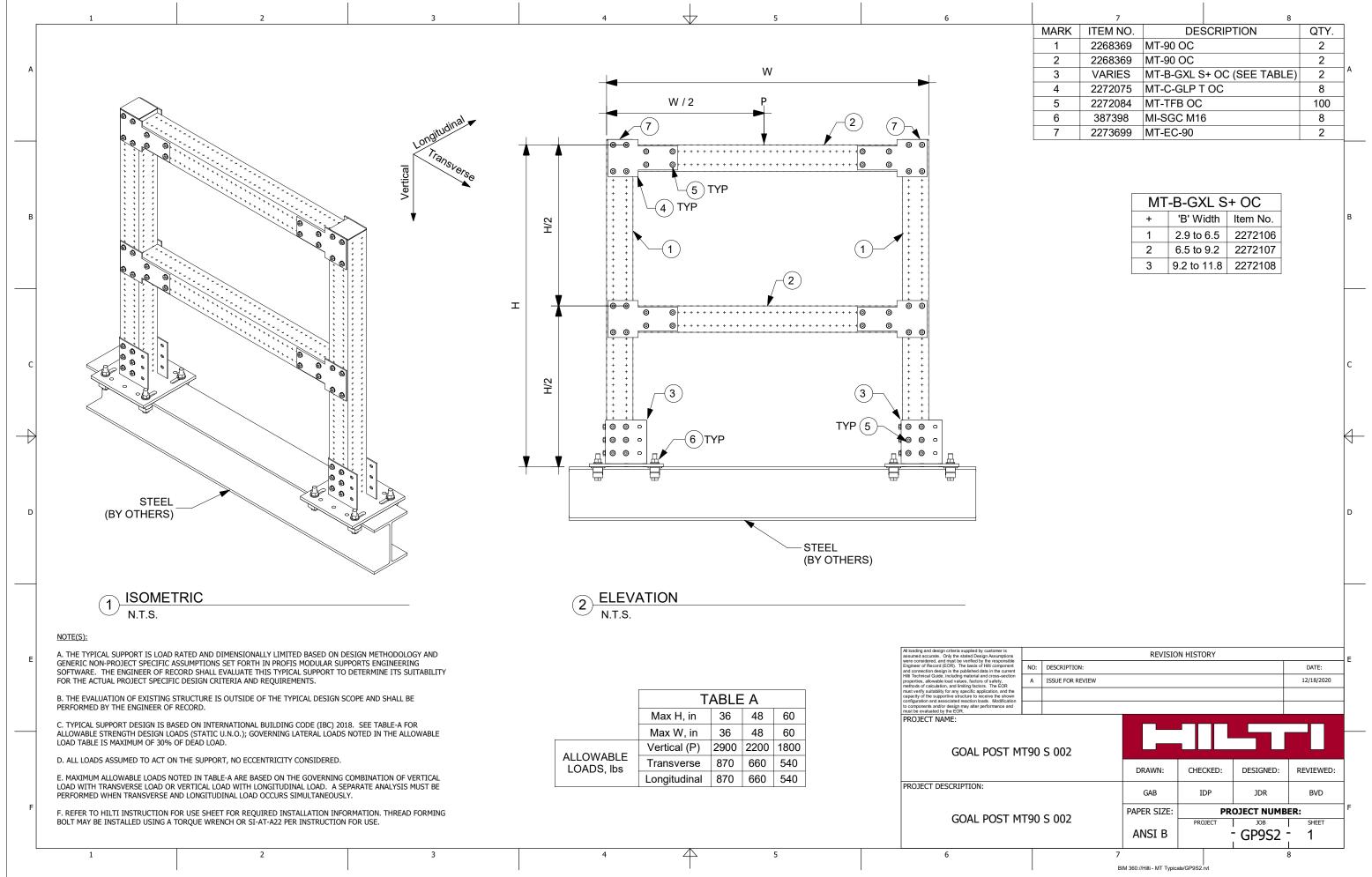
MT-B-GXL S+ OC					
+	'B' Width Item No.				
1	2.9 to 6.5	2272106			
2	6.5 to 9.2	2272107			
3	9.2 to 11.8	2272108			



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ARK	ITEM NO.	C	DESCRIPTI		QTY.	ן ו
1		MT-70 L OC		-	2	
2	2268365	MT-70 L OC	;		2	1.
3		MT-B-GS O4			2	A
4		MT-C-GSP I			8	
5		MT-TFB OC		4.4/01 0.000	44	
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1	2213091	WIT-EC-70			2	┼── │
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	7 B	IM 360://Hilti - MT Typica	als/GP7C2.rvt		8	-

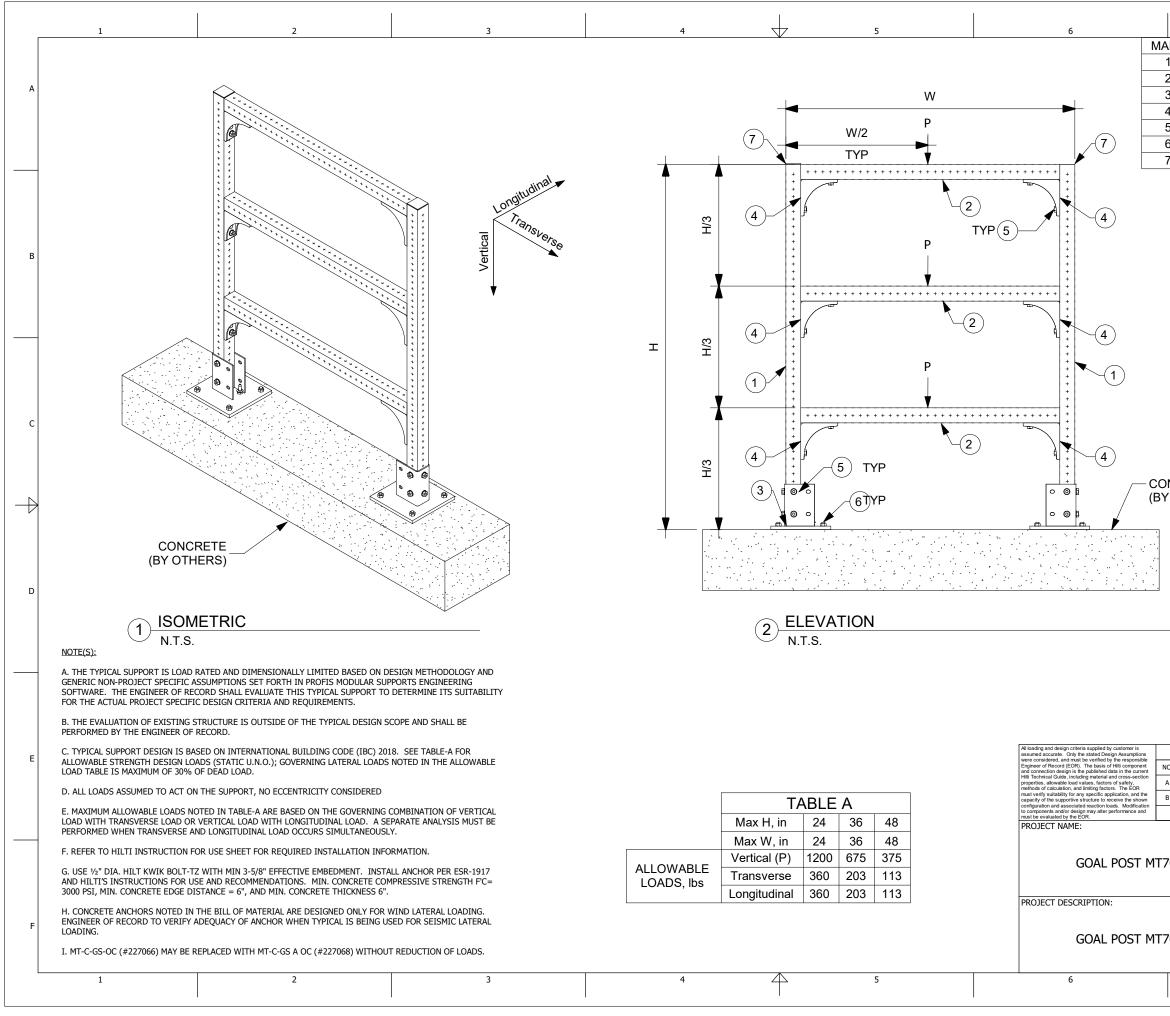


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١R			ESCRIPTIC		QTY.	1
1		MT-90 OC			2	
2		MT-90 OC			2	
3		MT-B-GL-O4			2	A
4		MT-C-GLP T	00		8	
5		MT-TFB OC		4 0/4# 0000	112	-
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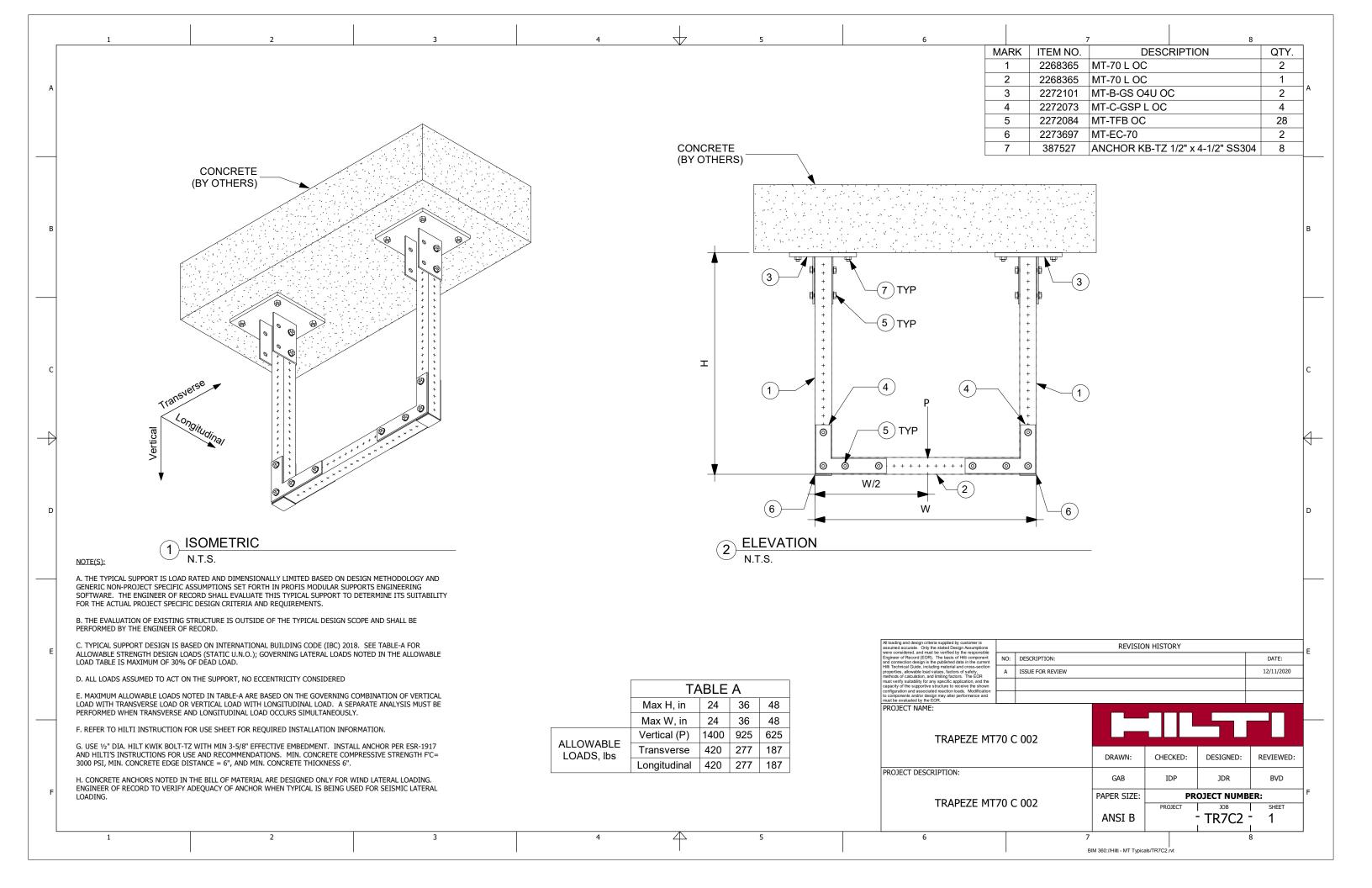


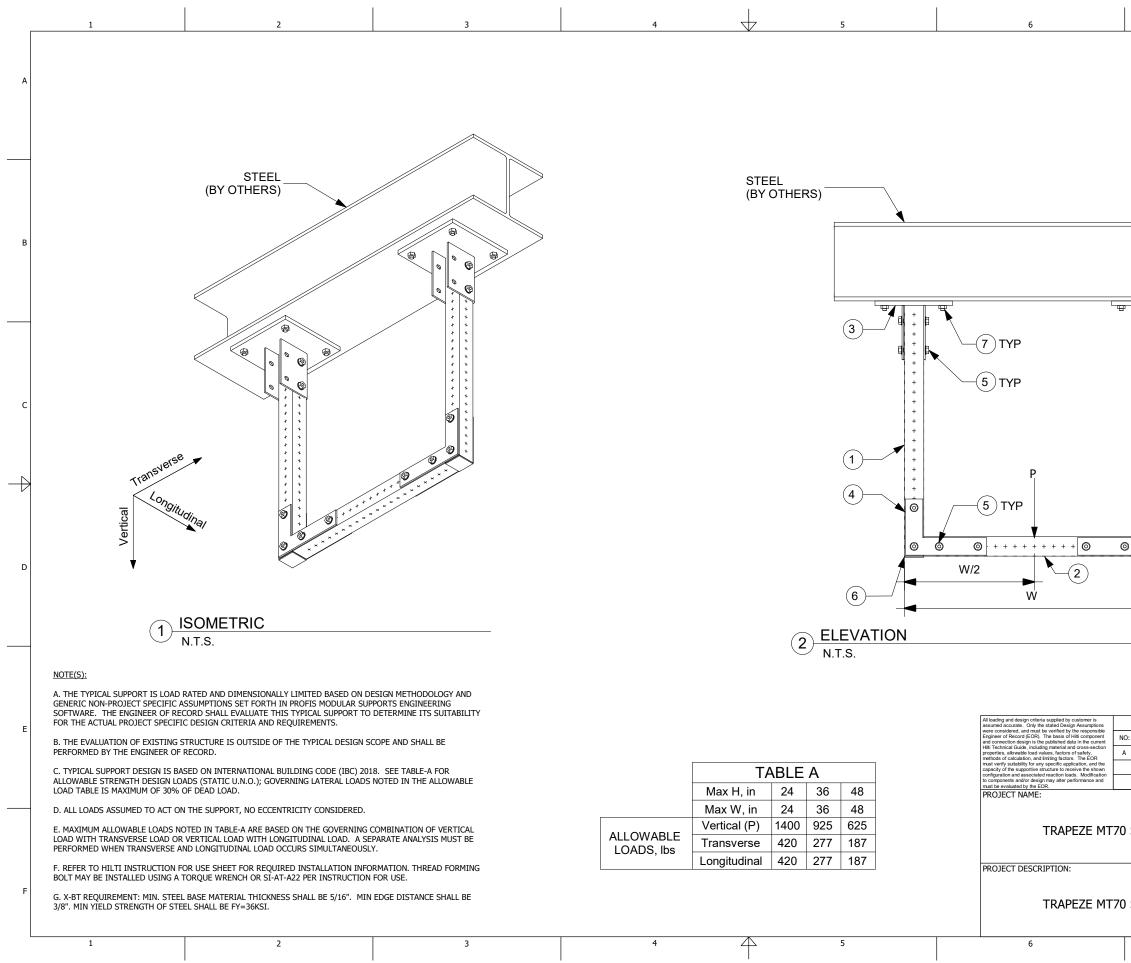
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1	2268369	MT-90 OC		2	
2	2268369	MT-90 OC	2	1	
3	VARIES	MT-B-GXL S	2	A	
4	2272075	MT-C-GLP T	MT-C-GLP T OC		
5	2272084	MT-TFB OC	100]	
6	387398	MI-SGC M16	8]	
7	2273699	MT-EC-90		2]

MT-B-GXL S+ OC					
+	'B' Width Item No.				
1	2.9 to 6.5	2272106			
2	6.5 to 9.2	2272107			
3	9.2 to 11.8	2272108			



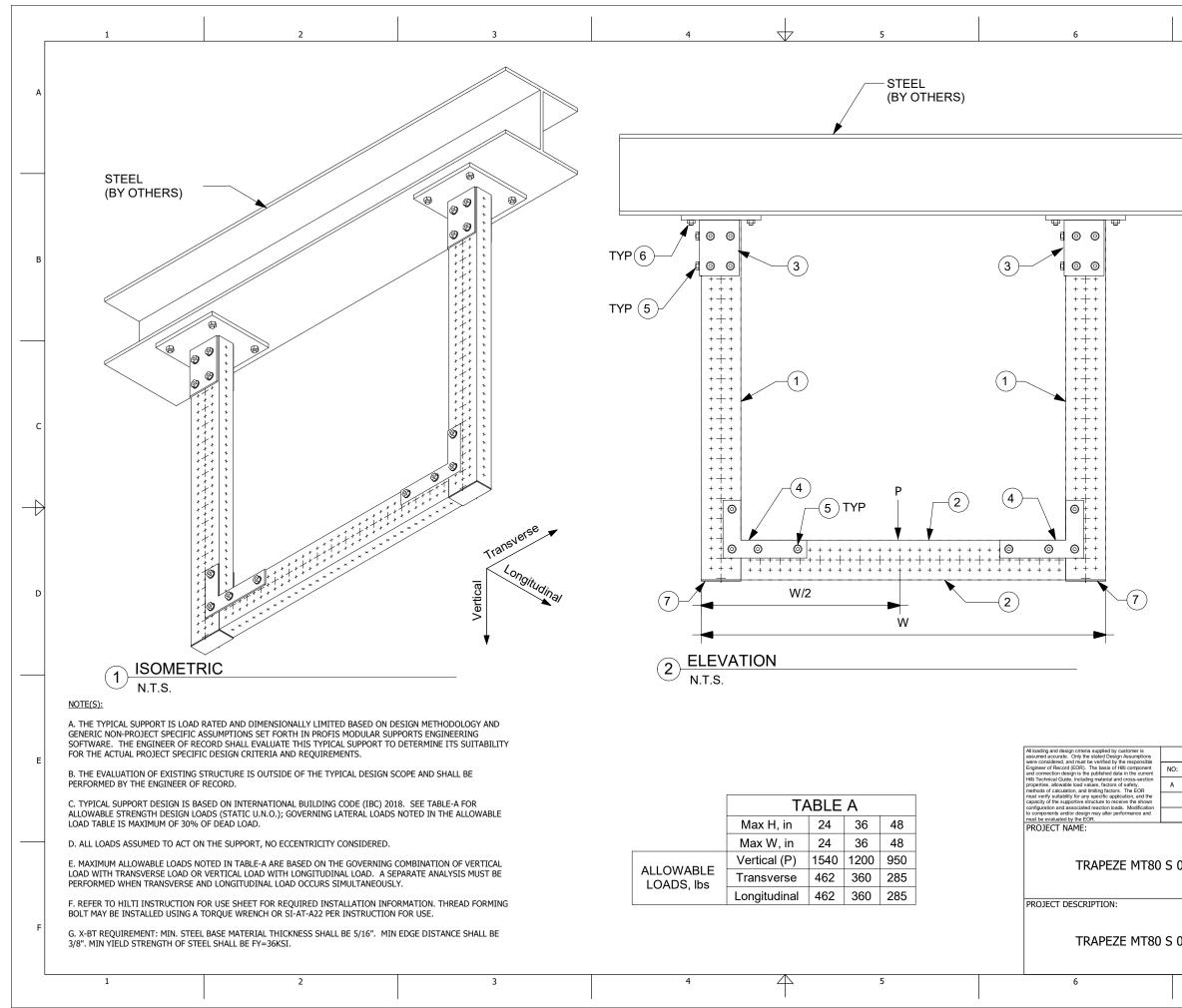
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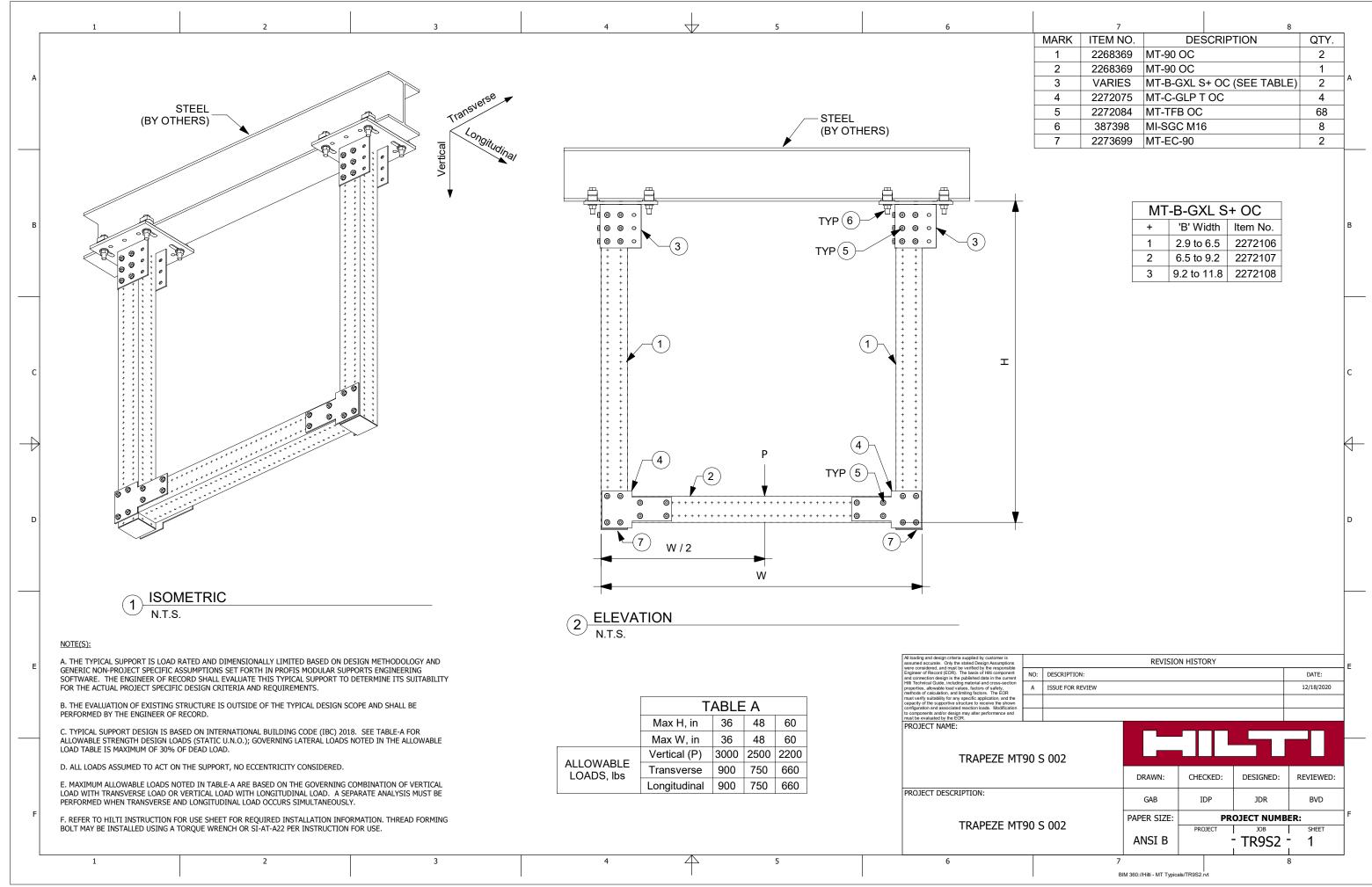


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	4	2272073	MT-C-GSP	LOC	4	
	5	2272084	MT-TFB O	C	28	
	6	2273697	MT-EC-70		2	
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	NOTE(S): A. THE TYPICAL SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON DESIGN METHODOLOGY AND	
	GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SUPPORTS ENGINEERING SOFTWARE. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT TO DETERMINE ITS SUITABILITY FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS.	
	B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE ENGINEER OF RECORD.	
E	C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2018. SEE TABLE-A FOR ALLOWABLE STRENGTH DESIGN LOADS (STATIC U.N.O.); GOVERNING LATERAL LOADS NOTED IN THE ALLOWABLE LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD.	Al 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 Hill component and complexity in the current and complexity of the current and complexity of the current and complexity. REVISION HISTORY NO: DESCRIPTION: DATE:
	D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED	Hill Technical Guide, including including including interfail and cross-section properties, allowable loads alsoft, methods of calculation, and limiting factors. The EOR must verify studiability for any specific application, and the capacity of the supportive structure to receive the shown on onfigurated reaction back. Modification A ISSUE FOR REVIEW 12/14/2020
	E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING COMBINATION OF VERTICAL LOAD WITH TRANSVERSE LOAD OR VERTICAL LOAD WITH LONGITUDINAL LOAD. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.	Max H, in 24 36 48
	F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION. G. USE ½" DIA. HILT KWIK BOLT-TZ WITH MIN 3-5/8" EFFECTIVE EMBEDMENT. INSTALL ANCHOR PER ESR-1917	Max W, in 24 36 48 Vertical (P) 2300 1600 950 Trapeze MT80 C 001 Trapeze MT80 C 001
	AND HILTY'S INSTRUCTIONS FOR USE AND RECOMMENDATIONS. MIN. CONCRETE COMPRESSIVE STRENGTH F'C= 3000 PSI, MIN. CONCRETE EDGE DISTANCE = 6", AND MIN. CONCRETE THICKNESS 6".	LOADS, lbs Transverse 690 480 285 Longitudinal 690 480 285
F	H. CONCRETE ANCHORS NOTED IN THE BILL OF MATERIAL ARE DESIGNED ONLY FOR WIND LATERAL LOADING. ENGINEER OF RECORD TO VERIFY ADEQUACY OF ANCHOR WHEN TYPICAL IS BEING USED FOR SEISMIC LATERAL LOADING.	GAB IDP JDR BVD
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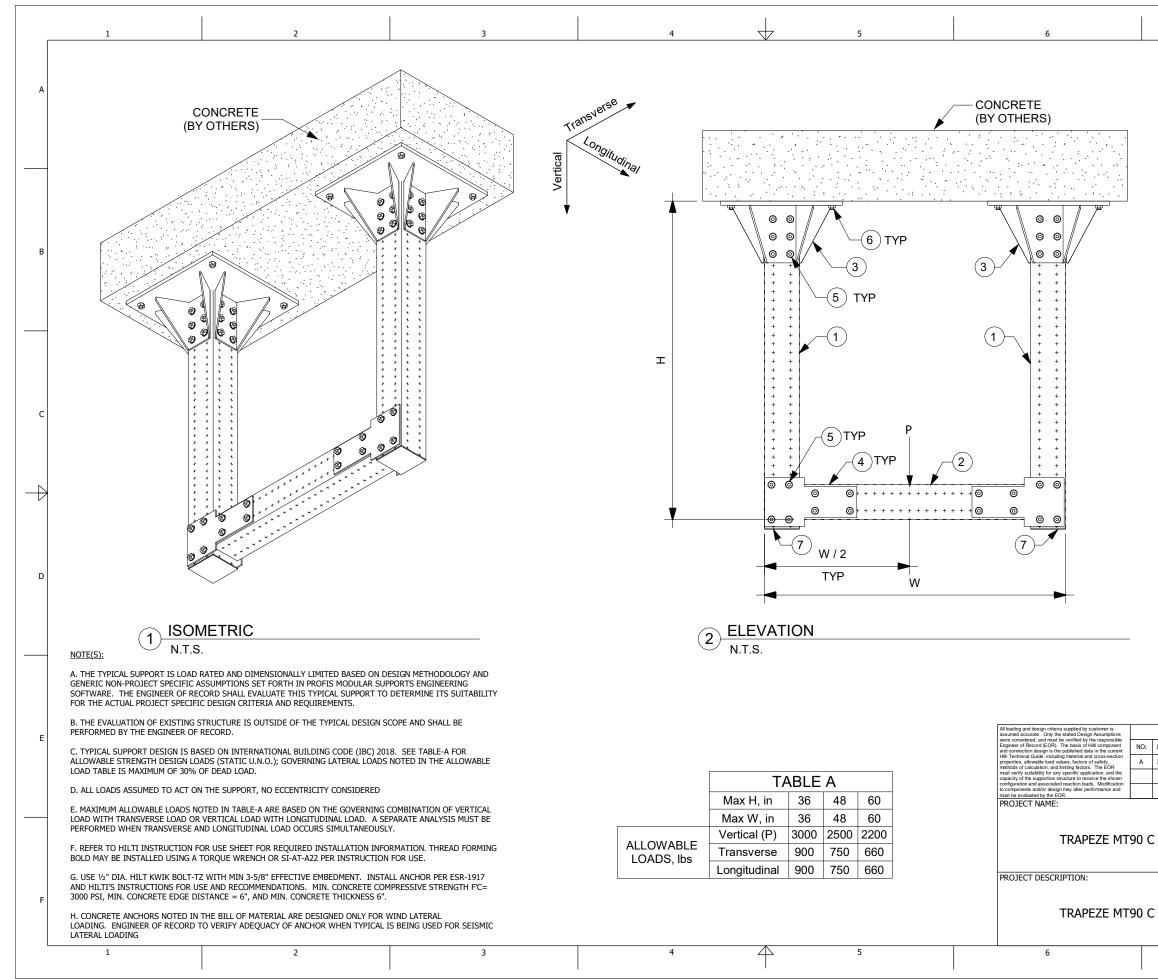


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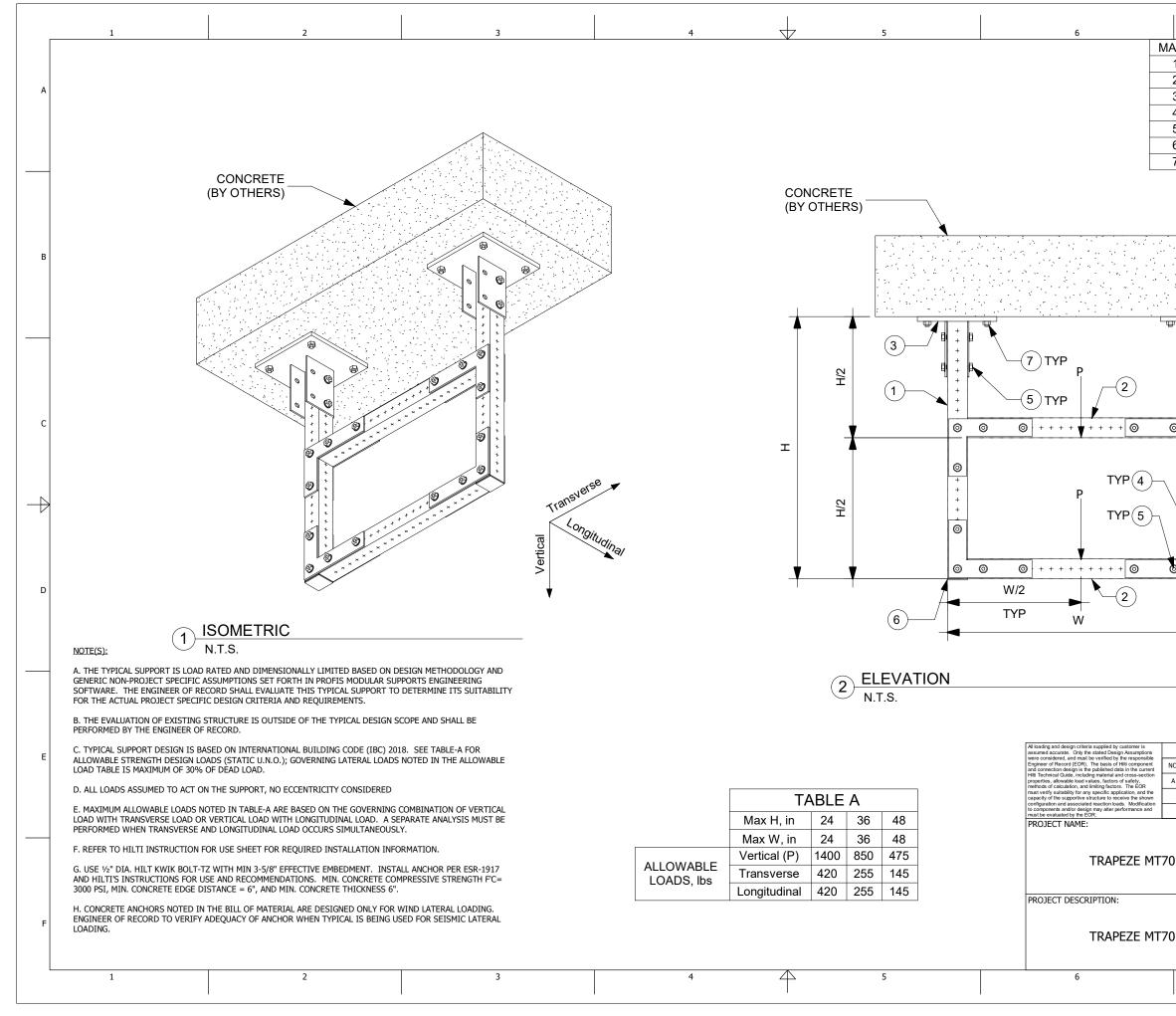


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1	2268369	MT-90 OC	MT-90 OC		
2	2268369	MT-90 OC	MT-90 OC		
3	VARIES	MT-B-GXL S	S+ OC (SEE TABLE)	2	A
4	2272075	MT-C-GLP T	- OC	4	
5	2272084	MT-TFB OC		68	
6	387398	MI-SGC M16	8		
7	2273699	MT-EC-90	2		

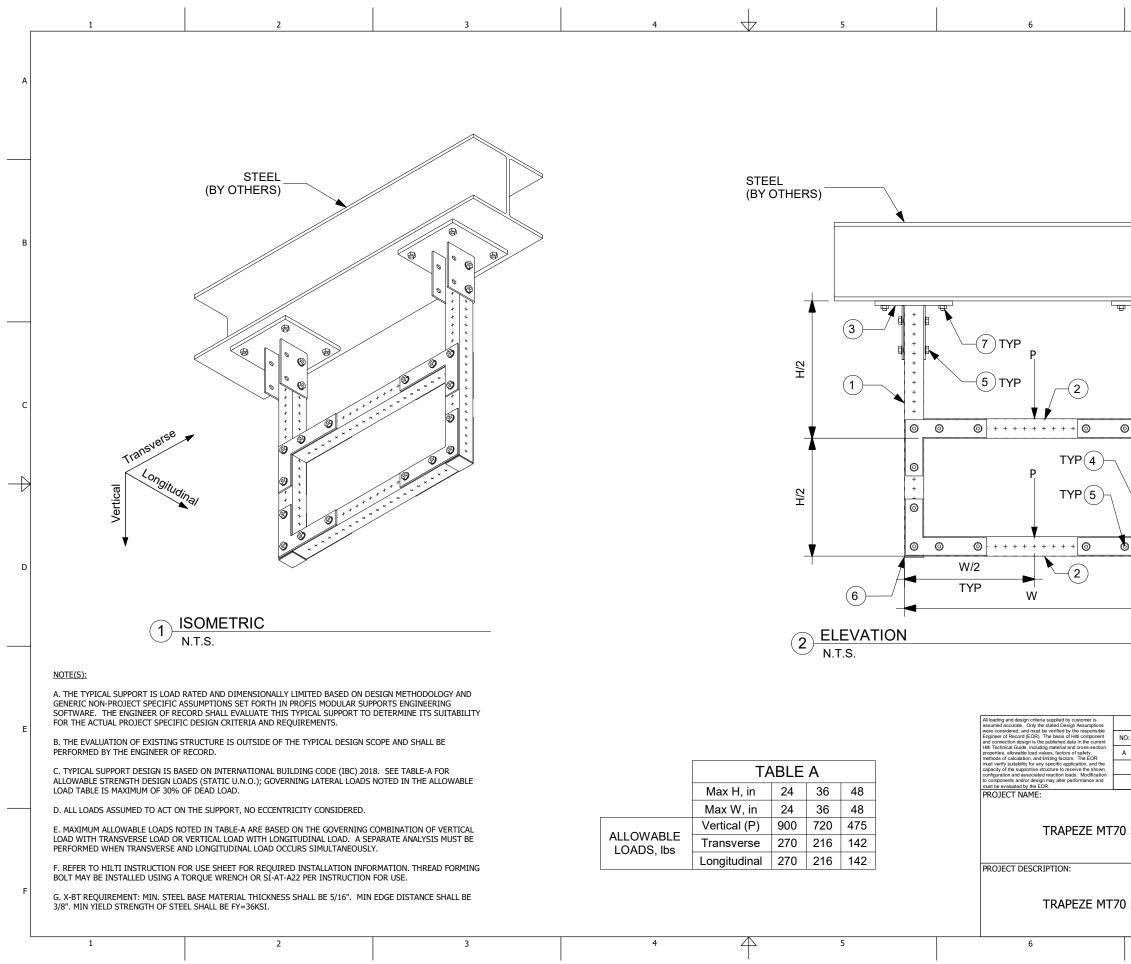
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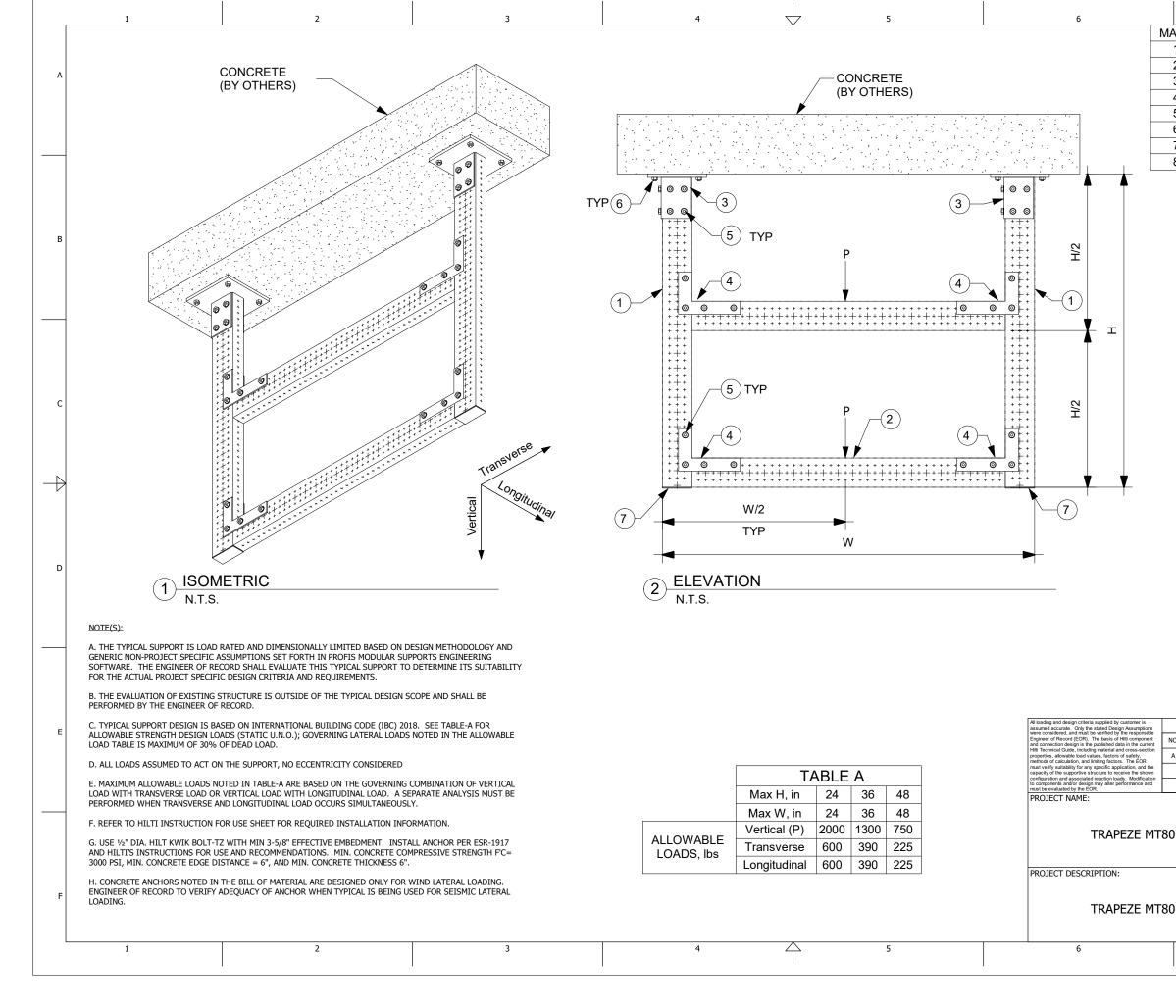
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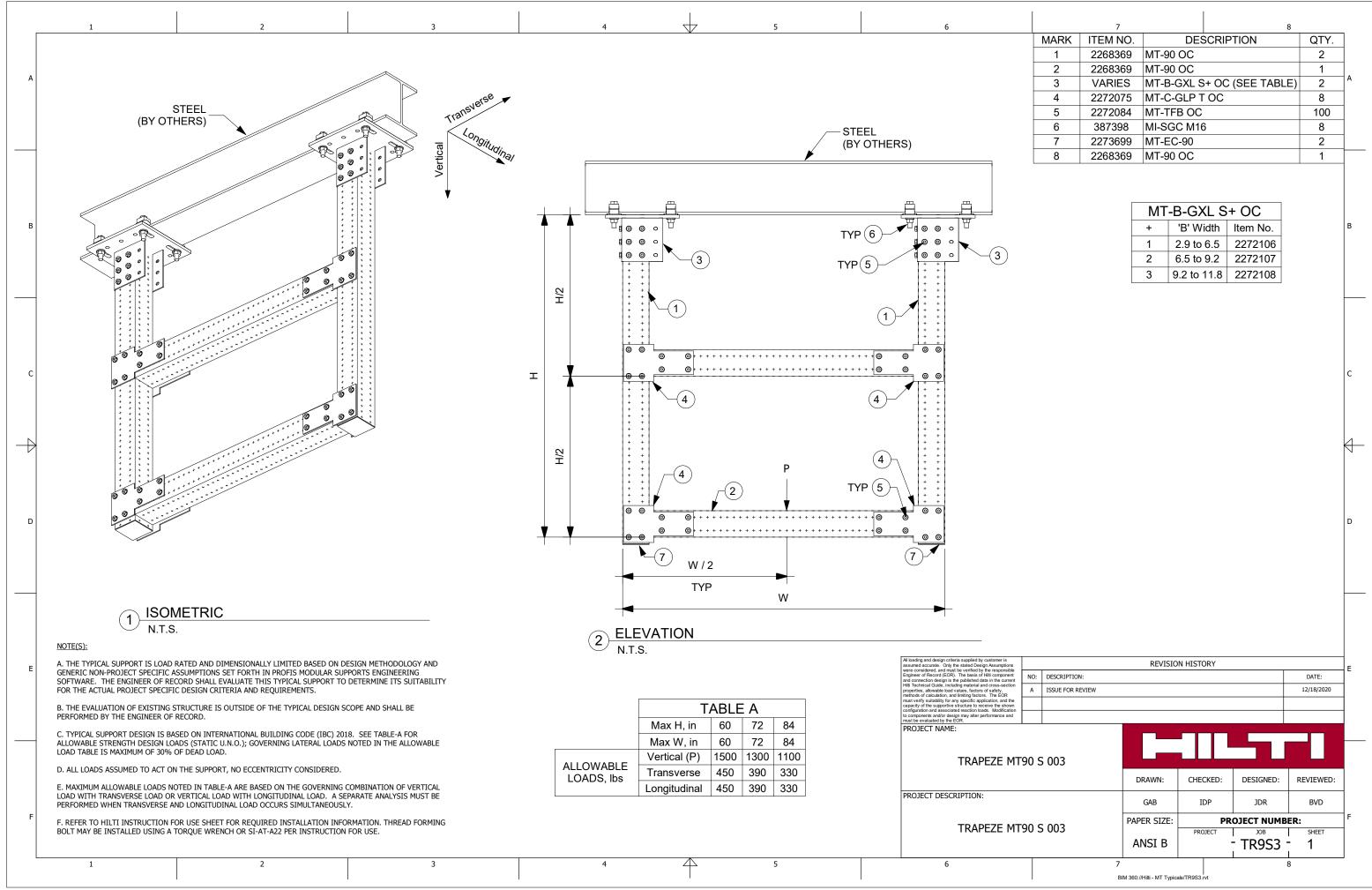


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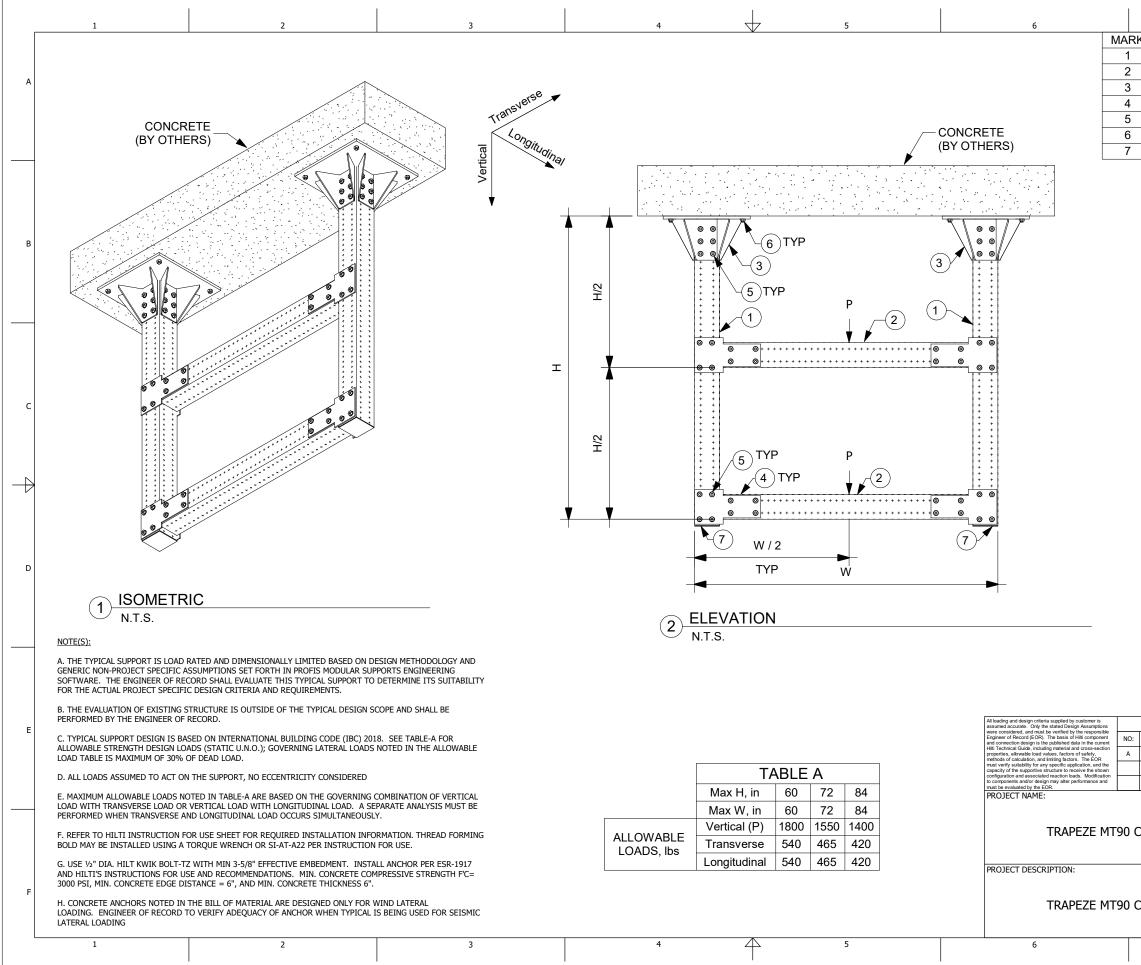
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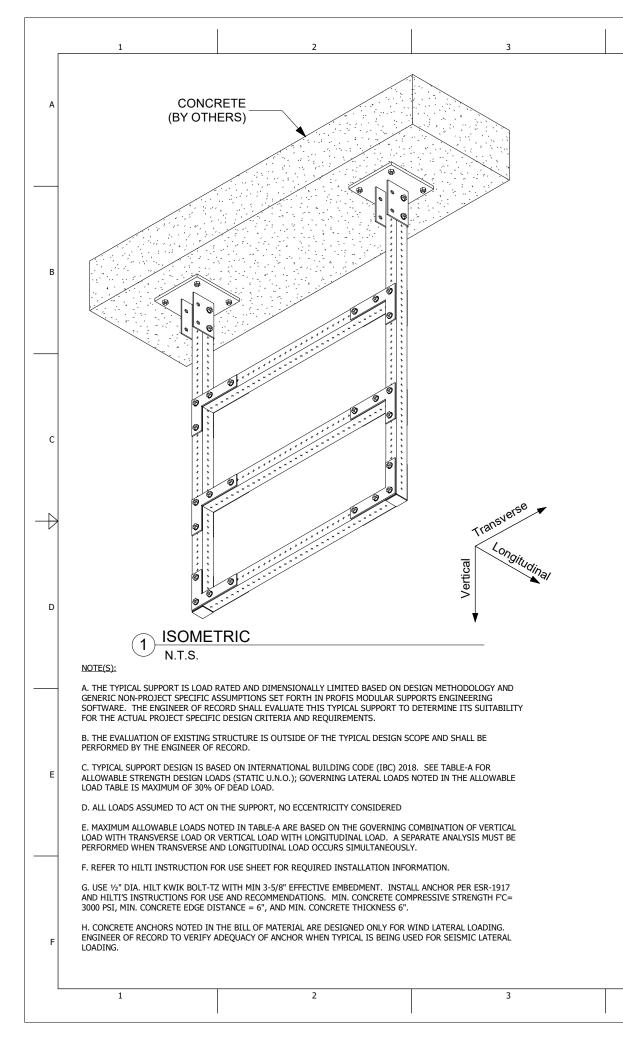


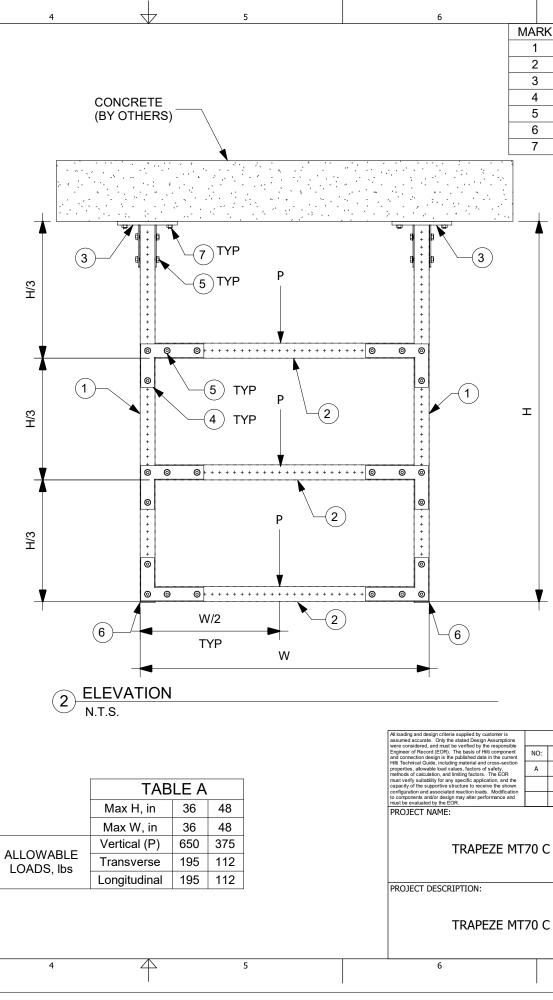
	7	8		
MARK	ITEM NO.	DESCRIPTION	QTY.	1
1	2268369	MT-90 OC	2	
2	2268369	MT-90 OC	1	
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2	A
4	2272075	MT-C-GLP T OC	8	
5	2272084	MT-TFB OC	100	
6	387398	MI-SGC M16	8	
7	2273699	MT-EC-90	2	1
8	2268369	MT-90 OC	1	

MT-B-GXL S+ OC								
+ 'B' Width Item No.								
1	2.9 to 6.5	2272106						
2 6.5 to 9.2 22721								
3	9.2 to 11.8	2272108						



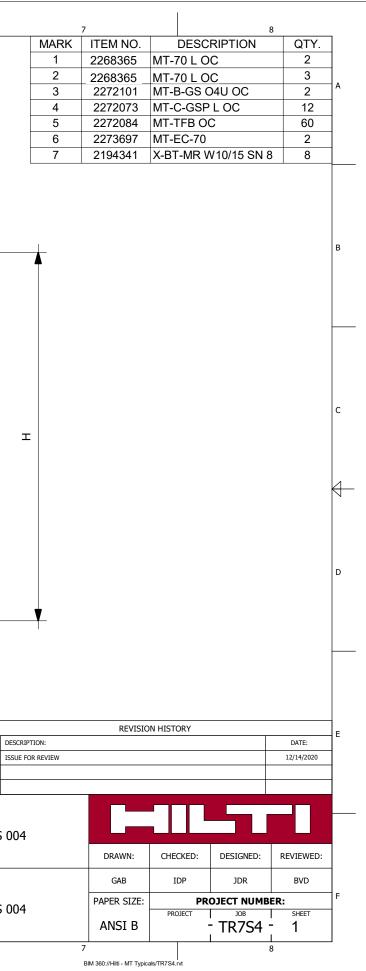
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1 2268369 MT-90 OC	2	
2 2268369 MT-90 OC	2	
3 2272103 MT-B-GL-O4 C	C 2	A
4 2272075 MT-C-GLP T C		
5 2272084 MT-TFB OC	112	2
	Z 5/8" X 4-3/4" SS304 8	
7 2273699 MT-EC-90	2	
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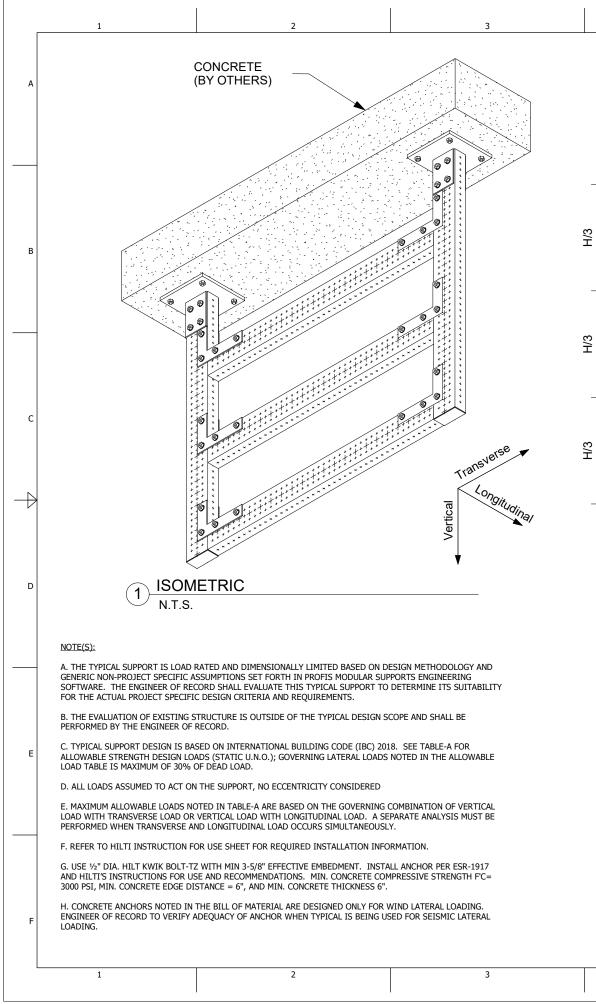




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Þ		Kertical Certical	H3		P_2	* * * * * * * * * * * * * *
	1 ISOMETRIC N.T.S.			6 TYP	W	
E	 A. THE TYPICAL SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON DE GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SUPPORT TO I FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS. B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SC PERFORMED BY THE ENGINEER OF RECORD. C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2013 ALLOWABLE STRENGTH DESIGN LOADS (STATIC U.N.O.); GOVERNING LATERAL LOADS I LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD. 	PORTS ENGINEERING DETERMINE ITS SUITABILITY COPE AND SHALL BE 8. SEE TABLE-A FOR	(2) Ma	ELEVATION N.T.S. TABLE A ax H, in 24 36 48	assumed accur vere considere Ergineer of Ner Hitl Technical properties, allo methods of cal ratt verify auto conflutariation	design criteria supplied by customer is and mat be verified by the responsible d, and mat be verified by the responsible diard mat be verified by the responsible design is the published data in the current NO: DES design is the published data in the current NO; DES design is the published data in the current A ISS alation, and inriting factors. The ECR A ISS addot, and inriting factors. Modification and/or design may alter performance and des y the ECR. NAME:
F	 D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING CLOAD WITH TRANSVERSE LOAD OR VERTICAL LOAD WITH LONGITUDINAL LOAD. A SEP PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFOR BOLT MAY BE INSTALLED USING A TORQUE WRENCH OR SI-AT-A22 PER INSTRUCTION G. X-BT REQUIREMENT: MIN. STEEL BASE MATERIAL THICKNESS SHALL BE 5/16". MIN 3/8". MIN YIELD STRENGTH OF STEEL SHALL BE FY=36KSI. 	PARATE ANALYSIS MUST BE (. RMATION. THREAD FORMING FOR USE.	ALLOWABLE LOADS, lbs	ix W, in 24 36 48 tical (P) 1250 650 375 nsverse 375 195 112 gitudinal 375 195 112		TRAPEZE MT70 S 0 DESCRIPTION: TRAPEZE MT70 S 0
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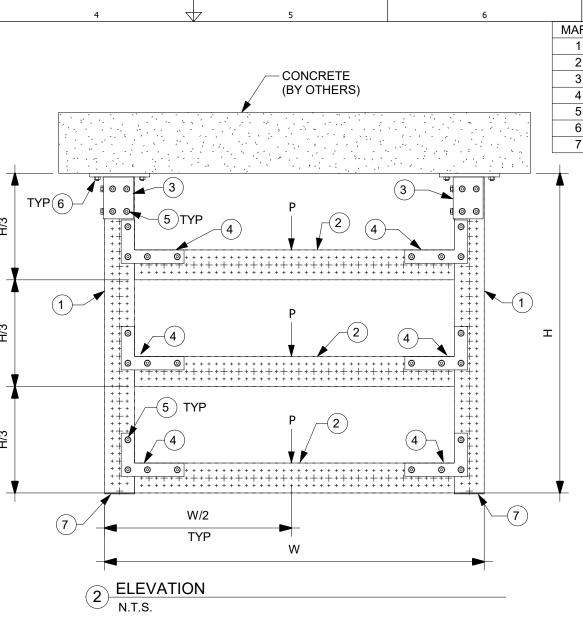
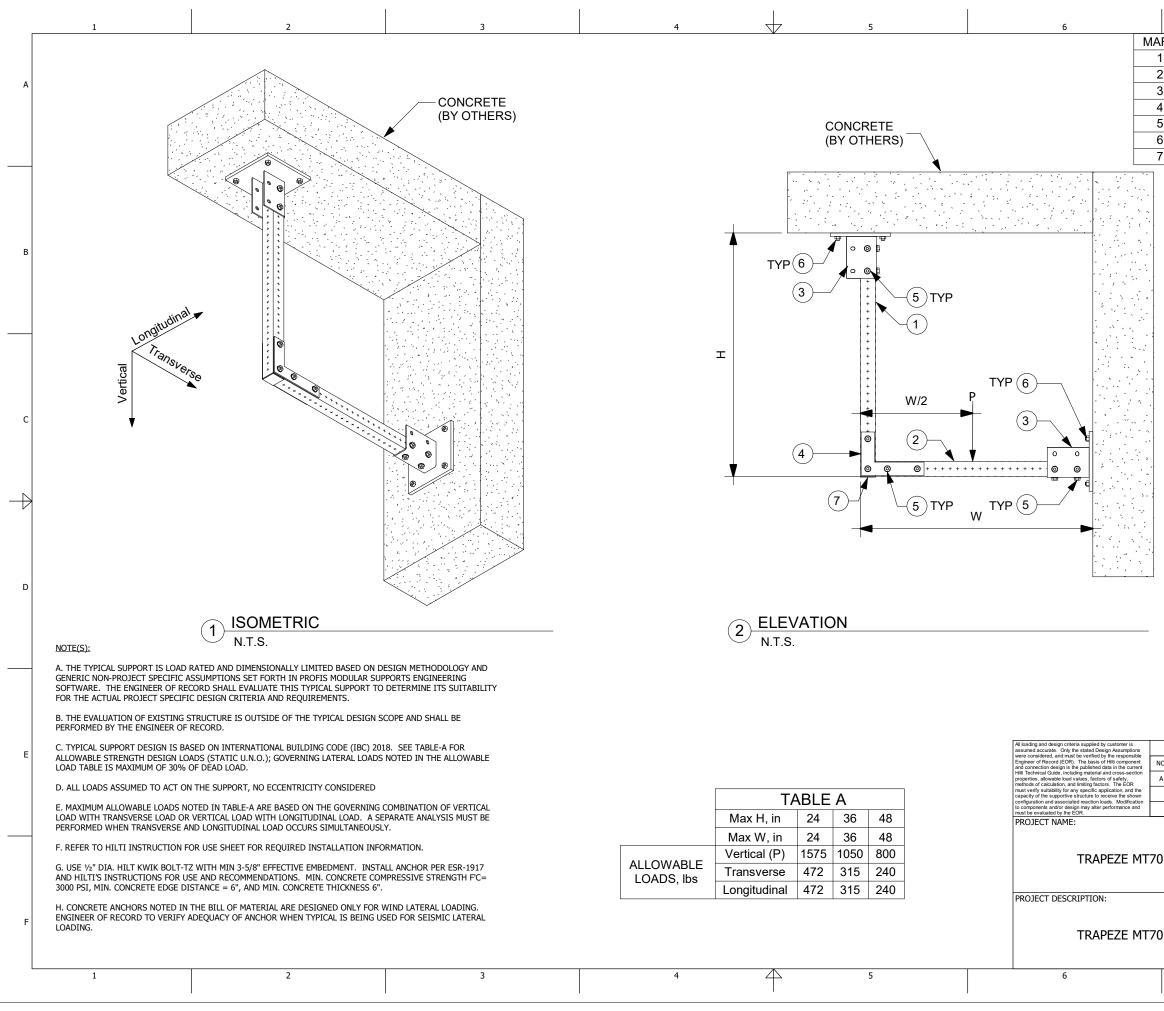


		TABLE A			
		Max H, in	36	48	
		Max W, in	36	48	
		Vertical (P)	1000	575	
ALLOWABLE LOADS, lbs	Transverse	300	173		
	Longitudinal	300	173		
		Max W, in Vertical (P) Transverse	36 1000 300	48 57 17	

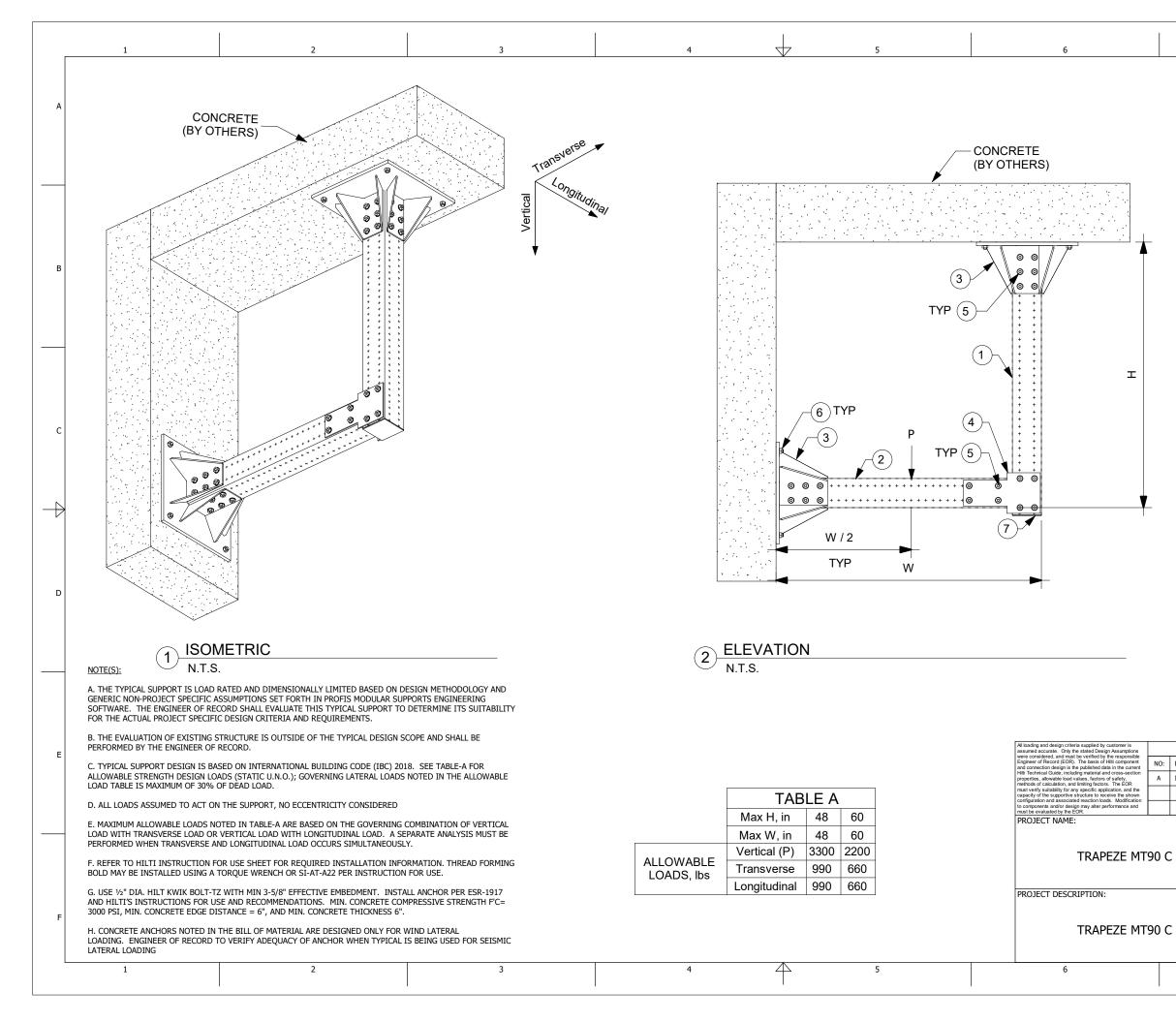
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-	3	2272101	MT-B-GS 040			12	-
	4 5	2272073 2272084	MT-C-GSPL			68	-
	6	387527	ANCHOR KB-	T7 1/2" v /	-1/2" 5530/		-
	7	2273698	MT-EC-80	-12 1/2 14	-1/2 00004	2	-
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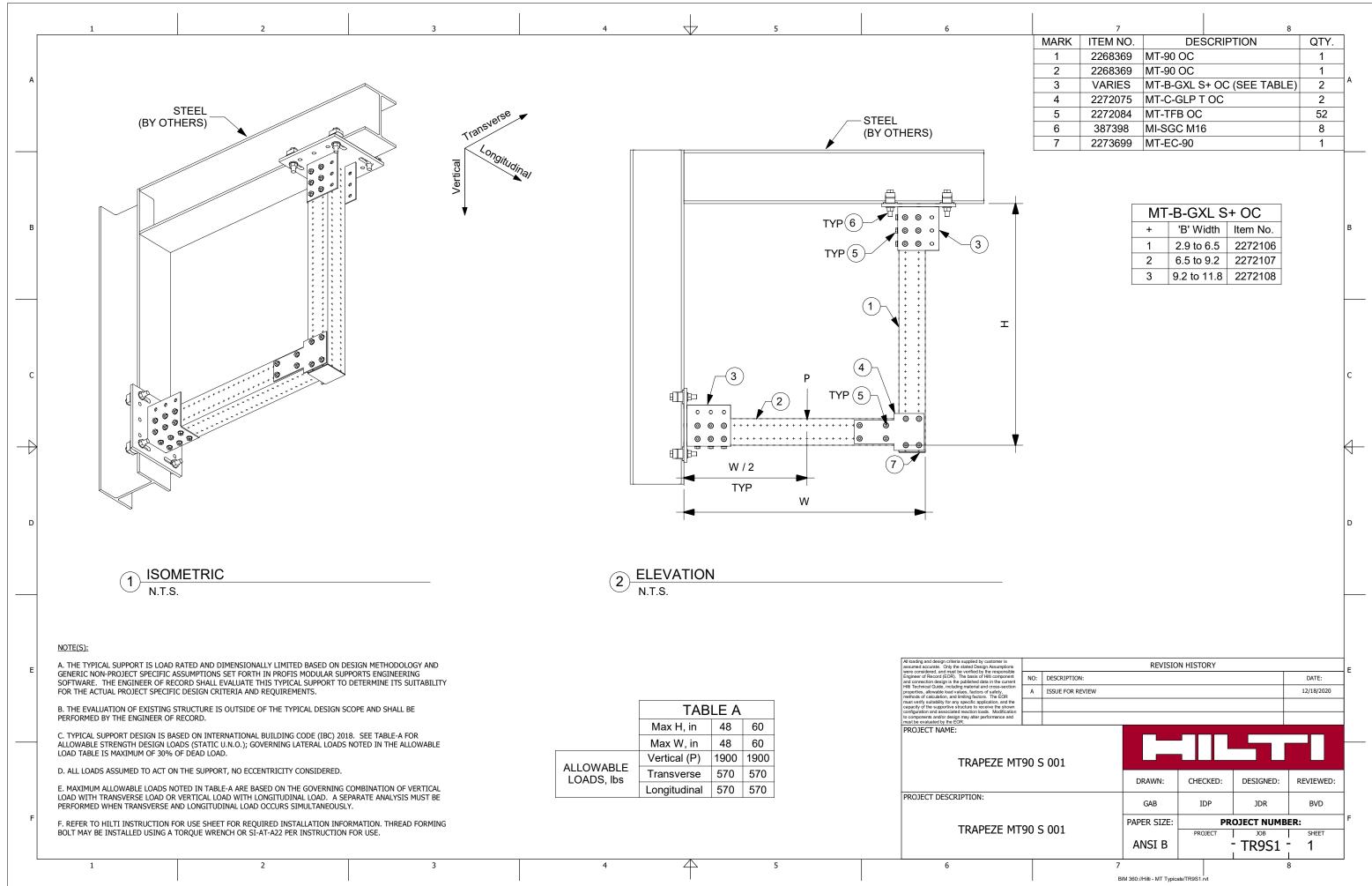


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		MT-C-GSP L	.00		2	-
		MT-TFB OC			20	-
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7 227	3697 I	MT-EC-70			1	
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		\mathbf{A}	7 2273697 MT-EC	C-70 1
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D	Vertical	$\begin{array}{c c} \hline 7 \\ \hline \\ \hline$		D
		2 ELEVATION		
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_	NOTE(S): A. THE TYPICAL SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON DESIGN METHODOLOGY AND GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SUPPORTS ENGINEERING SOFTWARE. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT TO DETERMINE ITS SUITABILITY FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS.		All loading and design criteria supplied by customer is assumed accurate. Only the stated Design Assumptions REVISION HISTOF	RY
	B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE ENGINEER OF RECORD.		were considered, and must be verified by the responsible Engineer of Record (EQR). The basis of Mill component and connection design is the published data in the current Hill Technical Quide, including material and cross-section methods of calculation, and intring factors. The EOR must verify subliship (and years) and the public of t	DATE: 12/14/2020
	C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2018. SEE TABLE-A FOR ALLOWABLE STRENGTH DESIGN LOADS (STATIC U.N.O.); GOVERNING LATERAL LOADS NOTED IN THE ALLOWABLE LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD.	TABLE AMax H, in243648	capacity of the supportive structure to receive the shown configuration and associated reaction back. Modification to components and/or design may alter performance and must be evaluated by the ECA. PROFICET NAME-	
	D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED.	Max W, in 24 36 48		
	E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING COMBINATION OF VERTICAL LOAD WITH TRANSVERSE LOAD OR VERTICAL LOAD WITH LONGITUDINAL LOAD. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.	ALLOWABLE LOADS, lbsVertical (P)1300975760Transverse390292228	TRAPEZE MT70 S 001	
	F. 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.	Longitudinal 390 292 228	PROJECT DESCRIPTION: GAB IDF	
1	BOET PLAT DE INSTALLED UDING A TONQUE WINLINGT ON STAT-AZZ FEN INSTRUCTION FOR USE.		PAPER SIZE	PROJECT NUMBER:
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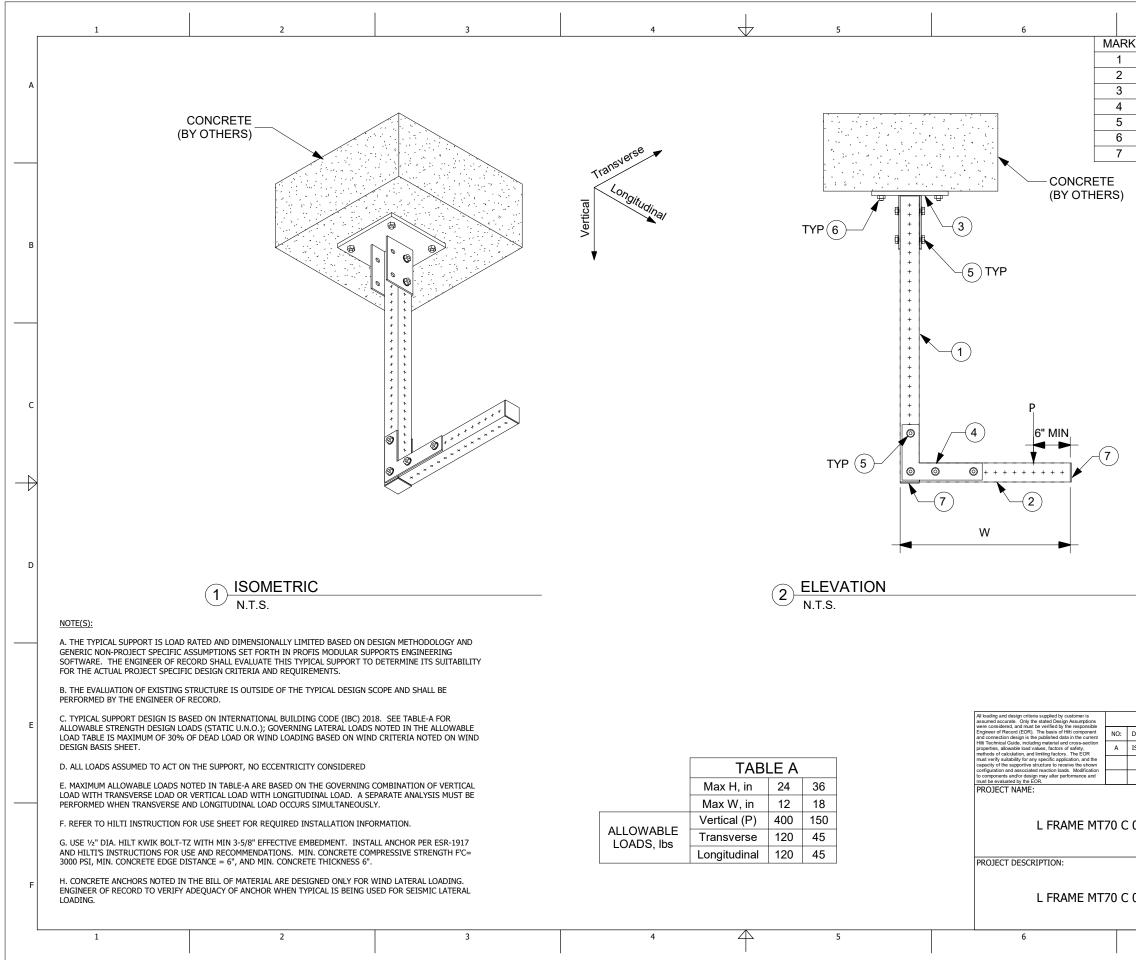


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1	2268369	MT-90 OC		1	
2	2268369	MT-90 OC	1.00	1	A
3	2272103	MT-B-GL-C		2	
4	2272075	MT-C-GLP		2	
5	2272084	MT-TFB O	5 (B-TZ 5/8" X	64	
6	387530	4-3/4" SS30		8	
7	2273699	MT-EC-90		1	
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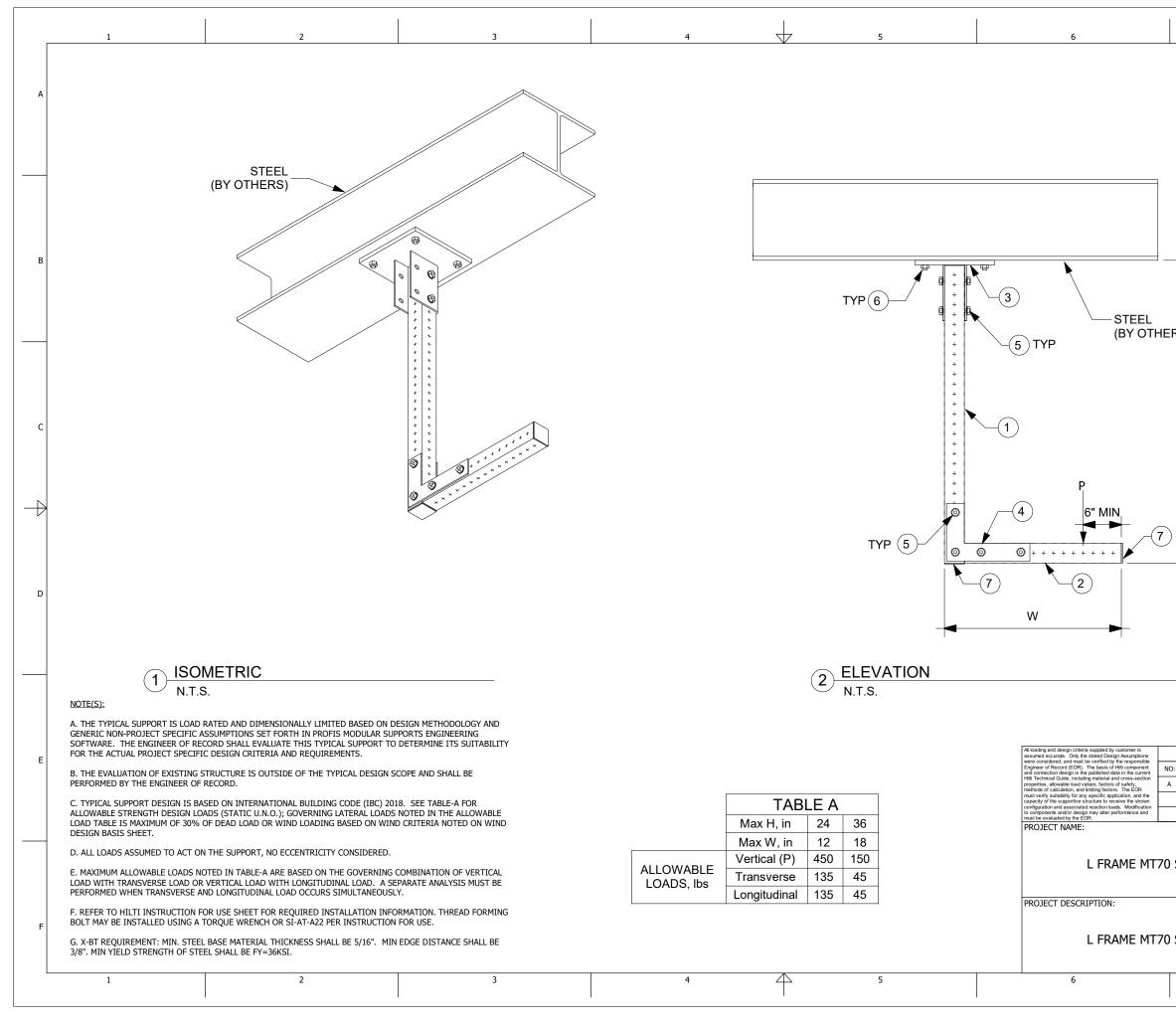


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1	2268369	MT-90 OC		1	1
2	2268369	MT-90 OC		1]
3	VARIES	MT-B-GXL S	+ OC (SEE TABLE)	2	A
4	2272075	MT-C-GLP T	00	2	
5	2272084	MT-TFB OC		52]
6	387398	MI-SGC M16	3	8]
7	2273699	MT-EC-90		1]

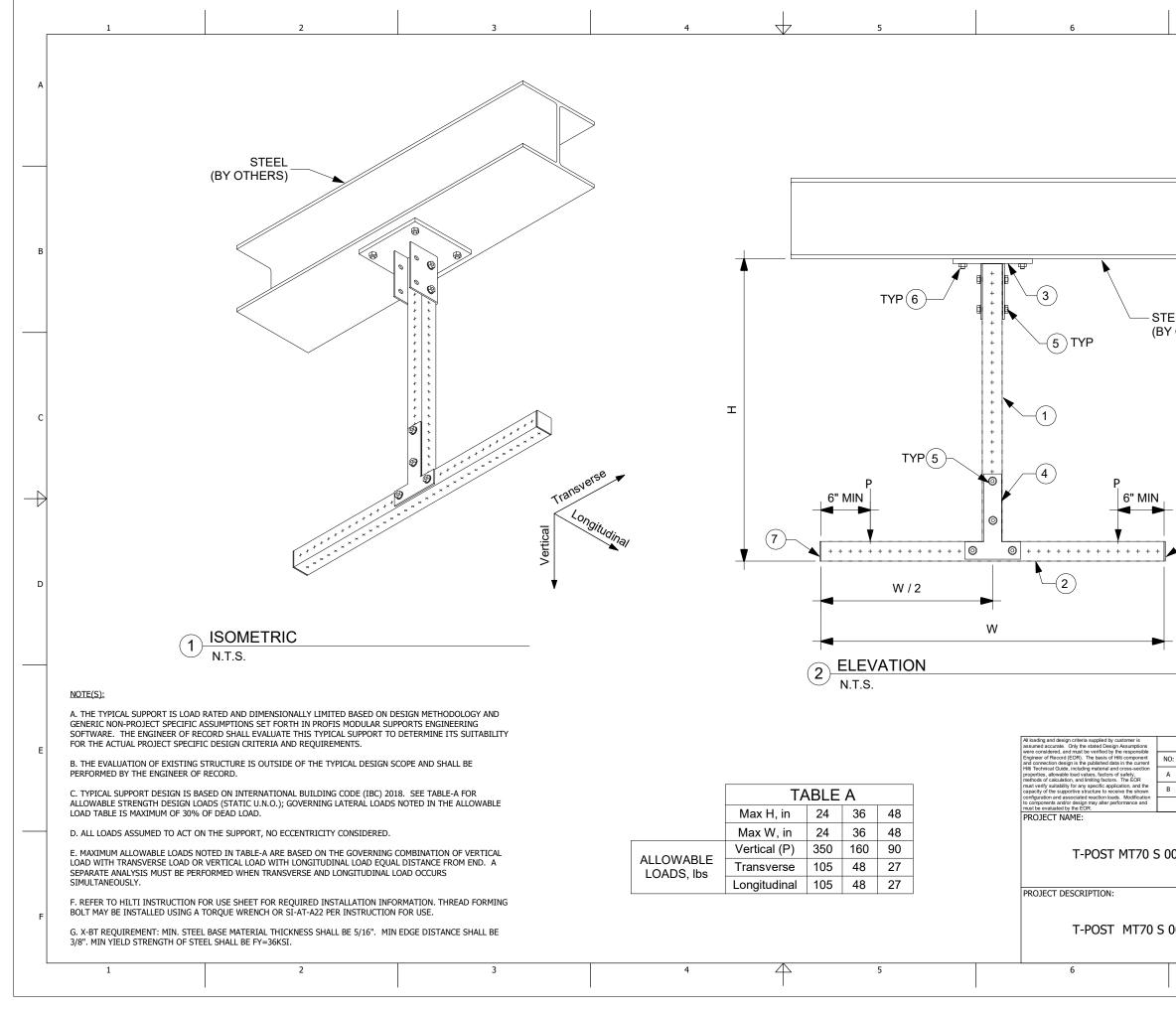
MT-B-GXL S+ OC							
+ 'B' Width Item No.							
1	2.9 to 6.5	2272106					
2	6.5 to 9.2	2272107					
3	9.2 to 11.8	2272108					



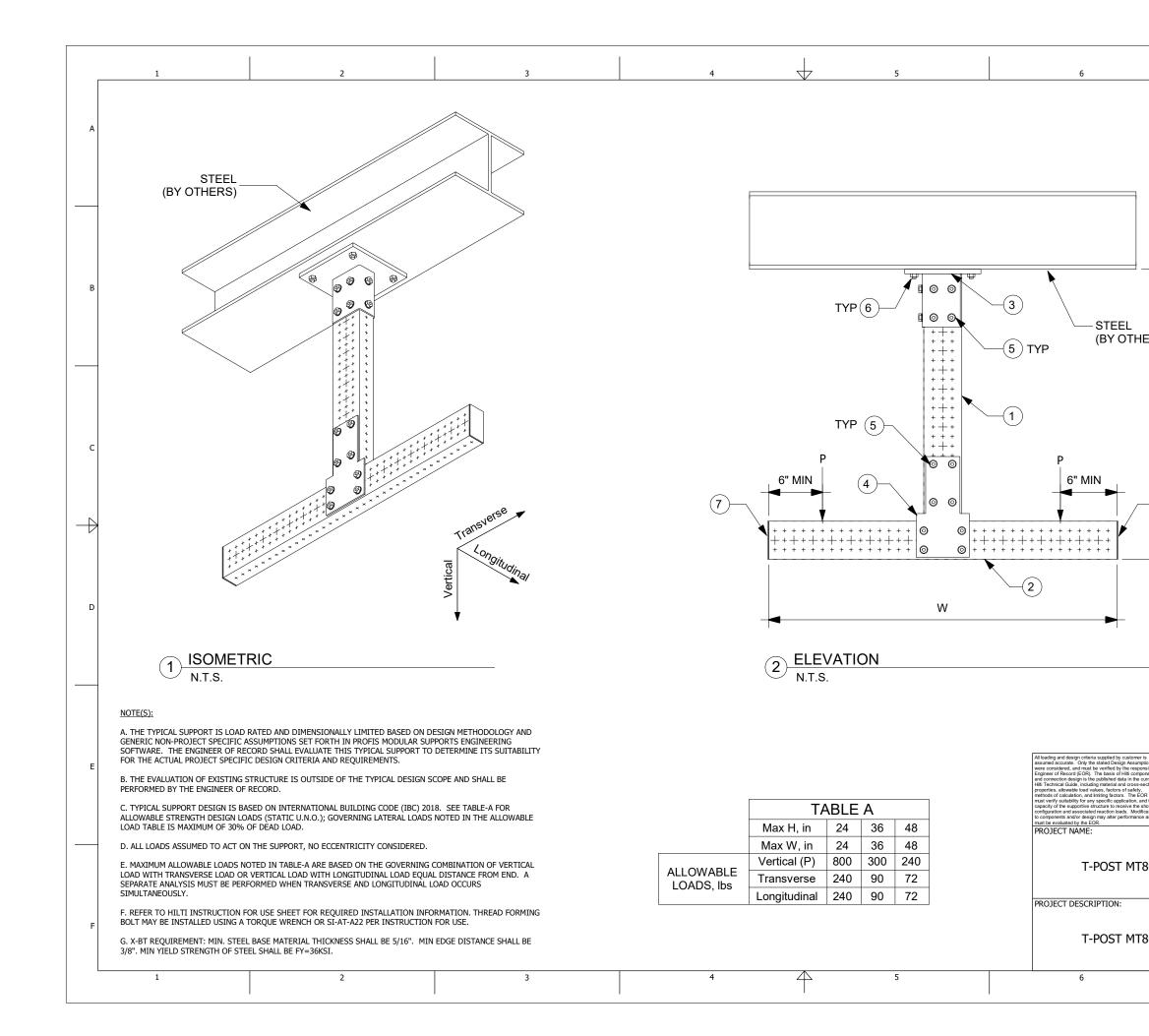
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	2268365	MT-70 L O	0		1	
	2268365	MT-70 L O	0		1	
	2272101	MT-B-GS O	4U OC		1	A
	2272073	MT-C-GSP	LOC		2	
	2272084	MT-TFB OC	;		14	
	387527	ANCHOR K	B-TZ 1/2" x	4-1/2" SS30	04 4	
	2273697	MT-EC-70			2	
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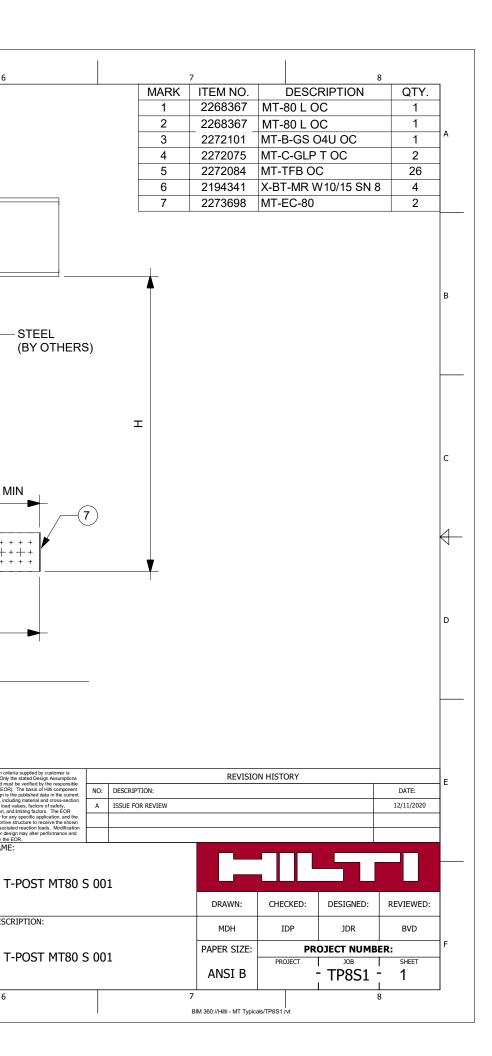


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		3 4	2272101	MT-C-GSP		2	-
		4 5	2272073	MT-TFB O		14	-
		6	2194341		2 V10/15 SN 8		-
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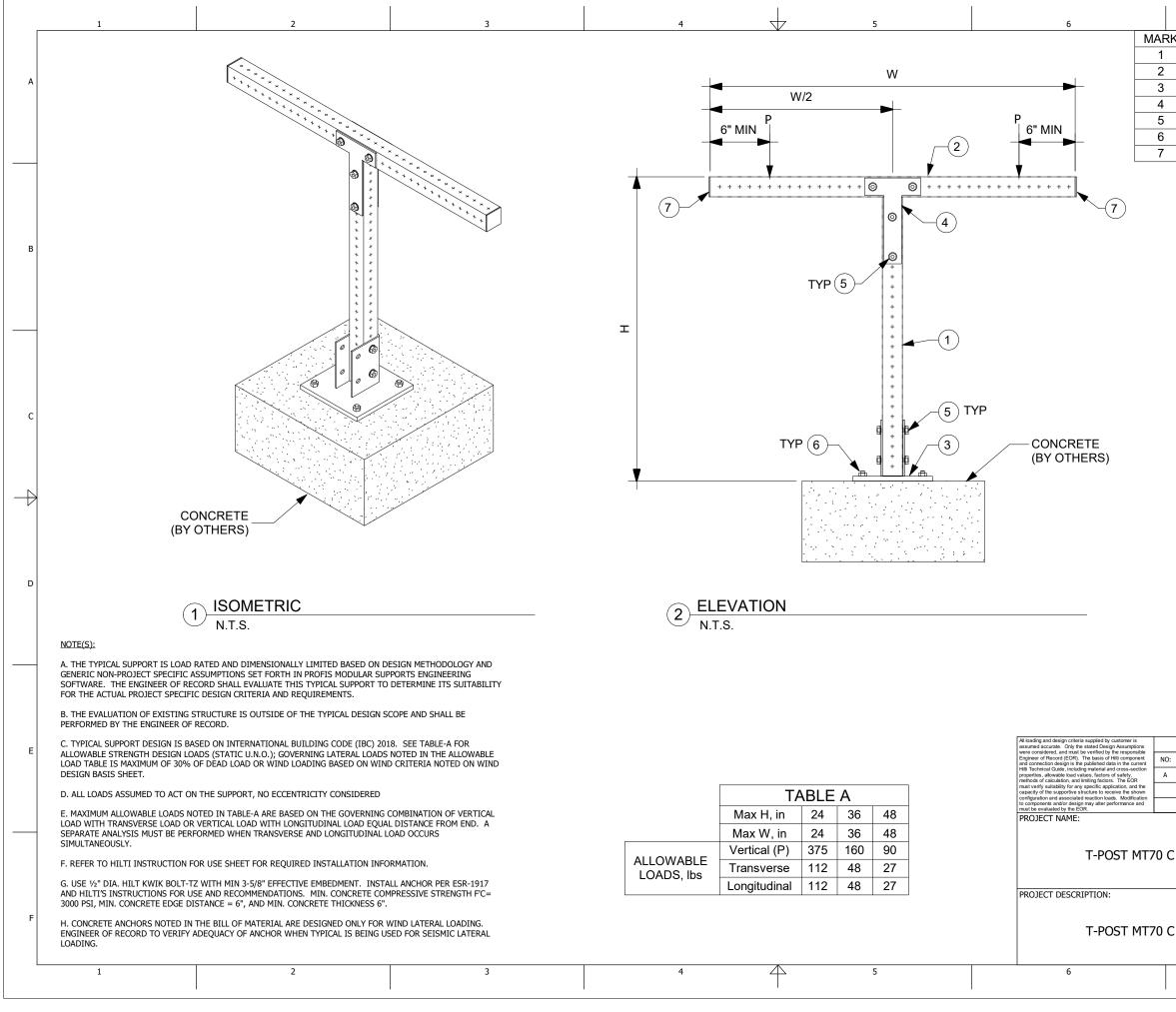
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	1	2268365	MT-70 L O		1	
	2	2268365	MT-70 L O		1	A
	3	2272101	MT-B-GS C		1	
	4	2272074	MT-C-GSP		2	
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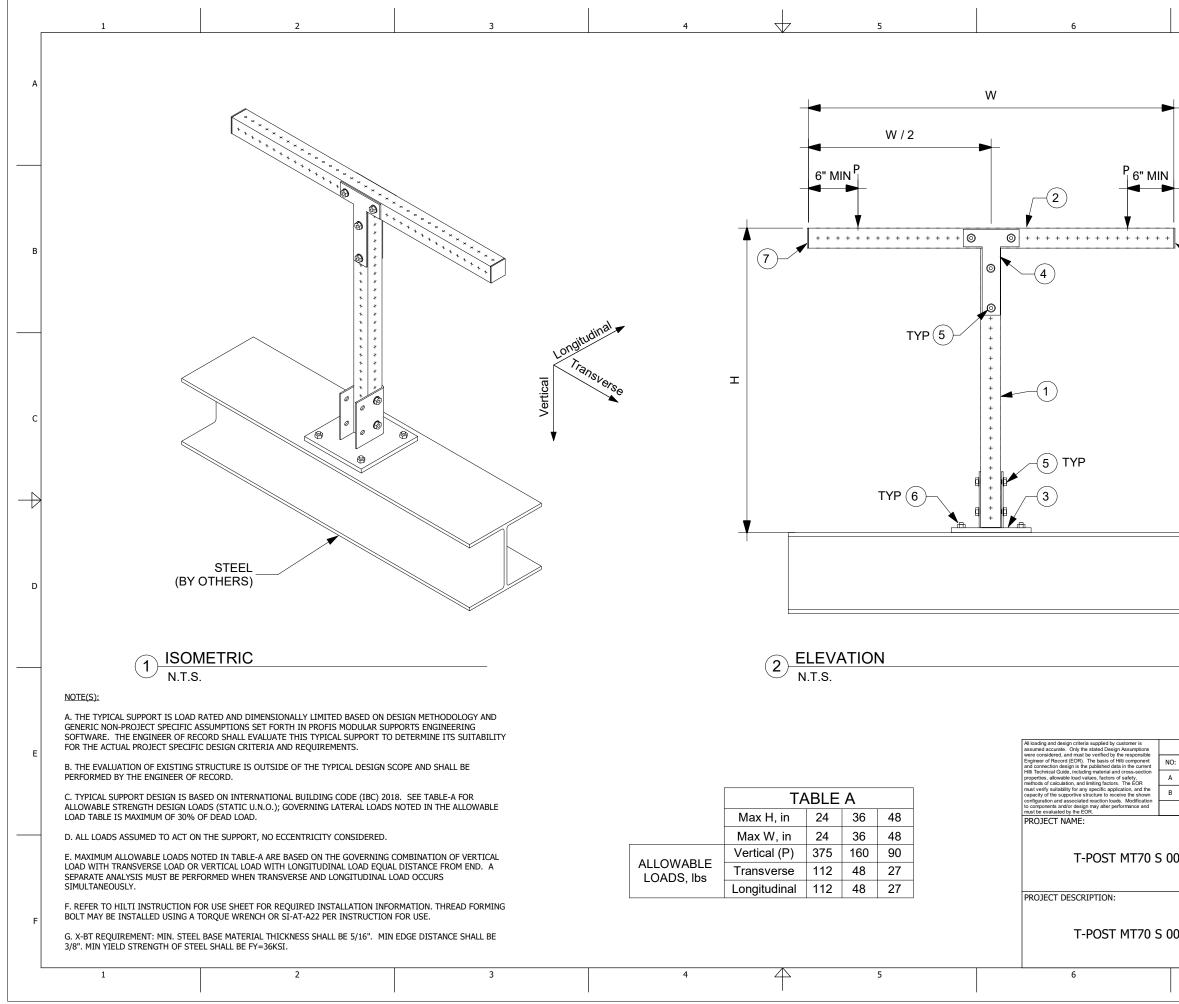


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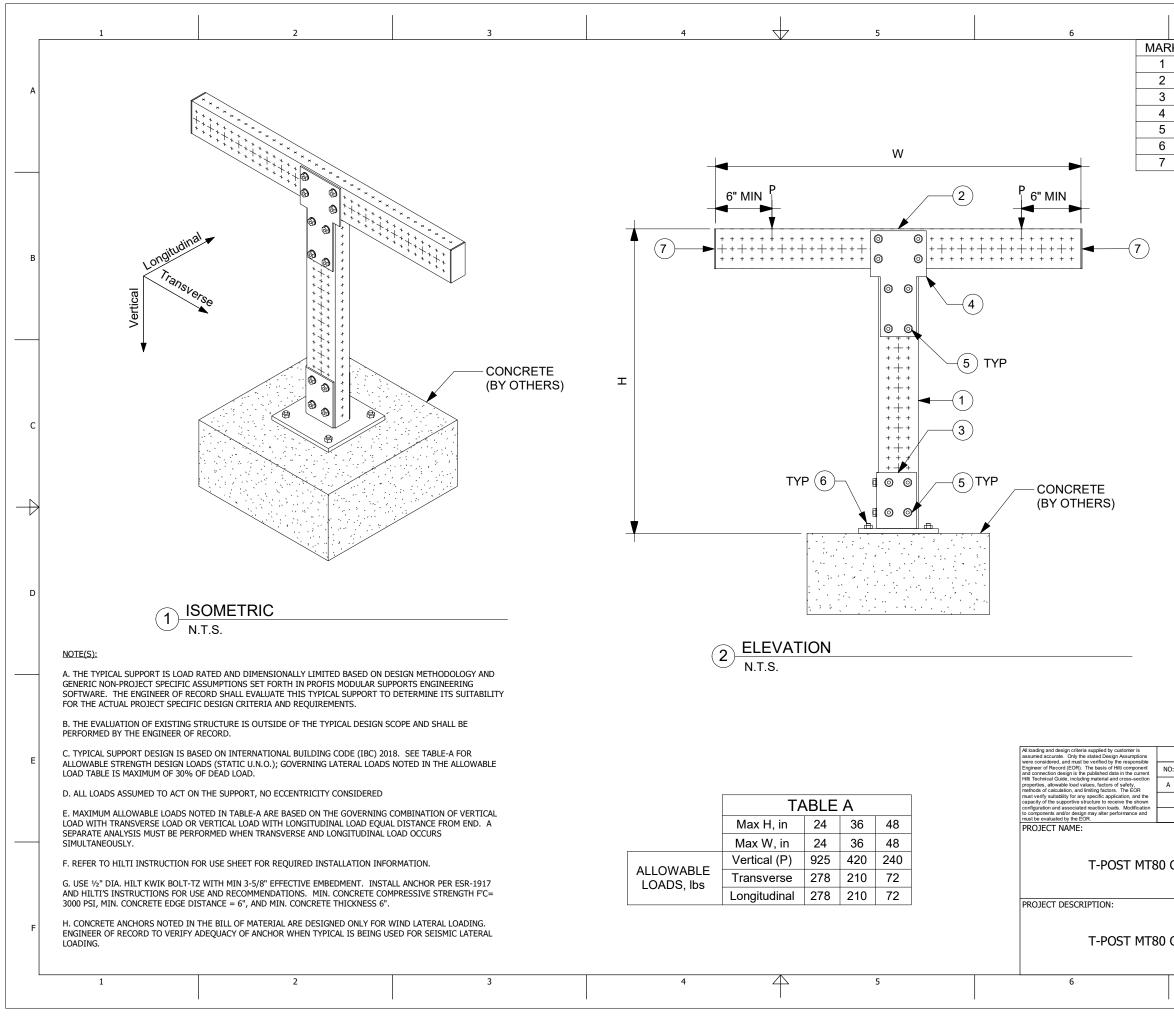
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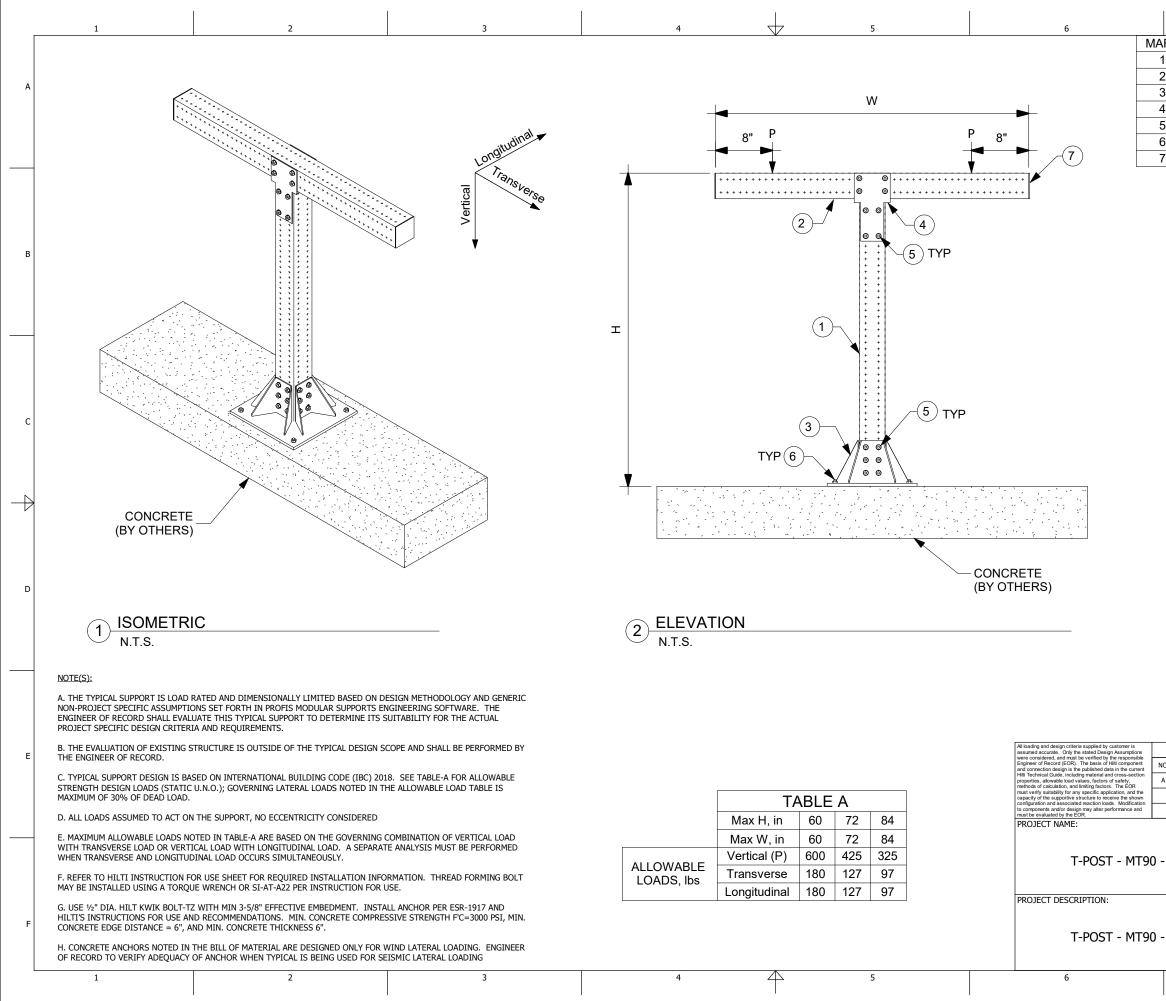


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	2	2268365	MT-70 L C		1	А
	3	2272101	MT-B-GS		1	
	4	2272074	MT-C-GS		2	
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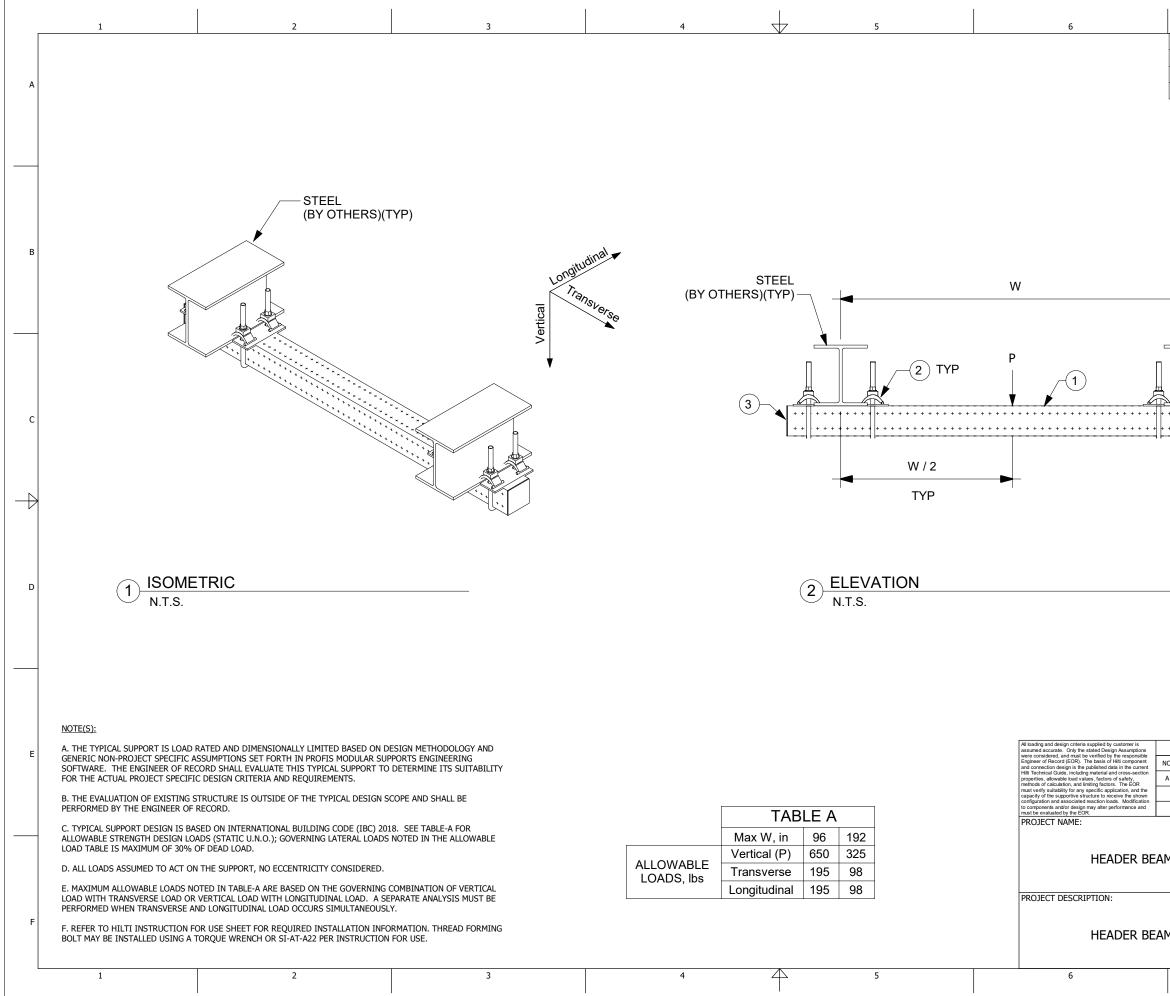


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		. W	1 2 3 4 5 6	2268367 MT-80 L OC 1 2268367 MT-80 L OC 1 2272101 MT-B-GS O4U OC 1 2272075 MT-C-GLP T OC 2 2272084 MT-TFB OC 26 2194341 X-BT-MR W10/15 SN 8 4
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1 ISOMETRIC N.T.S.		2 ELEVATION N.T.S.		
NOTE(S): A. THE TYPICAL SUPPORT IS LOAD RATED AND DIMENSIONALLY LIMITED BASED ON DESIGN METHODOLOGY AND GENERIC NON-PROJECT SPECIFIC ASSUMPTIONS SET FORTH IN PROFIS MODULAR SUPPORTS ENGINEERING SOFTWARE. THE ENGINEER OF RECORD SHALL EVALUATE THIS TYPICAL SUPPORT TO DETERMINE ITS SUITABILITY FOR THE ACTUAL PROJECT SPECIFIC DESIGN CRITERIA AND REQUIREMENTS.			All loading and design criteria supplied by customer is assumed accurate. Only the stated Design Assumptions	REVISION HISTORY
B. THE EVALUATION OF EXISTING STRUCTURE IS OUTSIDE OF THE TYPICAL DESIGN SCOPE AND SHALL BE PERFORMED BY THE ENGINEER OF RECORD. C. TYPICAL SUPPORT DESIGN IS BASED ON INTERNATIONAL BUILDING CODE (IBC) 2018. SEE TABLE-A FOR ALLOWABLE STRENGTH DESIGN LOADS (STATIC U.N.O.); GOVERNING LATERAL LOADS NOTED IN THE ALLOWABLE LOAD TABLE IS MAXIMUM OF 30% OF DEAD LOAD.		TABLE AMax H, in243648	were considered, and must be verified by the responsible Engineer of Record (EOR). The basis of Hits component and connection design is the published data in the current Hitl Technical Guide, including material and cross-section properties, allowable load values, factors of safety. NO: DESCRIPTION: Mo: OESCRIPTION: A ISSUE FOR REVIEW mattree of adduction, and initing factors configuration and association responses on to components and/or design may alter performance and must be evaluated by the EOR. NO: DESCRIPTION: PROJECT NAME: Description Description Description	DATE: 12/11/2020
D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED. E. MAXIMUM ALLOWABLE LOADS NOTED IN TABLE-A ARE BASED ON THE GOVERNING COMBINATION OF VERTICAL LOAD WITH TRANSVERSE LOAD OR VERTICAL LOAD WITH LONGITUDINAL LOAD EQUAL DISTANCE FROM END. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.	ALLOWABLE LOADS, lbs	Max W, in 24 36 48 Vertical (P) 925 420 240 Transverse 278 210 72 Longitudinal 278 210 72	T-POST MT80 S 002 PROJECT DESCRIPTION:	DRAWN: CHECKED: DESIGNED: REVIEWED:
F. 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. G. X-BT REQUIREMENT: MIN. STEEL BASE MATERIAL THICKNESS SHALL BE 5/16". MIN EDGE DISTANCE SHALL BE 3/8". MIN YIELD STRENGTH OF STEEL SHALL BE FY=36KSI.			T-POST MT80 S 002	MDH IDP JDR BVD PAPER SIZE: PROJECT NUMBER: F ANSI B - TP8S2 - 1
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2	2268369	MT-90 OC			1	-
3	2272103	MT-B-GL-O4	I OC		1	A
4	2272075	MT-C-GLP T	OC		2	1
5	2272084	MT-TFB OC			40	
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7	2273699	MT-EC-90			2	
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