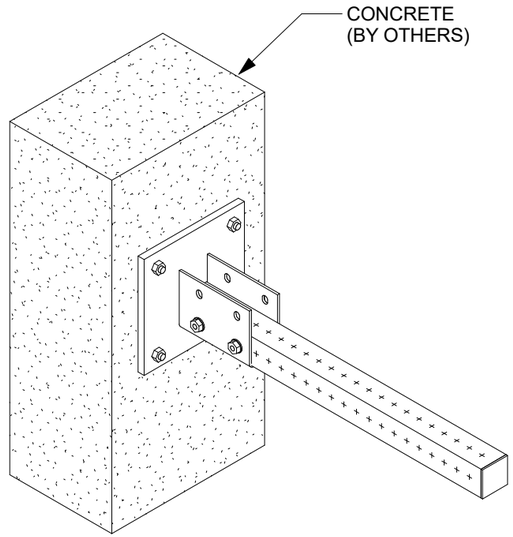
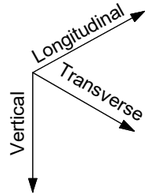
MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2272101	MT-B-GS O4U OC	1
3	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	4
4	2272084	MT-TFB OC	6
5	2273697	MT-EC-70	1





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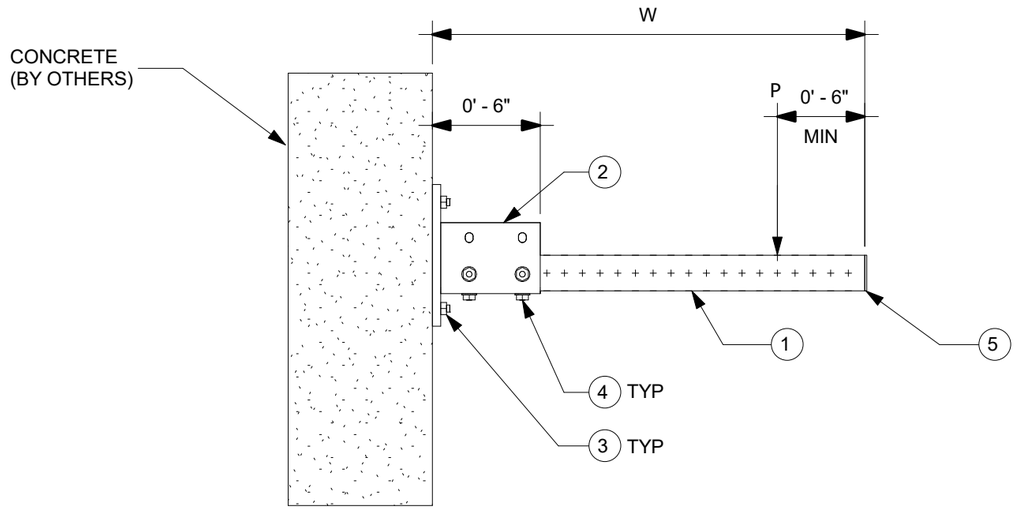


2 ELEVATION
N.T.S.

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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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. 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".

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.

TABLE A			
ALLOWABLE LOADS, lbs	Max W, in	18	24
	Vertical (P)	725	475
	Transverse	218	142
	Longitudinal	218	142

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW	02/18/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

CANTILEVER MT70 C 001

PROJECT DESCRIPTION:

CANTILEVER MT70 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

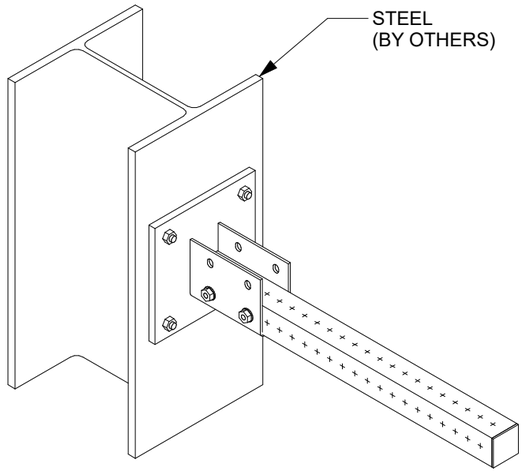
PAPER SIZE: ANSI B

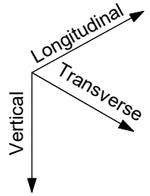
PROJECT NUMBER:

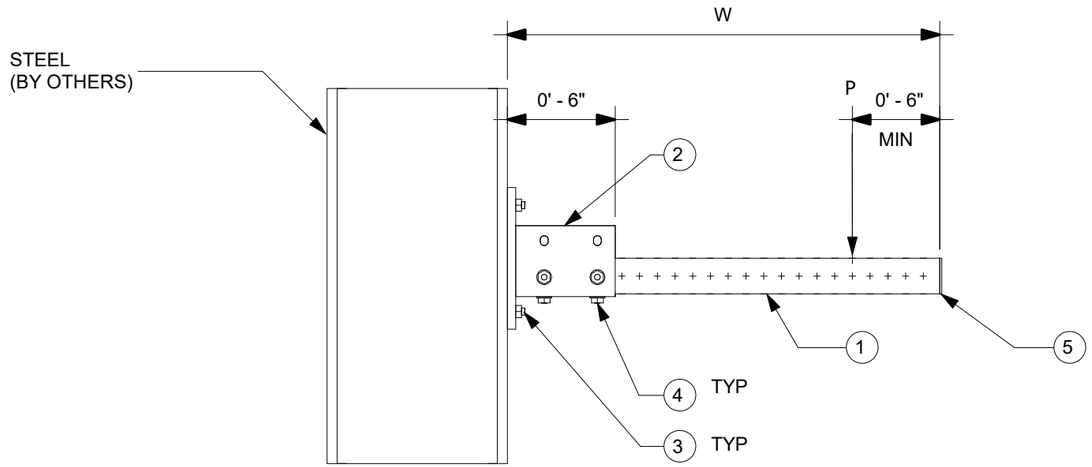
PROJECT	JOB	SHEET
-	CT7C1 -	1

BIM 360://PMO-HNA-ISB Projects/CT7C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2272101	MT-B-GS O4U OC	1
3	2194341	X-BT-MR W10/15 SN 8	4
4	2272084	MT-TFB OC	6
5	2273697	MT-EC-70	1







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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A			
	Max W, in	18	24
ALLOWABLE LOADS, lbs	Vertical (P)	550	350
	Transverse	165	105
	Longitudinal	165	105

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	08/19/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:

CANTILEVER MT70 S 001

PROJECT DESCRIPTION:

CANTILEVER MT70 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	BAP	JDR	BVD

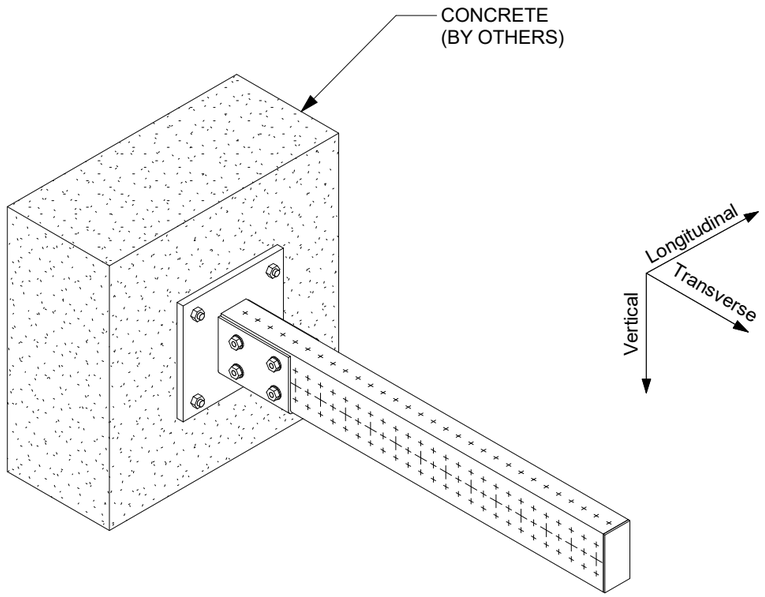
PAPER SIZE: ANSI B

PROJECT NUMBER:

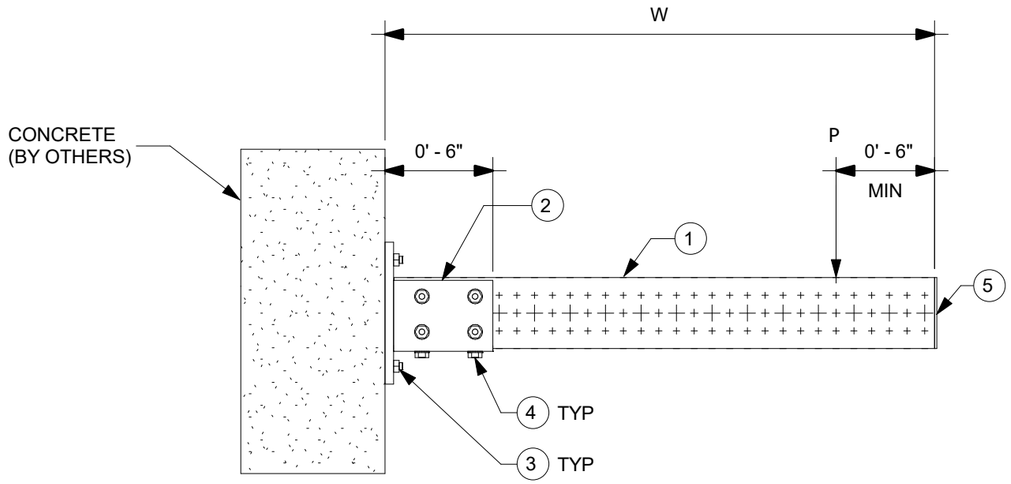
PROJECT	JOB	SHEET
	- CT7S1 -	1

BIM 360://PMO-HNA-ISB Projects/CT7S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	1
2	2272101	MT-B-GS O4U OC	1
3	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	4
4	2272084	MT-TFB OC	10
5	2273698	MT-EC-80	1



1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.

NOTE(S):

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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. 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".

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.

TABLE A			
	Max W, in	18	24
ALLOWABLE LOADS, lbs	Vertical (P)	1400	1000
	Transverse	420	300
	Longitudinal	420	300

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
CANTILEVER MT80 C 001

PROJECT DESCRIPTION:
CANTILEVER MT80 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	BAP	JDR	BVD

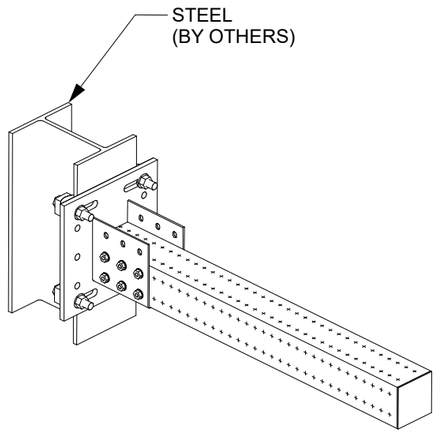
PAPER SIZE: ANSI B

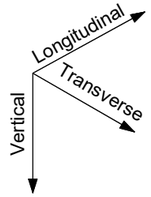
PROJECT NUMBER:

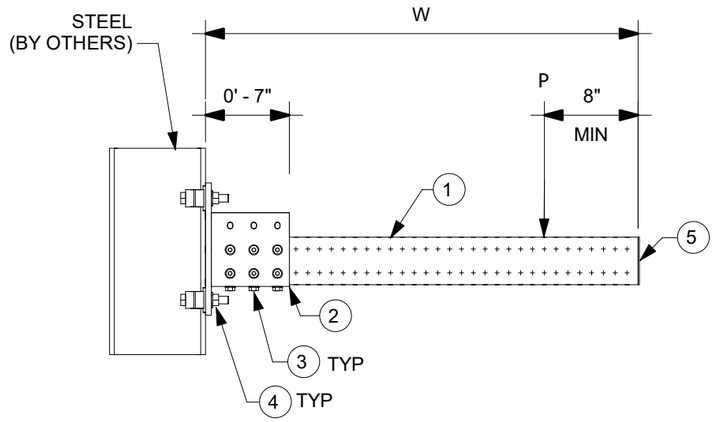
PROJECT	JOB	SHEET
	- CT8C1 -	1

BIM 360://PMO-HNA-ISB Projects/CT8C1.rvt

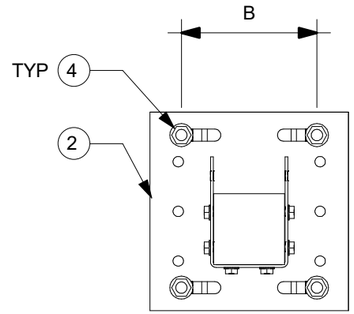
MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	1
2	VARIES	MT-B-GXL S+ OC (SEE TABLE)	1
3	2272084	MT-TFB OC	18
4	387398	MI-SGC M16	4
5	2273699	MT-EC-90	1







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



1 ISOMETRIC
N.T.S.

2 ELEVATION
N.T.S.

3 BASEPLATE DETAIL
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 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 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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

TABLE A			
	Max W, in	36	48
ALLOWABLE LOADS, lbs	Vertical (P)	1100	800
	Transverse	330	240
	Longitudinal	330	240

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
CANTILEVER MT90 S 001

PROJECT DESCRIPTION:
CANTILEVER MT90 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

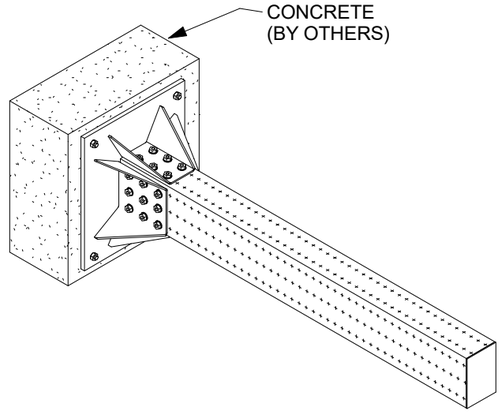
PAPER SIZE: ANSI B

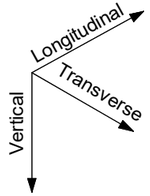
PROJECT NUMBER:

PROJECT	JOB	SHEET
-	CT9S1 -	1

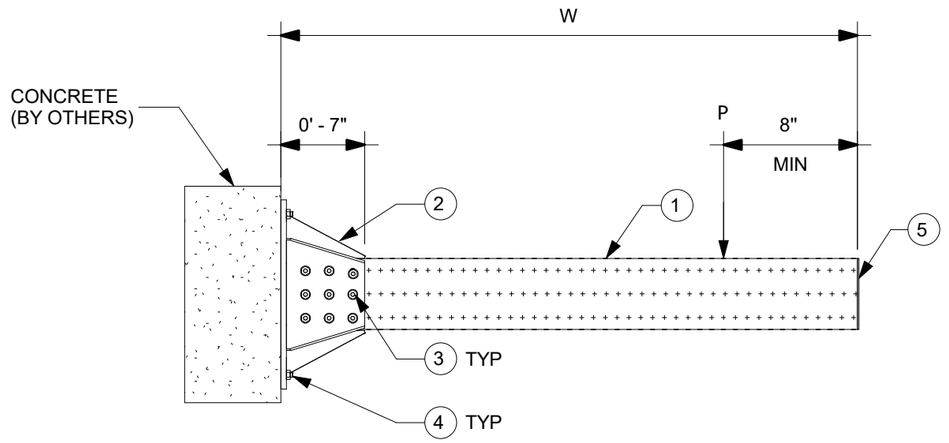
BIM 360://PMO-HNA-ISB Projects/CT9S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268491	MT-100 OC	1
2	2272104	MT-B-GXL-O4 OC	1
3	2272084	MT-TFB OC	30
4	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	4
5	2273700	MT-EC-100	1





1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.

NOTE(S):

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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.

TABLE A			
	Max W, in	36	48
ALLOWABLE LOADS, lbs	Vertical (P)	2700	1900
	Transverse	810	570
	Longitudinal	810	570

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/21/2022

PROJECT NAME:
CANTILEVER MT100 C 001

PROJECT DESCRIPTION:
CANTILEVER MT100 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

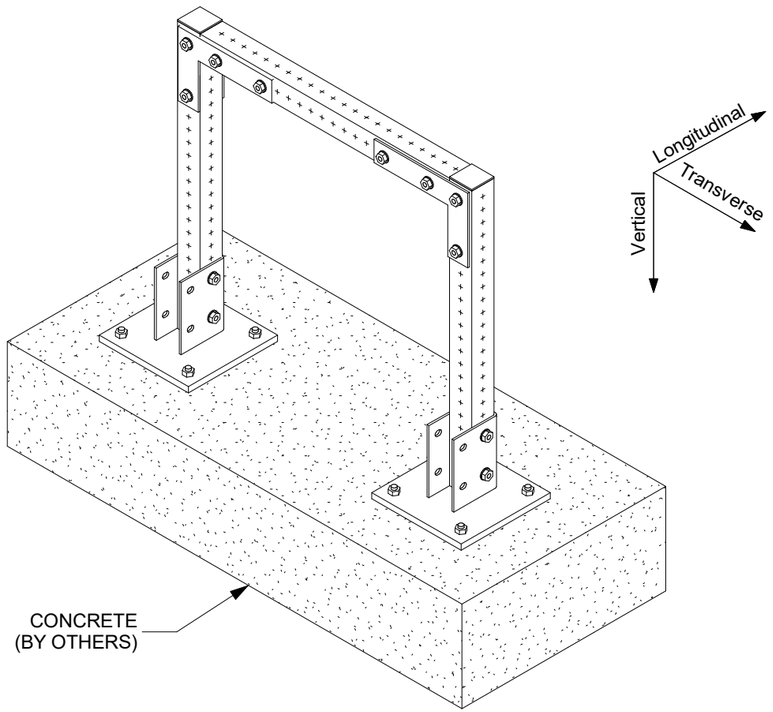
PAPER SIZE: ANSI B

PROJECT NUMBER:

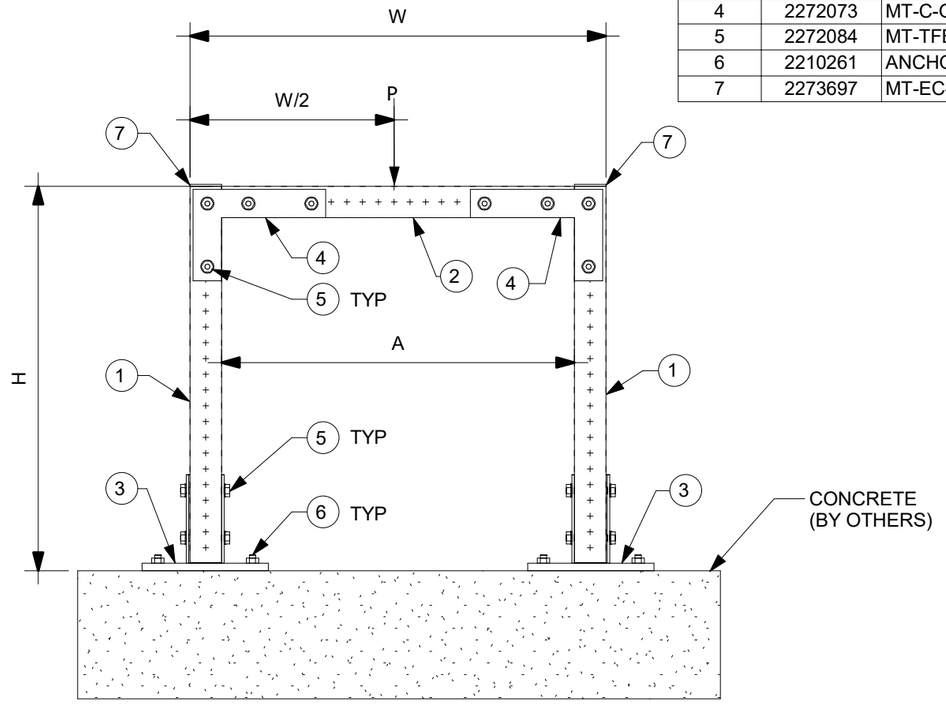
PROJECT	JOB	SHEET
	- CT1C1 -	1

BIM 360://PMO-HNA-ISB Projects/CT1C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	28
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273697	MT-EC-70	2



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	950	620
	Transverse	420	285	186
	Longitudinal	420	285	186

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

GOAL POST MT70 C 001

PROJECT DESCRIPTION:

GOAL POST MT70 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

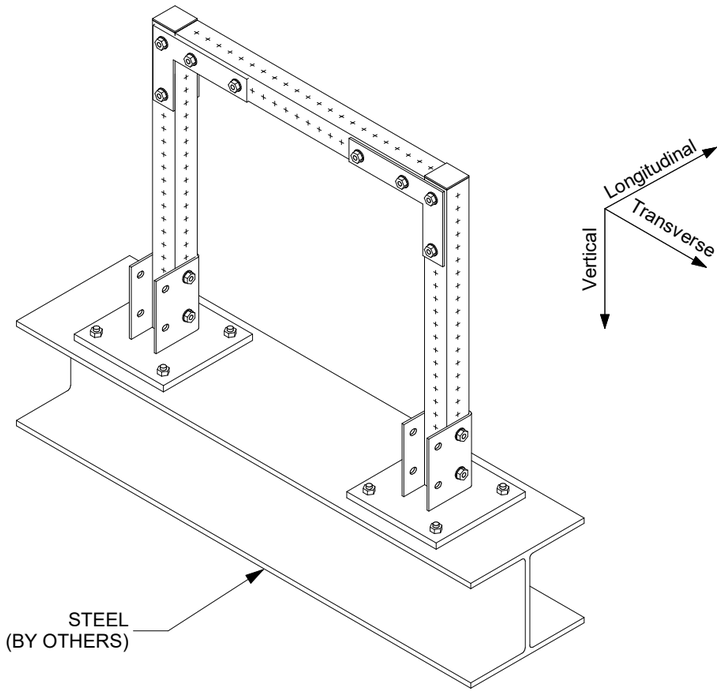
PAPER SIZE: ANSI B

PROJECT NUMBER:

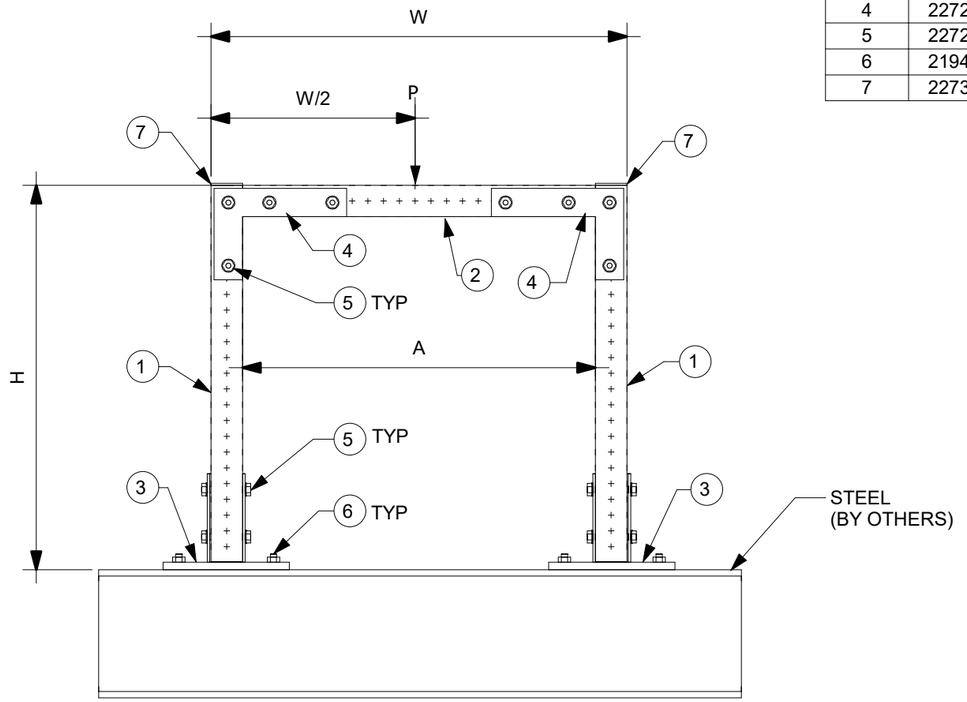
PROJECT	JOB	SHEET
-	GP7C1 -	1

BIM 360://PMO-HNA-ISB Projects/GP7C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	28
6	2194341	X-BT-MR W10/15 SN 8	8
7	2273697	MT-EC-70	2



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	950	620
	Transverse	420	285	186
	Longitudinal	420	285	186

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/14/2020
B	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	03/03/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
GOAL POST MT70 S 001

PROJECT DESCRIPTION:
GOAL POST MT70 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

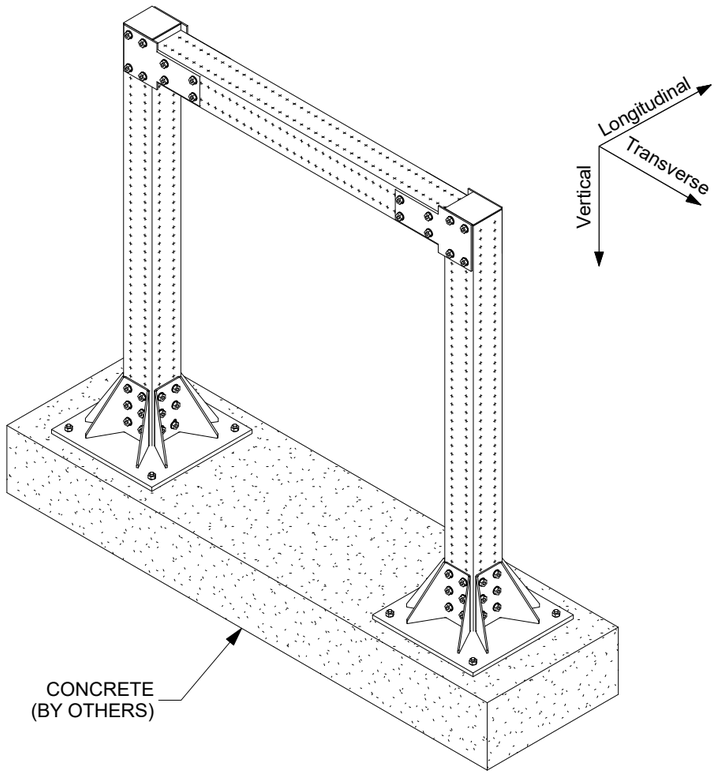
PAPER SIZE: ANSI B

PROJECT NUMBER:

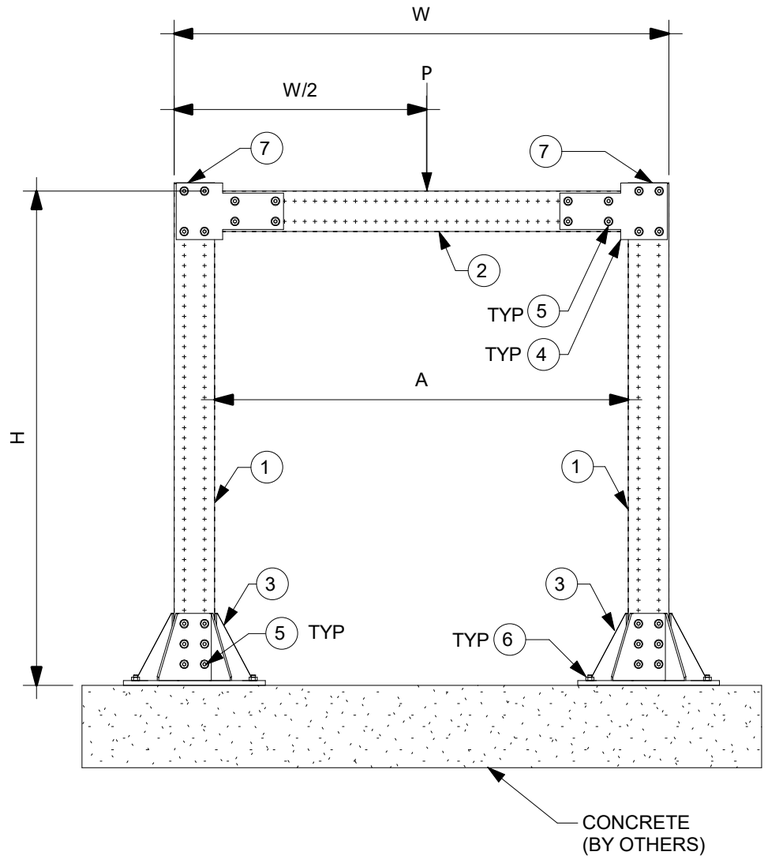
PROJECT	JOB	SHEET
	- GP7S1 -	1

BIM 360://PMO-HNA-ISB Projects/GP7S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	1
3	2272103	MT-B-GL-O4 OC	2
4	2272075	MT-C-GLP T OC	4
5	2272084	MT-TFB OC	80
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	8
7	2273699	MT-EC-90	2



1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.

NOTE(S):

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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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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. 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".

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.

TABLE A				
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	4400	3400	2600
	Transverse	1320	1020	780
	Longitudinal	1320	1020	780

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

GOAL POST MT90 C 001

PROJECT DESCRIPTION:

GOAL POST MT90 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

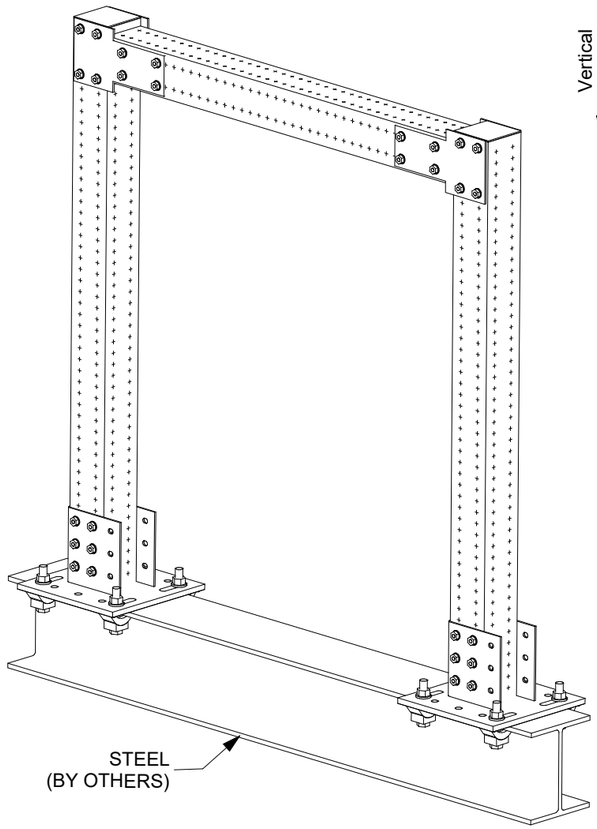
PROJECT NUMBER:

PROJECT	JOB	SHEET
	- GP9C1 -	1

BIM 360://PMO-HNA-ISB Projects/GP9C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	1
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2
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

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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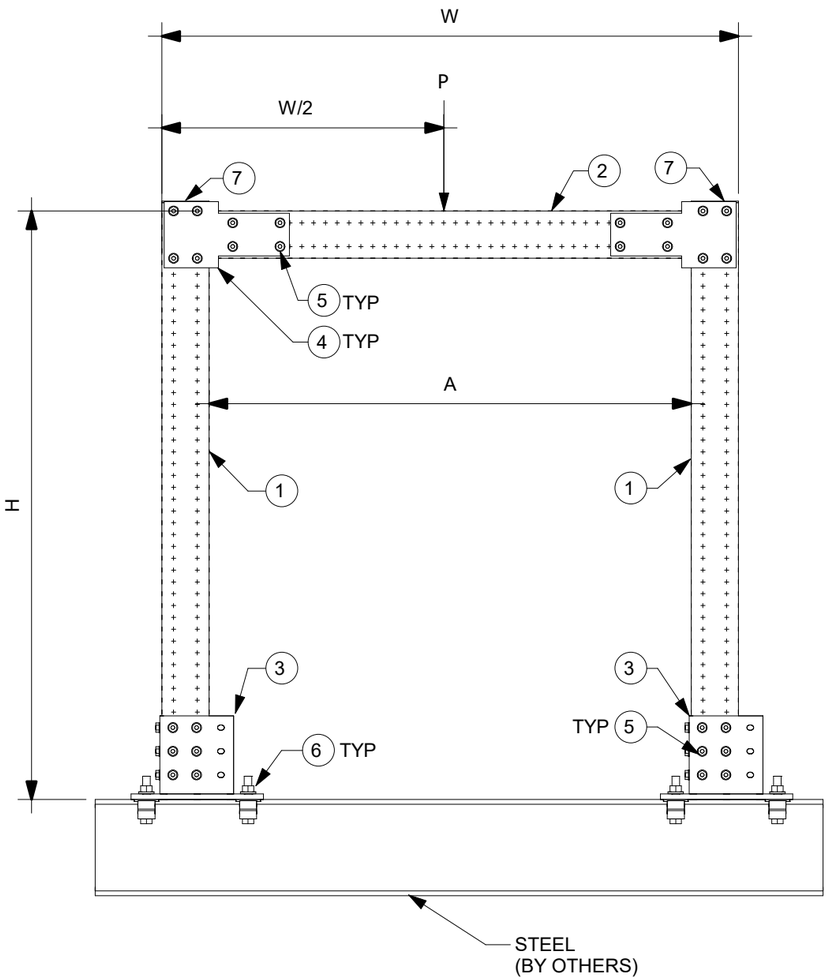
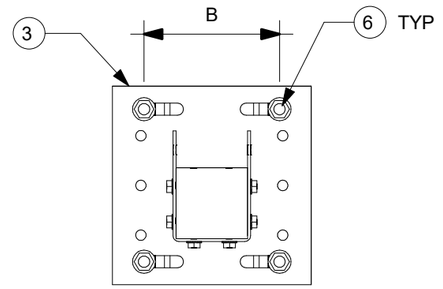
N.T.S.



2 ELEVATION
N.T.S.



3 BASEPLATE DETAIL
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 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 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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

TABLE A			
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	4400	3400	2600
	Transverse	1320	1020	780
	Longitudinal	1320	1020	780

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
GOAL POST MT90 S 001

PROJECT DESCRIPTION:
GOAL POST MT90 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

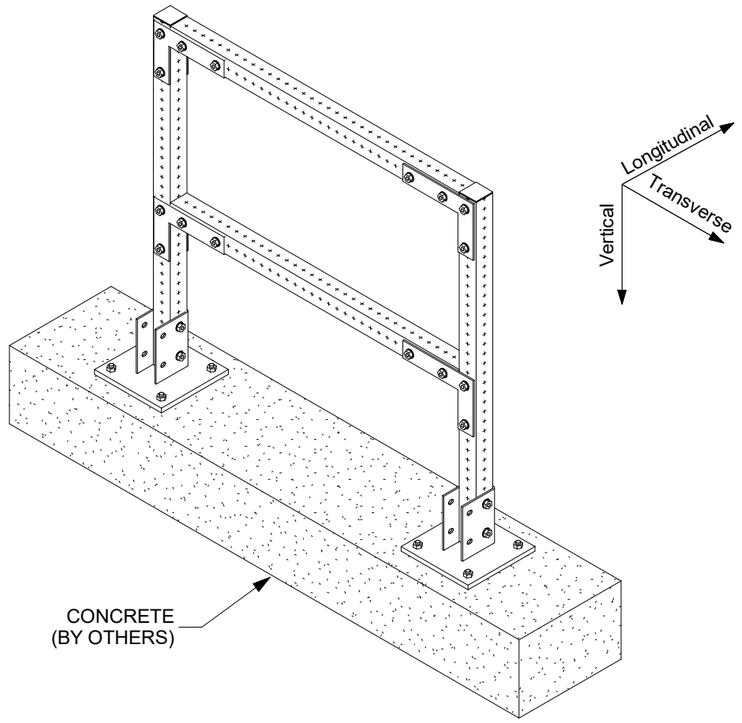
PAPER SIZE: ANSI B

PROJECT NUMBER:

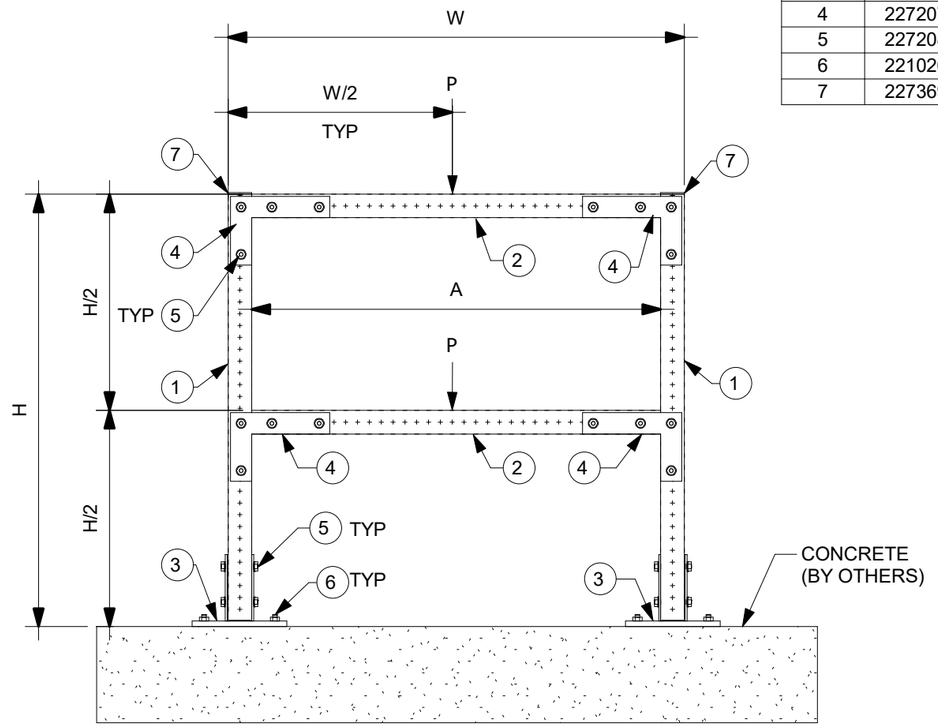
PROJECT	JOB	SHEET
-	GP9S1 -	1

BIM 360://PMO-HNA-ISB Projects/GP9S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	2
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	8
5	2272084	MT-TFB OC	44
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273697	MT-EC-70	2



1 ISOMETRIC
N.T.S.



2 ELEVATION
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G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	850	475
	Transverse	420	255	143
	Longitudinal	420	255	143

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

GOAL POST MT70 C 002

PROJECT DESCRIPTION:

GOAL POST MT70 C 002

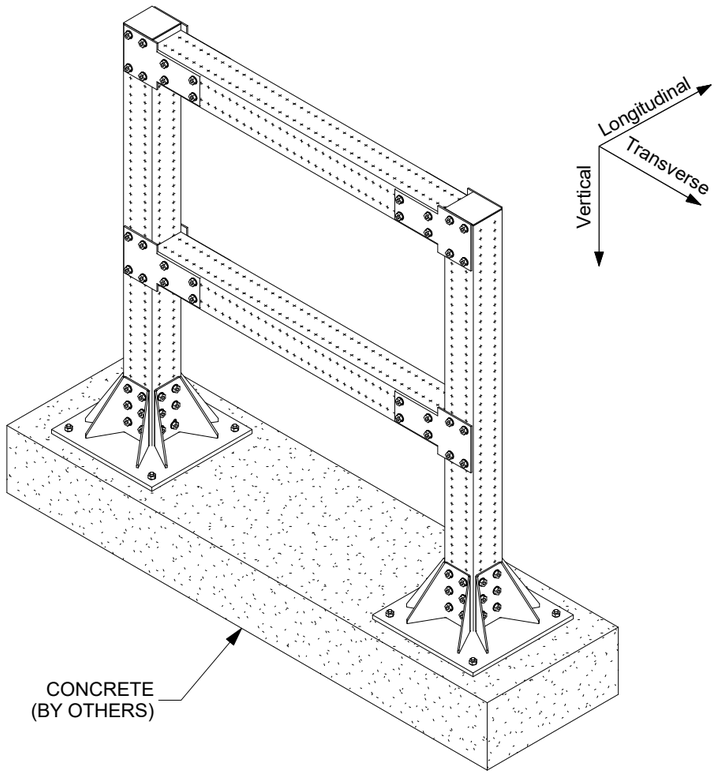
DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

PROJECT NUMBER: PROJECT - JOB GP7C2 - SHEET 1

BIM 360://PMO-HNA-ISB Projects/GP7C2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	2
3	2272103	MT-B-GL-O4 OC	2
4	2272075	MT-C-GLP T OC	8
5	2272084	MT-TFB OC	112
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	8
7	2273699	MT-EC-90	2



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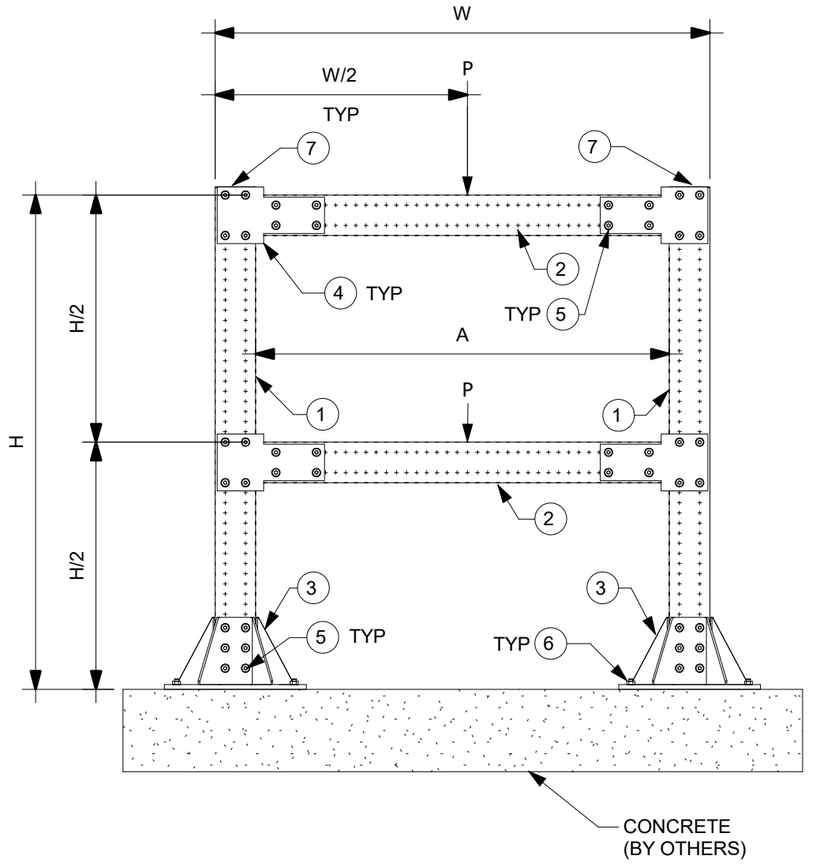
N.T.S.



2 ELEVATION
N.T.S.

NOTE(S):

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D. ALL LOADS ASSUMED TO ACT ON THE SUPPORT, NO ECCENTRICITY CONSIDERED

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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. 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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TABLE A				
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	3400	2800	2500
	Transverse	1020	840	750
	Longitudinal	1020	840	750

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
GOALPOST MT90 C 002

PROJECT DESCRIPTION:
GOALPOST MT90 C 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

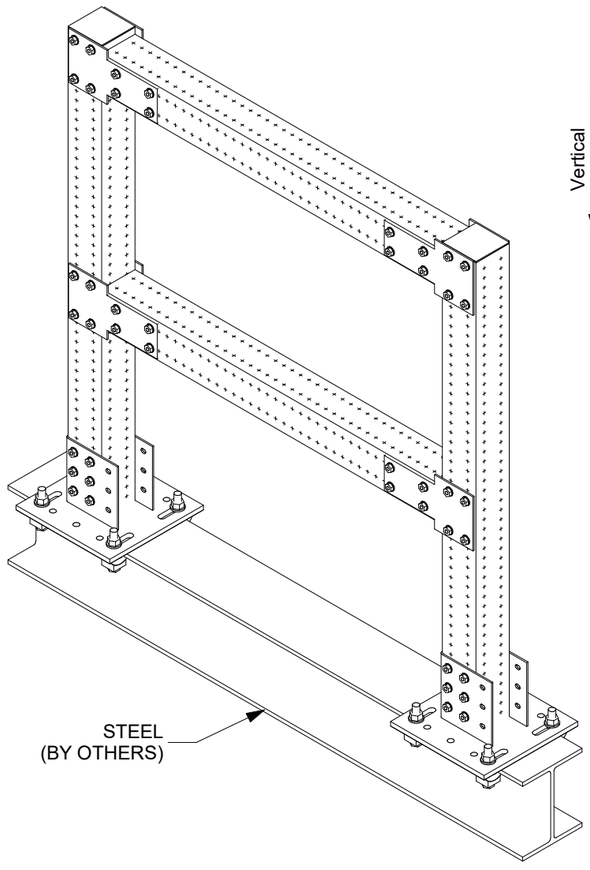
PROJECT NUMBER:

PROJECT	JOB	SHEET
	- GP9C2 -	1

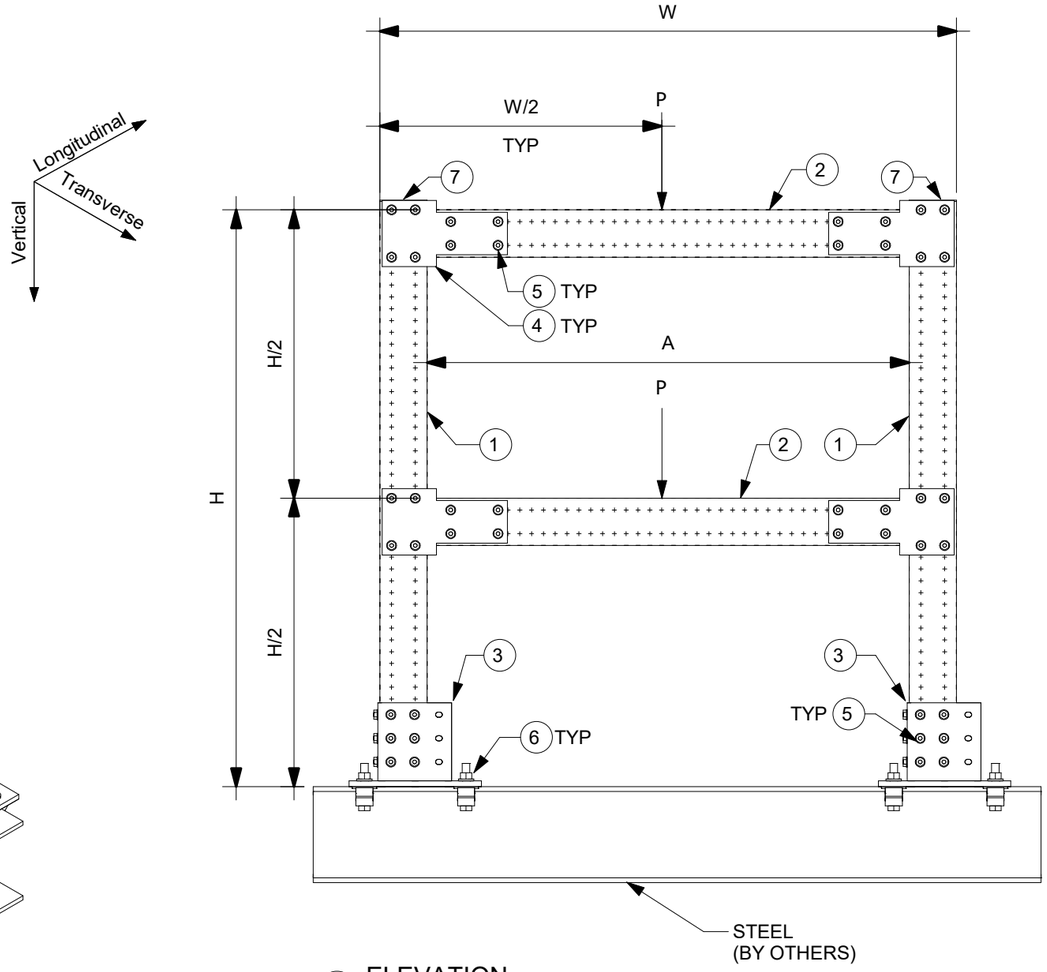
BIM 360://PMO-HNA-ISB Projects/GP9C2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	2
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2
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

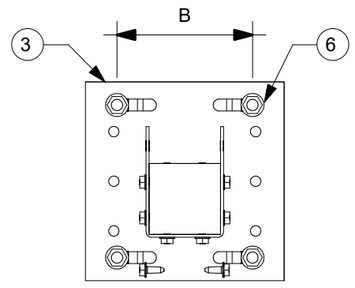
MT-B-GXL S+ OC		
+	'B' Width	Item No.
1	2.9 to 6.5	2272106
2	6.5 to 9.2	2272107
3	9.2 to 11.8	2272108



1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.



3 BASEPLATE DETAIL
N.T.S.

NOTE(S):

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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.

TABLE A				
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	2900	2200	1800
	Transverse	870	660	540
	Longitudinal	870	660	540

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
GOAL POST MT90 S 002

PROJECT DESCRIPTION:
GOAL POST MT90 S 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

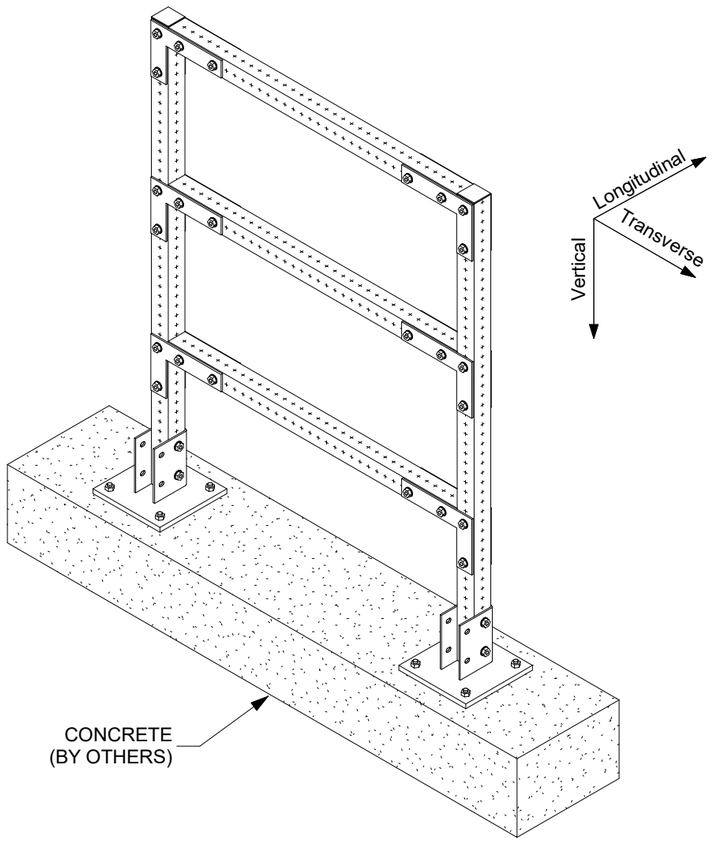
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	GP9S2 -	1

BIM 360://PMO-HNA-ISB Projects/GP9S2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	3
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	12
5	2272084	MT-TFB OC	60
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273697	MT-EC-70	2



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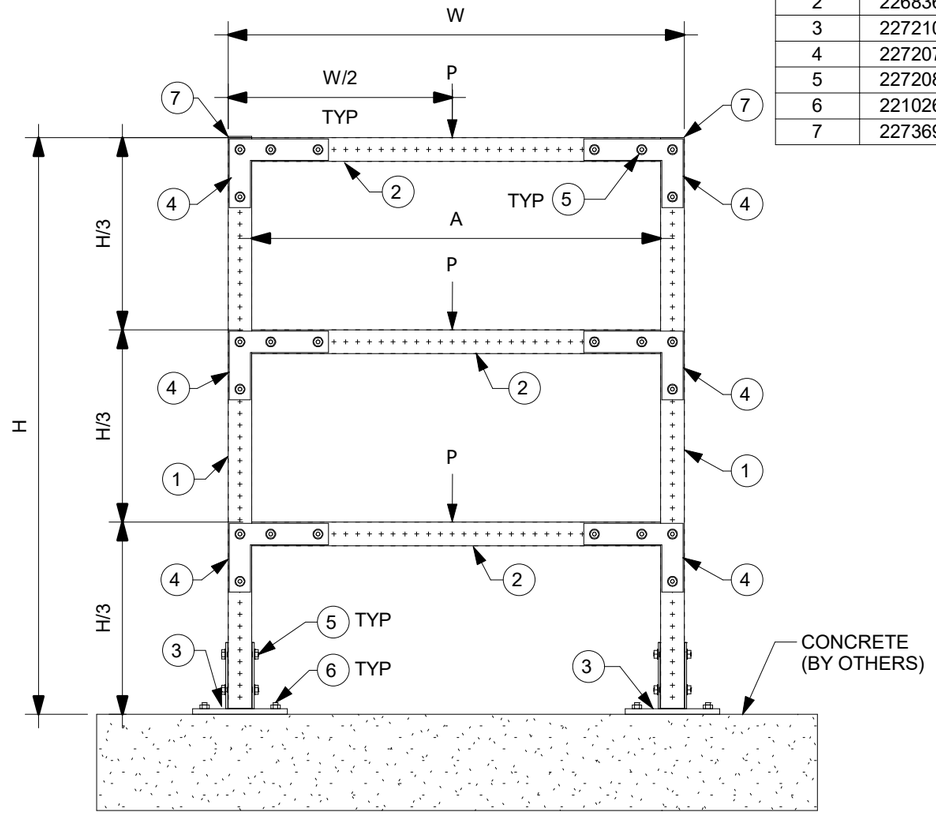


2 ELEVATION
N.T.S.

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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1200	675	375
	Transverse	360	203	113
	Longitudinal	360	203	113

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
GOAL POST MT70 C 003

PROJECT DESCRIPTION:
GOAL POST MT70 C 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

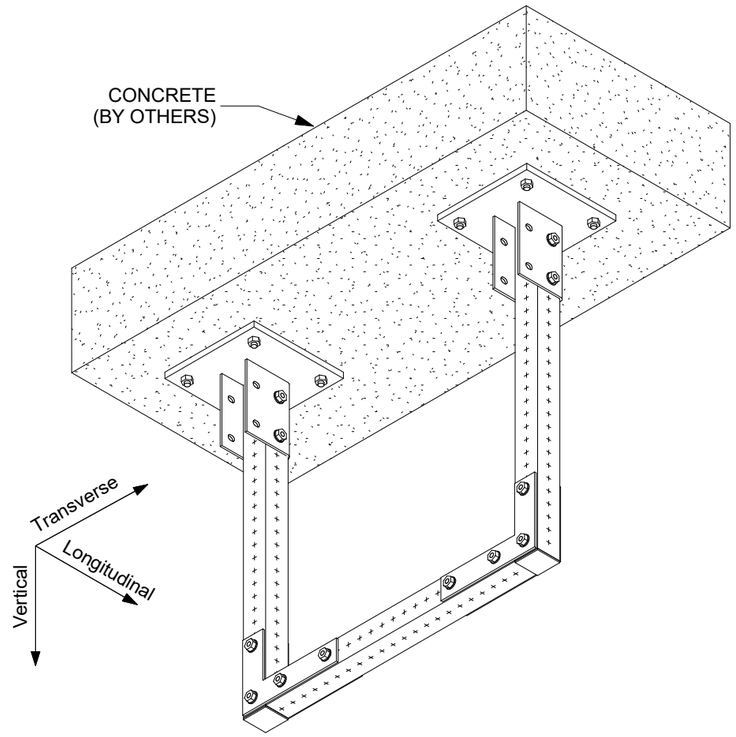
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- GP7C3 -	1

BIM 360://PMO-HNA-ISB Projects/GP7C3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	28
6	2273697	MT-EC-70	2
7	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8



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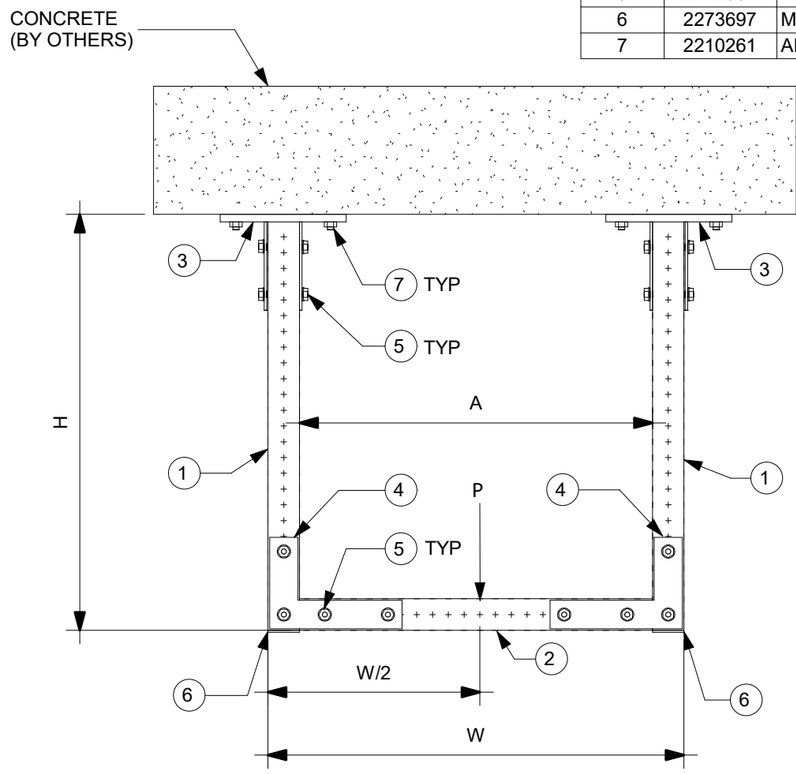


2 ELEVATION
N.T.S.

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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	925	625
	Transverse	420	277	187
	Longitudinal	420	277	187

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT70 C 002

PROJECT DESCRIPTION:
TRAPEZE MT70 C 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

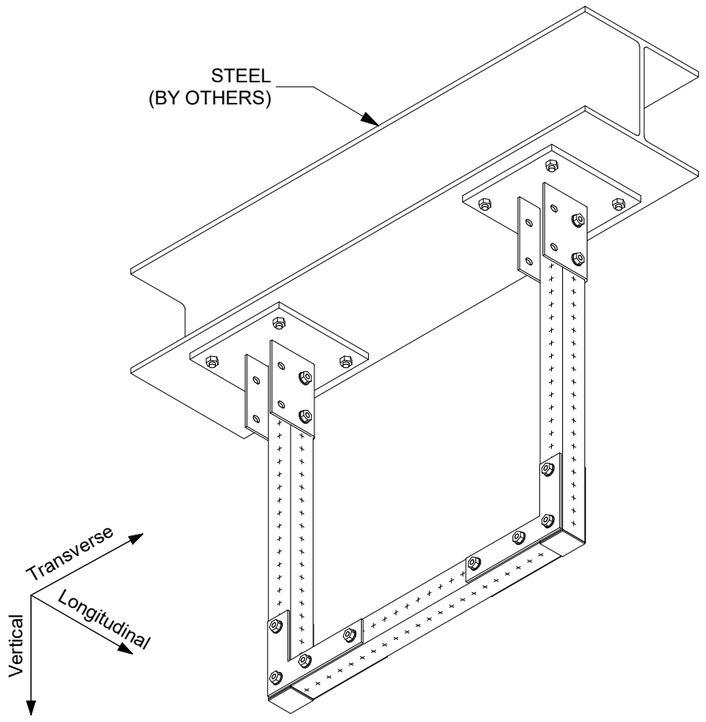
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	TR7C2 -	1

BIM 360://PMO-HNA-ISB Projects/TR7C2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	28
6	2273697	MT-EC-70	2
7	2194341	X-BT-MR W10/15 SN 8	8



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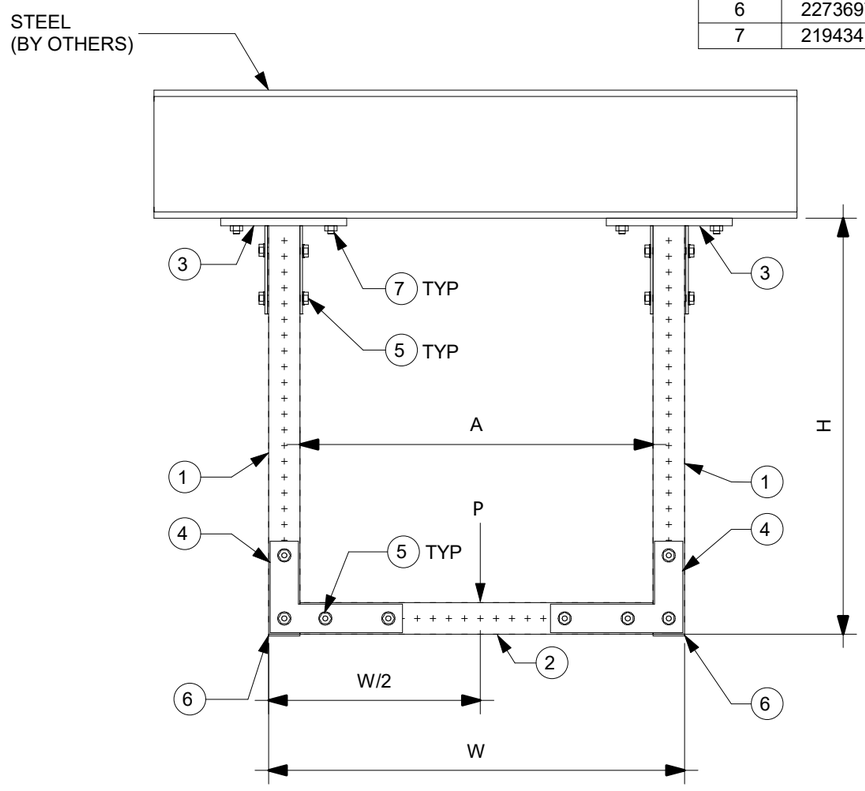
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	925	625
	Transverse	420	277	187
	Longitudinal	420	277	187

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/14/2020
B	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	03/03/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
TRAPEZE MT70 S 002

PROJECT DESCRIPTION:
TRAPEZE MT70 S 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

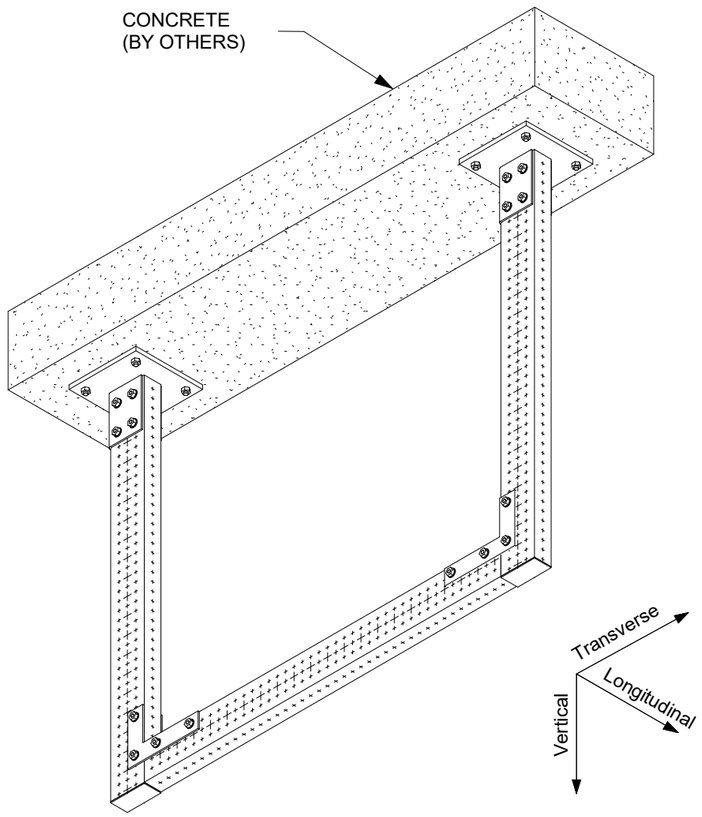
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR7S2 -	1

BIM 360://PMO-HNA-ISB Projects/TR7S2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	2
2	2268367	MT-80 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	36
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273698	MT-EC-80	2



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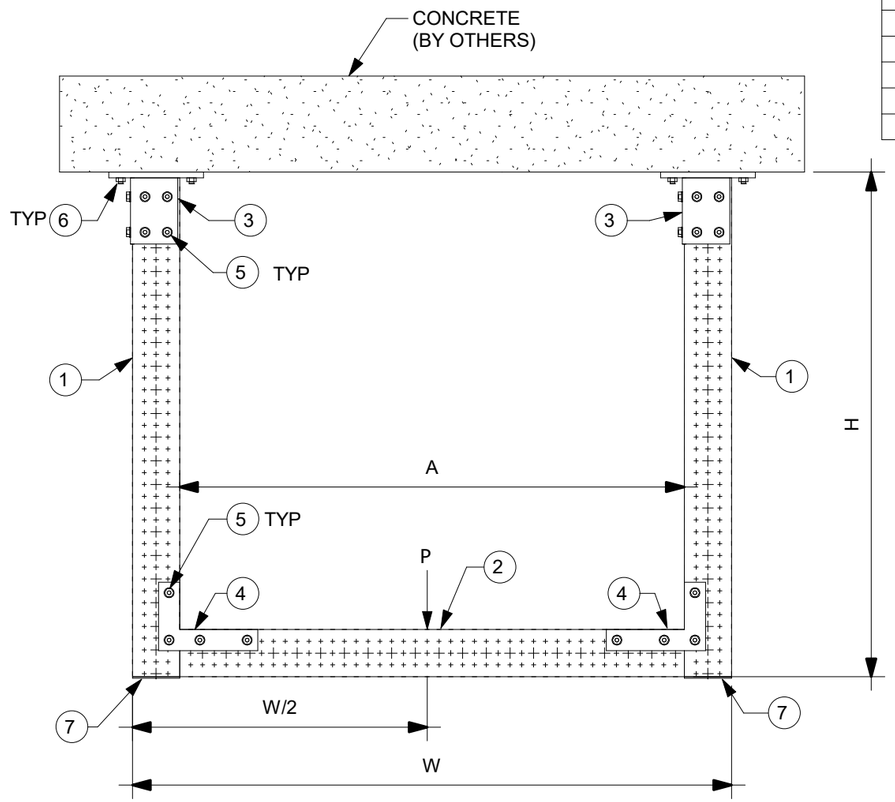
N.T.S.



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 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 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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	16-1/8	28-1/8	40-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	2300	1600	950
	Transverse	690	480	285
	Longitudinal	690	480	285

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

TRAPEZE MT80 C 001

PROJECT DESCRIPTION:

TRAPEZE MT80 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

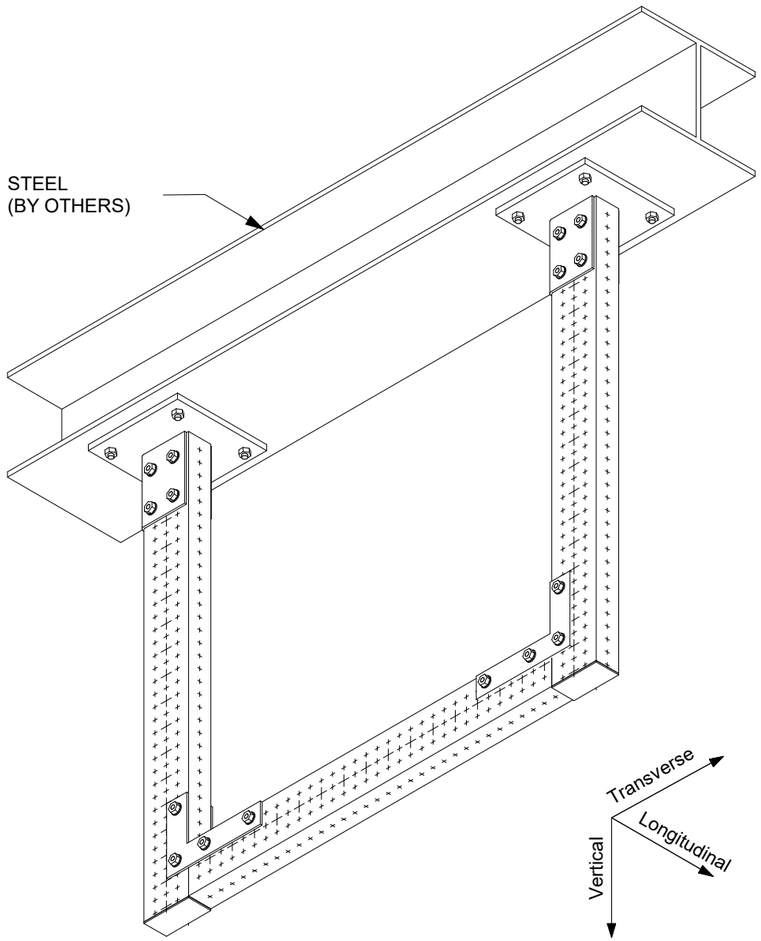
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	TR8C1 -	1

BIM 360://PMO-HNA-ISB Projects/TR8C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	2
2	2268367	MT-80 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	4
5	2272084	MT-TFB OC	36
6	2194341	X-BT-MR W10/15 SN 8	8
7	2273698	MT-EC-80	2



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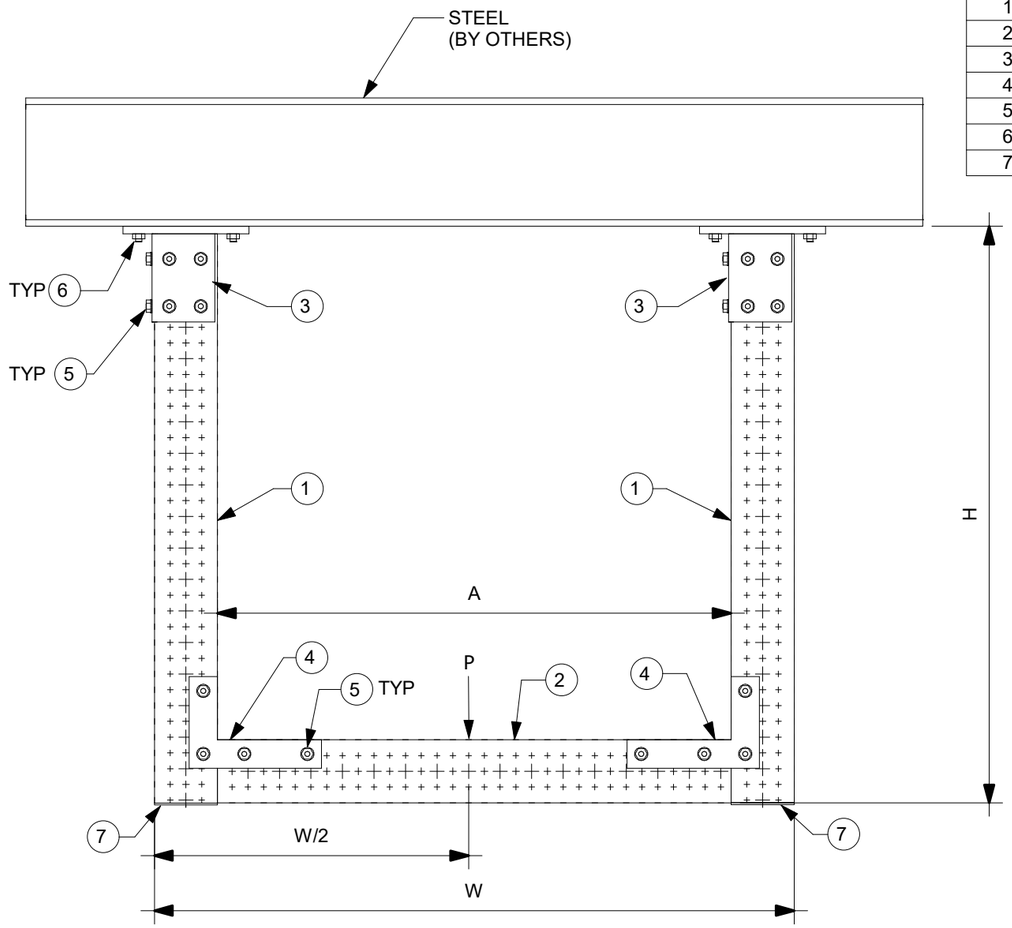
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1660	1200	950
	Transverse	495	360	285
	Longitudinal	495	360	285

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	10/09/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
TRAPEZE MT80 S 001

PROJECT DESCRIPTION:
TRAPEZE MT80 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	IDP	JDR	BVD

PAPER SIZE: ANSI B

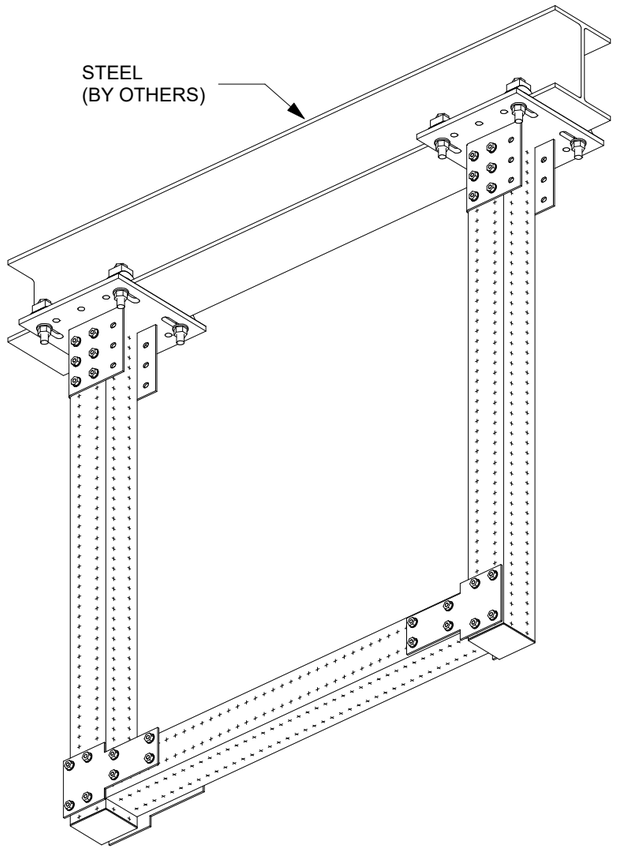
PROJECT NUMBER:

PROJECT	JOB	SHEET
-	TR8S1 -	1

BIM 360://PMO-HNA-ISB Projects/TR8S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	1
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2
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

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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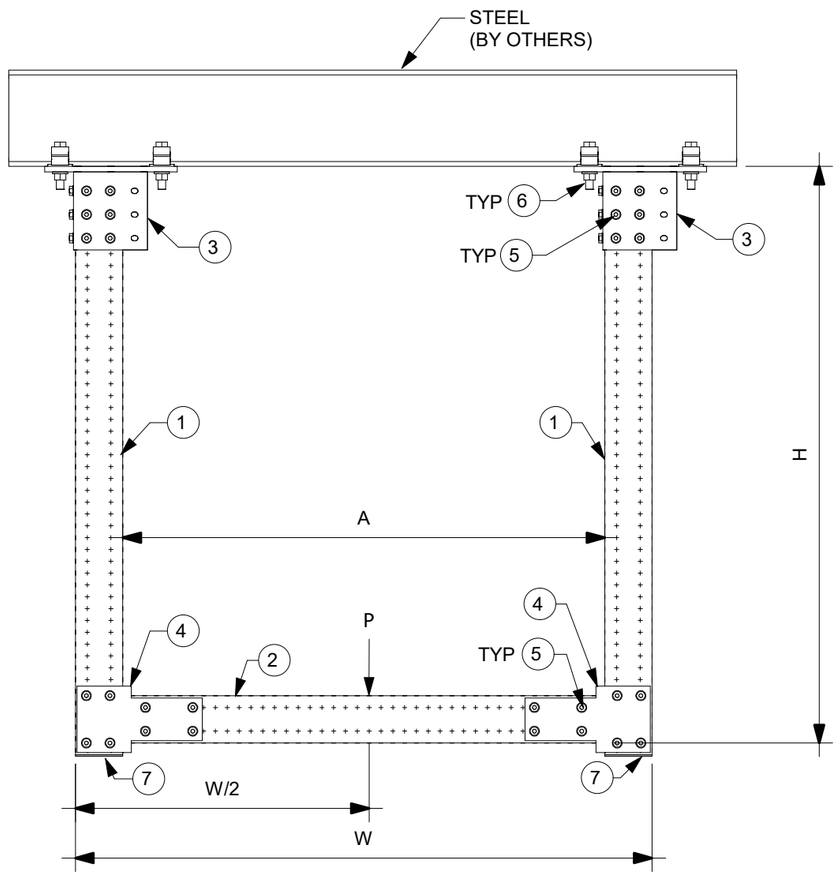
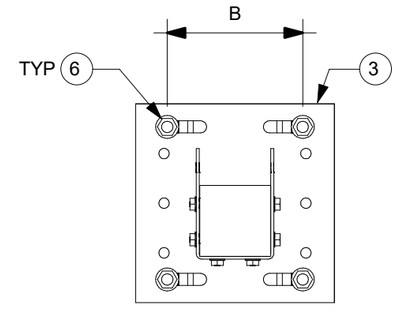
N.T.S.



2 ELEVATION
N.T.S.



3 BASEPLATE DETAIL
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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

TABLE A				
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	3000	2500	2200
	Transverse	900	750	660
	Longitudinal	900	750	660

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
TRAPEZE MT90 S 002

PROJECT DESCRIPTION:
TRAPEZE MT90 S 002

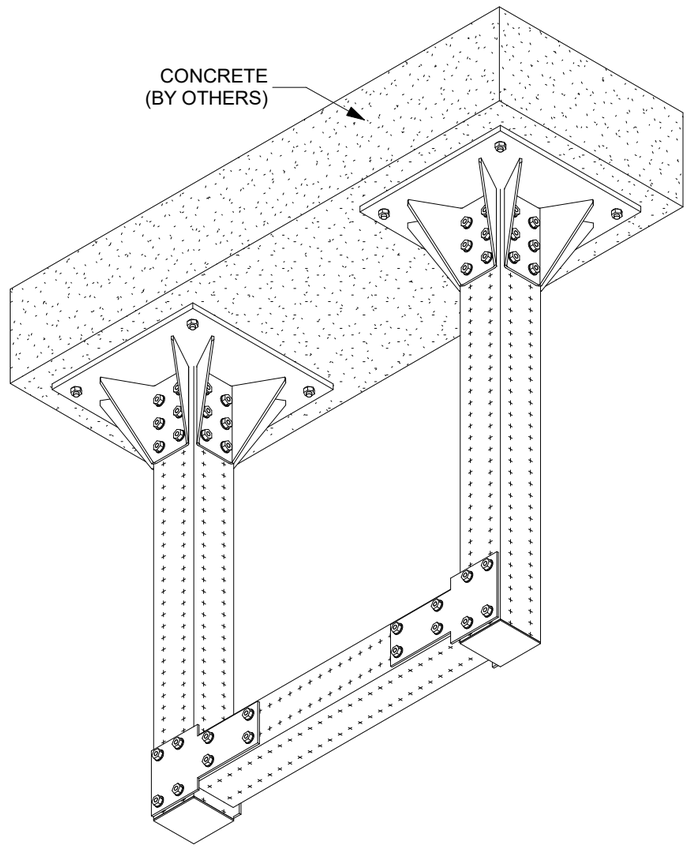
DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

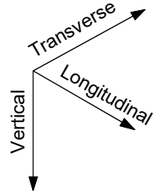
PROJECT NUMBER:

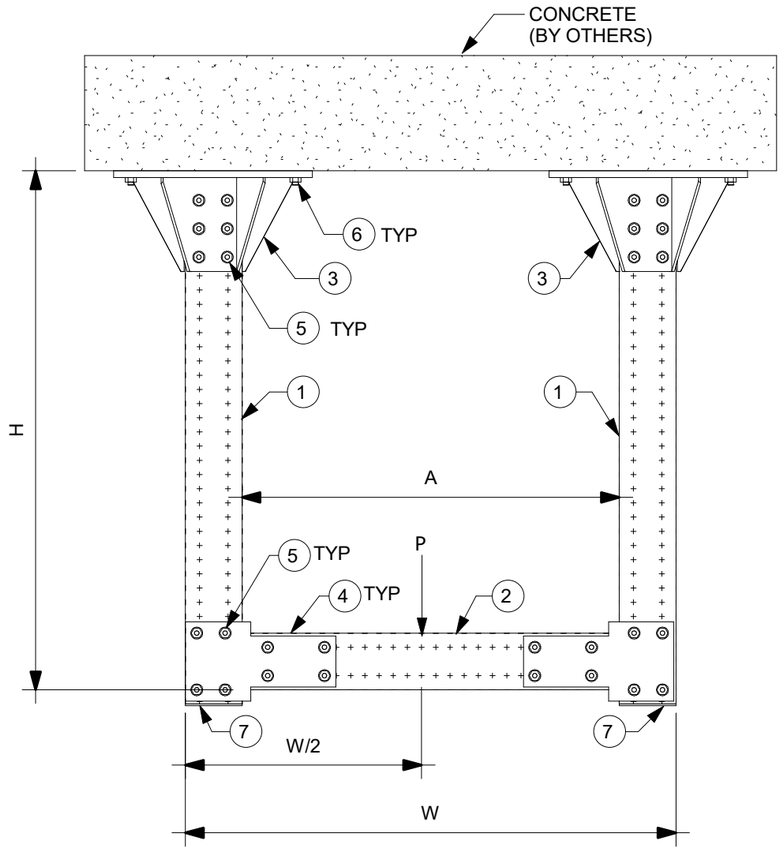
PROJECT	JOB	SHEET
-	TR9S2 -	1

BIM 360://PMO-HNA-ISB Projects/TR9S2.rvt



1 ISOMETRIC
N.T.S.





2 ELEVATION
N.T.S.

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	1
3	2272103	MT-B-GL-O4 OC	2
4	2272075	MT-C-GLP T OC	4
5	2272084	MT-TFB OC	80
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	8
7	2273699	MT-EC-90	2

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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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

G. 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".

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

TABLE A				
	Max H, in	36	48	60
	Max W, in	36	48	60
	Max A, in	28-1/8	40-1/8	52-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	3000	2500	2200
	Transverse	900	750	660
	Longitudinal	900	750	660

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT90 C 002

PROJECT DESCRIPTION:
TRAPEZE MT90 C 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

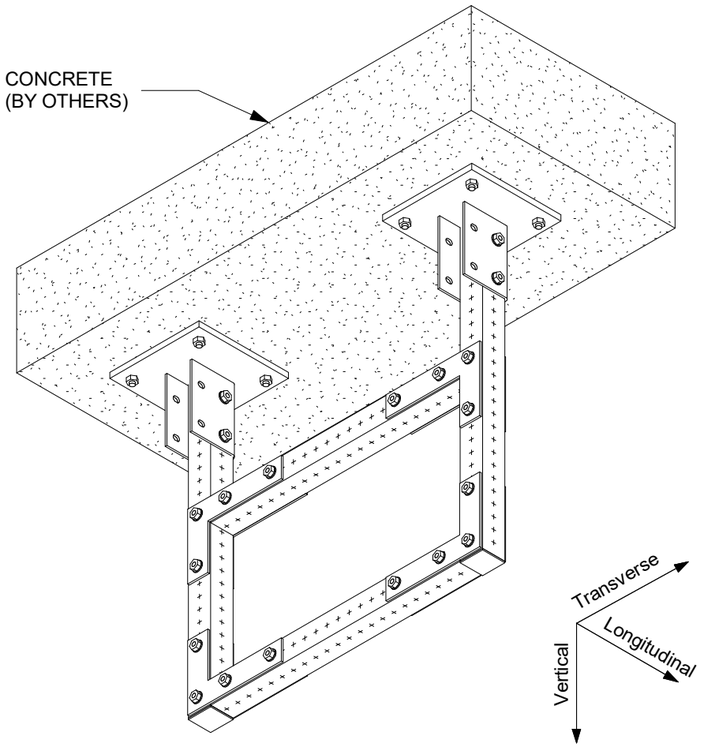
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR9C2 -	1

BIM 360://PMO-HNA-ISB Projects/TR9C2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	2
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	8
5	2272084	MT-TFB OC	44
6	2273697	MT-EC-70	2
7	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8



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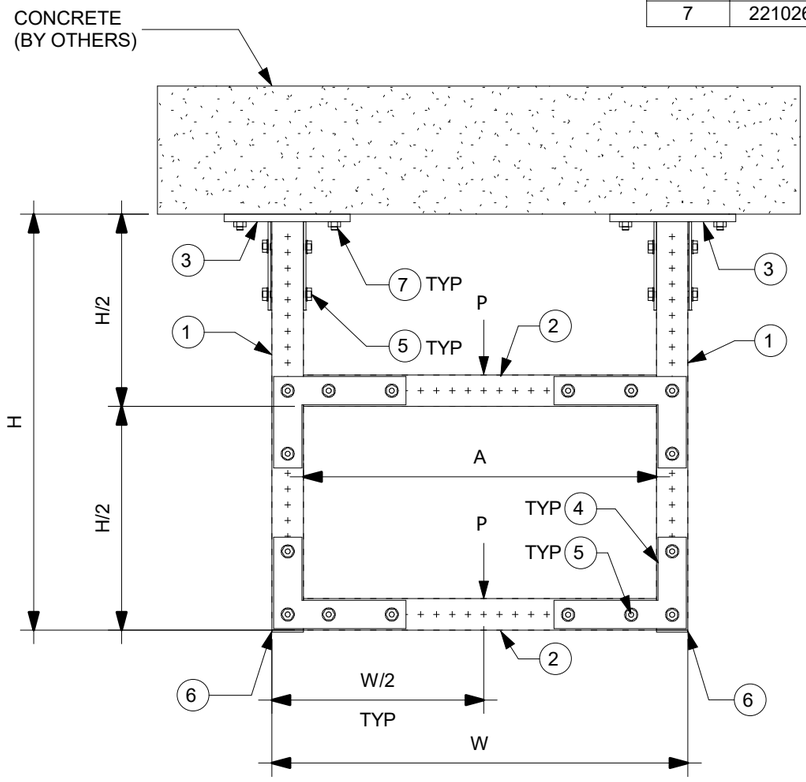
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1400	850	475
	Transverse	420	255	142
	Longitudinal	420	255	142

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT70 C 003

PROJECT DESCRIPTION:
TRAPEZE MT70 C 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	GAB	JDR	BVD

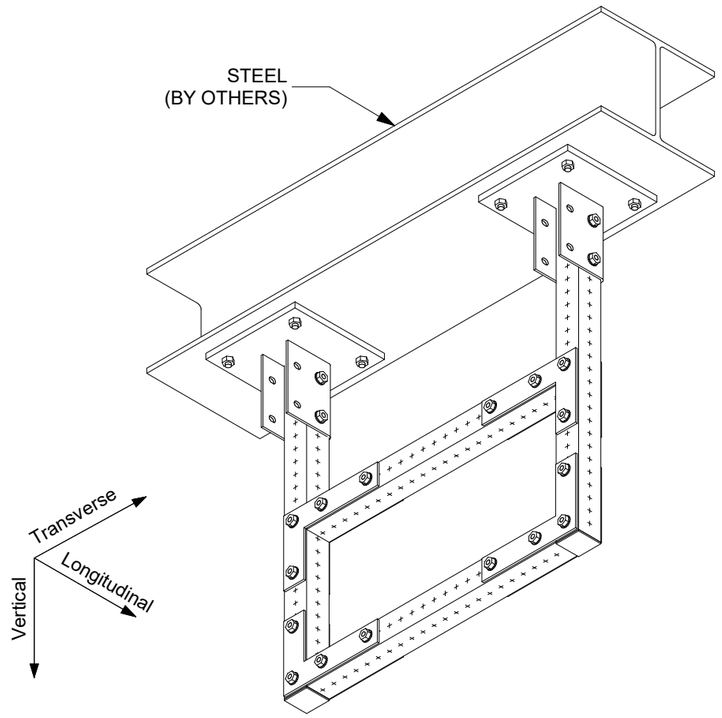
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR7C3 -	1

BIM 360://PMO-HNA-ISB Projects/TR7C3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	2
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	8
5	2272084	MT-TFB OC	44
6	2273697	MT-EC-70	2
7	2194341	X-BT-MR W10/15 SN 8	8



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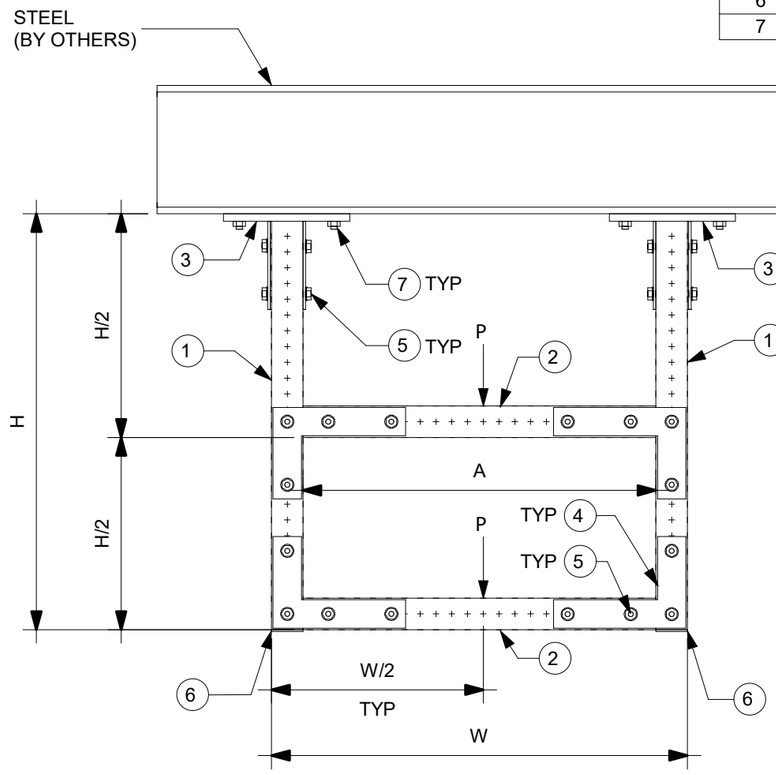
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	825	650	475
	Transverse	248	195	142
	Longitudinal	248	195	142

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	08/19/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
TRAPEZE MT70 S 003

PROJECT DESCRIPTION:
TRAPEZE MT70 S 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	GAB	JDR	BVD

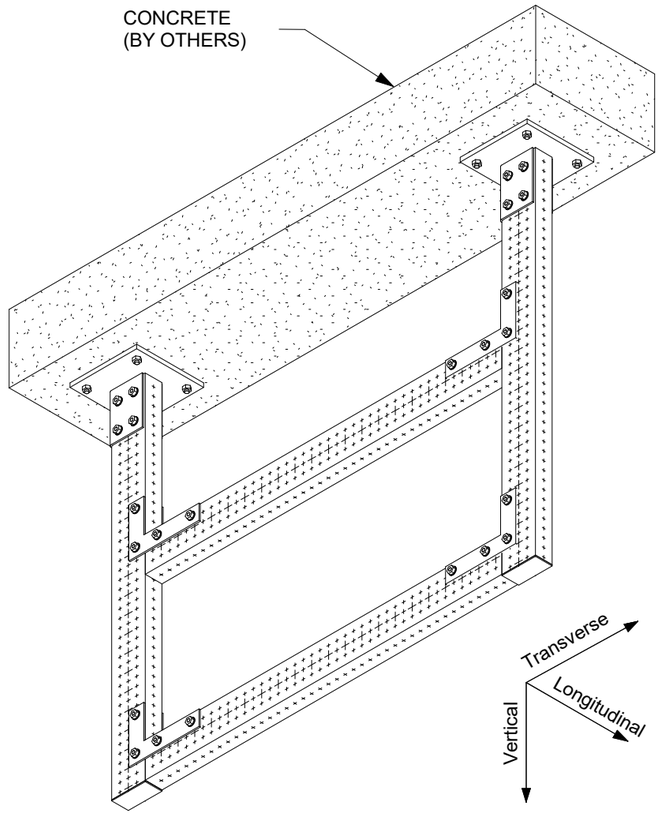
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR7S3 -	1

BIM 360://PMO-HNA-ISB Projects/TR7S3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	2
2	2268367	MT-80 OC	2
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	8
5	2272084	MT-TFB OC	52
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273698	MT-EC-80	2



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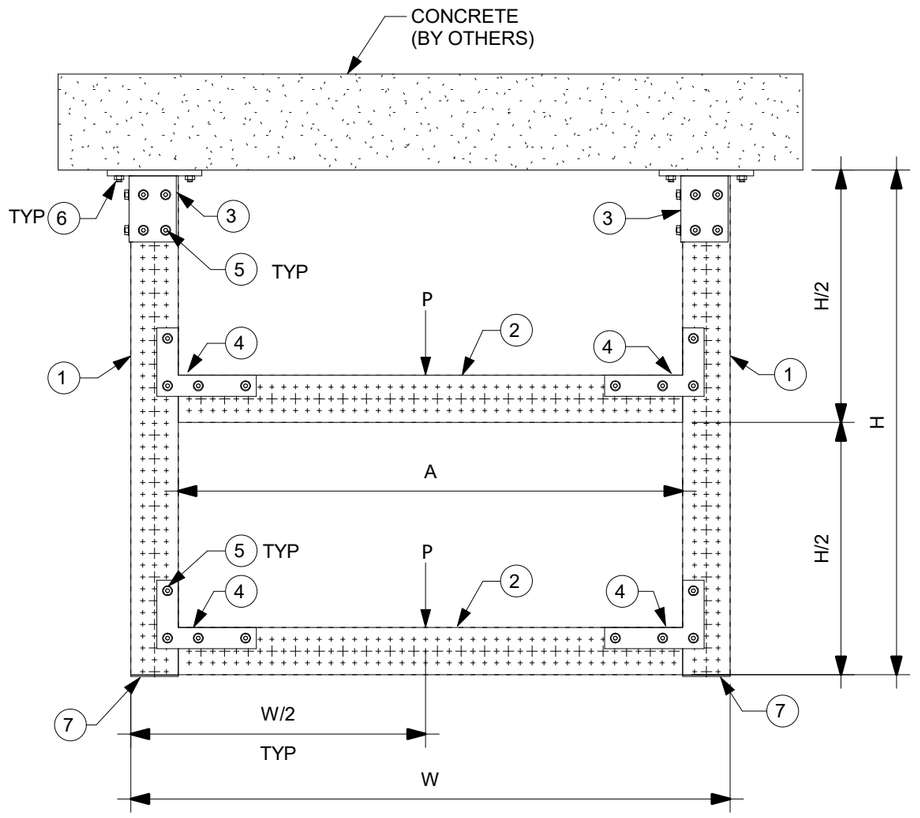

2 ELEVATION
N.T.S.

NOTE(S):

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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.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	16-1/8	28-1/8	40-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	2000	1300	750
	Transverse	600	390	225
	Longitudinal	600	390	225

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT80 C 002

PROJECT DESCRIPTION:
TRAPEZE MT80 C 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

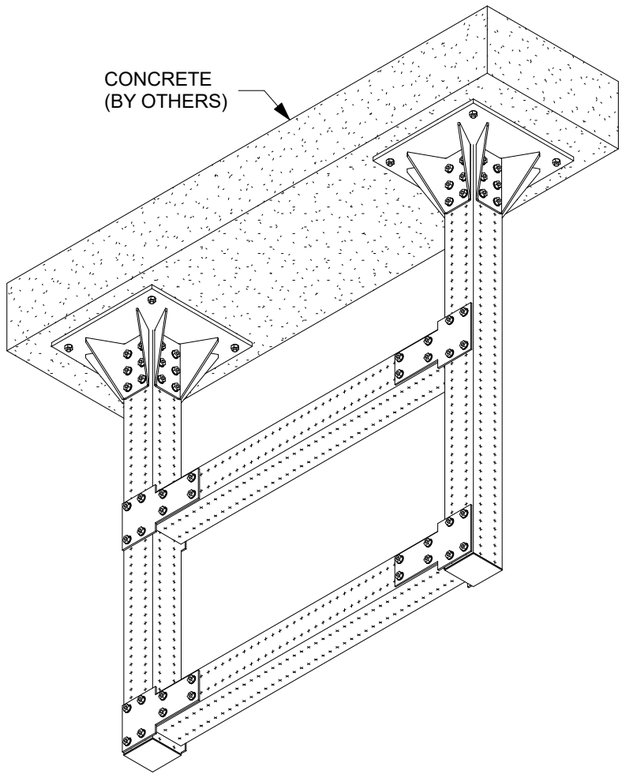
PAPER SIZE: ANSI B

PROJECT NUMBER:

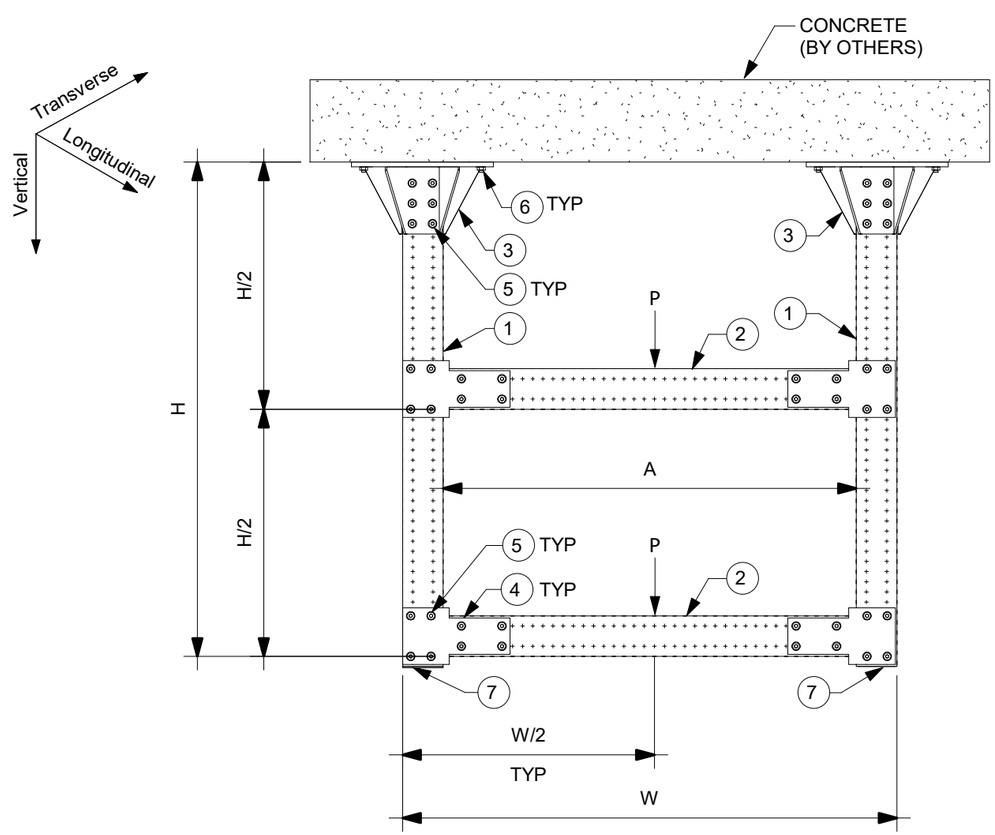
PROJECT	JOB	SHEET
-	TR8C2 -	1

BIM 360://PMO-HNA-ISB Projects/TR8C2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	2
3	2272103	MT-B-GL-O4 OC	2
4	2272075	MT-C-GLP T OC	8
5	2272084	MT-TFB OC	112
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	8
7	2273699	MT-EC-90	2



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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

G. 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".

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

TABLE A				
	Max H, in	60	72	84
	Max W, in	60	72	84
	Max A, in	52-1/8	64-1/8	76-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1800	1550	1400
	Transverse	540	465	420
	Longitudinal	540	465	420

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT90 C 003

PROJECT DESCRIPTION:
TRAPEZE MT90 C 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

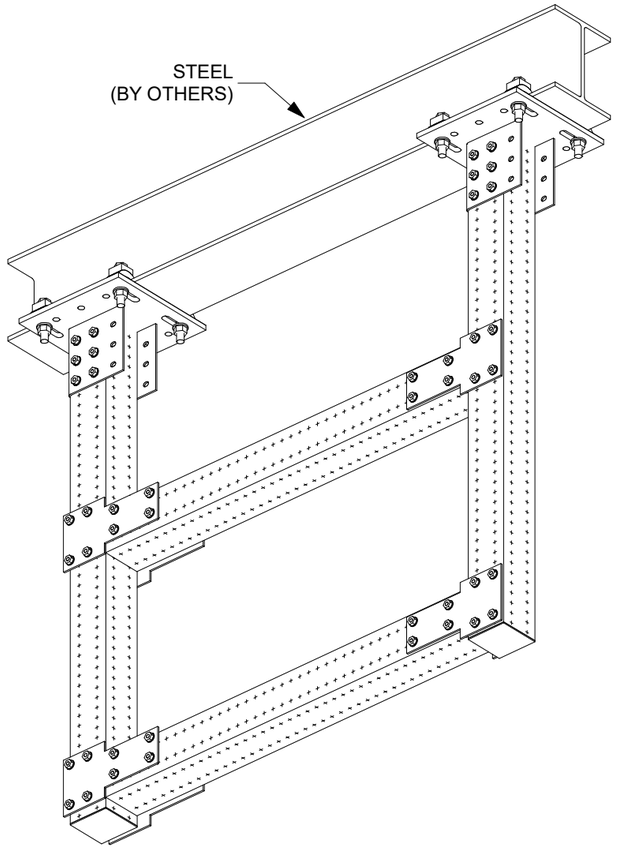
PROJECT NUMBER:

PROJECT	JOB	SHEET
-	TR9C3 -	1

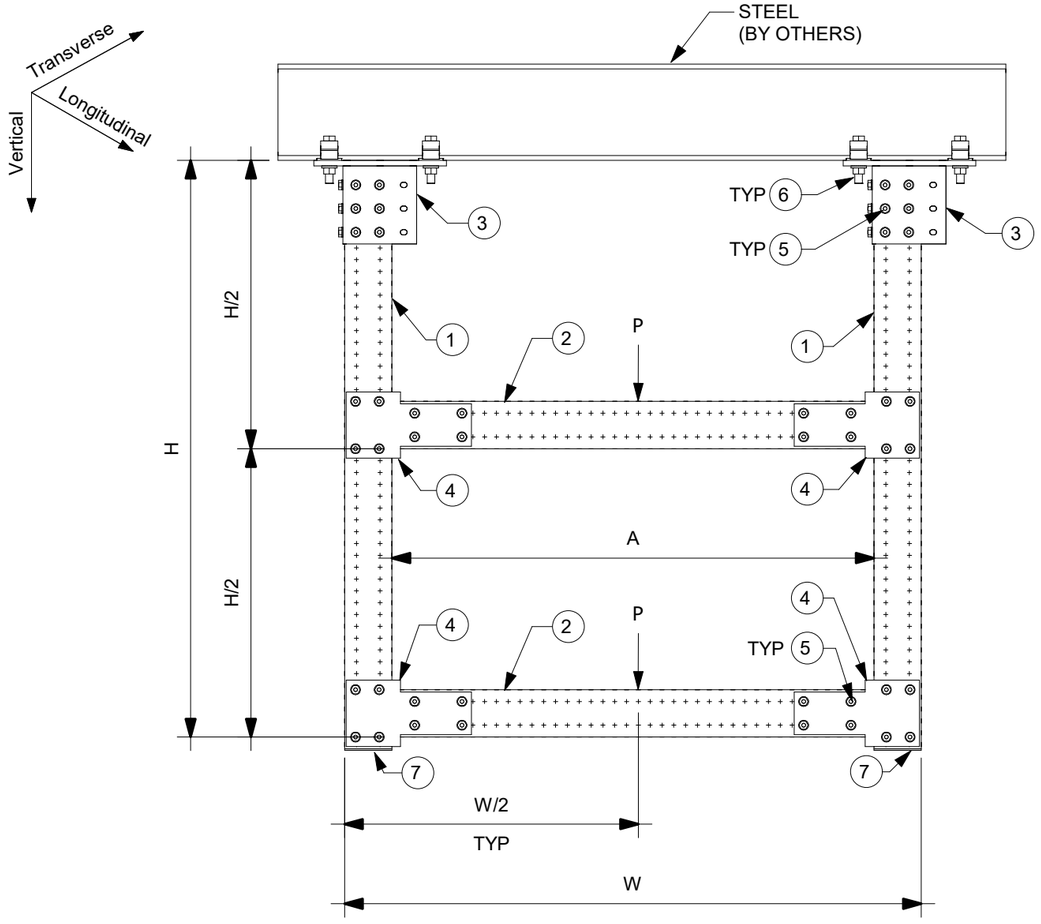
BIM 360://PMO-HNA-ISB Projects/TR9C3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	2
2	2268369	MT-90 OC	2
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2
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

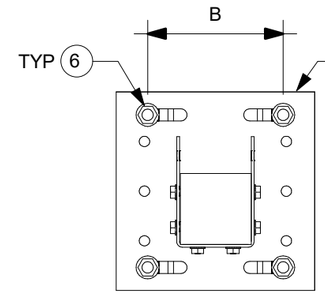
MT-B-GXL S+ OC		
+	'B' Width	Item No.
1	2.9 to 6.5	2272106
2	6.5 to 9.2	2272107
3	9.2 to 11.8	2272108



1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.



3 BASEPLATE DETAIL
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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

TABLE A				
	Max H, in	60	72	84
	Max W, in	60	72	84
	Max A, in	52-1/8	64-1/8	76-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1500	1300	1100
	Transverse	450	390	330
	Longitudinal	450	390	330

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.

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:

TRAPEZE MT90 S 003

PROJECT DESCRIPTION:

TRAPEZE MT90 S 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

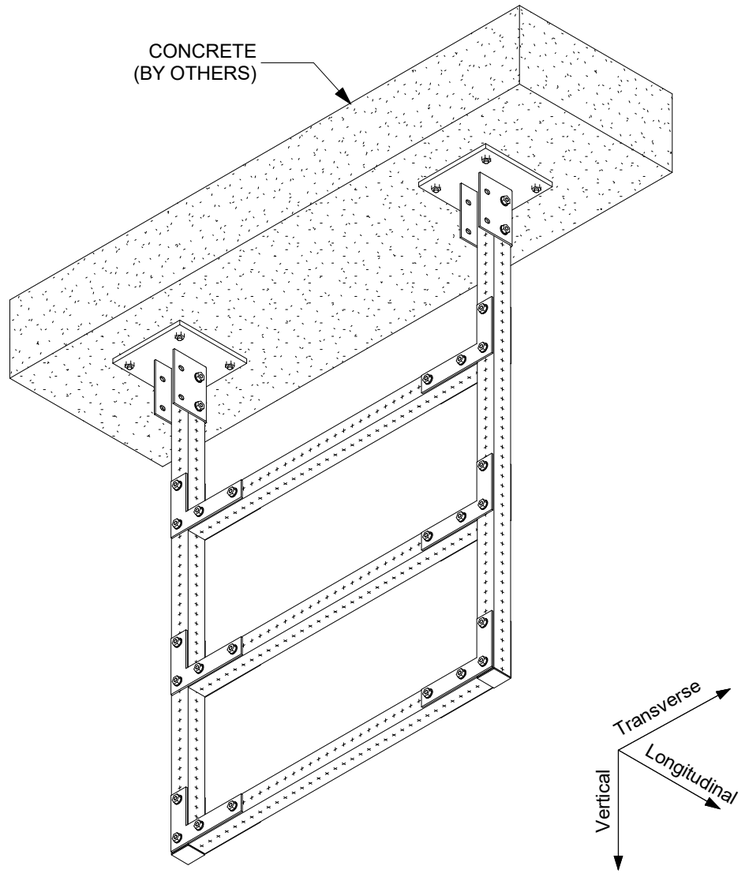
PAPER SIZE: ANSI B

PROJECT NUMBER:

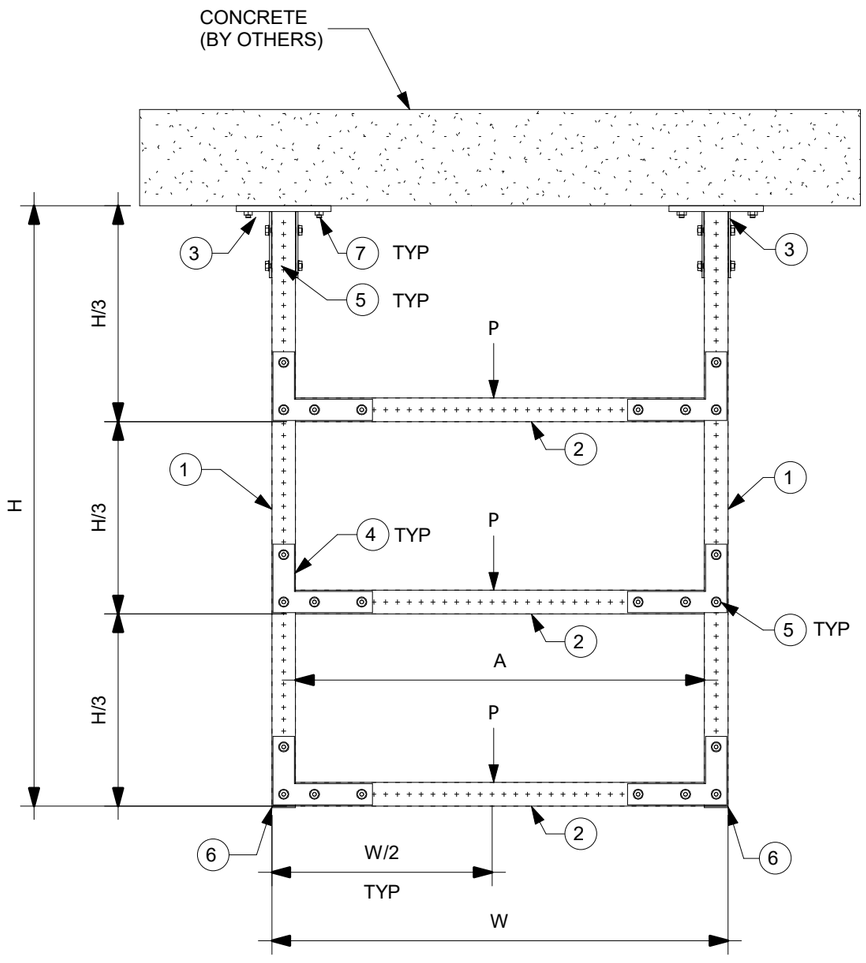
PROJECT	JOB	SHEET
-	TR9S3 -	1

BIM 360://PMO-HNA-ISB Projects/TR9S3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	3
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	12
5	2272084	MT-TFB OC	60
6	2273697	MT-EC-70	2
7	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A			
	Max H, in	36	48
	Max W, in	36	48
	Max A, in	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	650	375
	Transverse	195	112
	Longitudinal	195	112

REVISION HISTORY		
NO:	DESCRIPTION:	
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
TRAPEZE MT70 C 004

PROJECT DESCRIPTION:
TRAPEZE MT70 C 004

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	GAB	JDR	BVD

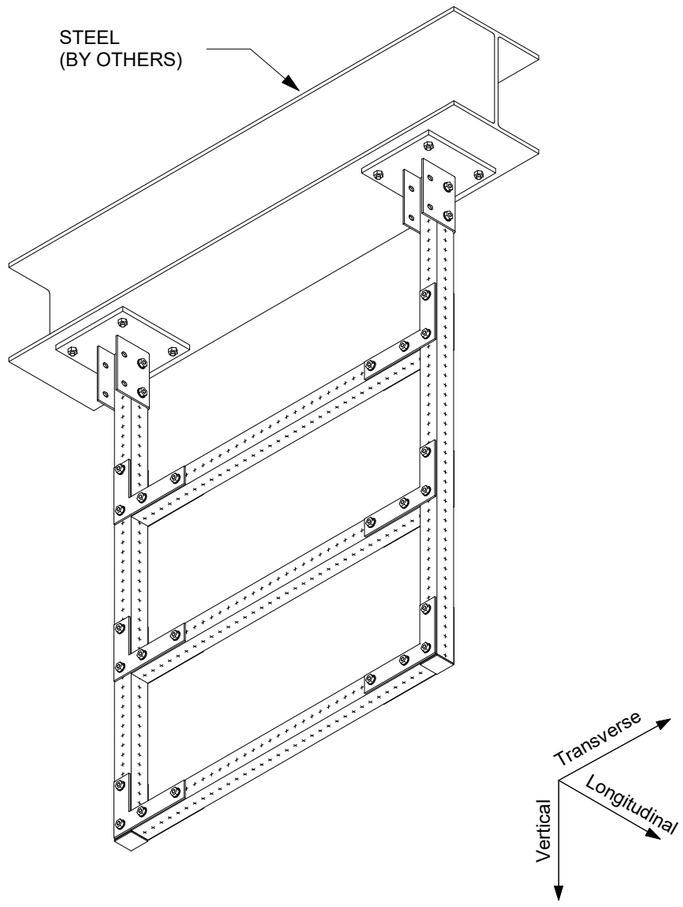
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR7C4 -	1

BIM 360://PMO-HNA-ISB Projects/TR7C4.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	2
2	2268365	MT-70 OC	3
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	12
5	2272084	MT-TFB OC	60
6	2273697	MT-EC-70	2
7	2194341	X-BT-MR W10/15 SN 8	8



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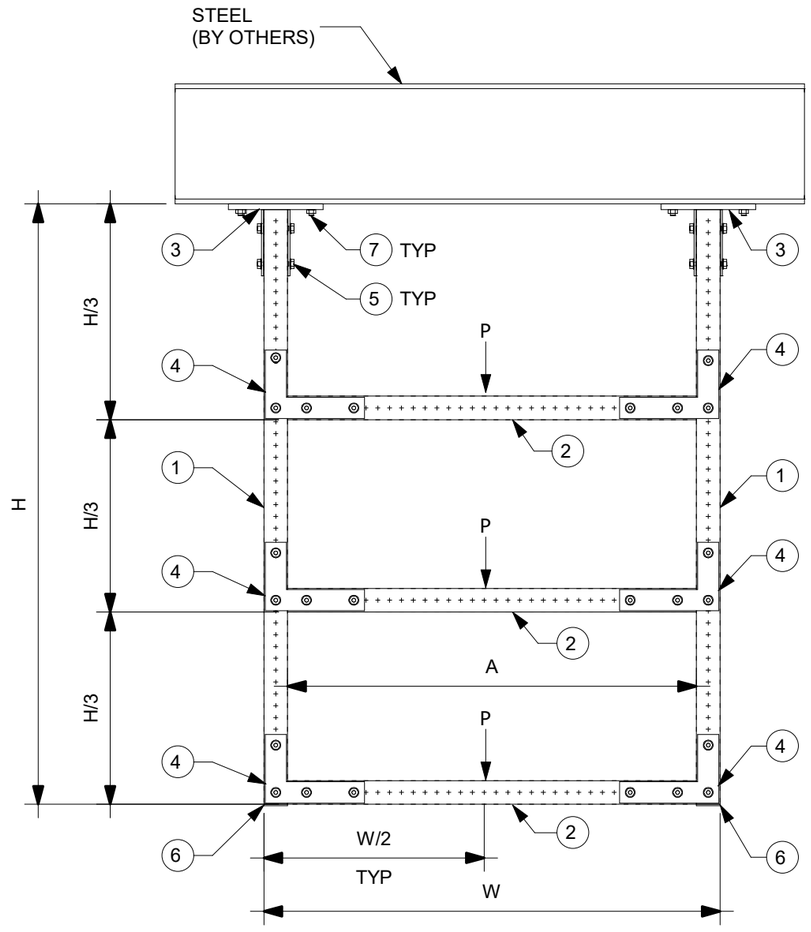


2 ELEVATION
N.T.S.

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 VERSION 1.5. 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.

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-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.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	20-1/8	32-1/8	44-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	725	550	375
	Transverse	218	165	112
	Longitudinal	218	165	112

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	08/19/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
TRAPEZE MT70 S 004

PROJECT DESCRIPTION:
TRAPEZE MT70 S 004

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

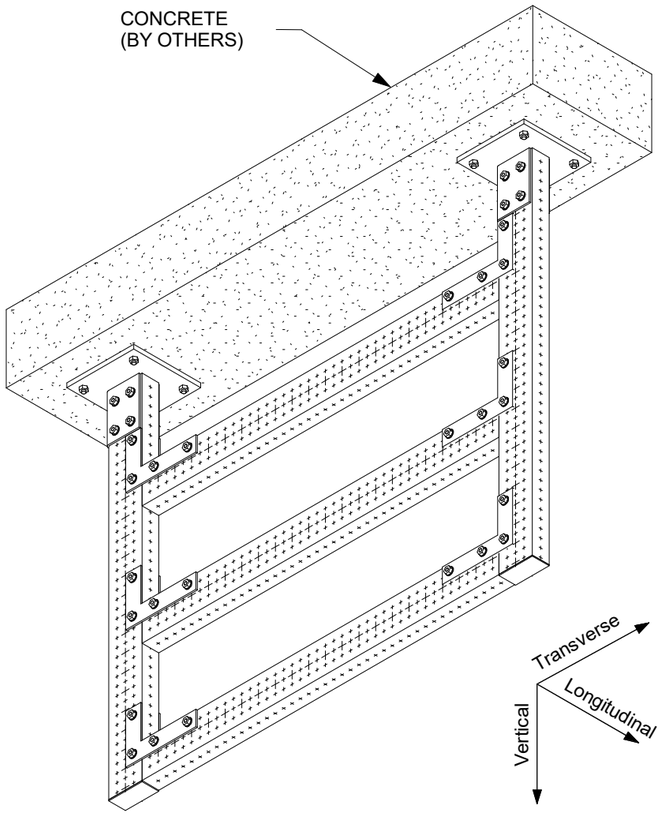
PAPER SIZE: ANSI B

PROJECT NUMBER:

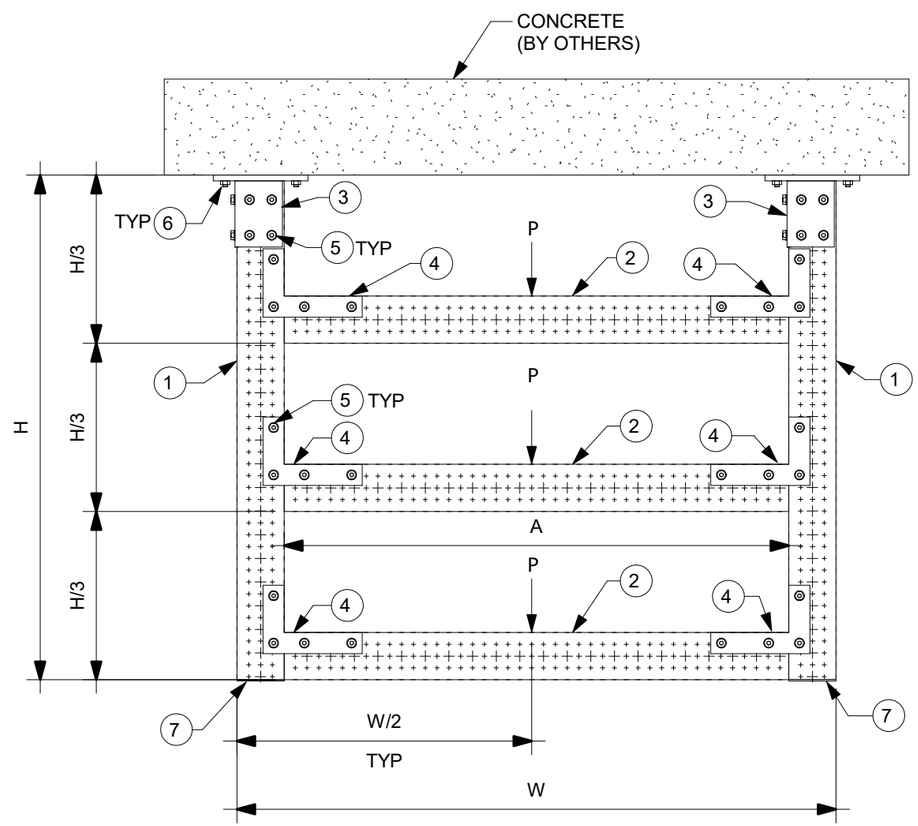
PROJECT	JOB	SHEET
	- TR7S4 -	1

BIM 360://PMO-HNA-ISB Projects/TR7S4.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	2
2	2268367	MT-80 OC	3
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	12
5	2272084	MT-TFB OC	68
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273698	MT-EC-80	2



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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"

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.

TABLE A			
	Max H, in	36	48
	Max W, in	36	48
	Max A, in	28-1/8	40-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1000	575
	Transverse	300	173
	Longitudinal	300	173

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

TRAPEZE MT80 C 003

PROJECT DESCRIPTION:

TRAPEZE MT80 C 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

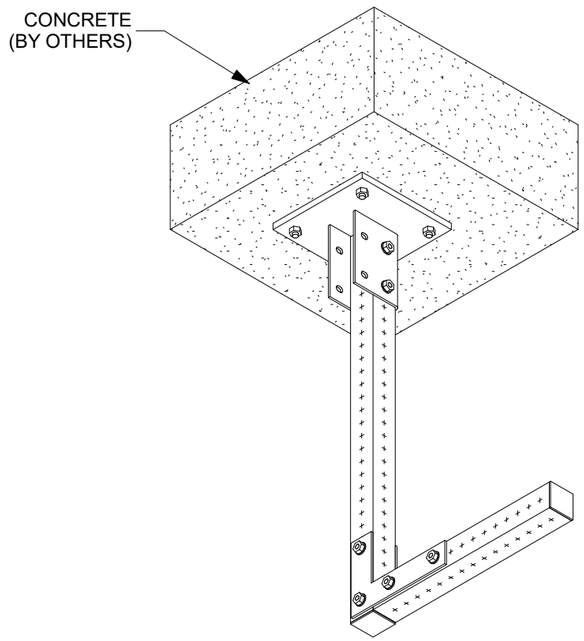
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TR8C3 -	1

BIM 360://PMO-HNA-ISB Projects/TR8C3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272073	MT-C-GSP L OC	2
5	2272084	MT-TFB OC	14
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	4
7	2273697	MT-EC-70	2



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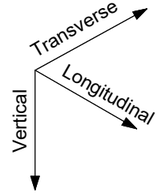
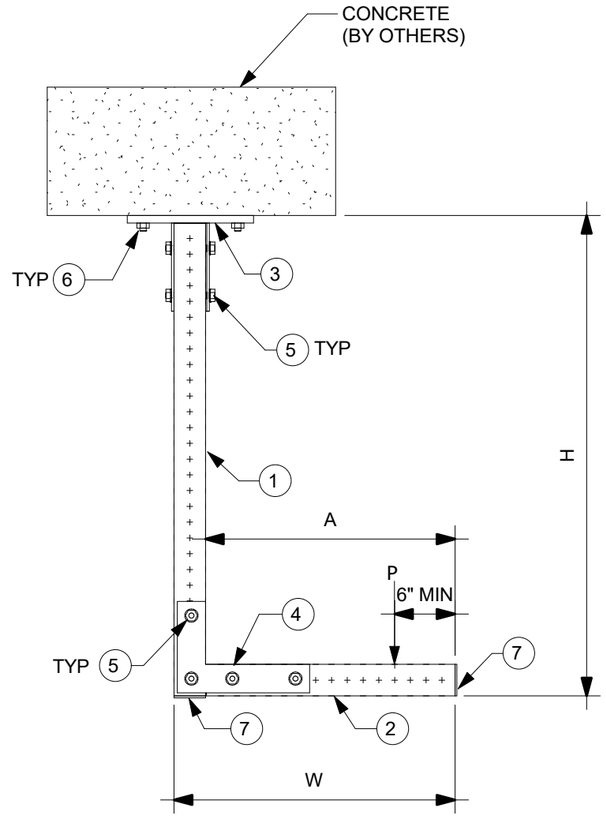
N.T.S.





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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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. 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".

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.

TABLE A			
	Max H, in	24	36
	Max W, in	12	18
	Max A, in	10-1/16	16-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	400	150
	Transverse	120	45
	Longitudinal	120	45

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:

L FRAME MT70 C 001

PROJECT DESCRIPTION:

L FRAME MT70 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

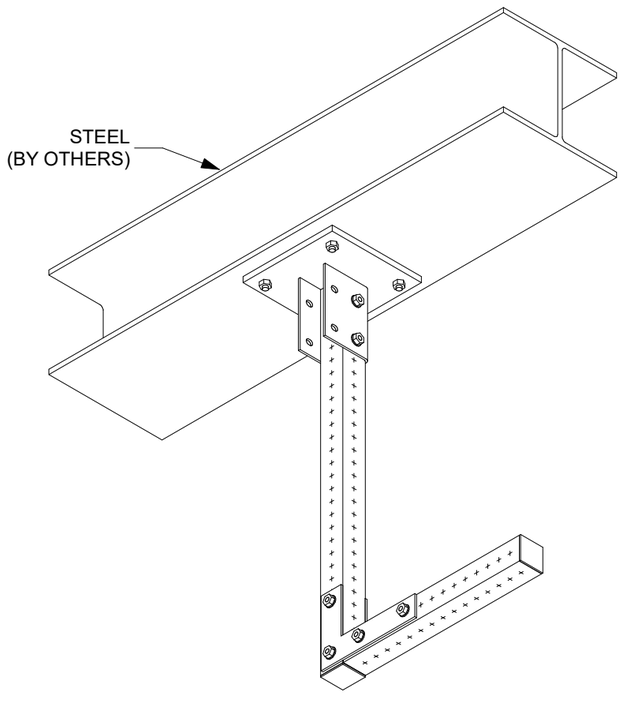
PAPER SIZE: ANSI B

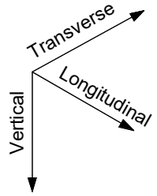
PROJECT NUMBER:

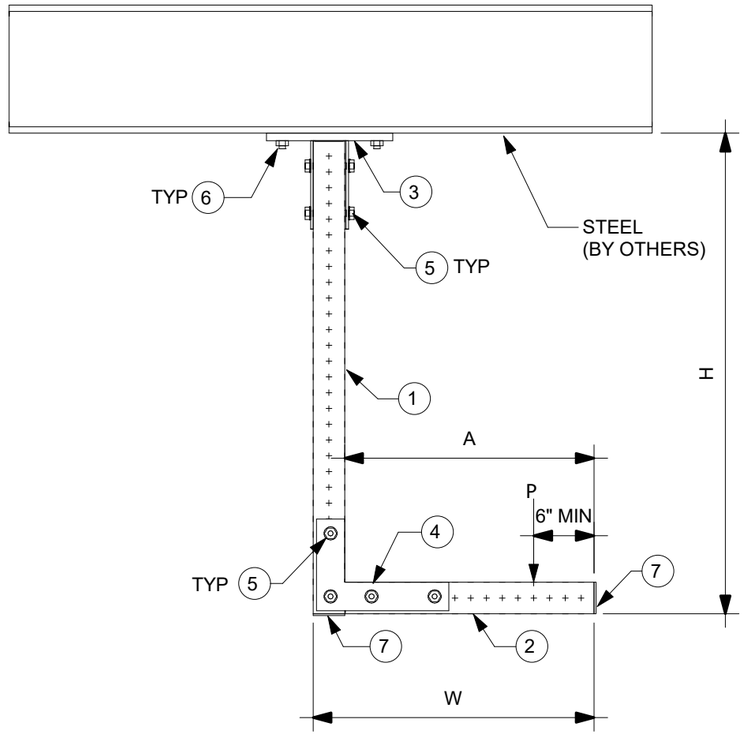
PROJECT	JOB	SHEET
	- LF7C1 -	1

BIM 360://PMO-HNA-ISB Projects/LF7C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272073	MT-C-GSP L OC	2
5	2272084	MT-TFB OC	14
6	2194341	X-BT-MR W10/15 SN 8	4
7	2273697	MT-EC-70	2







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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

TABLE A			
	Max H, in	24	36
	Max W, in	12	18
	Max A, in	10-1/16	16-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	450	150
	Transverse	135	45
	Longitudinal	135	45

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:

L FRAME MT70 S 001

PROJECT DESCRIPTION:

L FRAME MT70 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

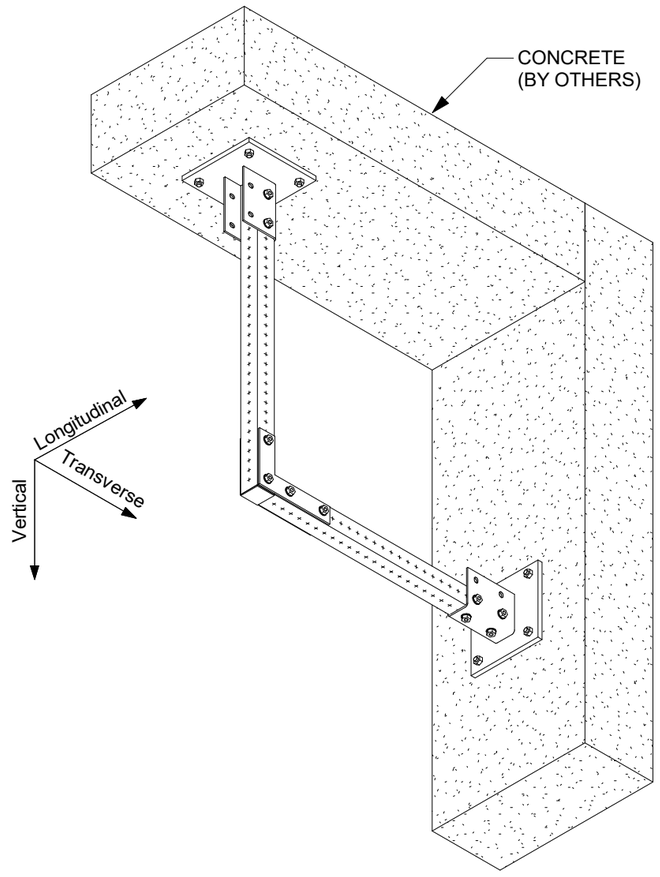
PAPER SIZE: ANSI B

PROJECT NUMBER:

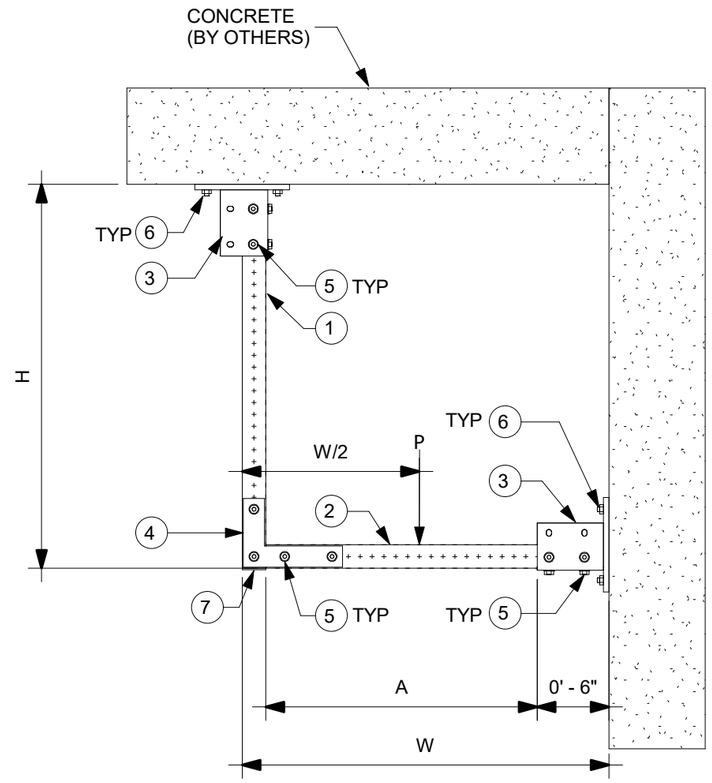
PROJECT	JOB	SHEET
-	LF7S1	- 1

BIM 360://PMO-HNA-ISB Projects/LF7S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	2
5	2272084	MT-TFB OC	20
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	8
7	2273697	MT-EC-70	1



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 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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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-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.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	16-1/16	28-1/16	40-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	1575	1050	800
	Transverse	472	315	240
	Longitudinal	472	315	240

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
L FRAME MT70 C 003

PROJECT DESCRIPTION:
L FRAME MT70 C 003

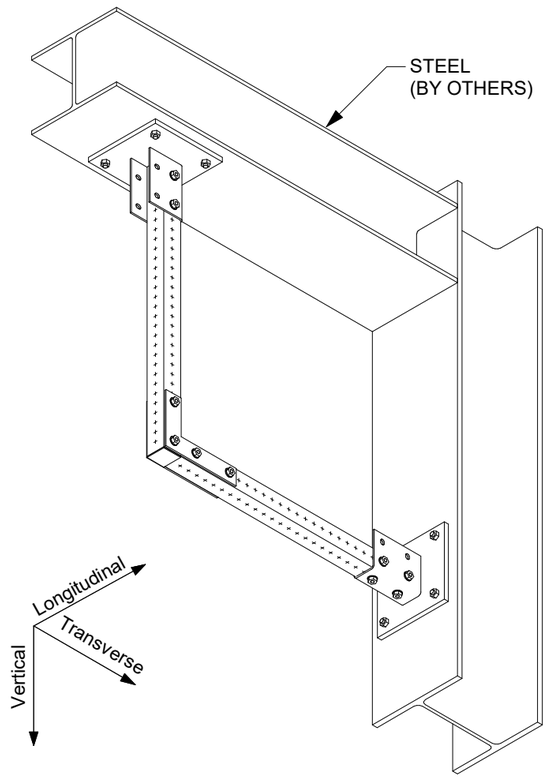
DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

PROJECT NUMBER: PROJECT - JOB LF7C3 - SHEET 1

BIM 360://PMO-HNA-ISB Projects/LF7C3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	2
4	2272073	MT-C-GSP L OC	2
5	2272084	MT-TFB OC	20
6	2194341	X-BT-MR W10/15 SN 8	8
7	2273697	MT-EC-70	1



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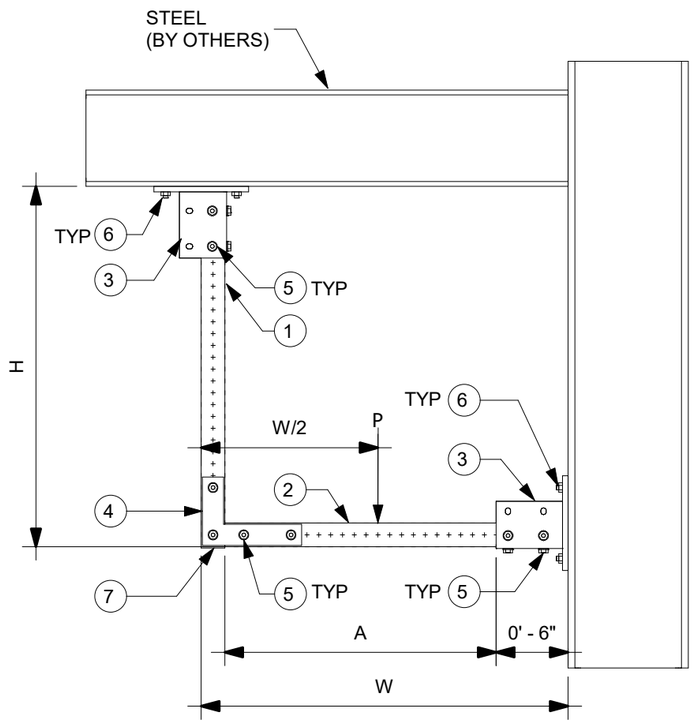
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIREMENT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	16-1/16	28-1/16	40-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	1150	825	625
	Transverse	345	247	188
	Longitudinal	345	247	188

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
L FRAME MT70 S 003

PROJECT DESCRIPTION:
L FRAME MT70 S 003

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

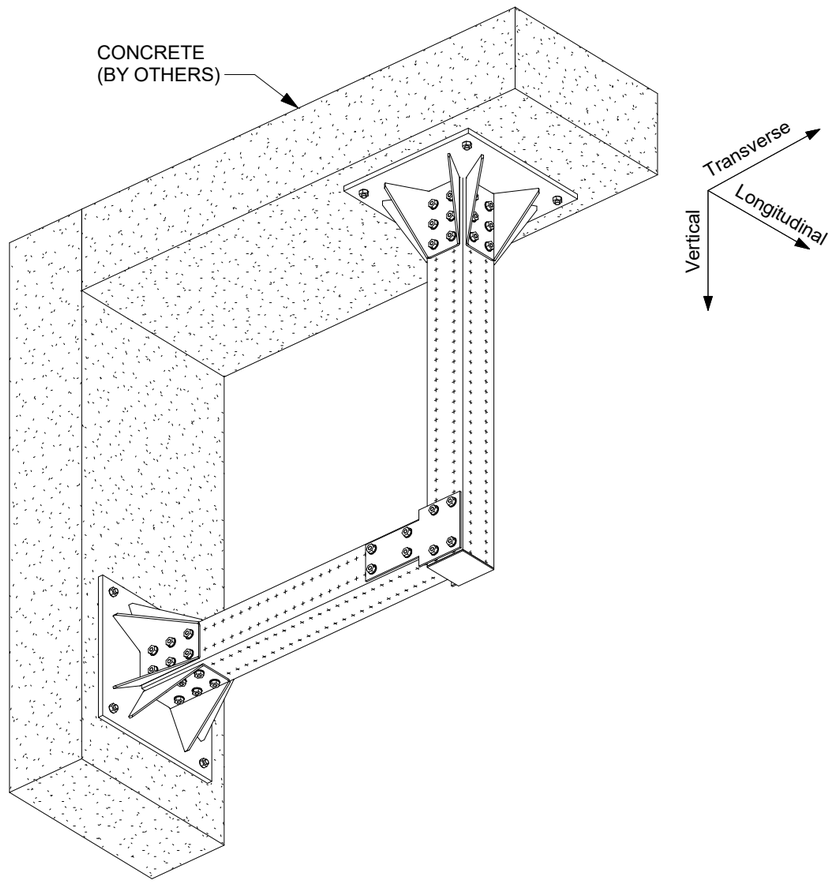
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	LF7S3 -	1

BIM 360://PMO-HNA-ISB Projects/LF7S3.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	1
2	2268369	MT-90 OC	1
3	2272103	MT-B-GL-O4 OC	2
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	64
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	8
7	2273699	MT-EC-90	1



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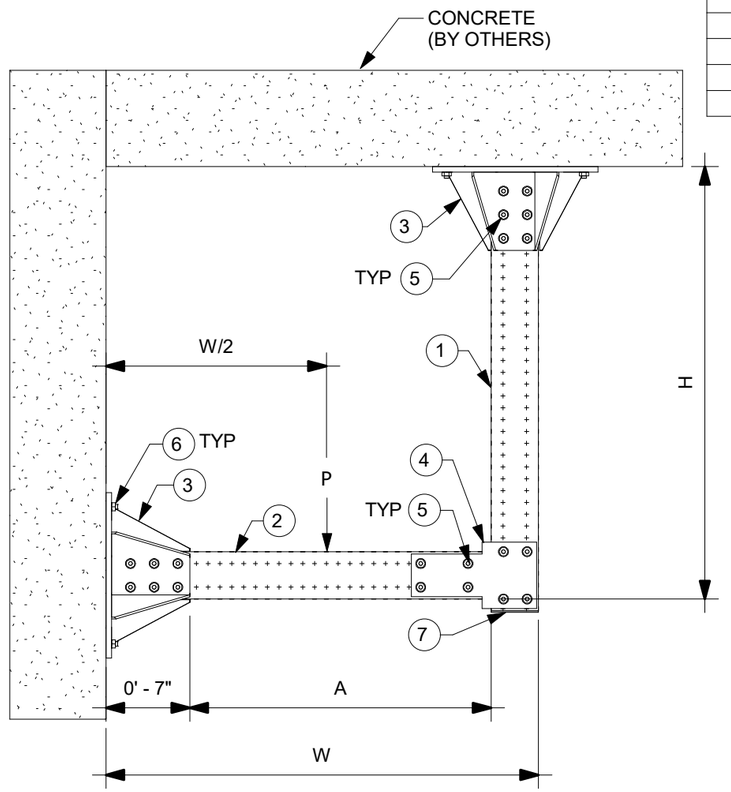
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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

G. 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".

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

TABLE A			
	Max H, in	48	60
	Max W, in	48	60
	Max A, in	37-1/16	49-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	3300	2200
	Transverse	990	660
	Longitudinal	990	660

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
L FRAME MT90 C 001

PROJECT DESCRIPTION:
L FRAME MT90 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

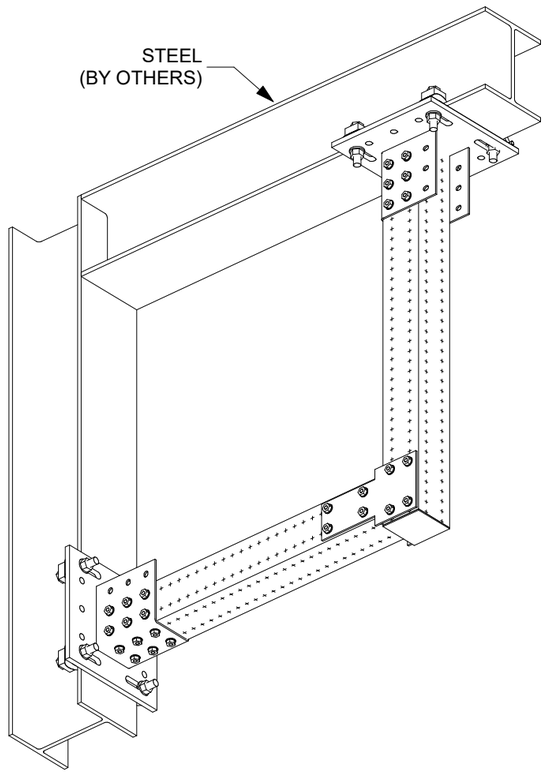
PAPER SIZE: ANSI B

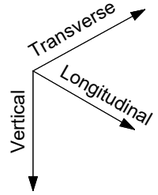
PROJECT NUMBER:

PROJECT	JOB	SHEET
	- LF9C1 -	1

BIM 360://PMO-HNA-ISB Projects/LF9C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	1
2	2268369	MT-90 OC	1
3	VARIES	MT-B-GXL S+ OC (SEE TABLE)	2
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	52
6	387398	MI-SGC M16	8
7	2273699	MT-EC-90	1





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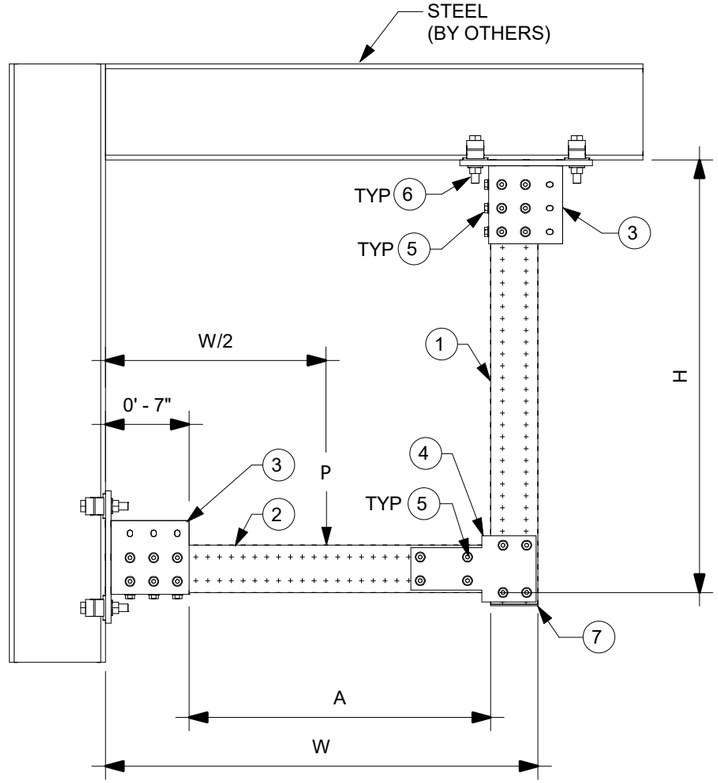
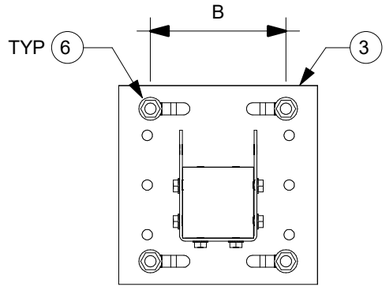
N.T.S.



2 ELEVATION
N.T.S.

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



3 BASEPLATE DETAIL
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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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.

TABLE A			
	Max H, in	48	60
	Max W, in	48	60
	Max A, in	37-1/8	49-1/8
ALLOWABLE LOADS, lbs	Vertical (P)	1900	1900
	Transverse	570	570
	Longitudinal	570	570

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	12/18/2020
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
L FRAME MT90 S 001

PROJECT DESCRIPTION:
L FRAME MT90 S 001

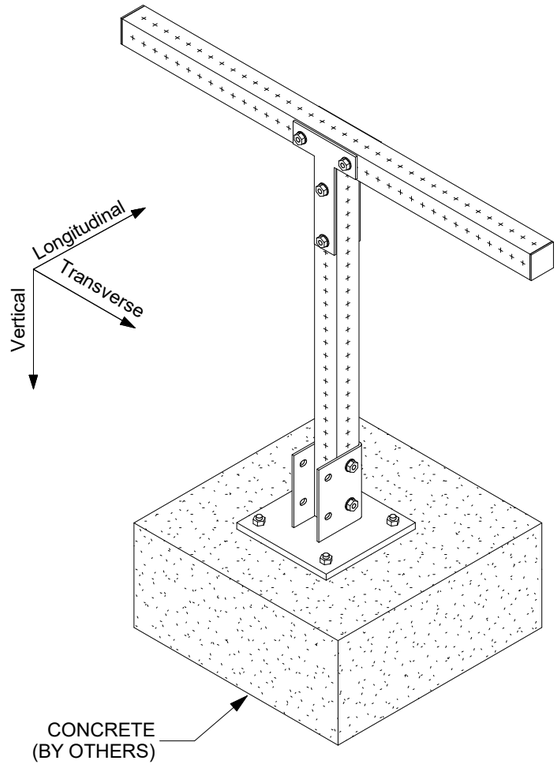
DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

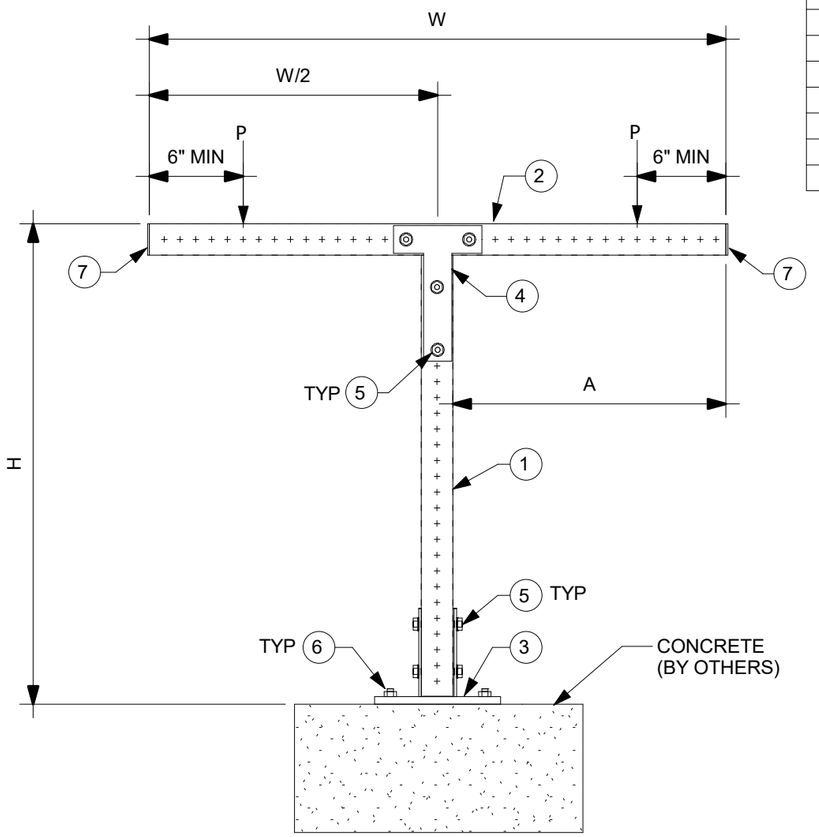
PROJECT NUMBER:

PROJECT	JOB	SHEET
-	LF9S1 -	1

BIM 360://PMO-HNA-ISB Projects/LF9S1.rvt



1 ISOMETRIC
N.T.S.



2 ELEVATION
N.T.S.

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272074	MT-C-GSP T OC	2
5	2272084	MT-TFB OC	14
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	4
7	2273697	MT-EC-70	2

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 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.

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 OR WIND LOADING BASED ON WIND CRITERIA NOTED ON WIND DESIGN BASIS SHEET.

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.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	11-1/16	17-1/16	23-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	375	160	90
	Transverse	112	48	27
	Longitudinal	112	48	27

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	ISSUE FOR REVIEW - UPDATED DIMENSIONS	03/03/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
T POST MT70 C 001

PROJECT DESCRIPTION:
T POST MT70 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

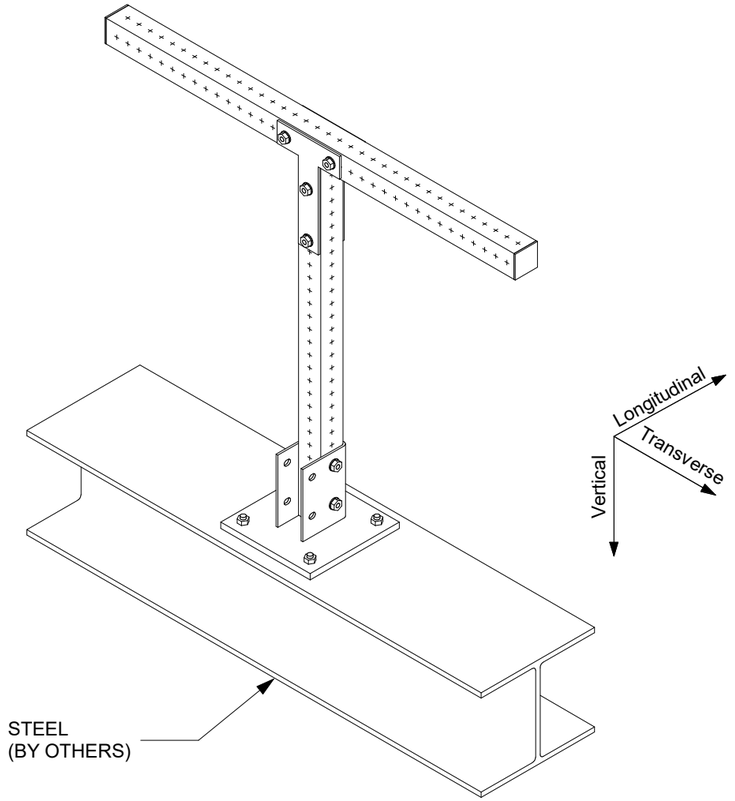
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TP7C1 -	1

BIM 360://PMO-HNA-ISB Projects/TP7C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272074	MT-C-GSP T OC	2
5	2272084	MT-TFB OC	14
6	2194341	X-BT-MR W10/15 SN 8	4
7	2273697	MT-EC-70	2



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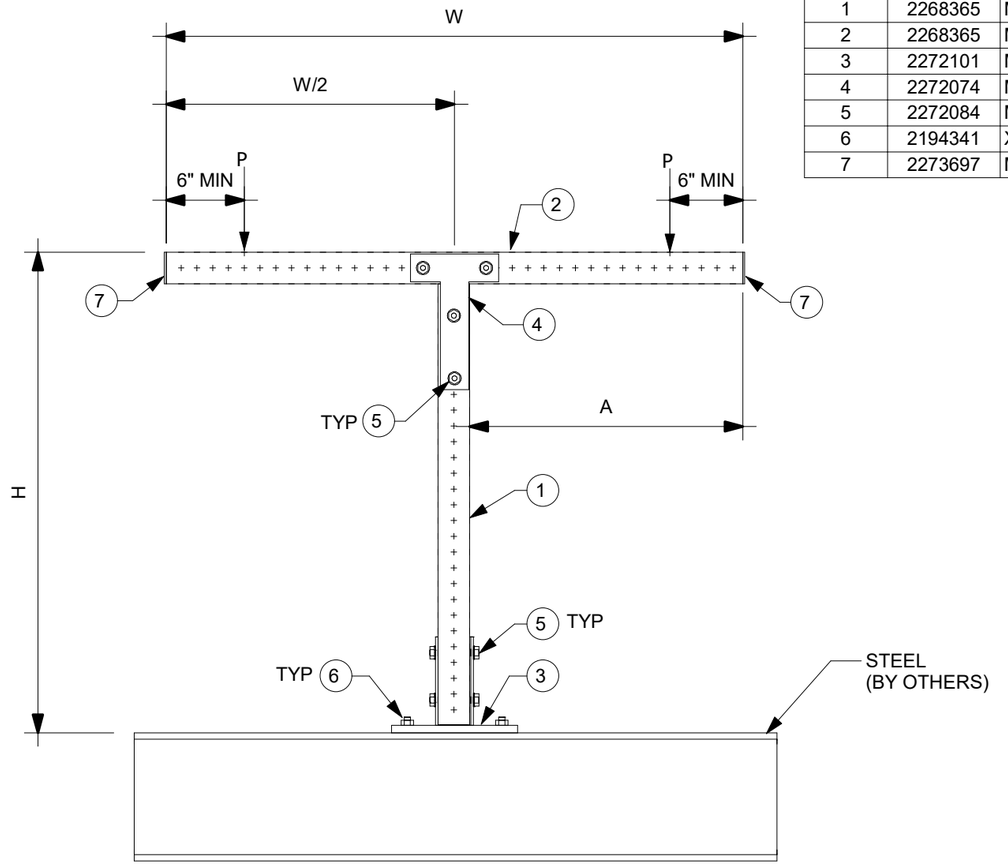
N.T.S.



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 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.

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.

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.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	11-1/16	17-1/16	23-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	375	160	90
	Transverse	112	48	27
	Longitudinal	112	48	27

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
T POST MT70 S 002

PROJECT DESCRIPTION:
T POST MT70 S 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

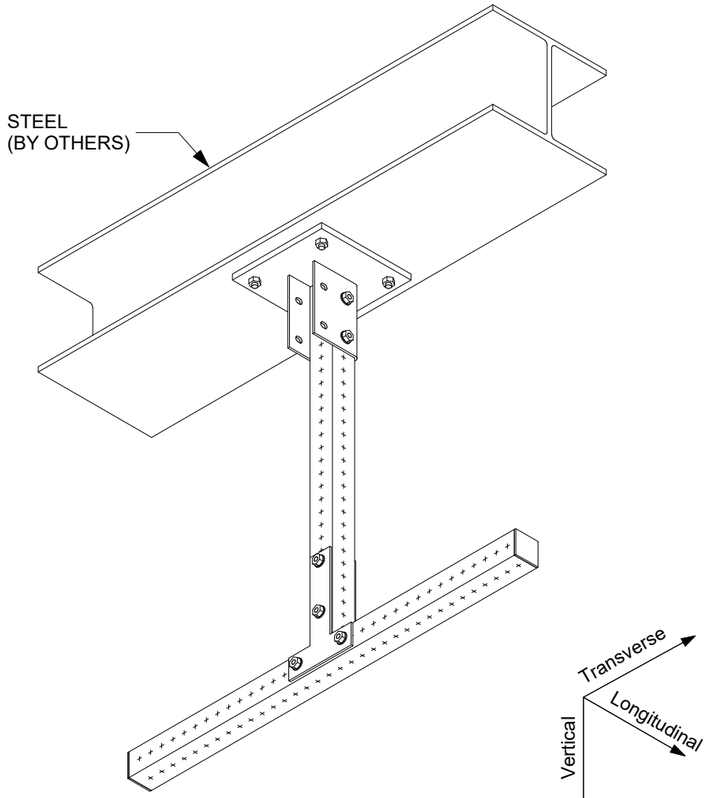
PAPER SIZE: ANSI B

PROJECT NUMBER:

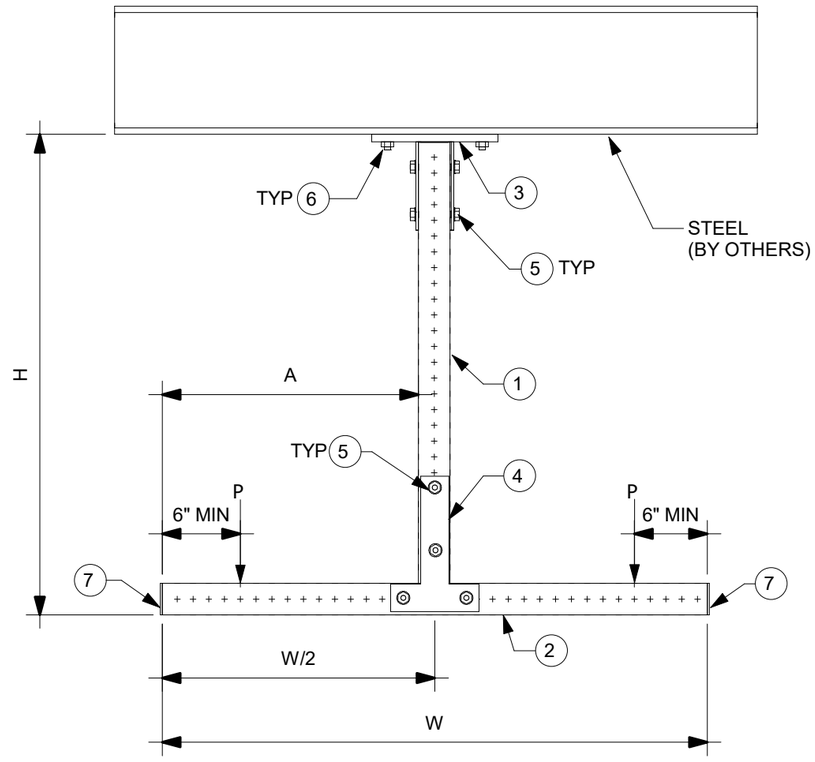
PROJECT	JOB	SHEET
	- TP7S2 -	1

BIM 360://PMO-HNA-ISB Projects/TP7S2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268365	MT-70 OC	1
2	2268365	MT-70 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272074	MT-C-GSP T OC	2
5	2272084	MT-TFB OC	14
6	2194341	X-BT-MR W10/15 SN 8	4
7	2273697	MT-EC-70	2



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 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.

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.

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.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	11-1/16	17-1/16	23-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	350	160	90
	Transverse	105	48	27
	Longitudinal	105	48	27

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
T POST MT70 S 001

PROJECT DESCRIPTION:
T POST MT70 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

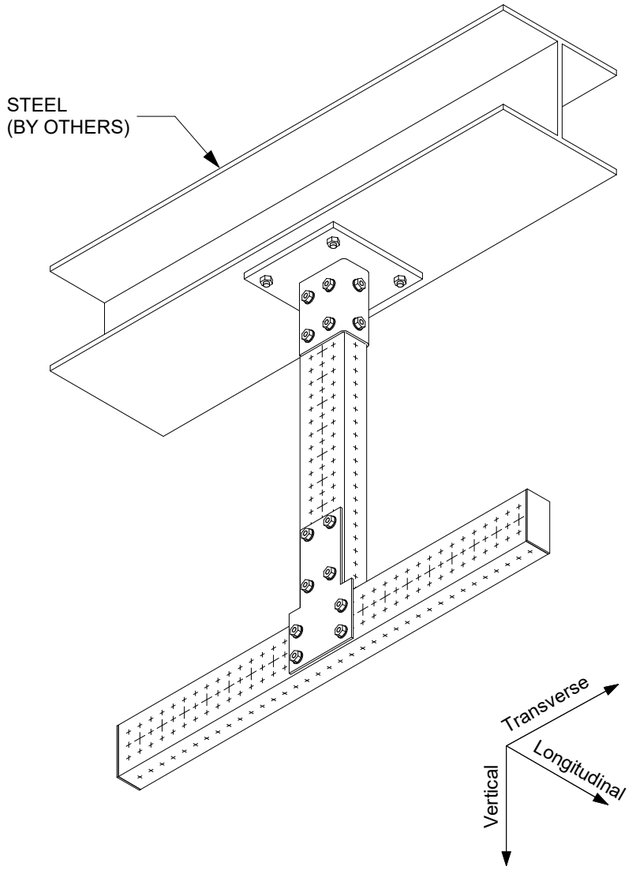
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	TP7S1 -	1

BIM 360://PMO-HNA-ISB Projects/TP7S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	1
2	2268367	MT-80 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	26
6	2194341	X-BT-MR W10/15 SN 8	4
7	2273698	MT-EC-80	2



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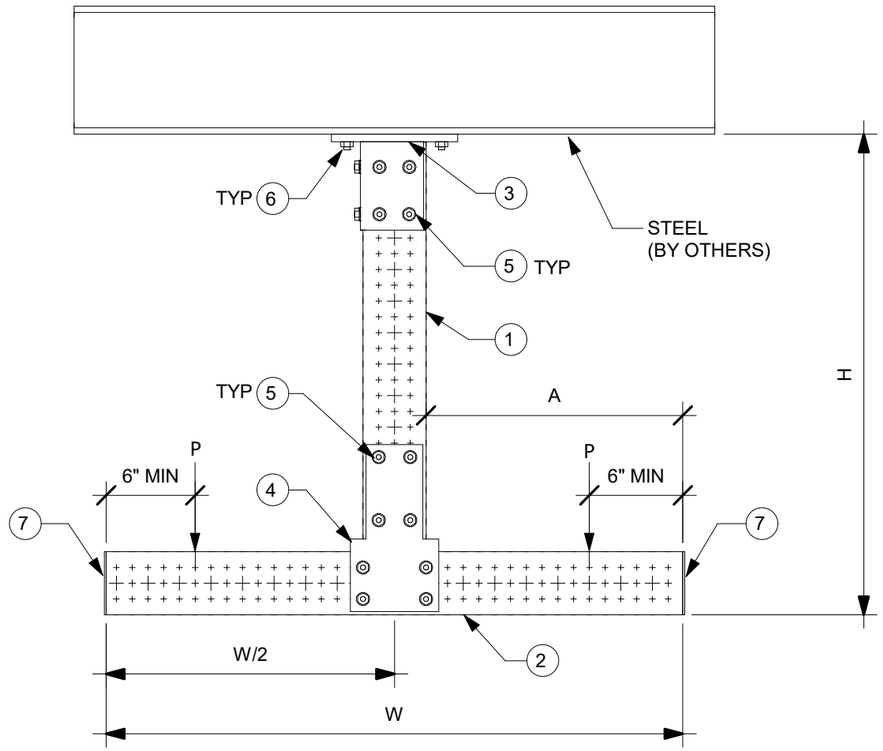
N.T.S.



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 VERSION 1.5. 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.

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-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.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	10-1/16	16-1/16	22-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	425	300	240
	Transverse	127	90	72
	Longitudinal	127	90	72

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
T POST MT80 S 001

PROJECT DESCRIPTION:
T POST MT80 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	IDP	JDR	BVD

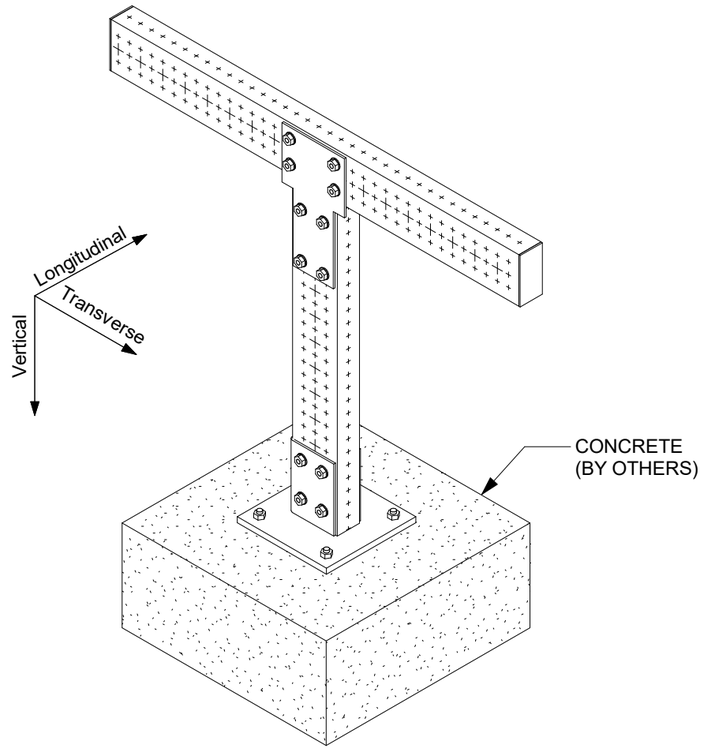
PAPER SIZE: ANSI B

PROJECT NUMBER:

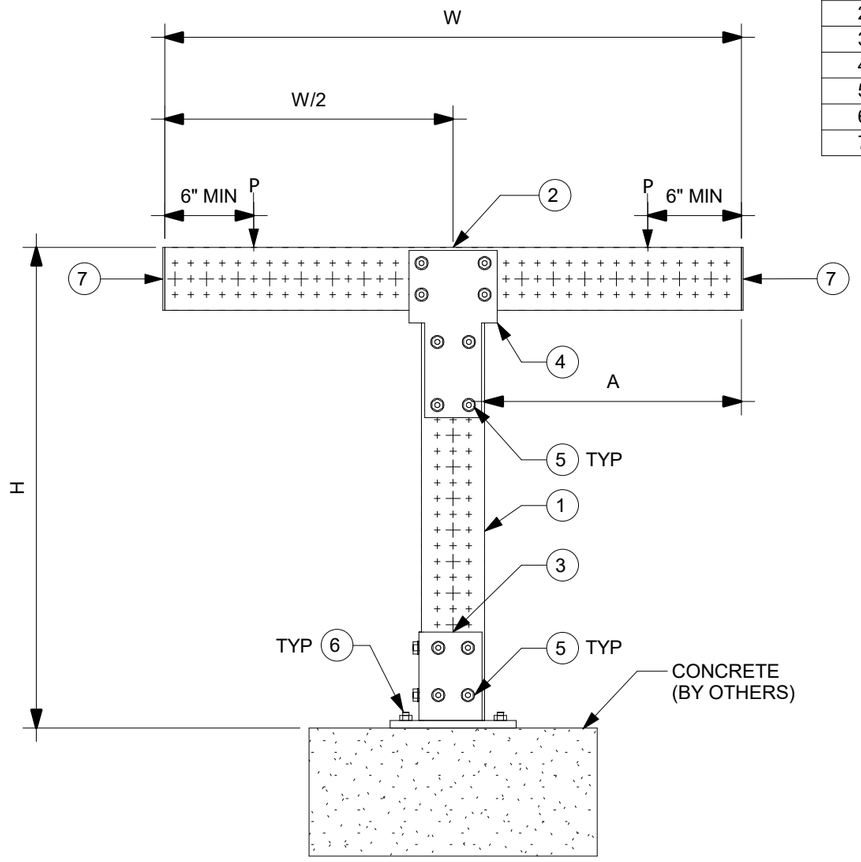
PROJECT	JOB	SHEET
	- TP8S1 -	1

BIM 360://PMO-HNA-ISB Projects/TP8S1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	1
2	2268367	MT-80 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	26
6	2210261	ANCHOR KB-TZ2 1/2" x 4-1/2" SS304	4
7	2273698	MT-EC-80	2



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 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.

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.

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.

F. REFER TO HILTI INSTRUCTION FOR USE SHEET FOR REQUIRED INSTALLATION INFORMATION.

G. 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".

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.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	10-1/16	16-1/16	22-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	925	420	240
	Transverse	278	126	72
	Longitudinal	278	126	72

REVISION HISTORY		
NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
T POST MT80 C 001

PROJECT DESCRIPTION:
T POST MT80 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

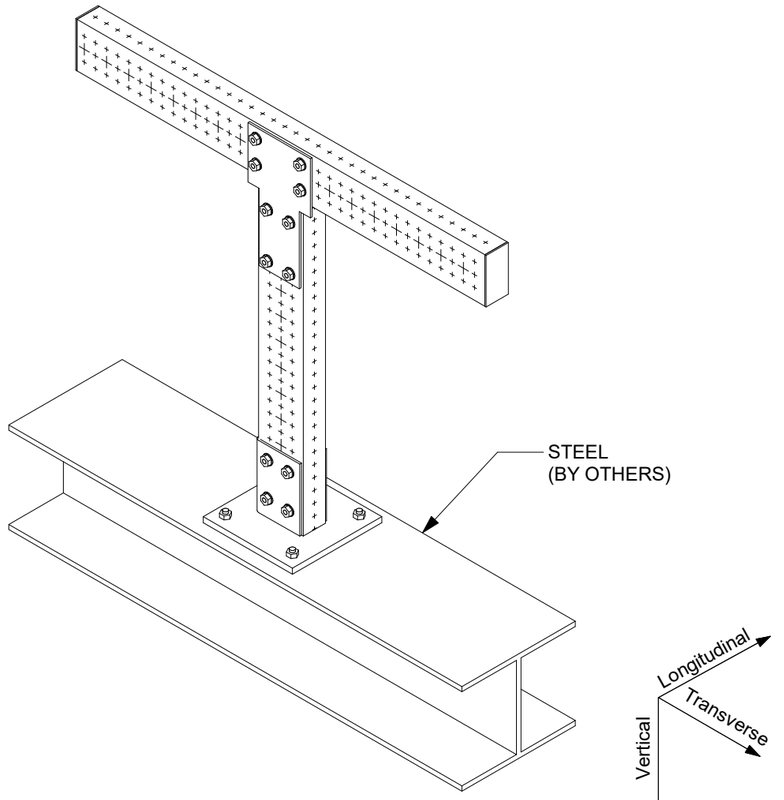
PAPER SIZE: ANSI B

PROJECT NUMBER:

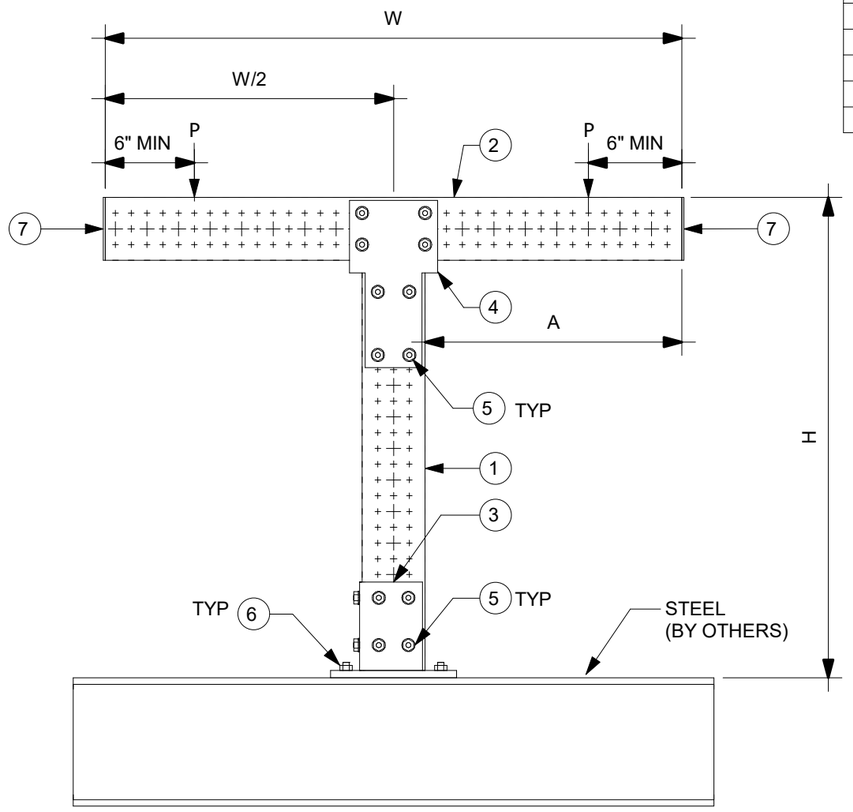
PROJECT	JOB	SHEET
-	TP8C1 -	1

BIM 360://PMO-HNA-ISB Projects/TP8C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268367	MT-80 OC	1
2	2268367	MT-80 OC	1
3	2272101	MT-B-GS O4U OC	1
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	26
6	2194341	X-BT-MR W10/15 SN 8	4
7	2273698	MT-EC-80	2



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 VERSION 1.5. 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.

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-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.

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.

H. MINIMUM 8" FLANGE WIDTH REQUIRED.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	24	36	48
	Max W, in	24	36	48
	Max A, in	10-1/16	16-1/16	22-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	925	425	240
	Transverse	278	127	72
	Longitudinal	278	127	72

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	09/21/2020
B	ISSUE FOR REVIEW	12/14/2020
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
T POST MT80 S 002

PROJECT DESCRIPTION:
T POST MT80 S 002

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
MDH	IDP	JDR	BVD

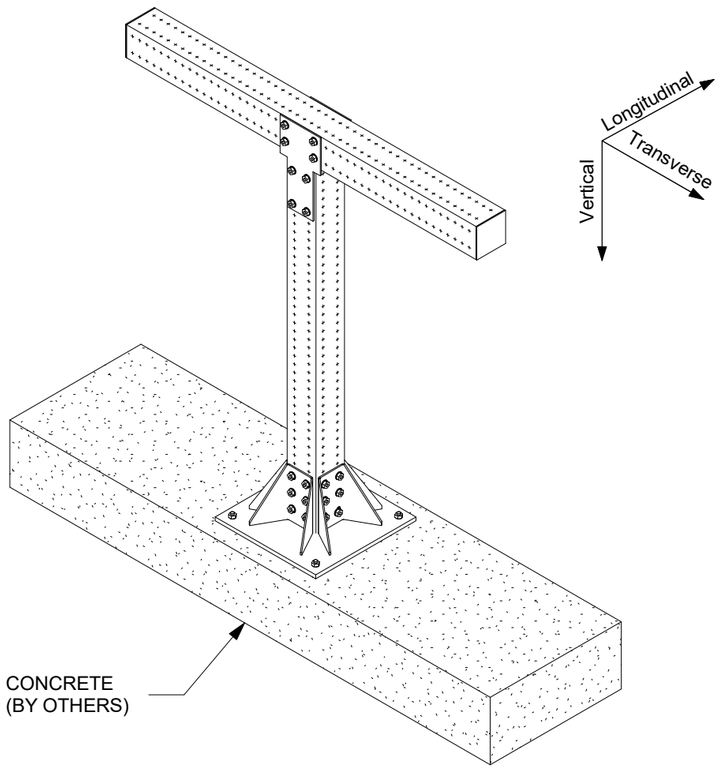
PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
	- TP8S2 -	1

BIM 360://PMO-HNA-ISB Projects/TP8S2.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	1
2	2268369	MT-90 OC	1
3	2272103	MT-B-GL-O4 OC	1
4	2272075	MT-C-GLP T OC	2
5	2272084	MT-TFB OC	40
6	2210278	ANCHOR KB-TZ2 5/8" X 4-3/4" SS304	4
7	2273699	MT-EC-90	2



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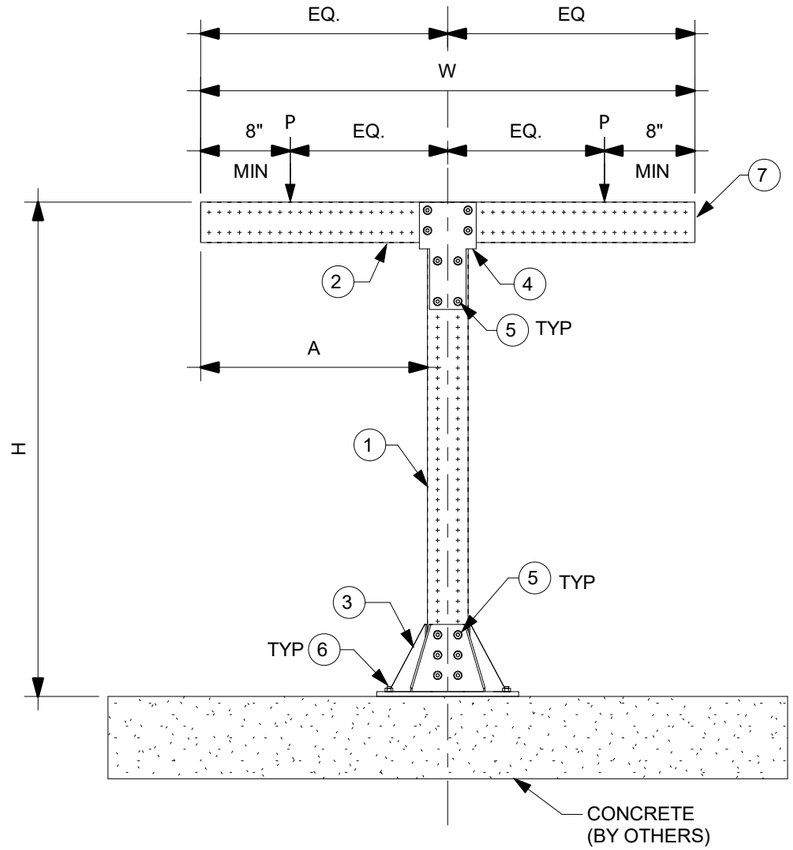
N.T.S.



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

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. 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".

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.

I. LOADS ASSUMED TO BE LOCATED SYMMETRICALLY ON THE SUPPORT.

TABLE A				
	Max H, in	60	72	84
	Max W, in	60	72	84
	Max A, in	28-1/16	34-1/16	40-1/16
ALLOWABLE LOADS, lbs	Vertical (P)	600	425	325
	Transverse	180	127	97
	Longitudinal	180	127	97

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR BU USE	07/06/2021
D	ANCHOR NOTE AND BOM MODIFICATION FOR ANCHOR	03/22/2022

PROJECT NAME:
T POST MT90 C 001

PROJECT DESCRIPTION:
T POST MT90 C 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

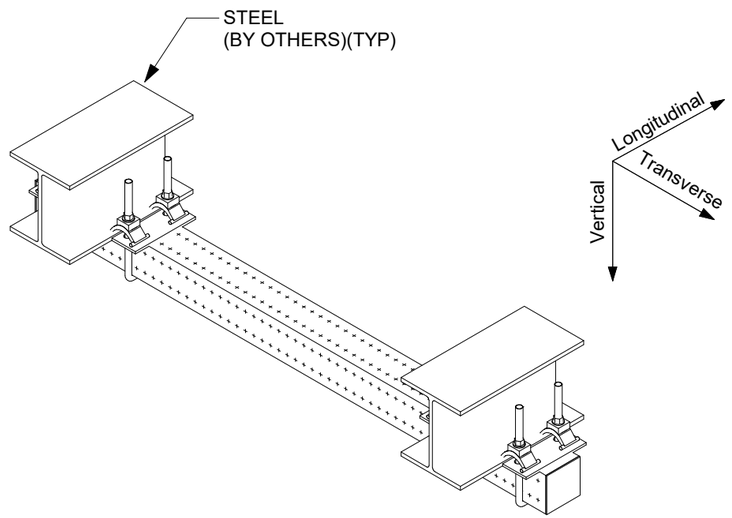
PAPER SIZE: ANSI B

PROJECT NUMBER:

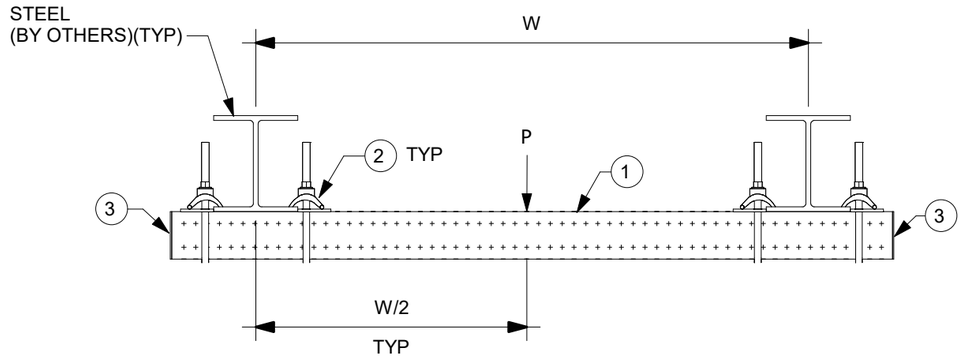
PROJECT	JOB	SHEET
-	TP9C1 -	1

BIM 360://PMO-HNA-ISB Projects/TP9C1.rvt

MARK	ITEM NO.	DESCRIPTION	QTY.
1	2268369	MT-90 OC	1
2	2273589	MT-BC-GXL T OC	4
3	2273699	MT-EC-90	2



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 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.

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.

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. A SEPARATE ANALYSIS MUST BE PERFORMED WHEN TRANSVERSE AND LONGITUDINAL LOAD OCCURS SIMULTANEOUSLY.

TABLE A			
	Max W, in	96	192
ALLOWABLE LOADS, lbs	Vertical (P)	650	325
	Transverse	195	98
	Longitudinal	195	98

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.

REVISION HISTORY

NO:	DESCRIPTION:	DATE:
A	ISSUE FOR REVIEW	01/07/2021
B	NOTE MODIFICATIONS	01/29/2021
C	ISSUE FOR REVIEW - NOTE MODIFICATIONS AND DIM CALLOUTS	05/28/2021

PROJECT NAME:
HEADER BEAM MT90 S 001

PROJECT DESCRIPTION:
HEADER BEAM MT90 S 001

DRAWN:	CHECKED:	DESIGNED:	REVIEWED:
GAB	IDP	JDR	BVD

PAPER SIZE: ANSI B

PROJECT NUMBER:

PROJECT	JOB	SHEET
-	HB9S1 -	1

BIM 360://PMO-HNA-ISB Projects/HB9S1.rvt