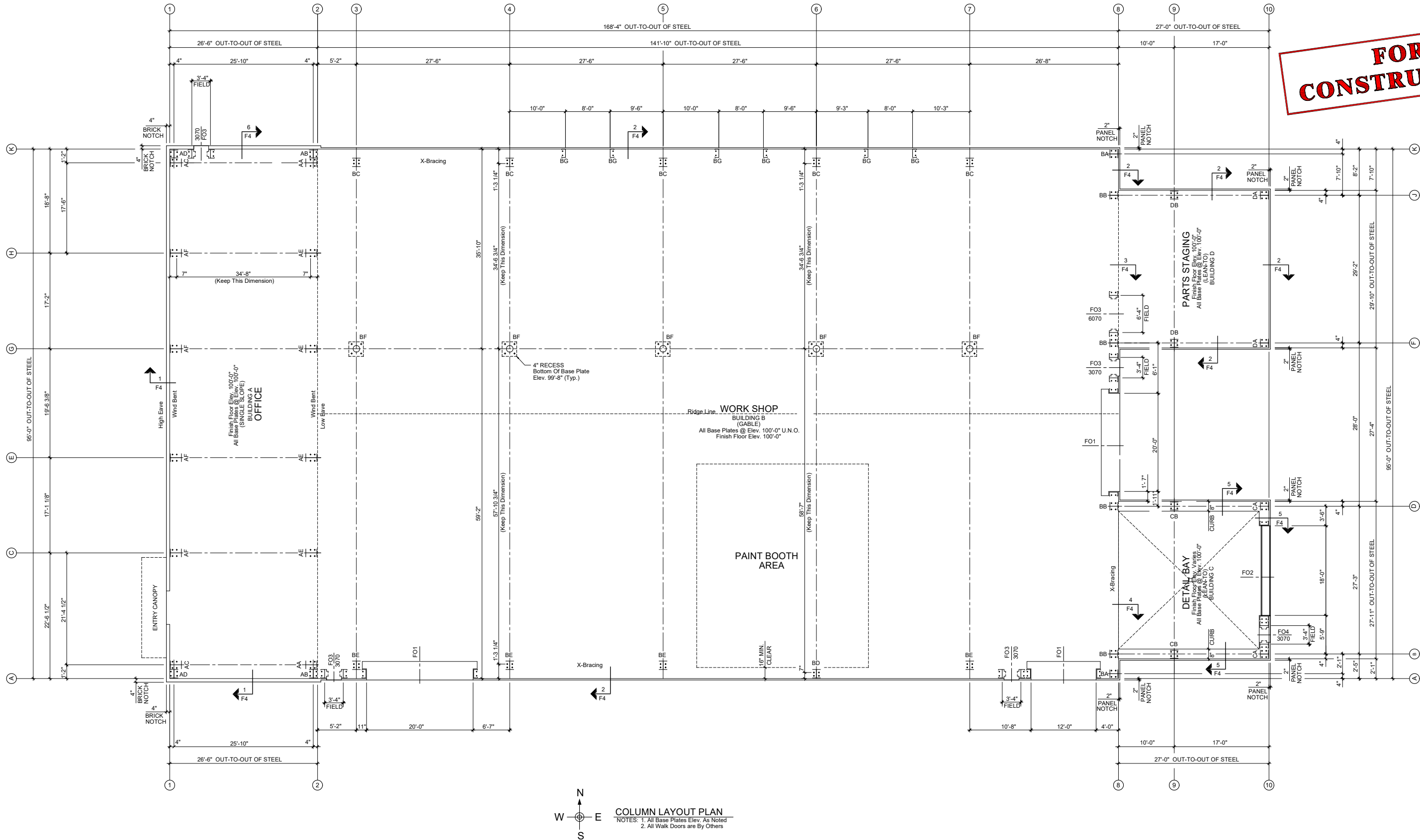


FOR CONSTRUCTION



COLUMN LAYOUT PLAN
 NOTES: 1. All Base Plates Elev. As Noted
 2. All Walk Doors are By Others

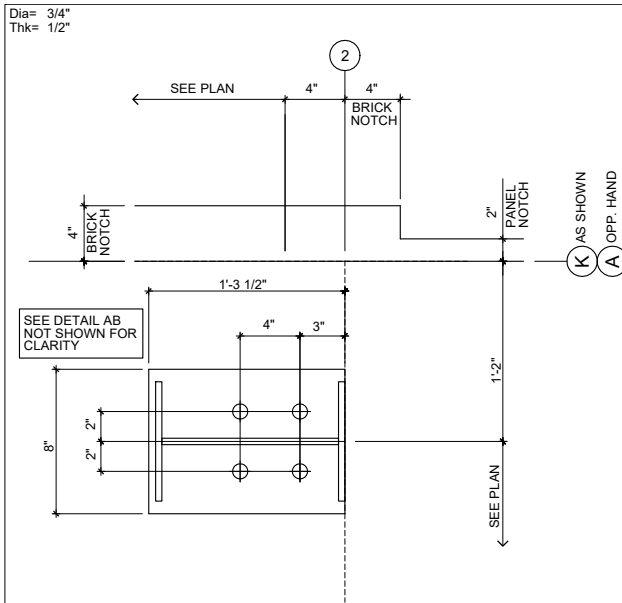
NOTE:
 ONLY ANCHOR BOLTS SETTING PLAN ISSUED & STAMPED "FOR CONSTRUCTION" SHALL BE USED IN SETTING ANCHOR BOLTS. 'RIGID GLOBAL BUILDINGS' SHALL NOT BE RESPONSIBLE FOR ERROR OR DISCREPANCY IF THE DRAWING USED IS NOT VALID FOR CONSTRUCTION.

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

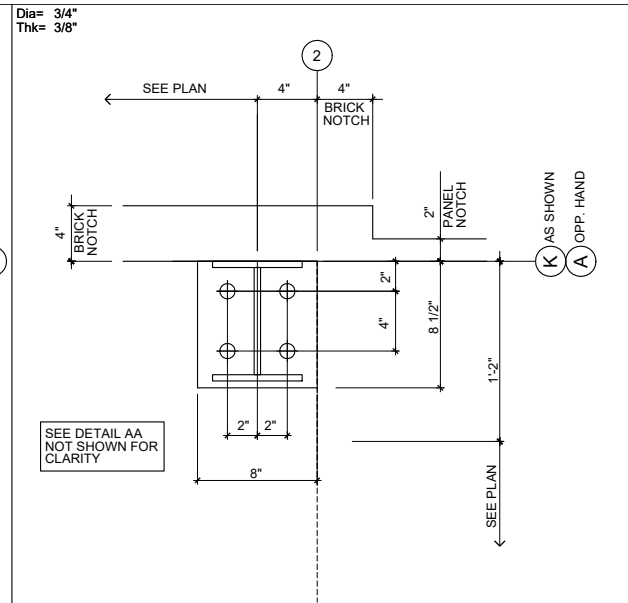
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



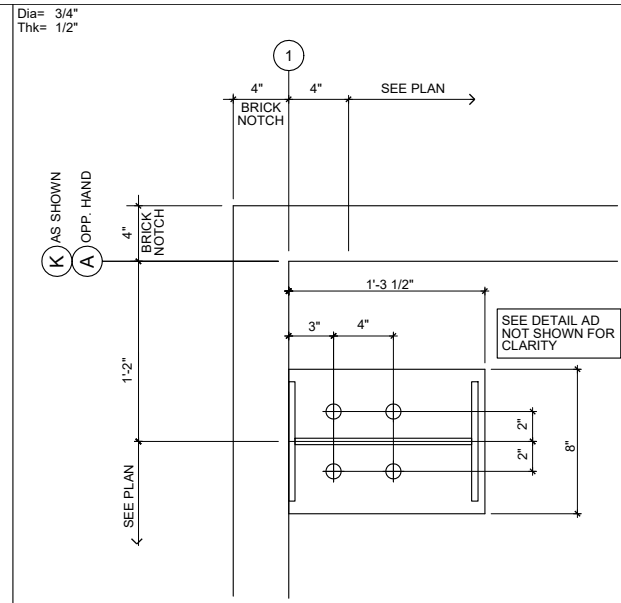
DESCRIPTION	COLUMN LAYOUT PLAN
CUSTOMER	Cross Development, LLC
END USER	Caliber Collision
END USE	Commercial
STREET	Midway Avenue & Chasewood Dr.
CITY ST ZIP	Idaho Falls, ID 83406
SALES NO.	74088
DWG NO.	163408-163411
SCALE	1/8:12
CHG. NO.	F001
ISSUE	0



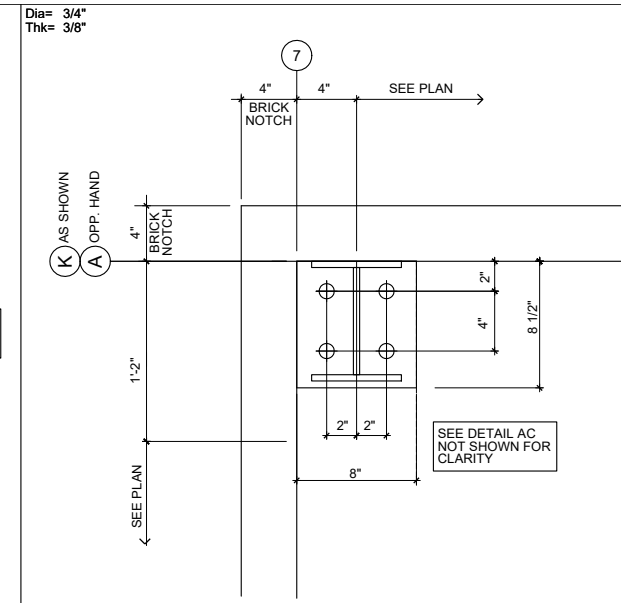
DETAIL - AA



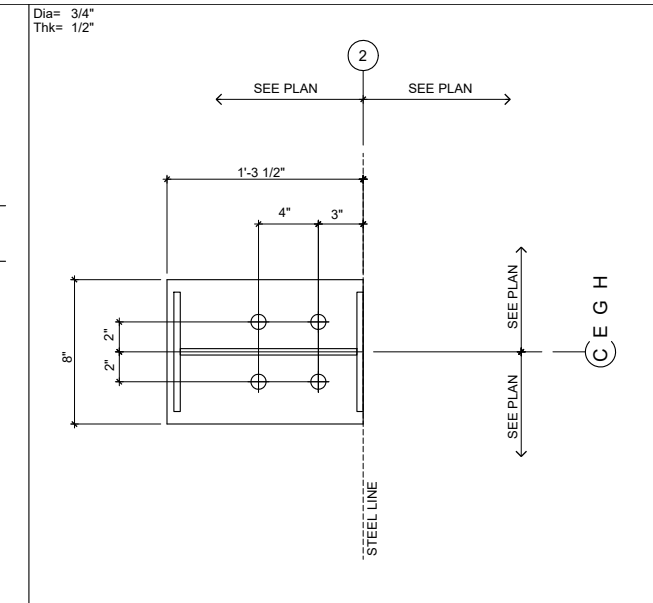
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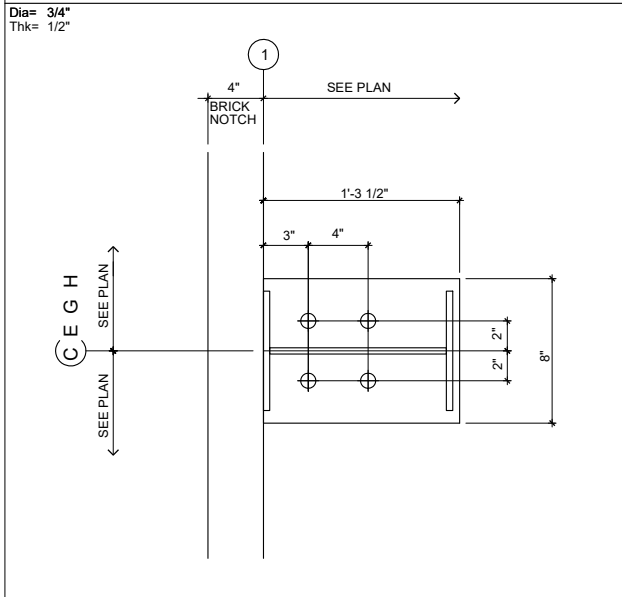
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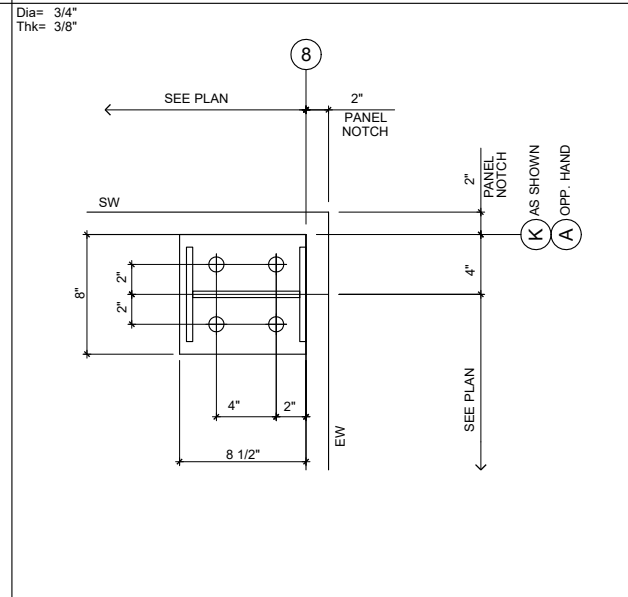
DETAIL - AD



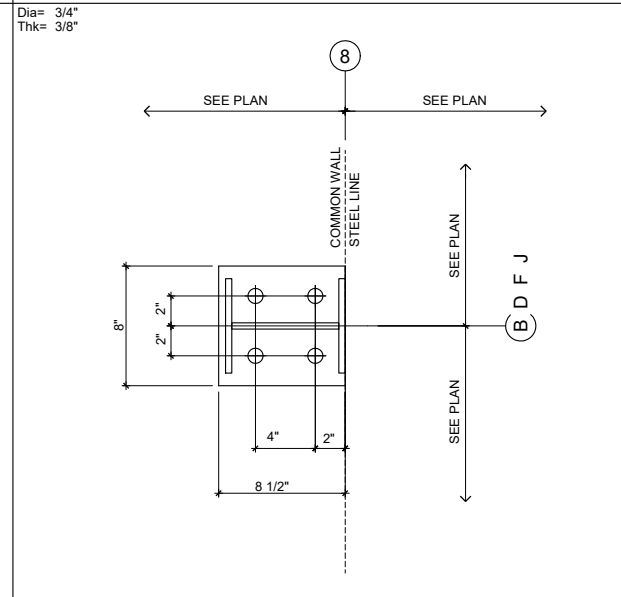
DETAIL - AE



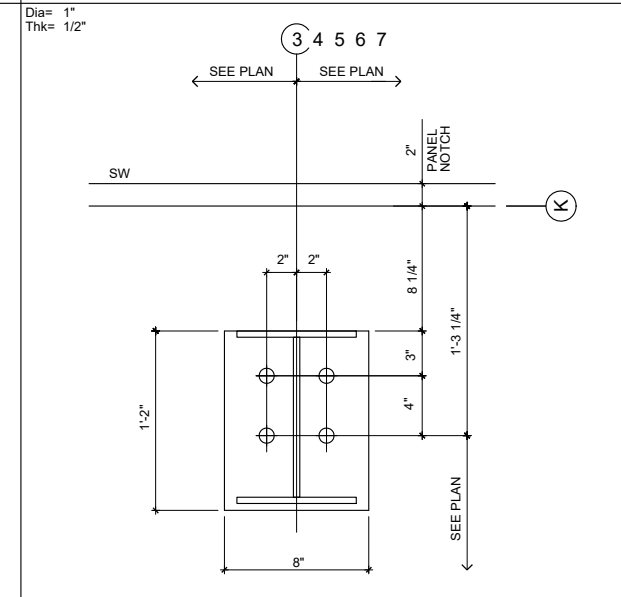
DETAIL - AF



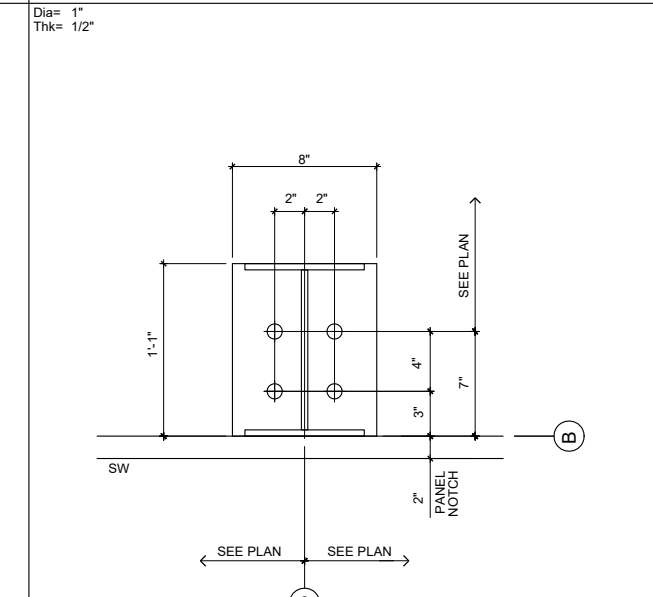
DETAIL - BA



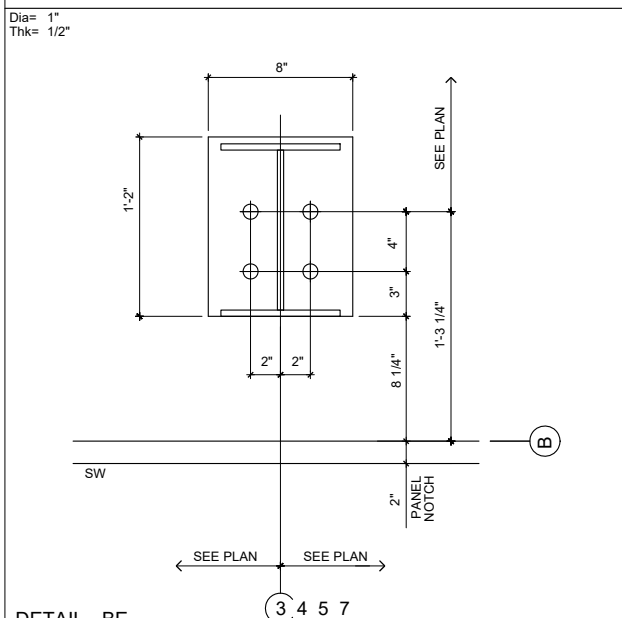
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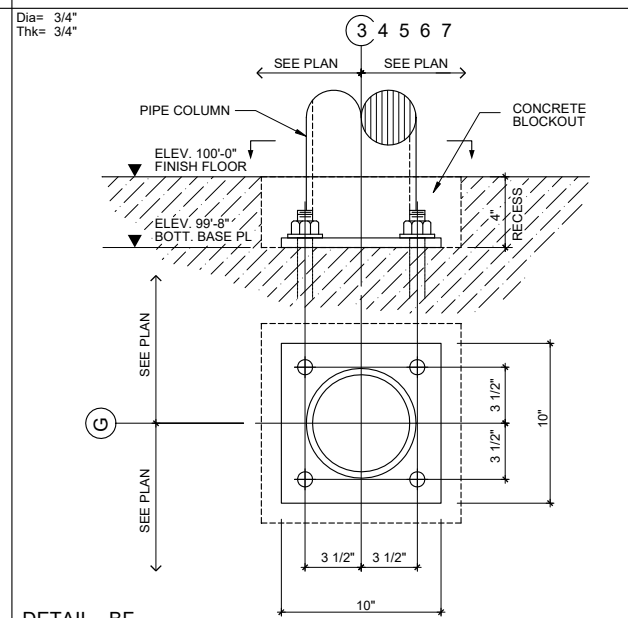
DETAIL - BC



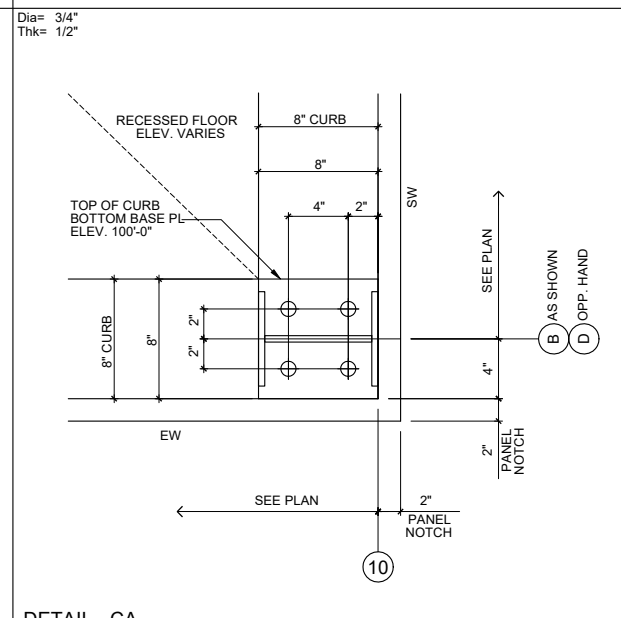
DETAIL - BD



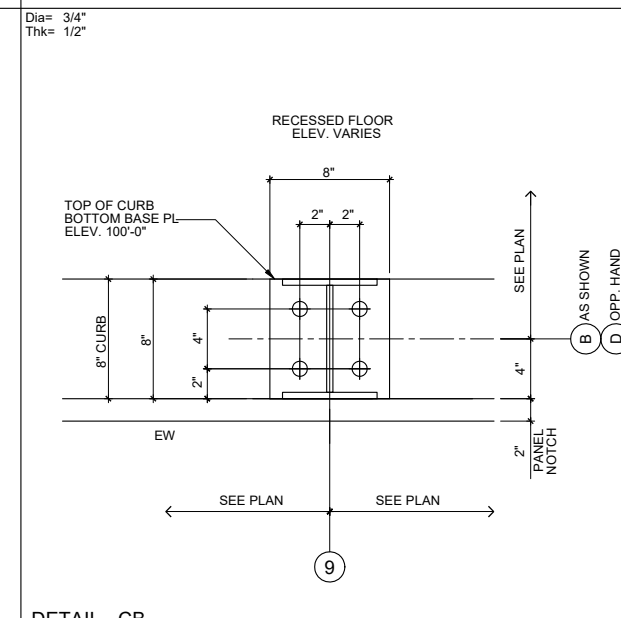
DETAIL - BE



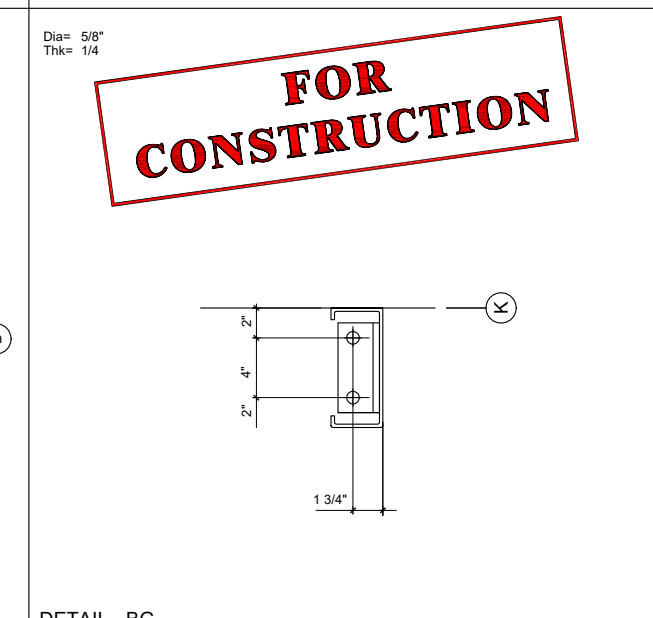
DETAIL - BF



DETAIL - CA



DETAIL - CB



DETAIL - BG

FOR CONSTRUCTION

GENERAL NOTES:
 ① THE ANCHOR BOLT DETAILS SHOWN ON THIS DRAWING LOCATE THE ANCHOR BOLTS IN REFERENCE TO BOTH THE BUILDING STEEL LINE AND THE OUTSIDE OF RIGID'S SUGGESTED PANEL RECESS OF 1'-1/2".
 ② THE ANCHOR BOLT SETTING PLAN LOCATES ANCHOR BOLTS IN REFERENCE TO THE OUTSIDE OF THE PANEL RECESS SHOWN. IF THE ACTUAL PANEL RECESS IS DIFFERENT FROM WHAT IS SHOWN ON THE ANCHOR BOLT SETTING PLAN, THEN ALL REFERENCE DIMENSIONS FROM THE OUTSIDE OF THE PANEL RECESS MUST BE DETERMINED BY THE CUSTOMER.
 ③ BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED)

QTY.	SYMBOL	DIA.	PROJ.	ANCHOR BOLT DETAIL
0	⊕	1/2"	1"	ANCHOR BOLT PROJECTION "PROJ." IS MEASURED FROM BOTTOM OF BASE PLATE
52	⊕	5/8"	2"	DETAIL OF ANCHOR BOLT AS PER THE SUPPLIER
140	⊕	3/4"	2 1/2"	LENGTH OF "PROJ." SHOWN IS FOR ONE NUT + ONE WASHER
0	⊕	7/8"	2 3/4"	NUTS & WASHERS BY SUPPLIER
40	⊕	1"	3"	ANCHOR BOLTS NOT BY RIGID GLOBAL BUILDINGS
0	⊕	1 1/8"	3 1/2"	
0	⊕	1 1/2"	3 1/2"	

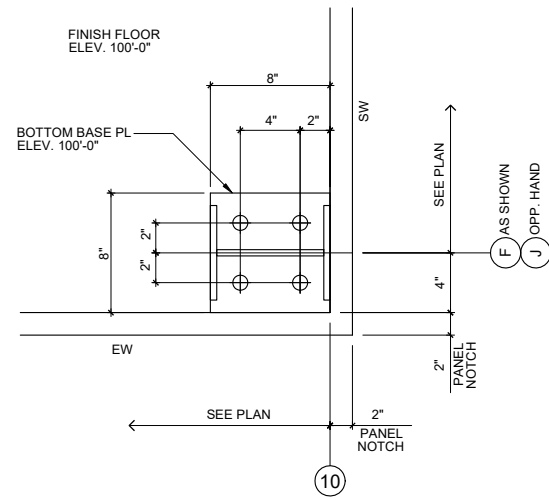
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



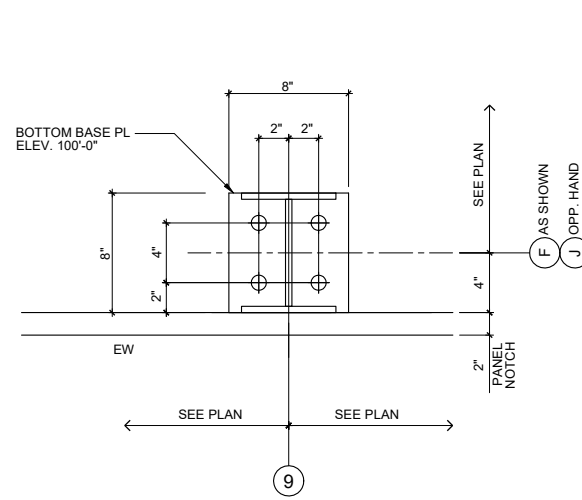
DESCRIPTION	ANCHOR BOLT DETAILS				
CUSTOMER	Cross Development, LLC				
END USER	Caliber Collision				
END USE	Commercial	BUILDING	A+B+C+D		
STREET	Midway Avenue & Chasewood Dr.				
CITY ST ZIP	Idaho Falls, ID 83406				
SALES NO.	74088	DWG NO.	163408-163411	SCALE	N.T.S.
ISSUE		DWG NO.	F002	ISSUE	0

Dia= 3/4"
Thk= 1/2"



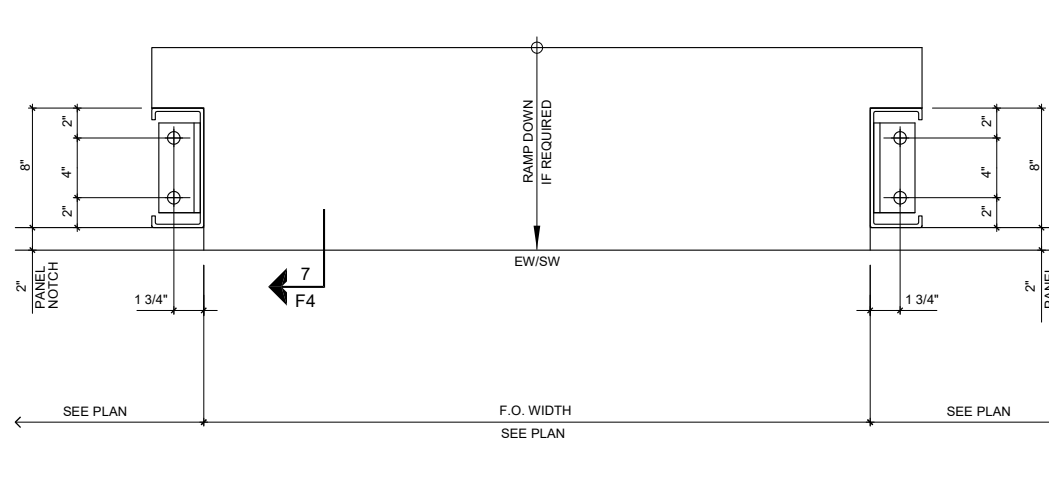
DETAIL - DA

Dia= 3/4"
Thk= 1/2"



DETAIL - DB

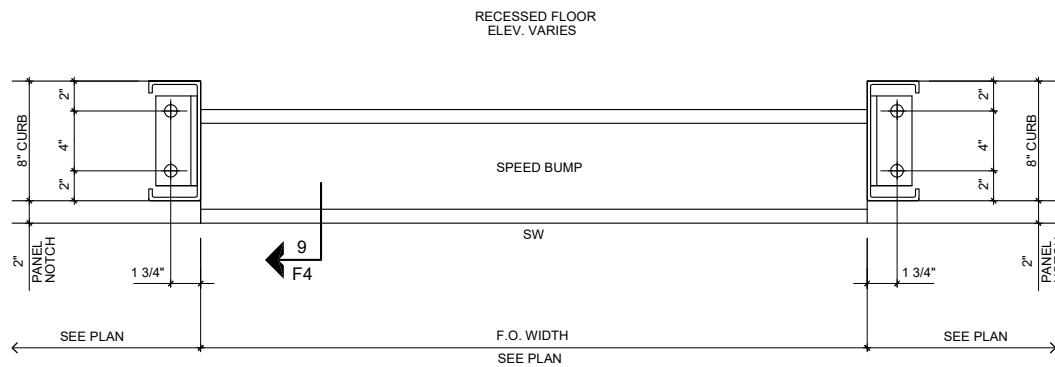
Dia= 5/8"
Thk= 1/4"



DETAIL - FO1

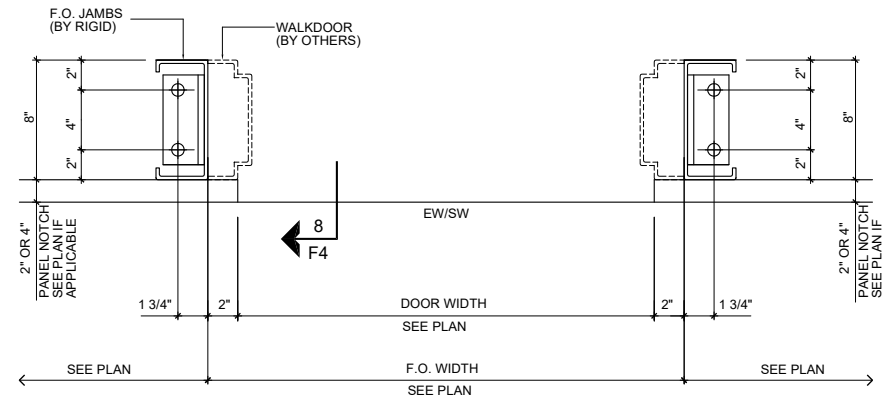
FOR CONSTRUCTION

Dia= 5/8"
Thk= 1/4"



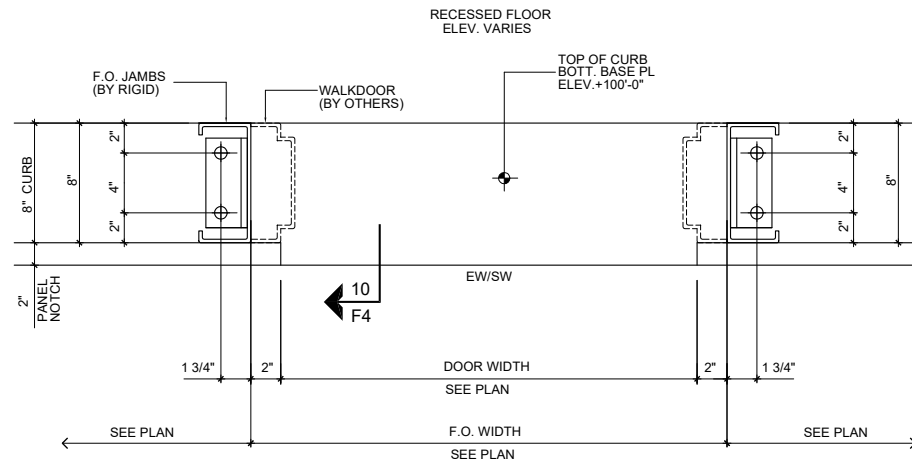
DETAIL - FO2

Dia= 5/8"
Thk= 1/4"



DETAIL - FO3

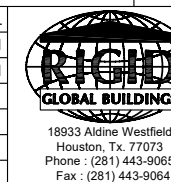
Dia= 5/8"
Thk= 1/4"



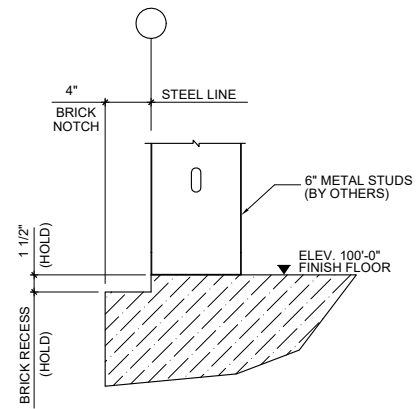
DETAIL - FO4

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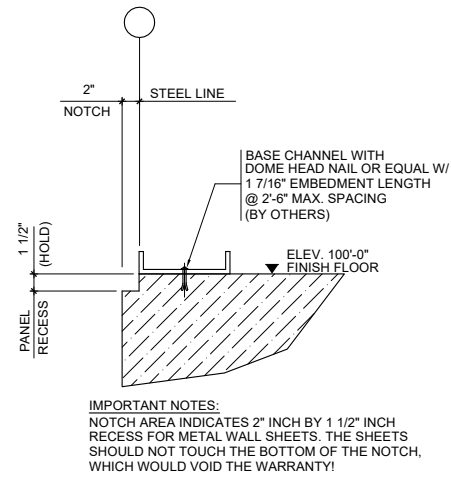
ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



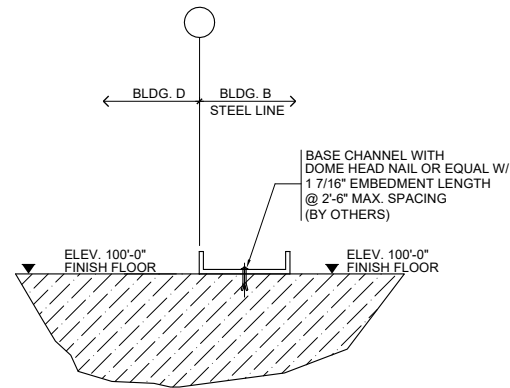
DESCRIPTION	ANCHOR BOLT DETAILS				
CUSTOMER	Cross Development, LLC				
END USER	Caliber Collision				
END USE	Commercial	BUILDING	A+B+C+D		
STREET	Midway Avenue & Chasewood Dr.				
CITY ST ZIP	Idaho Falls, ID 83406				
SALES NO.	74088	DWG NO.	163408-163411	SCALE	N.T.S.
		DWG NO.	F003	ISSUE	0



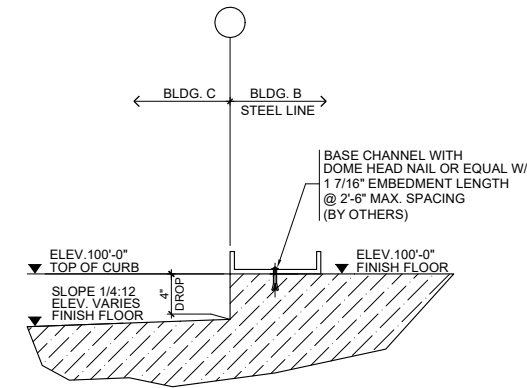
1 TYP. SECTION THRU BRICK RECESS



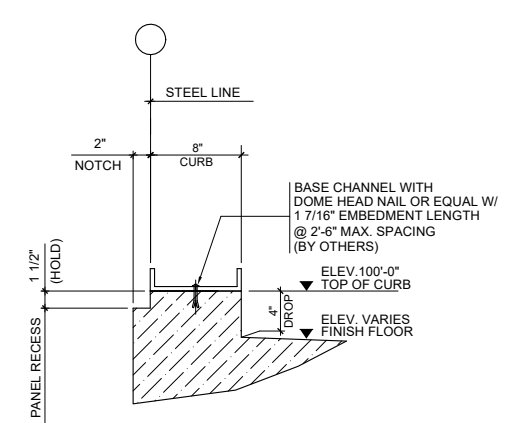
2 TYP. SECTION THRU PANEL RECESS



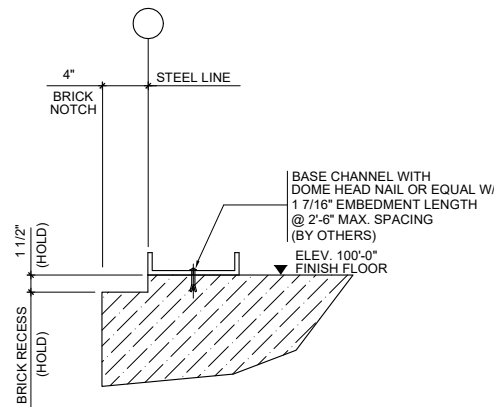
3 TYP. SECTION THRU FLOOR WITH NO TRANSITION PARTS STAGING



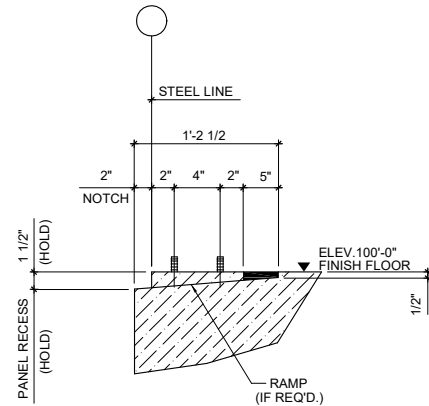
4 TYP. SECTION THRU FLOOR TRANSITION DETAIL BAY



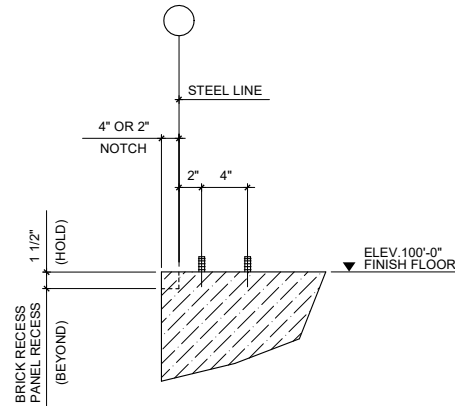
5 TYP. SECTION THRU CONCRETE CURB



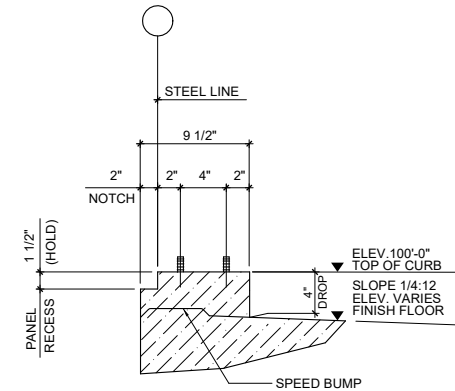
6 TYP. SECTION THRU CONCRETE CURB



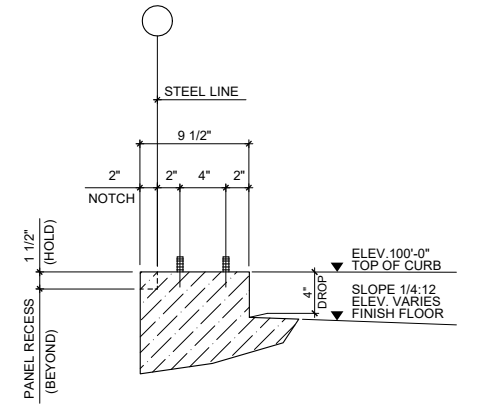
7 TYP. SECTION THRU FRAMED OPENING WITH OVER HEAD DOOR



8 TYP. SECTION THRU FRAMED OPENING WITH WALK DOOR



9 TYP. SECTION THRU FRAMED OPENING WITH OVERHEAD DOOR WITH CURB



10 TYP. SECTION THRU FRAMED OPENING WITH WALK DOOR WITH CURB

FOR CONSTRUCTION

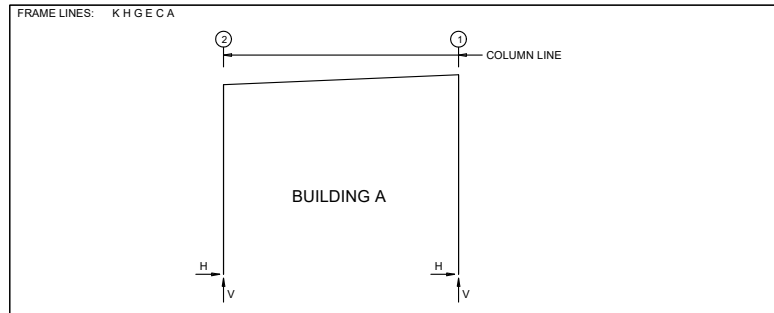
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ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



18933 Aldine Westfield
Houston, Tx. 77073
Phone : (281) 443-9065
Fax : (281) 443-9064

DESCRIPTION	ANCHOR BOLT DETAILS				
CUSTOMER	Cross Development, LLC				
END USER	Caliber Collision				
END USE	Commercial	BUILDING	A+B+C+D		
STREET	Midway Avenue & Chasewood Dr.				
CITY ST ZIP	Idaho Falls, ID 83406				
SALES NO.	74088	DWG NO.	163408-163411	SCALE	N.T.S.
				ISSUE	0



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
K	2	3	2.2	0.1	9	-2.3	4	0.750	8.000	15.500	0.500	0.0
		2	0.6	15.7	7	-1.9	-5.0					
K	1	10	2.3	-1.7	4	-1.8	4	0.750	8.000	15.500	0.500	0.0
		1	-0.7	8.1	8	-1.9	-2.5					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
H*	2	6	3.2	12.1	9	-3.5	4	0.750	8.000	15.000	0.500	0.0
		2	1.2	22.1	11	1.5	-10.0					
H*	1	10	3.6	-2.4	4	-3.3	4	0.750	8.000	15.500	0.500	0.0
		13	-0.8	17.7	14	-0.1	-10.2					

H* Frame lines: H G E

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
C	2	3	3.9	2.5	9	-3.8	4	0.750	8.000	15.500	0.500	0.0
		2	1.2	20.8	7	-3.0	-7.1					
C	1	10	3.5	-4.0	4	-3.1	4	0.750	8.000	15.500	0.500	0.0
		2	-1.2	14.1	8	2.8	-5.3					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
A	2	3	3.5	2.2	9	-3.1	4	0.750	8.000	15.500	0.500	0.0
		2	1.0	20.2	7	-2.7	-6.1					
A	1	10	2.7	-3.8	5	-2.2	4	0.750	8.000	15.000	0.500	0.0
		2	-1.0	13.5	8	2.3	-4.6					

- NOTES FOR REACTIONS**
- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
 - Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
 - Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
 - Building reactions are based on the following building data:
 - Width (ft) = 26.5
 - Length (ft) = 95.0
 - Eave Height (ft) = 21.4/22.5
 - Roof Slope (rise/12) = 0.5
 - Dead Load (psf) = 3.5
 - Collateral Load (psf) = 6.0
 - Live Load (psf) = 20.0
 - Snow Load (psf) = 32.9
 - Wind Speed (mph) = 115.0
 - Wind Code = IBC 18
 - Exposure = C
 - Closed/Open = C
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = C
 - Seismic Coeff (Fa/Ss) = 0.60
 - Loading conditions are:
 - Dead+Collateral+Snow
 - Dead+Collateral+Snow+Snow_Drift
 - Dead+0.6Wind_Right1
 - Dead+Collateral+0.75Snow+0.45Wind_Left1
 - Dead+Collateral+0.75Snow+0.45Wind_Left1+0.75Snow_Drift
 - Dead+Collateral+0.75Snow+0.45Wind_Right1
 - 0.6Dead+0.6Wind_Left1
 - 0.6Dead+0.6Wind_Right1
 - 0.6Dead+0.6Wind_Left2
 - 0.6Dead+0.6Wind_Right2
 - 0.6Dead+0.6Wind_Long1L
 - 1.06Dead+1.06Collateral+0.75Seismic_Right
 - 1.04Dead+1.04Collateral+0.75Live+0.53Seismic_LongR
 - 0.54Dead+0.7Seismic_LongL
 - 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	----Dead----	---Collateral---	----Live----	-----Snow----	--Snow_Drift--	--Slide_Snow--
K	1	0.1	0.1	0.3	0.5	6.3	0.0
		-0.1	1.5	-0.1	1.0	-0.3	3.4

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
H*	2	0.1	1.2	0.2	1.4	0.6	7.9	0.9	13.4	-0.1	6.1	0.0
		-0.1	2.0	-0.2	2.0	-0.6	6.5	-0.9	10.7	0.1	-6.2	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
H*	2	-4.4	-12.6	4.9	-1.2	-6.0	-9.5	3.4	1.9	2.4	-17.9	2.5
		-1.9	-2.8	1.9	2.8	0.3	3.4					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
C	2	3	3.9	2.5	9	-3.8	4	0.750	8.000	15.500	0.500	0.0
		2	1.2	20.8	7	-3.0	-7.1					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
A	2	3	3.5	2.2	9	-3.1	4	0.750	8.000	15.500	0.500	0.0
		2	1.0	20.2	7	-2.7	-6.1					

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Wind Press	Wind Suct
K	2	0.3	-2.4	2.8
		0.3	-2.6	3.0

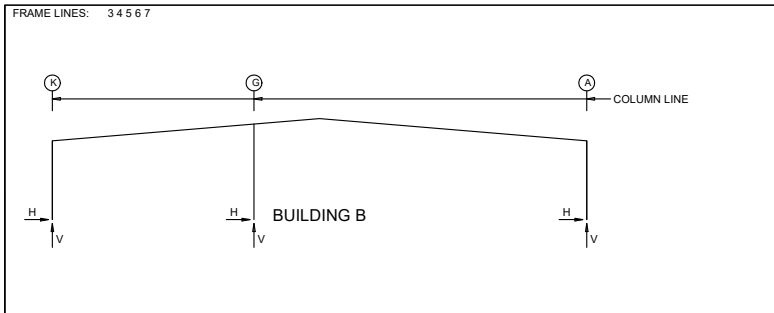
ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
K	2	15	1.7	0.2	16	-1.4	0.2	4	0.750	8.000	8.500	0.375
		12	0.0	0.3								

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	Reactions(k)	Panel Shear (lb/ft)	Note		
L,EW	K				(h)		
F,SW	1	G,E	3.7	7.6	7.7	16.1	(b)
R,EW	A					(h)	
B,SW	2	G,E	4.9	9.6	3.9	7.7	(b)

(b) Wind bent in bay, base above finish floor
(h) Rigid frame at endwall



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
3	K	1	17.0	17.9	3	-2.7	-2.9	4	1.000	8.000	13.000	0.500
		3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
3	A	4	3.0	-4.2	1	-17.0	31.6	4	1.000	8.000	13.000	0.500
		1	-17.0	31.6	7	1.4	-4.3					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
4*	K	11	20.9	8.9	3	-4.0	-4.2	4	1.000	8.000	13.000	0.500
		10	10.7	21.6	5	-0.4	-5.3					

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
6	K	14	13.1	5.0	3	-3.5	-3.9	4	1.000	8.000	14.000	0.500
		12	7.0	19.1								

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	----Dead----	---Collateral---	----Live----	-----Snow----	--Snow_Drift--	--Wind_Left1--
3	K	1.4	1.9	1.9	1.5	5.3	5.7
		-1.4	2.9	-1.9	3.2	-5.3	9.9

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
4*	K	2.1	2.7	2.8	2.6	8.5	9.4	13.9	15.4	0.8	0.1	-8.7
		-2.1	4.4	-2.8	5.1	-5.1	16.1	-13.9	26.5	-0.6	0.9	1.5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
6	A	-1.4	4.2	-1.8	4.7	-5.4	14.7	-8.9	24.2	-0.2	0.3	-8.3
		0.0	8.0	0.0	11.9	0.0	30.2	0.0	49.7	0.0	3.2	0.0

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
6	K	0.7	-3.0	-6.8	-5.6	1.3	-0.1	-1.0	-7.6	-3.2	-4.3	-4.6
		6.5	-13.0	-0.4	-2.6	6.0	-7.2	1.7	-8.8	2.5	-13.4	-1.8

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
6	K	4.8	1.7	5.4	7.3	3.8	14.9	10.0	-0.3			
		1.8	-0.3	-5.4	14.7	-3.9	7.7	-9.8	27.7			

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Collat	Live	Snow	Drift	Wind_Left1	Wind_Right1	Wind_Left2	Wind_Right2	
8	A	-1.9	-2.6	-8.6	-14.1	0.2	0.0	-16.7	0.0	6.1	0.0
		4.5	4.6	17.7	29.0	2.0	5.1	4.1	0.0	-11.0	2.1

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
8	A	-0.2	0.2	0.0	9.9	0.0	6.0	0.0	-1.5	0.0	1.5	0.0
		1.6	1.8	0.0	11.7	0.5	-12.3	5.3	-1.1	0.0	-10.2	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

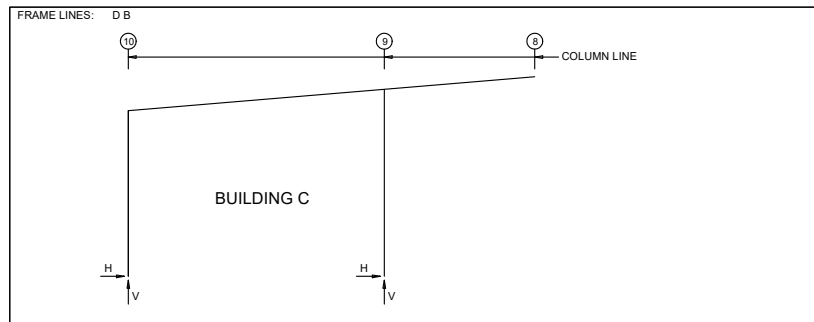
Frm Line	Col Line	Load Id	Hmax	V	Hmin	Vmin	Bolt(n) Qty	Dia	Base_Plate(n) Width	Length	Thick	Grout (in)
8	A	21	0.1	-11.9	22	-0.1	1.7	4	0.750	8.000	8.500	0.500
		15	0.1	4.8	2	0.0	-22.5					

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	Reactions(k)	Panel Shear (lb/ft)	Note	
L,EW	2	Braced By Building A			0	
F,SW	A	4,5	6.1	2.7	16.6	7.4
R,EW	8	B,D	5.1	2.7	5.3	2.9
B,SW	K	4,3	6.1	2.7	16.6	7.4

- NOTES FOR REACTIONS**
- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
 - Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
 - Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
 - Building reactions are based on the following building data:
 - Width (ft) = 95.0
 - Length (ft) = 141.8
 - Eave Height (ft) = 14.0/14.0
 - Roof Slope (rise/12) = 1.0/ 1.0
 - Dead Load (psf) = 3.5
 - Collateral Load (psf) = 6.0
 - Live Load (psf) = 20.0
 - Snow Load (psf) = 32.9
 - Wind Speed (mph) = 115.0
 - Wind Code = IBC 18
 - Exposure = C
 - Closed/Open = C
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = C
 - Seismic Coeff (Fa/Ss) = 0.60
 - Loading conditions are:
 - Dead+Collateral+Snow+Snow_Drift
 - Dead+Collateral+0.75Snow+0.45Wind_Left1+0.75Slide_Snow
 - 0.6Dead+0.6Wind_Left1
 - 0.6Dead+0.6Wind_Right1
 - 0.6Dead+0.6Wind_Long1L
 - 0.6Dead+0.6Wind_Long1R
 - 0.6Dead+0.6Wind_Long2L
 - 0.6Dead+0.6Wind_Long2R
 - 0.54Dead+0.7Seismic_LongL
 - 0.6Dead+0.6Wind_Long2L
 - 1.04Dead+1.04Collateral+0.52Seismic_Right+0.75F3UNB_SL_R
 - 0.6Dead+0.6Wind_Suction+0.6Wind_Long1

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RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)		Grout (in)			
		Load Id	Hmax	V Vmax	Load Id			Width	Length		Thick		
D*	10	2	0.6	-0.1	4	-0.6	-0.3	4	0.750	8.000	8.500	0.500	0.0
	8	0.1	4.4	5	0.6	-0.9							
D*	9	3	0.0	-2.1	5	0.0	-2.1	4	0.750	8.000	8.500	0.500	0.0
	1	0.0	12.4										

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Snow_Drift---		---Wind_Left1---	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
D*	10	0.0	0.7	0.0	0.3	0.0	2.0	0.1	3.3	0.0	-0.1	-0.5	-2.1
D*	9	0.0	1.5	0.0	0.7	0.0	4.8	0.0	7.9	0.0	2.3	0.0	-5.1

Frame Line	Column Line	-Wind_Right1-		-Wind_Left2-		-Wind_Right2-		-Wind_Long1-		-Wind_Long2-		-Seismic_Left	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
D*	10	0.8	-1.4	-1.0	-1.3	0.2	-0.5	0.9	-2.2	0.9	-1.4	0.0	0.0
D*	9	0.0	0.0	-3.3	0.0	-1.2	0.0	-5.1	0.0	-3.0	0.0	0.0	0.0

Frame Line	Column Line	Seismic_Right		-Seismic_Long		-MIN_SNOW-		F1PAT_SL_1-		F1PAT_SL_2-	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
D*	10	0.0	0.0	0.0	0.0	0.0	2.0	0.0	1.7	0.0	-0.1
D*	9	0.0	0.0	0.0	0.0	0.0	4.8	0.0	2.6	0.0	1.3

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Wind		-MIN_SNOW-		E1PAT_SL_1-		E1PAT_SL_2-	
		Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
D	9	-1.4	1.6	0.0	5.0	0.0	2.8	0.0	1.3

Frm Line	Col Line	Wind		-MIN_SNOW-		E2PAT_SL_1-		E2PAT_SL_2-	
		Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
B	9	-1.4	1.6	0.0	5.0	0.0	1.3	0.0	2.8

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)		Grout (in)
		Load Id	Hmax	V Vmax	Load Id			Width	Length	
D	9	9	0.9	-2.3	10	-0.8	-2.3			
	1	0.0	12.9							
B	9	13	0.9	-2.3	10	-0.8	-2.2			
	1	0.0	12.9	13	0.9	-2.3				

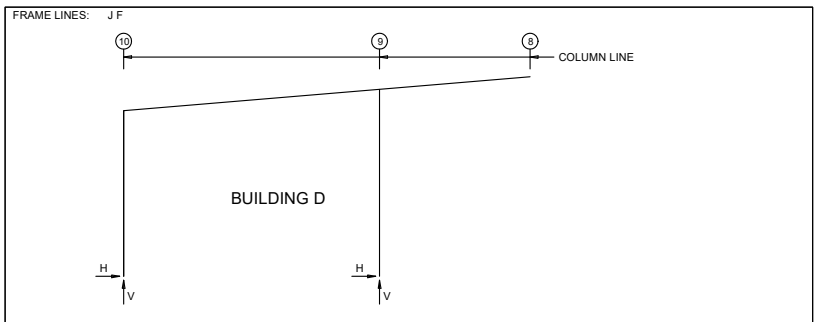
*See Rigid Frame Interior Column Reactions

BUILDING BRACING REACTIONS

---Wall Loc	---Col Line	Reactions(k)				Panel Shear (lb/ft)		Note	
		---Wind---	---Seismic---	---Wind---	---Seismic---	Wind	Seis		
L_EW	D							(h)	
F_SW	8							(f)	
R_EW	B							(f)	
B_SW	10	Torsional Bracing Used							

(f)Bracing loads are applied to adjacent building
(h)Rigid frame at endwall

- NOTES FOR REACTIONS**
- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
 - Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
 - Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
 - Building reactions are based on the following building data:
 - Width (ft) = 27.0
 - Length (ft) = 27.9
 - Eave Height (ft) = 11.0/ 13.3
 - Roof Slope (rise/12) = 1.0
 - Dead Load (psf) = 5.0
 - Collateral Load (psf) = 3.0
 - Live Load (psf) = 20.0
 - Snow Load (psf) = 32.9
 - Wind Speed (mph) = 115.0
 - Wind Code = IBC 18
 - Exposure = C
 - Close/Open = C
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = C
 - Seismic Coeff (Fa/Ss) = 0.60
 - Loading conditions are:
 - 1 Dead+Collateral+Snow+Snow_Drift
 - 2 Dead+0.6Wind_Long2R
 - 3 0.6Dead+0.6Wind_Left1
 - 4 0.6Dead+0.6Wind_Left2
 - 5 0.6Dead+0.6Wind_Long1R
 - 6 0.6Dead+0.6Wind_Long2R
 - 7 1.0Dead+1.0Collateral+0.7Seismic_Long
 - 8 Dead+Collateral+Snow+2F1PAT_SL_1
 - 9 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
 - 10 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - 11 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 12 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 13 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)		Grout (in)			
		Load Id	Hmax	V Vmax	Load Id			Width	Length		Thick		
J*	10	2	0.6	-0.1	4	-0.7	-0.4	4	0.750	8.000	8.500	0.500	0.0
	8	0.1	4.7	5	0.6	-0.9							
J*	9	3	0.0	-2.3	5	0.0	-2.3	4	0.750	8.000	8.500	0.500	0.0
	1	0.0	13.3										

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	---Dead---		---Collateral---		---Live---		---Snow---		---Snow_Drift---		---Wind_Left1---	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
J*	10	0.0	0.8	0.0	0.3	0.1	2.2	0.1	3.6	0.0	-0.1	-0.5	-2.2
J*	9	0.0	1.6	0.0	0.8	0.0	5.2	0.0	8.5	0.0	2.4	0.0	-5.4

Frame Line	Column Line	-Wind_Right1-		-Wind_Left2-		-Wind_Right2-		-Wind_Long1-		-Wind_Long2-		-Seismic_Left	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
J*	10	0.8	-1.5	-1.1	-1.4	0.2	-0.6	1.0	-2.3	1.0	-1.5	0.0	0.0
J*	9	0.0	0.0	-3.3	0.0	-3.5	0.0	-5.4	0.0	-5.4	0.0	0.0	0.0

Frame Line	Column Line	Seismic_Right		-Seismic_Long		-MIN_SNOW-		F1PAT_SL_1-		F1PAT_SL_2-	
		Line	Line	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
J*	10	0.0	0.0	0.0	0.0	0.1	2.2	0.0	1.9	0.0	-0.1
J*	9	0.0	0.0	0.0	0.0	0.0	5.2	0.0	2.8	0.0	1.4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Wind		-MIN_SNOW-		E1PAT_SL_1-		E1PAT_SL_2-	
		Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
J	9	-1.4	1.6	0.0	5.4	0.0	3.0	0.0	1.4

Frm Line	Col Line	Wind		-MIN_SNOW-		E2PAT_SL_1-		E2PAT_SL_2-	
		Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
F	9	-1.4	1.6	0.0	5.4	0.0	1.4	0.0	3.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)				Bolt(in) Qty	Dia	Base_Plate(in)		Grout (in)
		Load Id	Hmax	V Vmax	Load Id			Width	Length	
J	9	9	0.9	-2.4	10	-0.8	-2.4			
	1	0.0	13.7							
F	9	13	0.9	-2.4	10	-0.8	-2.4			
	1	0.0	13.7	13	0.9	-2.4				

*See Rigid Frame Interior Column Reactions

BUILDING BRACING REACTIONS

---Wall Loc	---Col Line	Reactions(k)				Panel Shear (lb/ft)		Note	
		---Wind---	---Seismic---	---Wind---	---Seismic---	Wind	Seis		
L_EW	J							(h)	
F_SW	8							(f)	
R_EW	F							(f)	
B_SW	10	Torsional Bracing Used							

(f)Bracing loads are applied to adjacent building
(h)Rigid frame at endwall

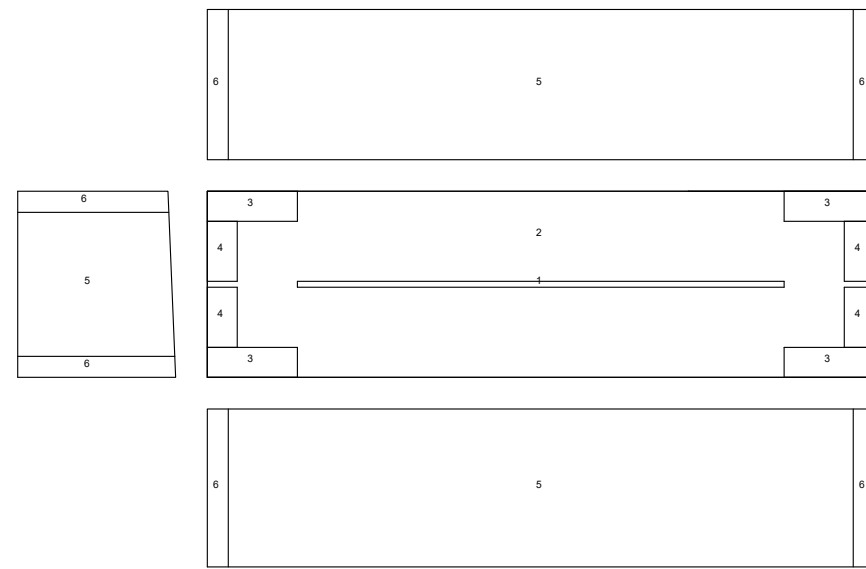
- NOTES FOR REACTIONS**
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 - Building reactions are based on the following building data:
 - Width (ft) = 27.0
 - Length (ft) = 29.8
 - Eave Height (ft) = 11.0/ 13.3
 - Roof Slope (rise/12) = 1.0
 - Dead Load (psf) = 5.0
 - Collateral Load (psf) = 3.0
 - Live Load (psf) = 20.0
 - Snow Load (psf) = 32.9
 - Wind Speed (mph) = 115.0
 - Wind Code = IBC 18
 - Exposure = C
 - Close/Open = C
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = C
 - Seismic Coeff (Fa/Ss) = 0.60
 - Loading conditions are:
 - 1 Dead+Collateral+Snow+Snow_Drift
 - 2 Dead+0.6Wind_Long2R
 - 3 0.6Dead+0.6Wind_Left1
 - 4 0.6Dead+0.6Wind_Left2
 - 5 0.6Dead+0.6Wind_Long1R
 - 6 0.6Dead+0.6Wind_Long2R
 - 7 1.0Dead+1.0Collateral+0.7Seismic_Left
 - 8 Dead+Collateral+Snow+2F1PAT_SL_1
 - 9 0.6Dead+0.6Wind_Left1+0.6Wind_Suction
 - 10 0.6Dead+0.6Wind_Pressure+0.6Wind_Long1L
 - 11 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 12 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 13 0.6Dead+0.6Wind_Suction+0.6Wind_Long1L

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



DESCRIPTION	ANCHOR BOLT REACTIONS				
CUSTOMER	Cross Development, LLC				
END USER	Caliber Collision				
END USE	Commercial	BUILDING	C+D		
STREET	Midway Avenue & Chasewood Dr.				
CITY ST ZIP	Idaho Falls, ID 83406				
SALES NO.	74088	DWG NO.	163408-163411	SCALE	N.T.S.
				DATE	F006
				ISSUE	0

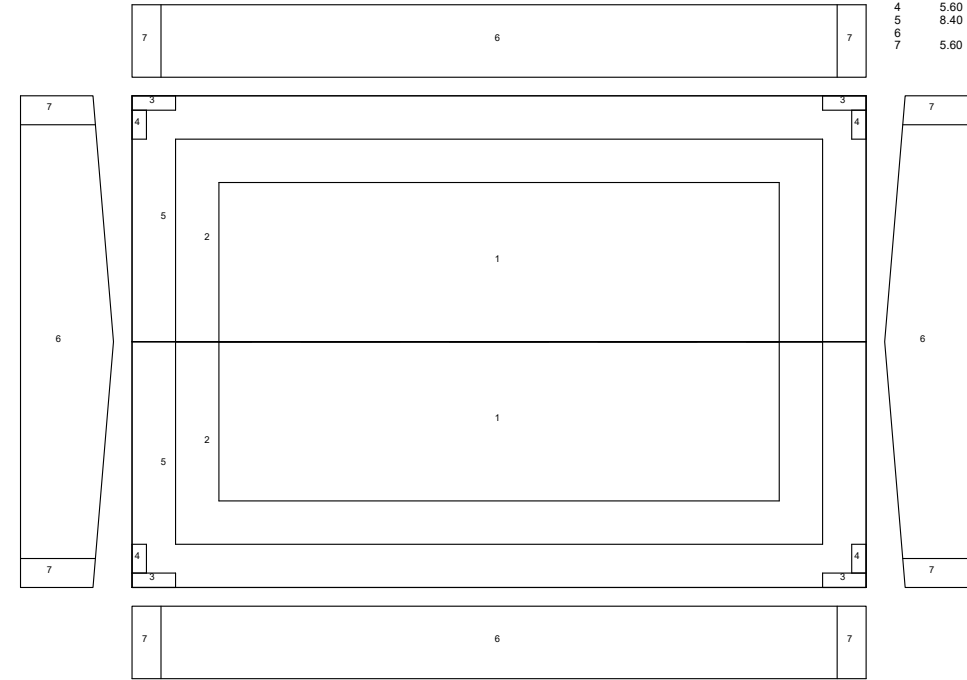


Zone	Width (ft)	Length (ft)	Components & Cladding (Factored)			
			Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	-19.48	-24.92
2	12.84	12.84	10.08	10.08	-25.92	-32.94
3	4.28	12.84	10.08	10.08	-30.79	-44.83
4	8.56	4.28	10.08	10.08	-30.79	-44.83
5			12.24	14.34	-13.38	-15.54
6	3.00		12.24	14.34	-14.85	-19.11

(+) wind towards surface
(-) wind away from surface

Building A

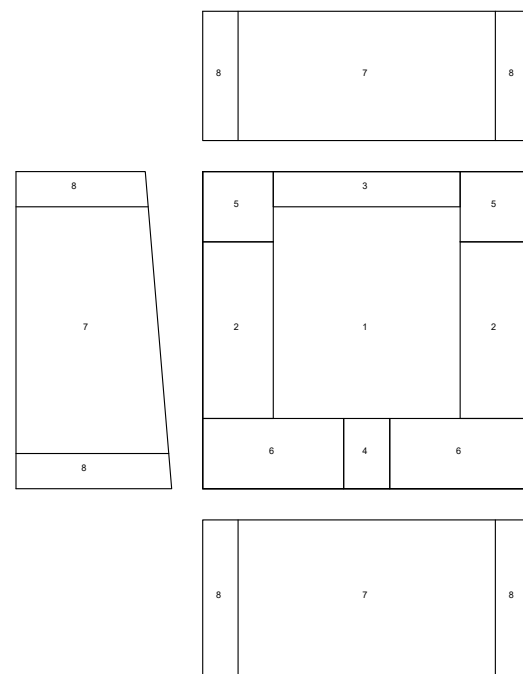
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Zone	Width (ft)	Length (ft)	Components & Cladding (Factored)			
			Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	-13.36	-13.36
2	8.40	8.40	10.08	10.08	-18.17	-23.25
3	2.80	8.40	10.08	10.08	-28.73	-41.82
4	5.60	2.80	10.08	10.08	-28.73	-41.82
5	8.40	8.40	10.08	10.08	-24.19	-30.73
6			11.40	13.38	-12.48	-14.46
7	5.60		11.40	13.38	-13.85	-17.79

(+) wind towards surface
(-) wind away from surface

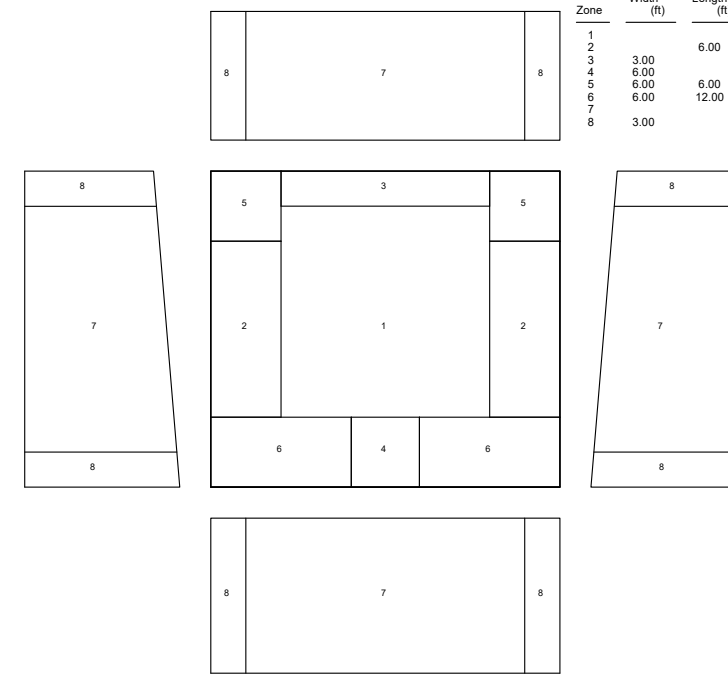
Building B



Zone	Width (ft)	Length (ft)	Components & Cladding (Factored)			
			Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	-15.83	-15.83
2			10.08	10.08	-20.74	-22.01
3	3.00	6.00	10.08	10.08	-17.10	-18.37
4	6.00	6.00	10.08	10.08	-20.74	-22.01
5	6.00	6.00	10.08	10.08	-17.10	-24.54
6	6.00	12.00	10.08	10.08	-22.01	-34.36
7			11.40	13.38	-12.48	-14.46
8	3.00		11.40	13.38	-13.85	-17.79

(+) wind towards surface
(-) wind away from surface

Building C



Zone	Width (ft)	Length (ft)	Components & Cladding (Factored)			
			Pressure(psf) Member	Panel	Suction(psf) Member	Panel
1			10.08	10.08	-15.83	-15.83
2			10.08	10.08	-20.74	-22.01
3	3.00	6.00	10.08	10.08	-17.10	-18.37
4	6.00	6.00	10.08	10.08	-20.74	-22.01
5	6.00	6.00	10.08	10.08	-17.10	-24.54
6	6.00	12.00	10.08	10.08	-22.01	-34.36
7			11.40	13.38	-12.48	-14.46
8	3.00		11.40	13.38	-13.85	-17.79

(+) wind towards surface
(-) wind away from surface

Building D

SEALING OF THIS DRAWING DOES NOT IMPLY OR CONSTITUTE THAT RIGID GLOBAL ENGINEER IS THE ENGINEER OF RECORD OR THE DESIGN PROFESSIONAL FOR THIS PROJECT. ONLY THE DESIGN OF THE METAL BUILDING SYSTEM AS FURNISHED BY RIGID IS INCLUDED. FOUNDATION ANALYSIS, ELECTRICAL, AND MECHANICAL SYSTEMS, AND/OR OTHER PARTS SUPPLIED BY ANYONE OTHER THAN RIGID ARE SPECIFICALLY EXCLUDED. NO INSPECTION OR SUPERVISION IS IMPLIED.

ISSUE	DESCRIPTION	DATE	DRN.	CHK.	DES.
A	CONFIRMATION/PERMIT	02/27/23	RLM	RLM	RLM
0	CONSTRUCTION	02/28/23	GQG	YYJ	RLM



DESCRIPTION	WIND DESIGN CALCULATION				
CUSTOMER	Cross Development, LLC				
END USER	Caliber Collision				
END USE	Commercial	BUILDING	A+B+C+D		
STREET	Midway Avenue & Chasewood Dr.				
CITY ST ZIP	Idaho Falls, ID 83406				
SALES NO.	74088	DWG NO.	163408-163411	SCALE	N.T.S.
				DATE	F007
				ISSUE	0