



BASE PLATE DETAILS

Maximum Endwall Column Reactions						
LN	Location	Dead Load	Live Load	Wind Load (Ver)	Wind Load (Hor)	Wind Load (Mom)
1	Interior Column	1.0	0.0	0.0	5.3	0.0
6	Interior Column	1.0	0.0	0.0	5.3	0.0

REACTIONS

Main Frame Reactions at Lines: 1 - 3

NOTE: All reactions are shown in Kips. A negative value, indicates opposite direction.

Condition	Grid	Ver	Hor	Mom
DL	A	3.3	1.7	0.0
DL	G	3.3	-1.7	0.0
DL + LL + CL	A	21.1	12.1	0.0
DL + LL + CL	G	21.1	-12.1	0.0
0.6*DL + WLL	A	-12.3	-8.6	0.0
0.6*DL + WLL	G	-7.6	2.1	0.0
0.6*DL + WL2	A	-6.2	-6.9	0.0
0.6*DL + WL2	G	-1.6	0.4	0.0
0.6*DL + WLR	A	-7.6	-2.1	0.0
0.6*DL + WLR	G	-12.3	8.6	0.0
0.6*DL + WR2	A	-1.6	-0.4	0.0
0.6*DL + WR2	G	-6.2	6.9	0.0
1.248*DL + 1.248*CL + EQL	A	10.0	4.8	0.0
1.248*DL + 1.248*CL + EQL	G	11.3	-7.0	0.0
1.248*DL + 1.248*CL + EQR	A	11.3	7.0	0.0
1.248*DL + 1.248*CL + EQR	G	10.0	-4.8	0.0
0.852*DL + EQL	A	2.2	0.3	0.0
0.852*DL + EQL	G	3.4	-2.5	0.0
0.852*DL + EQR	A	3.4	2.5	0.0
0.852*DL + EQR	G	2.2	-0.3	0.0

Main Frame Reactions at Lines: 4 & 5

NOTE: All reactions are shown in Kips. A negative value, indicates opposite direction.

Condition	Grid	Ver	Hor	Mom
DL	A	3.7	1.7	0.0
DL	G	3.3	-1.7	0.0
DL + LL + CL	A	24.8	11.9	0.0
DL + LL + CL	G	20.9	-11.9	0.0
0.6*DL + WLL	A	-16.5	-8.0	0.0
0.6*DL + WLL	G	-7.5	2.0	0.0
0.6*DL + WL2	A	-10.4	-6.3	0.0
0.6*DL + WL2	G	-1.5	0.2	0.0
0.6*DL + WLR	A	-8.5	-2.0	0.0
0.6*DL + WLR	G	-12.3	8.6	0.0
0.6*DL + WR2	A	-2.5	-0.2	0.0
0.6*DL + WR2	G	-6.2	6.8	0.0
1.248*DL + 1.248*CL + EQL	A	11.7	4.7	0.0
1.248*DL + 1.248*CL + EQL	G	11.2	-6.9	0.0
1.248*DL + 1.248*CL + EQR	A	12.9	6.9	0.0
1.248*DL + 1.248*CL + EQR	G	9.9	-4.7	0.0
0.852*DL + EQL	A	2.5	0.3	0.0
0.852*DL + EQL	G	3.4	-2.5	0.0
0.852*DL + EQR	A	3.7	2.5	0.0
0.852*DL + EQR	G	2.2	-0.3	0.0

Main Frame Reactions at Line: 6

NOTE: All reactions are shown in Kips. A negative value, indicates opposite direction.

Condition	Grid	Ver	Hor	Mom
DL	A	2.3	1.0	0.0
DL	G	2.1	-1.0	0.0
DL + LL + CL	A	13.6	6.0	0.0
DL + LL + CL	G	11.5	-6.0	0.0
0.6*DL + WLL	A	-8.7	-4.0	0.0
0.6*DL + WLL	G	-3.8	0.7	0.0
0.6*DL + WL2	A	-5.4	-3.2	0.0
0.6*DL + WL2	G	-0.6	-0.1	0.0
0.6*DL + WLR	A	-4.4	-0.8	0.0
0.6*DL + WLR	G	-6.4	4.3	0.0
0.6*DL + WR2	A	-1.1	0.1	0.0
0.6*DL + WR2	G	-3.1	3.5	0.0
1.248*DL + 1.248*CL + EQL	A	6.6	2.3	0.0
1.248*DL + 1.248*CL + EQL	G	6.5	-3.7	0.0
1.248*DL + 1.248*CL + EQR	A	7.4	3.7	0.0
1.248*DL + 1.248*CL + EQR	G	5.7	-2.3	0.0
0.852*DL + EQL	A	1.6	0.1	0.0
0.852*DL + EQL	G	2.2	-1.5	0.0
0.852*DL + EQR	A	2.4	1.5	0.0
0.852*DL + EQR	G	1.4	-0.1	0.0

Partial Frame at lines: 3 and 4

NOTE: All reactions are shown in Kips. A negative value, indicates opposite direction.

Condition	Grid	Ver	Hor	Mom
DL	3/4	0.9	0.0	0.0
DL	4/3	0.9	0.0	0.0
0.6*DL + WLL	3/4	-4.4	-3.7	0.0
0.6*DL + WLL	4/3	5.6	-3.7	0.0
0.6*DL + WL2	3/4	0.6	0.0	0.0
0.6*DL + WL2	4/3	0.6	0.0	0.0
0.6*DL + WLR	3/4	5.6	3.7	0.0
0.6*DL + WLR	4/3	-4.4	3.7	0.0
0.6*DL + WR2	3/4	0.6	0.0	0.0
0.6*DL + WR2	4/3	0.6	0.0	0.0
1.248*DL + 1.248*CL + EQL	3/4	-2.7	-2.9	0.0
1.248*DL + 1.248*CL + EQL	4/3	5.1	-2.9	0.0
1.248*DL + 1.248*CL + EQR	3/4	5.1	3.0	0.0
1.248*DL + 1.248*CL + EQR	4/3	-2.7	2.8	0.0
0.852*DL + EQL	3/4	-3.1	-2.9	0.0
0.852*DL + EQL	4/3	4.7	-2.9	0.0
0.852*DL + EQR	3/4	4.7	2.9	0.0
0.852*DL + EQR	4/3	-3.1	2.9	0.0

CITY OF PHOENIX
Development Services Department
BY: (KUSH BINAZAY)
JUN 19 2007
This set of plans has been reviewed for SUBMITTAL and compliance with the requirements of the Building Permit, and shall be kept at this construction site. Each review shall not prevent the Building Official from requiring correction of errors in the plans, where such errors are subsequently found to be in violation of any law or ordinance.

Framed Opening Schedule

MK	QTY	SIZE	Description
F1	ONE	12-0 x 14-0	O.H. DOOR (BY OTHER)
F2	ONE	12-0 x 14-0	O.H. DOOR (BY OTHER)
F3	ONE	24-0 x 14-0	O.H. DOOR (BY OTHER)

DRAWING STATUS

ISSUE	DATE	DESCRIPTION	BY	CK'D
0	1/23/07		JAC	BB
1	3/5/07		JAC	BB
2			DGW	BH
3			DGW	BB

metallic building company
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Project: BASE PLATE DETAIL AND REACTION
Customer: YELLOWKNIFE BUILDING SYSTEMS Owner: NATIONAL WATER WORKS
Location: PHOENIX, AZ

CAD	Date	Scale	Phase	Building ID	Job Number	Sheet Number	Issue
		N.T.S.	-	A	3505-233887	F2 OF 2	3

The engineer whose seal appears hereon is not the engineer of record for the overall project.