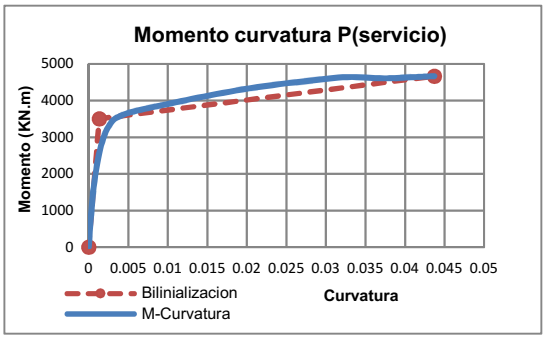
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M1 Y MUR-M1-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M1 Y MUR-M1-2	Piso 1	0.65	Serv Mayorada	2959.03
		1.8	Sismo	5095.28

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	2959.03	f`c(KN/m2)=	28000
Lp(m)=	0.65	fy(KN/m2)=	420000

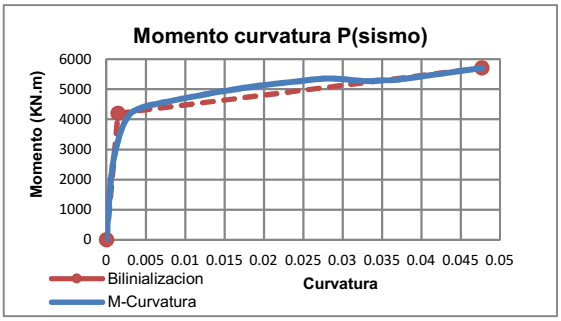


Curva 90°		
Punto	Curvature	Momento
1	0.00000	9.1
2	0.00063	1628.3
3	0.00157	2772.9
4	0.00283	3399.4
5	0.00440	3614.1
6	0.00628	3732.9
7	0.00848	3836.8
8	0.01100	3951.1
9	0.01380	4078.7
10	0.01700	4209.5
11	0.02040	4335.2
12	0.02420	4448.4
13	0.02830	4547.5
14	0.03270	4640.1
15	0.03740	4606.6
16	0.04240	4652.4
17	0.04370	4665.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3500	Øy=	0.001336	ψy=	0.00087
M max (KN.m)=	4665	Ømax=	0.04370	ψmax=	0.028405
Mmax/My=	1.333	Ømax/Øy=	32.71	ψmax/ψy=	32.707

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	5095.3	f`c(KN/m2)=	28000
Lp(m)=	0.65	fy(KN/m2)=	420000

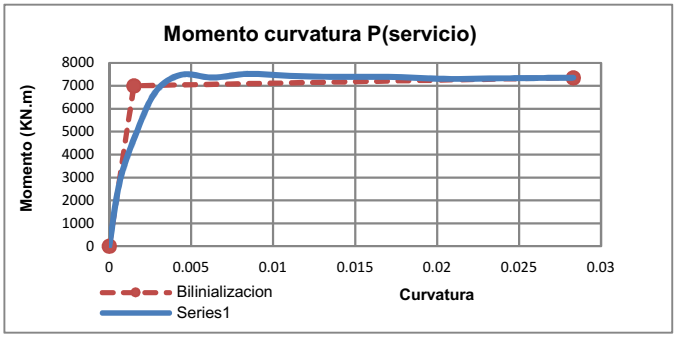


Curva 90°		
Punto	Curvature	Momento
1	0.00000	15.6
2	0.00063	2184.5
3	0.00157	3395.6
4	0.00283	4128.9
5	0.00440	4383.3
6	0.00628	4512.7
7	0.00848	4627.0
8	0.01100	4753.6
9	0.01380	4891.1
10	0.01700	5024.4
11	0.02040	5149.6
12	0.02420	5260.2
13	0.02830	5357.2
14	0.03270	5273.6
15	0.03500	5297.4
16	0.03690	5315.4
17	0.04770	5704.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4200	Øy=	0.001450	ψy=	0.00094
M max (KN.m)=	5705	Ømax=	0.04770	ψmax=	0.031005
Mmax/My=	1.358	Ømax/Øy=	32.90	ψmax/ψy=	32.897

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	2959.03	f`c(KN/m2)=	28000
Lp(m)=	0.65	fy(KN/m2)=	420000

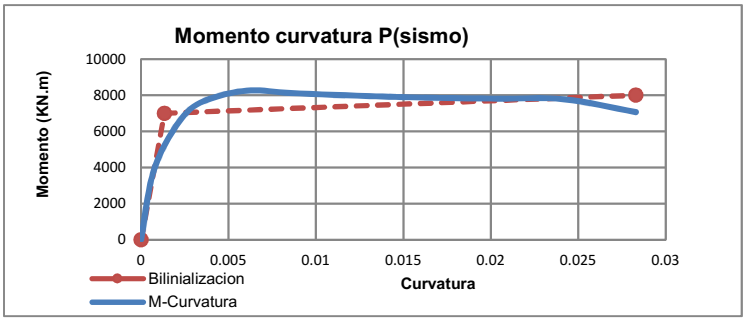


Curva 270°		
Punto	Curvature	Momento
1	0.00000	9.1
2	0.00063	2769.8
3	0.00157	4796.9
4	0.00283	6736.5
5	0.00440	7482.1
6	0.00628	7360.3
7	0.00848	7518.2
8	0.01100	7436.7
9	0.01380	7389.4
10	0.01700	7391.6
11	0.02040	7303.0
12	0.02420	7327.5
13	0.02830	7355.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	7000	Øy=	0.001500	ψy=	0.00098
M max (KN.m)=	7356	Ømax=	0.02830	ψmax=	0.018395
Mmax/My=	1.051	Ømax/Øy=	18.87	ψmax/ψy=	18.867

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	5095.3	f`c(KN/m2)=	28000
Lp(m)=	0.65	fy(KN/m2)=	420000

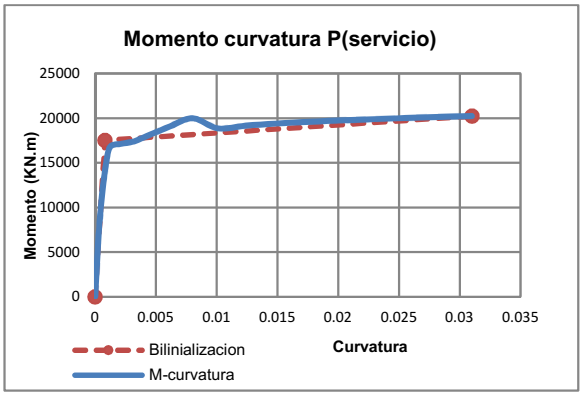


Curva 270°		
Punto	Curvature	Momento
1	0.00000	15.6
2	0.00063	3497.0
3	0.00157	5624.7
4	0.00283	7240.6
5	0.00440	7939.3
6	0.00628	8268.2
7	0.00848	8129.3
8	0.01100	8024.8
9	0.01380	7928.8
10	0.01700	7854.6
11	0.02040	7811.7
12	0.02420	7779.4
13	0.02830	7065.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	7000	Øy=	0.001340	ψy=	0.00087
M max (KN.m)=	8000	Ømax=	0.02830	ψmax=	0.018395
Mmax/My=	1.143	Ømax/Øy=	21.12	ψmax/ψy=	21.119

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	2959.03	f`c(KN/m2)=	28000
Lp(m)=	1.8	fy(KN/m2)=	420000

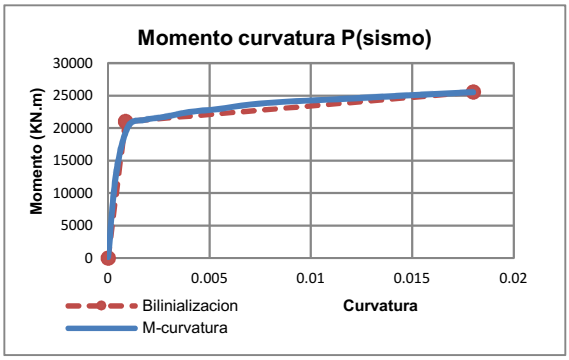


Curva 0°		
Punto	Curvature	Momento
1	0.00000	3.9
2	0.00046	9770.4
3	0.00115	16557.0
4	0.00207	17099.0
5	0.00321	17401.0
6	0.00459	18185.0
7	0.00620	19090.0
8	0.00803	19990.0
9	0.01010	18857.0
10	0.01240	19157.0
11	0.01490	19397.0
12	0.01770	19594.0
13	0.02070	19775.0
14	0.02390	19934.0
15	0.02730	20084.0
16	0.03100	20224.0
17	0.03490	1456.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	17500	Øy=	0.000814	ψy=	0.00147
M max (KN.m)=	20224	Ømax=	0.031	ψmax=	0.0558
Mmax/My=	1.156	Ømax/Øy=	38.09	ψmax/ψy=	38.088

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	5095.3	f`c(KN/m2)=	28000
Lp(m)=	1.8	fy(KN/m2)=	420000

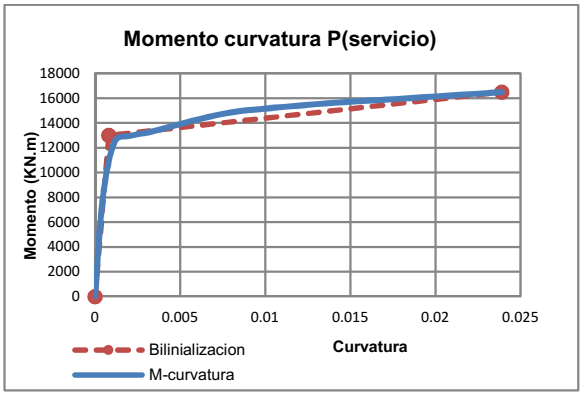


Curva 0°		
Punto	Curvature	Momento
1	0.00000	153.9
2	0.00040	13047.0
3	0.00100	20295.0
4	0.00180	21260.0
5	0.00280	21731.0
6	0.00400	22478.0
7	0.00540	22926.0
8	0.00700	23638.0
9	0.00880	24079.0
10	0.01080	24375.0
11	0.01300	24745.0
12	0.01540	25132.0
13	0.01800	25520.0
14	0.02080	12971.0
15	0.02380	13391.0
16	0.02700	13795.0
17	0.03040	5477.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	21000	Øy=	0.000857	ψy=	0.00154
M max (KN.m)=	25520	Ømax=	0.018	ψmax=	0.0324
Mmax/My=	1.215	Ømax/Øy=	21.00	ψmax/ψy=	21.004

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	2959.03	f`c(KN/m2)=	28000
Lp(m)=	1.8	fy(KN/m2)=	420000

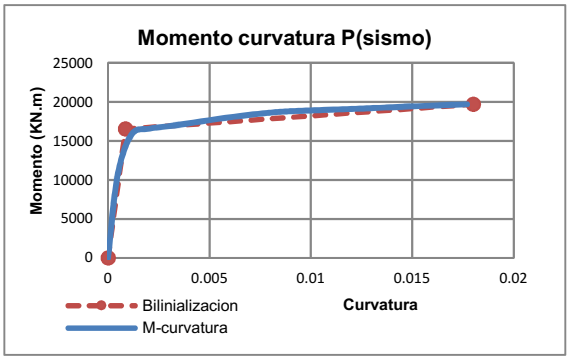


Curva 180°		
Punto	Curvature	Momento
1	0.00000	3.9
2	0.00046	8032.0
3	0.00115	12467.0
4	0.00207	12960.0
5	0.00321	13255.0
6	0.00459	13755.0
7	0.00620	14329.0
8	0.00803	14860.0
9	0.01010	15164.0
10	0.01240	15446.0
11	0.01490	15703.0
12	0.01770	15928.0
13	0.02070	16201.0
14	0.02390	16478.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	13000	Øy=	0.000814	ψy=	0.00147
M max (KN.m)=	16478	Ømax=	0.0239	ψmax=	0.04302
Mmax/My=	1.268	Ømax/Øy=	29.36	ψmax/ψy=	29.365

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M1 Y MUR-M1-2			
Pu (KN)=	5095.3	f`c(KN/m2)=	28000
Lp(m)=	1.8	fy(KN/m2)=	420000

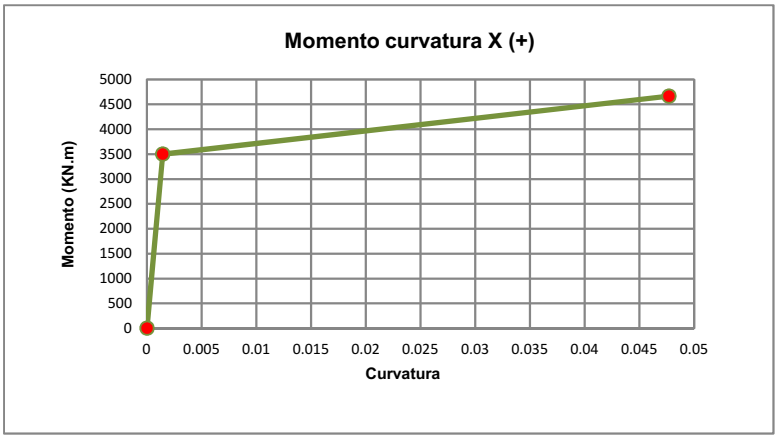


Curva 180°		
Punto	Curvature	Momento
1	0.00000	6.7
2	0.00046	10432.0
3	0.00115	15789.0
4	0.00207	16583.0
5	0.00321	16959.0
6	0.00459	17501.0
7	0.00620	18095.0
8	0.00803	18632.0
9	0.00906	18816.0
10	0.01240	19136.0
11	0.01490	19417.0
12	0.01770	19691.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	16500	Øy=	0.000857	ψy=	0.00154
M max (KN.m)=	19691	Ømax=	0.018	ψmax=	0.0324
Mmax/My=	1.193	Ømax/Øy=	21.00	ψmax/ψy=	21.004

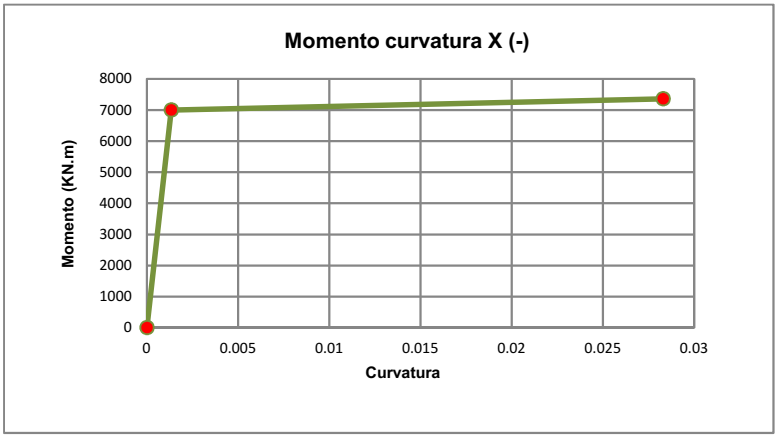
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3500	Øy=	0.00145	ψy=	0.00094
M max (KN.m)=	4665	Ømax=	0.0477	ψmax=	0.031005
Mmax/My=	1.333	Ømax/Øy=	32.90	ψmax/ψy=	32.897



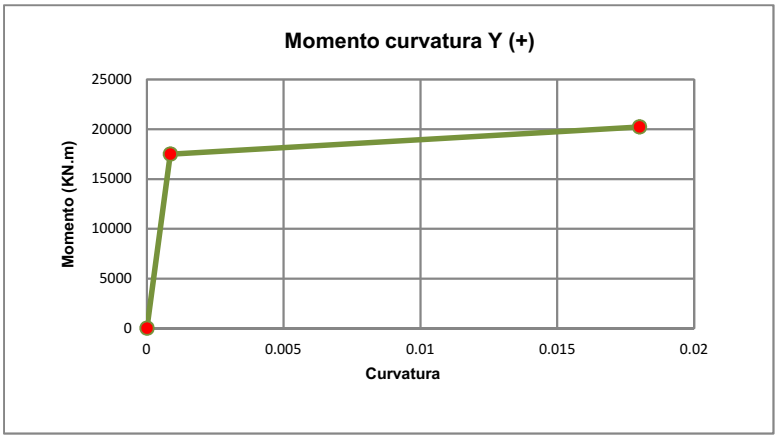
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	7000	Øy=	0.00134	ψy=	0.00087
M max (KN.m)=	7356	Ømax=	0.02830	ψmax=	0.018395
Mmax/My=	1.051	Ømax/Øy=	21.12	ψmax/ψy=	21.119



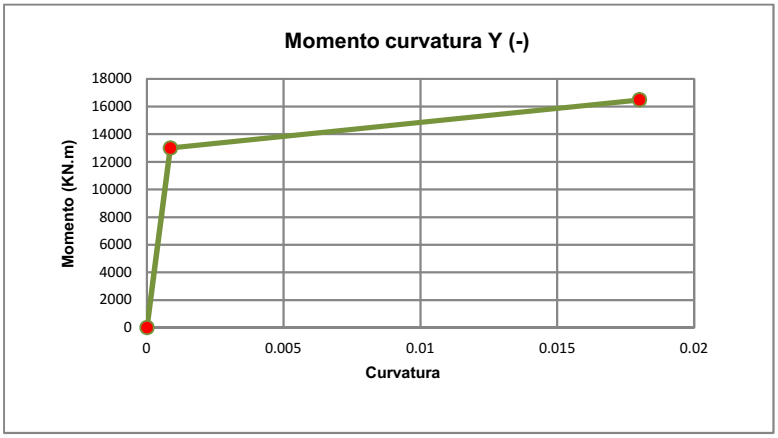
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	17500	Øy=	0.00086	ψy=	0.00154
M max (KN.m)=	20224	Ømax=	0.0180	ψmax=	0.0324
Mmax/My=	1.156	Ømax/Øy=	21.00	ψmax/ψy=	21.004



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	13000	Øy=	0.00086	ψy=	0.00154
M max (KN.m)=	16478	Ømax=	0.01800	ψmax=	0.0324
Mmax/My=	1.268	Ømax/Øy=	21.00	ψmax/ψy=	21.004



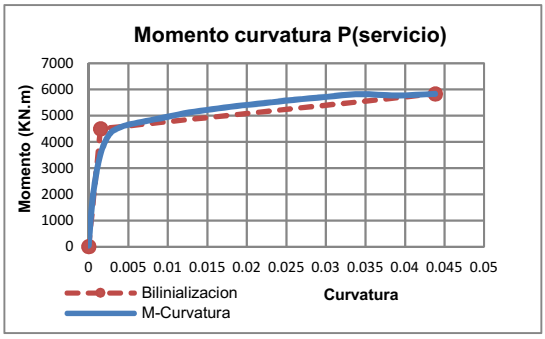
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M2 Y MUR-M2-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M2 Y MUR-M2-2	Piso 1	0.725	Serv Mayorada	3454.90
		2.075	Sismo	5872.54

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	3454.90	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

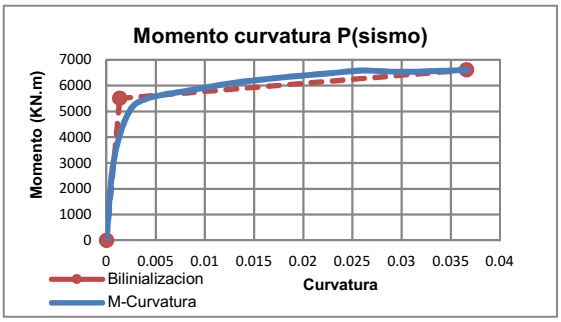


Curva 90°		
Punto	Curvature	Momento
1	0.00000	40.1
2	0.00058	2018.7
3	0.00144	3470.1
4	0.00259	4277.7
5	0.00403	4564.0
6	0.00576	4705.6
7	0.00778	4824.3
8	0.01010	4966.2
9	0.01270	5122.6
10	0.01560	5246.3
11	0.01870	5369.8
12	0.02220	5480.5
13	0.02590	5602.7
14	0.03000	5716.7
15	0.03430	5823.1
16	0.03890	5770.2
17	0.04380	5832.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4500	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	5833	Ømax=	0.04380	ψmax=	0.031755
Mmax/My=	1.296	Ømax/Øy=	29.20	ψmax/ψy=	29.200

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	5872.5	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

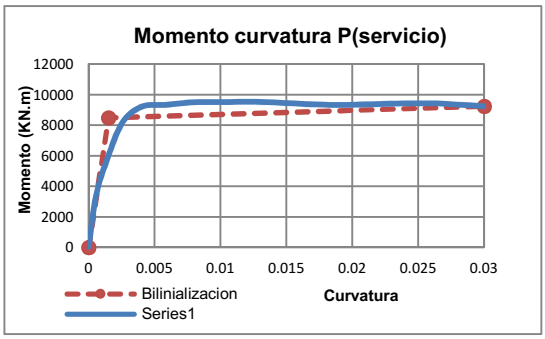


Curva 90°		
Punto	Curvature	Momento
1	0.00000	68.2
2	0.00058	2684.1
3	0.00144	4204.8
4	0.00259	5150.4
5	0.00403	5486.1
6	0.00576	5645.9
7	0.00778	5772.6
8	0.01010	5925.2
9	0.01270	6090.8
10	0.01560	6222.4
11	0.01870	6346.8
12	0.02220	6457.2
13	0.02590	6578.2
14	0.03000	6529.4
15	0.03430	6573.2
16	0.03660	6602.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5500	Øy=	0.001340	ψy=	0.00097
M max (KN.m)=	6603	Ømax=	0.03660	ψmax=	0.026535
Mmax/My=	1.200	Ømax/Øy=	27.31	ψmax/ψy=	27.313

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	3454.90	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

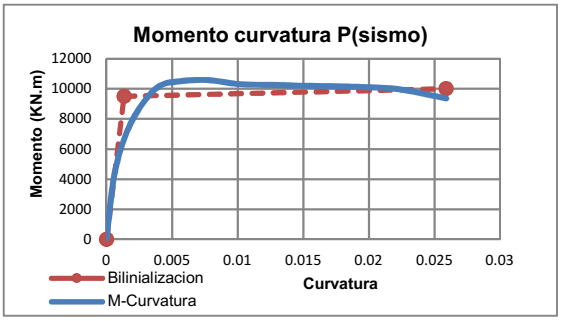


Curva 270°		
Punto	Curvature	Momento
1	0.00000	40.1
2	0.00058	3412.5
3	0.00144	5854.8
4	0.00259	8205.9
5	0.00403	9212.4
6	0.00576	9330.1
7	0.00778	9492.3
8	0.01010	9508.8
9	0.01270	9540.5
10	0.01560	9425.9
11	0.01870	9332.4
12	0.02220	9386.6
13	0.02590	9436.3
14	0.03000	9247.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8500	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	9248	Ømax=	0.03000	ψmax=	0.02175
Mmax/My=	1.088	Ømax/Øy=	20.00	ψmax/ψy=	20.000

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	5872.5	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

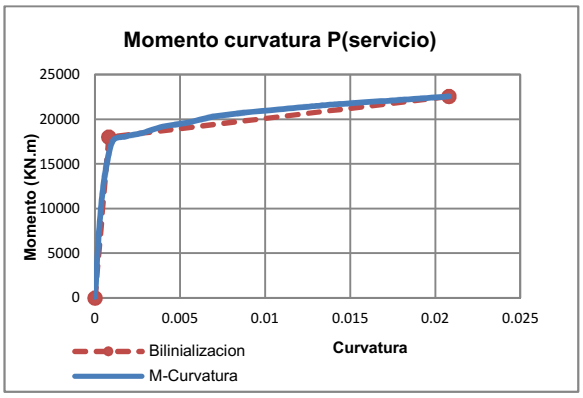


Curva 270°		
Punto	Curvature	Momento
1	0.00000	68.2
2	0.00058	4210.2
3	0.00144	6894.2
4	0.00259	8829.7
5	0.00403	10184.0
6	0.00576	10515.0
7	0.00778	10579.0
8	0.01010	10314.0
9	0.01270	10260.0
10	0.01560	10194.0
11	0.01870	10144.0
12	0.02220	9982.4
13	0.02590	9361.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	9500	Øy=	0.001340	ψy=	0.00097
M max (KN.m)=	10000	Ømax=	0.02590	ψmax=	0.0187775
Mmax/My=	1.053	Ømax/Øy=	19.33	ψmax/ψy=	19.328

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	3454.90	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

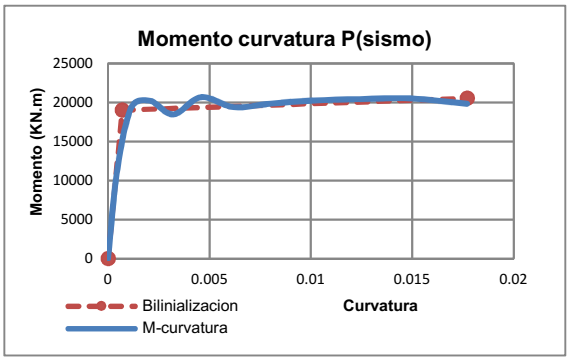


Curva 0°		
Punto	Curvature	Momento
1	0.00000	104.4
2	0.00040	10975.0
3	0.00100	17365.0
4	0.00180	18062.0
5	0.00280	18466.0
6	0.00400	19172.0
7	0.00540	19596.0
8	0.00700	20298.0
9	0.00880	20733.0
10	0.01080	21095.0
11	0.01300	21481.0
12	0.01420	21676.0
13	0.01800	22169.0
14	0.02080	22554.0
15	0.02380	14155.0
16	0.02700	11676.0
17	0.03040	9440.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	18000	Øy=	0.000804	ψy=	0.00167
M max (KN.m)=	22554	Ømax=	0.0208	ψmax=	0.04316
Mmax/My=	1.253	Ømax/Øy=	25.88	ψmax/ψy=	25.880

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	5872.5	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

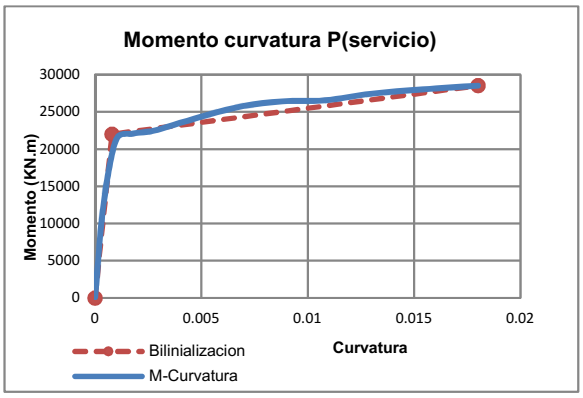


Curva 0°		
Punto	Curvature	Momento
1	0.00000	6.7
2	0.00046	11501.0
3	0.00115	19364.0
4	0.00207	20231.0
5	0.00321	18472.0
6	0.00459	20687.0
7	0.00620	19406.0
8	0.00803	19856.0
9	0.01010	20250.0
10	0.01240	20434.0
11	0.01490	20526.0
12	0.01770	19844.0
13	0.02070	3292.3
14	0.02390	3512.6
15	0.02730	1644.3
16	0.03100	3901.1
17	0.03490	6066.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	19000	Øy=	0.000700	ψy=	0.00145
M max (KN.m)=	20526	Ømax=	0.0177	ψmax=	0.0367275
Mmax/My=	1.080	Ømax/Øy=	25.29	ψmax/ψy=	25.286

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	3454.90	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

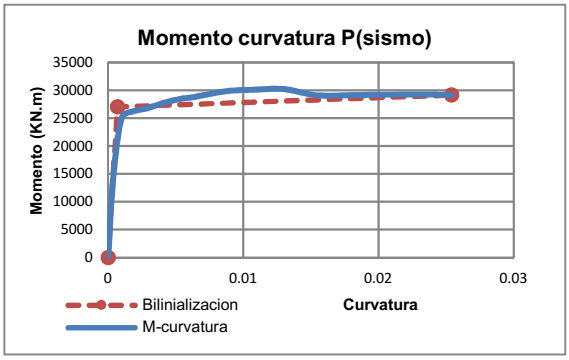


Curva 180°		
Punto	Curvature	Momento
1	0.00000	104.4
2	0.00040	12573.0
3	0.00100	21306.0
4	0.00180	22082.0
5	0.00280	22494.0
6	0.00400	23516.0
7	0.00540	24683.0
8	0.00700	25800.0
9	0.00880	26419.0
10	0.01080	26553.0
11	0.01300	27454.0
12	0.01540	28019.0
13	0.01800	28524.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	22000	Øy=	0.000804	ψy=	0.00167
M max (KN.m)=	28524	Ømax=	0.018	ψmax=	0.03735
Mmax/My=	1.297	Ømax/Øy=	22.40	ψmax/ψy=	22.396

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M2 Y MUR-M2-2			
Pu (KN)=	5872.5	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

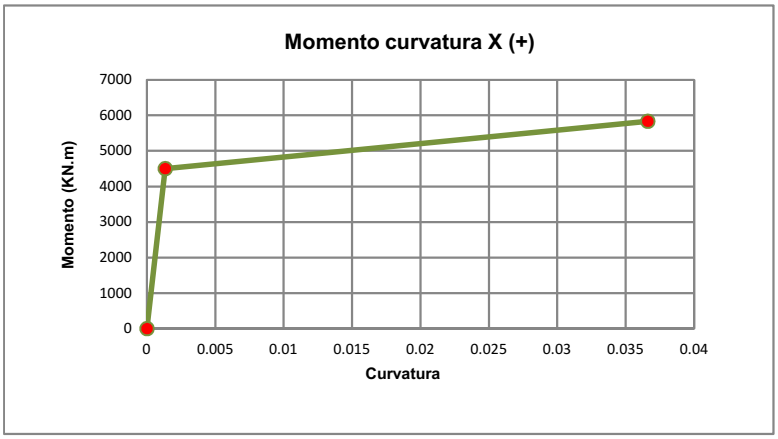


Curva 180°		
Punto	Curvature	Momento
1	0.00000	177.4
2	0.00040	14785.0
3	0.00100	25005.0
4	0.00180	26218.0
5	0.00280	26726.0
6	0.00400	27668.0
7	0.00540	28501.0
8	0.00620	28743.0
9	0.00880	29863.0
10	0.01080	30116.0
11	0.01300	30226.0
12	0.01540	29130.0
13	0.01800	29146.0
14	0.02080	29231.0
15	0.02380	29266.0
16	0.02540	29147.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	27000	Øy=	0.000700	ψy=	0.00145
M max (KN.m)=	29147	Ømax=	0.0254	ψmax=	0.052705
Mmax/My=	1.080	Ømax/Øy=	36.29	ψmax/ψy=	36.286

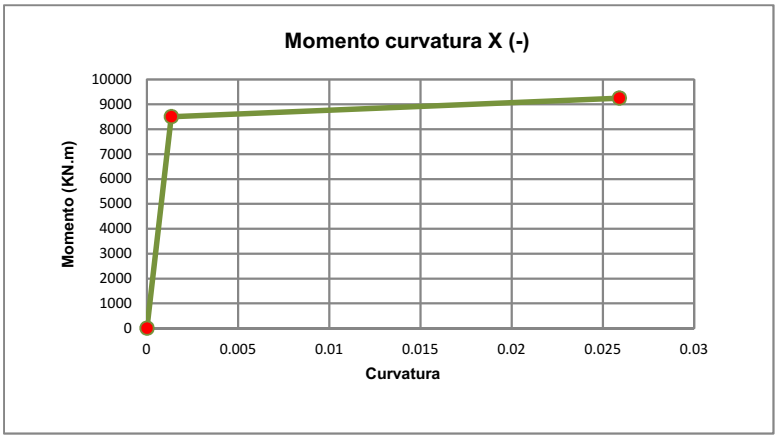
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4500	Øy=	0.00134	ψy=	0.00097
M max (KN.m)=	5833	Ømax=	0.0366	ψmax=	0.026535
Mmax/My=	1.296	Ømax/Øy=	27.31	ψmax/ψy=	27.313



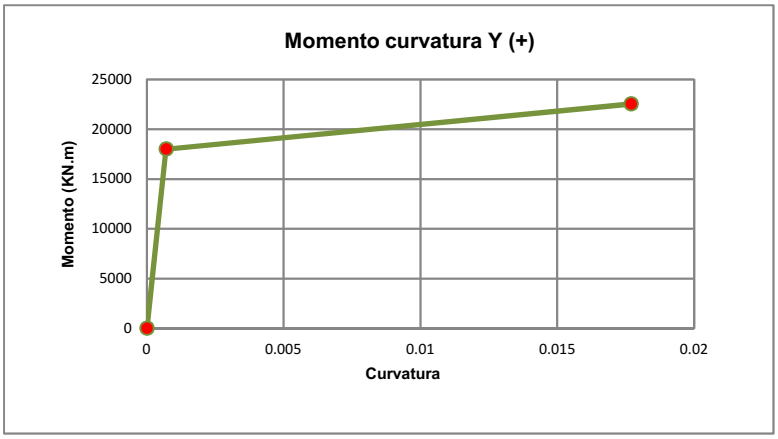
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8500	Øy=	0.00134	ψy=	0.00097
M max (KN.m)=	9248	Ømax=	0.02590	ψmax=	0.0187775
Mmax/My=	1.088	Ømax/Øy=	19.33	ψmax/ψy=	19.328



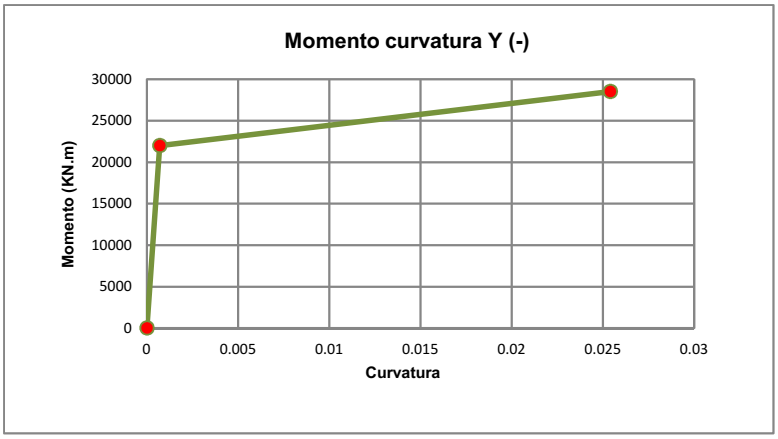
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	18000	Øy=	0.00070	ψy=	0.00145
M max (KN.m)=	22554	Ømax=	0.0177	ψmax=	0.0367275
Mmax/My=	1.253	Ømax/Øy=	25.29	ψmax/ψy=	25.286



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	22000	Øy=	0.00070	ψy=	0.00145
M max (KN.m)=	28524	Ømax=	0.02540	ψmax=	0.052705
Mmax/My=	1.297	Ømax/Øy=	36.29	ψmax/ψy=	36.286



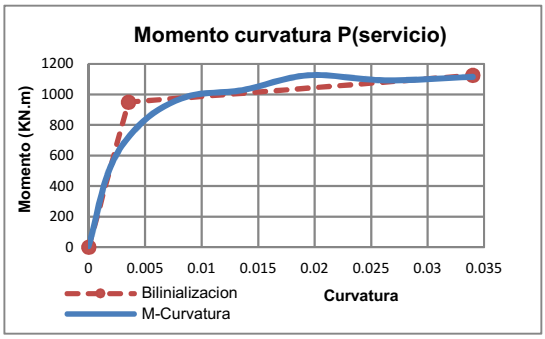
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M3 Y MUR-M3-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M3 Y MUR-M3-2	Piso 1	0.43	Serv Mayorada	2208.00
		1.53	Sismo	2605.40

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2208.00	f`c(KN/m2)=	28000
Lp(m)=	0.43	fy(KN/m2)=	420000

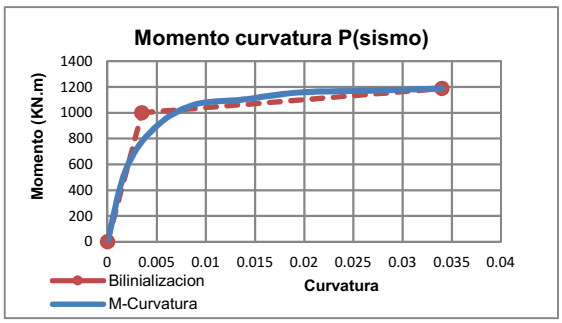


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	950	Øy=	0.003500	ψy=	0.00151
M max (KN.m)=	1125	Ømax=	0.03400	ψmax=	0.01462
Mmax/My=	1.184	Ømax/Øy=	9.71	ψmax/ψy=	9.714

Curva 90°		
Punto	Curvature	Momento
1	0.00000	7.1
2	0.00194	528.5
3	0.00485	824.8
4	0.00874	986.2
5	0.01360	1028.5
6	0.01940	1125.2
7	0.02620	1092.5
8	0.03400	1114.9
9	0.04270	309.7
10	0.05240	302.4
11	0.06310	294.8
12	0.07480	286.1
13	0.08110	315.6
14	0.10100	449.4
15	0.11550	579.3
16	0.13110	620.2
17	0.14760	619.6

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2605.4	f`c(KN/m2)=	28000
Lp(m)=	0.43	fy(KN/m2)=	420000

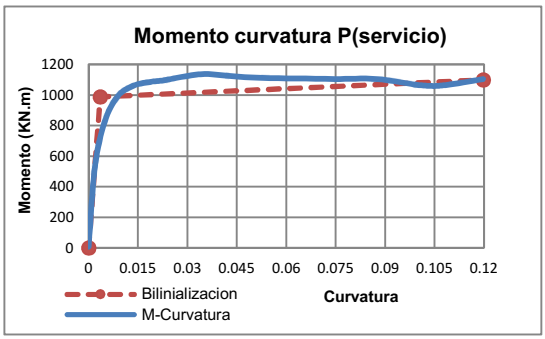


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1000	Øy=	0.003500	ψy=	0.00151
M max (KN.m)=	1188	Ømax=	0.03400	ψmax=	0.01462
Mmax/My=	1.188	Ømax/Øy=	9.71	ψmax/ψy=	9.714

Curva 90°		
Punto	Curvature	Momento
1	0.00000	8.3
2	0.00194	573.4
3	0.00485	887.0
4	0.00874	1060.9
5	0.01360	1100.8
6	0.01940	1156.5
7	0.02620	1170.4
8	0.03400	1187.5
9	0.04270	440.0
10	0.05240	434.5
11	0.06310	429.0
12	0.07480	422.9
13	0.08740	446.7
14	0.10100	523.5
15	0.10830	571.6
16	0.13110	714.0

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2208.00	f`c(KN/m2)=	28000
Lp(m)=	0.43	fy(KN/m2)=	420000

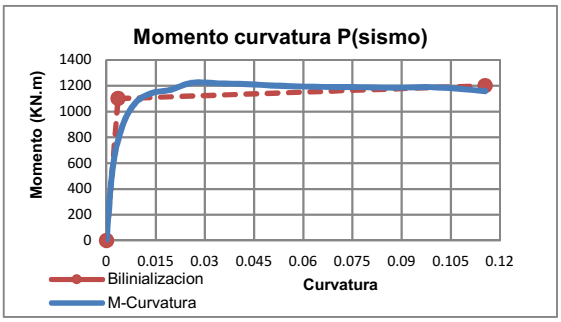


Curva 270°		
Punto	Curvature	Momento
1	0.00000	7.1
2	0.00194	528.9
3	0.00485	822.5
4	0.00874	989.2
5	0.01360	1061.2
6	0.01940	1088.6
7	0.02280	1096.4
8	0.03400	1136.7
9	0.04270	1124.9
10	0.05240	1112.1
11	0.06310	1109.1
12	0.07480	1105.0
13	0.08740	1105.3
14	0.10100	1063.9
15	0.10830	1065.0
16	0.11970	1104.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	990	Øy=	0.003500	ψy=	0.00151
M max (KN.m)=	1100	Ømax=	0.11970	ψmax=	0.051471
Mmax/My=	1.111	Ømax/Øy=	34.20	ψmax/ψy=	34.200

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2605.4	f`c(KN/m2)=	28000
Lp(m)=	0.43	fy(KN/m2)=	420000

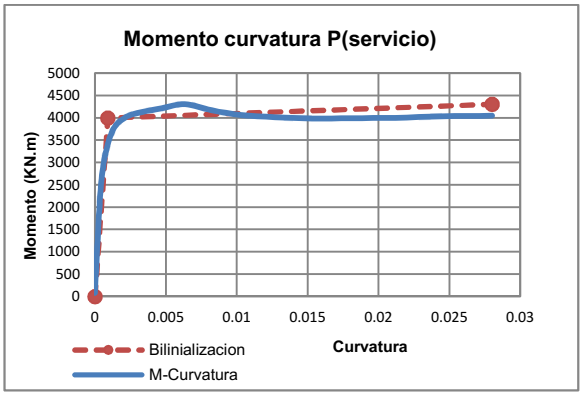


Curva 270°		
Punto	Curvature	Momento
1	0.00000	8.3
2	0.00194	575.5
3	0.00485	887.5
4	0.00874	1065.8
5	0.01360	1142.0
6	0.01940	1167.7
7	0.02620	1223.5
8	0.03400	1218.7
9	0.04270	1212.7
10	0.05240	1199.1
11	0.06310	1192.3
12	0.07480	1189.9
13	0.08740	1185.6
14	0.10100	1187.6
15	0.11550	1158.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1100	Øy=	0.003500	ψy=	0.00151
M max (KN.m)=	1200	Ømax=	0.11550	ψmax=	0.049665
Mmax/My=	1.091	Ømax/Øy=	33.00	ψmax/ψy=	33.000

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2208.00	f`c(KN/m2)=	28000
Lp(m)=	1.53	fy(KN/m2)=	420000

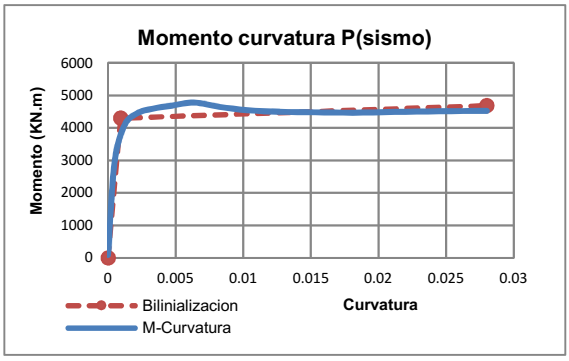


Curva 0°		
Punto	Curvature	Momento
1	0.00000	77.5
2	0.00047	2628.2
3	0.00118	3662.8
4	0.00212	4001.0
5	0.00329	4127.2
6	0.00470	4211.9
7	0.00635	4304.8
8	0.00823	4168.2
9	0.01030	4063.3
10	0.01270	4014.1
11	0.01530	3984.5
12	0.01810	3990.2
13	0.02120	4000.7
14	0.02450	4032.8
15	0.02800	4044.5
16	0.03180	3560.6
17	0.03570	3107.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.000909	ψy=	0.00139
M max (KN.m)=	4305	Ømax=	0.028	ψmax=	0.04284
Mmax/My=	1.076	Ømax/Øy=	30.81	ψmax/ψy=	30.810

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2605.4	f`c(KN/m2)=	28000
Lp(m)=	1.53	fy(KN/m2)=	420000

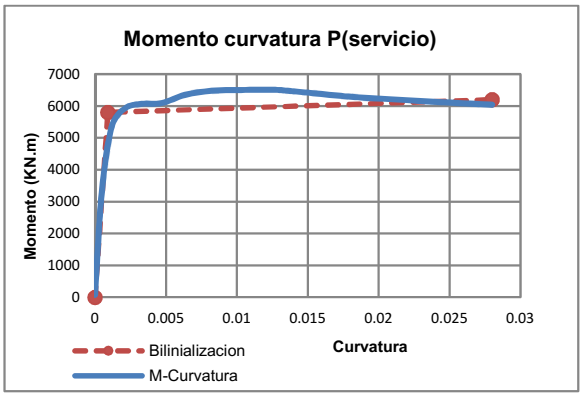


Curva 0°		
Punto	Curvature	Momento
1	0.00000	91.5
2	0.00047	2912.3
3	0.00118	4054.4
4	0.00212	4443.4
5	0.00329	4591.6
6	0.00470	4684.4
7	0.00635	4781.3
8	0.00823	4647.9
9	0.01030	4545.7
10	0.01270	4495.3
11	0.01530	4481.0
12	0.01810	4469.0
13	0.02120	4491.9
14	0.02450	4513.0
15	0.02800	4525.2
16	0.03180	4042.0
17	0.03570	3590.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4300	Øy=	0.000937	ψy=	0.00143
M max (KN.m)=	4684	Ømax=	0.028	ψmax=	0.04284
Mmax/My=	1.089	Ømax/Øy=	29.88	ψmax/ψy=	29.883

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2208.00	f`c(KN/m2)=	28000
Lp(m)=	1.53	fy(KN/m2)=	420000

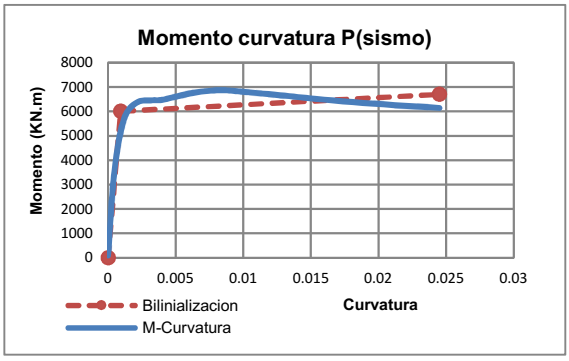


Curva 180°		
Punto	Curvature	Momento
1	0.00000	77.5
2	0.00047	3271.2
3	0.00118	5349.5
4	0.00212	5928.8
5	0.00329	6065.4
6	0.00470	6092.3
7	0.00635	6349.1
8	0.00823	6476.2
9	0.01030	6502.1
10	0.01270	6506.0
11	0.01400	6460.7
12	0.01810	6286.8
13	0.02120	6203.7
14	0.02450	6118.0
15	0.02800	6038.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5800	Øy=	0.000909	ψy=	0.00139
M max (KN.m)=	6200	Ømax=	0.028	ψmax=	0.04284
Mmax/My=	1.069	Ømax/Øy=	30.81	ψmax/ψy=	30.810

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M3 Y MUR-M3-2			
Pu (KN)=	2605.4	f`c(KN/m2)=	28000
Lp(m)=	1.53	fy(KN/m2)=	420000

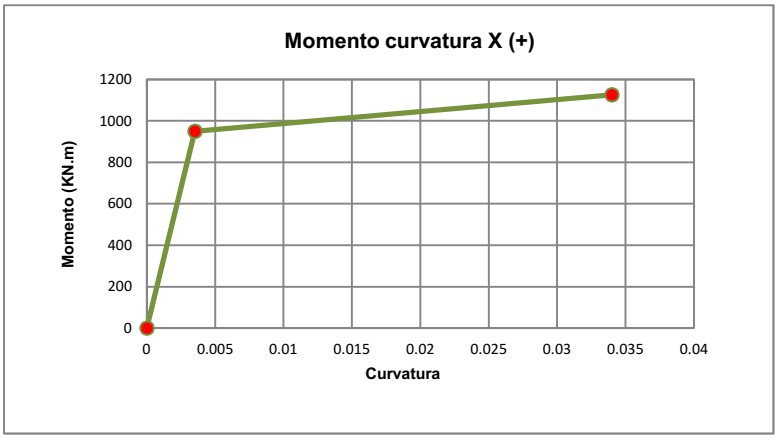


Curva 180°		
Punto	Curvature	Momento
1	0.00000	91.4
2	0.00047	3547.8
3	0.00118	5696.8
4	0.00212	6363.3
5	0.00329	6460.2
6	0.00400	6477.9
7	0.00635	6769.0
8	0.00823	6873.3
9	0.00929	6842.7
10	0.01270	6666.6
11	0.01530	6520.6
12	0.01810	6384.6
13	0.02120	6260.8
14	0.02450	6143.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	6000	Øy=	0.000937	ψy=	0.00143
M max (KN.m)=	6700	Ømax=	0.0245	ψmax=	0.037485
Mmax/My=	1.117	Ømax/Øy=	26.15	ψmax/ψy=	26.147

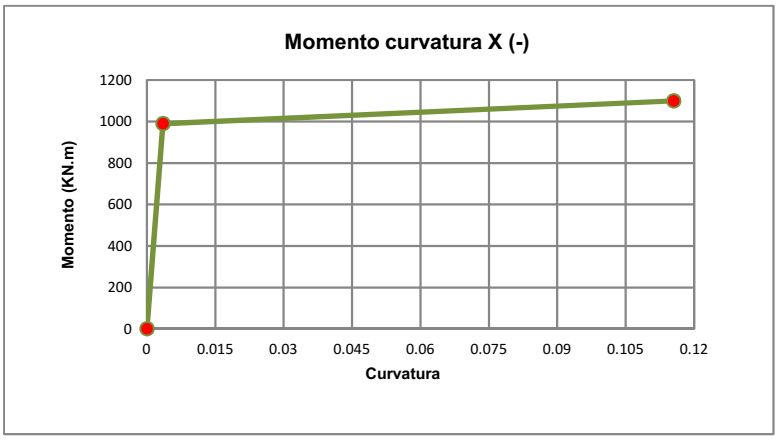
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	950	Øy=	0.00350	ψy=	0.00151
M max (KN.m)=	1125	Ømax=	0.0340	ψmax=	0.01462
Mmax/My=	1.184	Ømax/Øy=	9.71	ψmax/ψy=	9.714



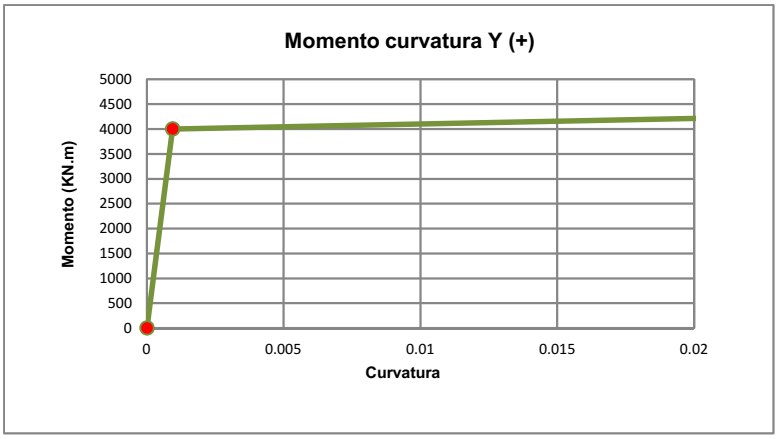
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	990	Øy=	0.00350	ψy=	0.00151
M max (KN.m)=	1100	Ømax=	0.11550	ψmax=	0.049665
Mmax/My=	1.111	Ømax/Øy=	33.00	ψmax/ψy=	33.000



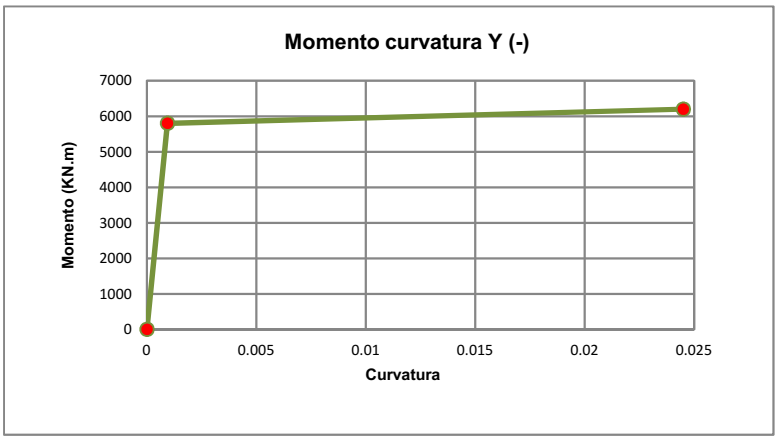
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.00094	ψy=	0.00143
M max (KN.m)=	4305	Ømax=	0.0280	ψmax=	0.04284
Mmax/My=	1.076	Ømax/Øy=	29.88	ψmax/ψy=	29.883



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5800	Øy=	0.00094	ψy=	0.00143
M max (KN.m)=	6200	Ømax=	0.02450	ψmax=	0.037485
Mmax/My=	1.069	Ømax/Øy=	26.15	ψmax/ψy=	26.147



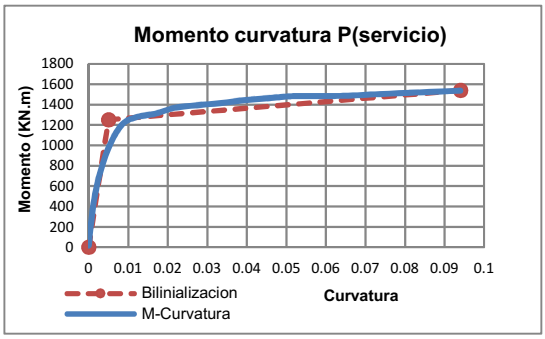
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M4 Y MUR-M4-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M4 Y MUR-M4-2	Piso 1	0.52	Serv Mayorada	1385.20
		1.325	Sismo	3403.44

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	1385.20	**f`c(KN/m2)=**	28000
Lp(m)=	0.52	**fy(KN/m2)=**	420000

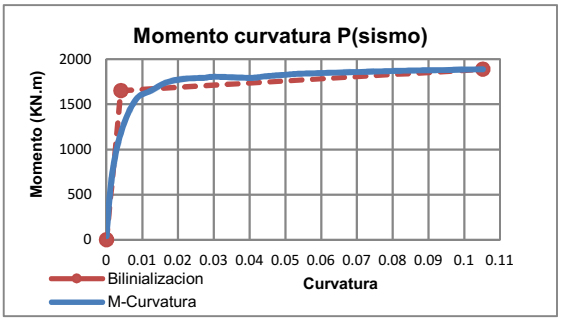


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	1250	**Øy=**	0.005000	**ψy=**	0.00260
M max (KN.m)=	1540	**Ømax=**	0.09400	**ψmax=**	0.04888
Mmax/My=	1.232	**Ømax/Øy=**	18.80	**ψmax/ψy=**	18.800

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	16.6
2	0.00124	430.5
3	0.00309	762.4
4	0.00557	1023.3
5	0.00866	1213.0
6	0.01240	1280.3
7	0.01670	1310.0
8	0.02170	1368.4
9	0.02720	1393.9
10	0.03340	1415.3
11	0.04020	1446.9
12	0.04760	1470.4
13	0.05170	1483.0
14	0.06430	1486.3
15	0.07360	1503.6
16	0.08350	1520.0
17	0.09400	1536.9

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	3403.4	**f`c(KN/m2)=**	28000
Lp(m)=	0.52	**fy(KN/m2)=**	420000

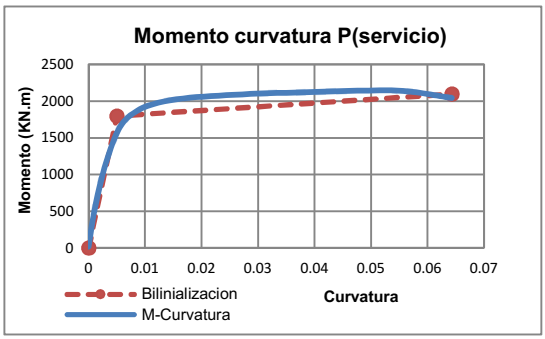


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	1650	**Øy=**	0.004000	**ψy=**	0.00208
M max (KN.m)=	1888	**Ømax=**	0.10520	**ψmax=**	0.054704
Mmax/My=	1.144	**Ømax/Øy=**	26.30	**ψmax/ψy=**	26.300

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	40.9
2	0.00124	624.7
3	0.00309	1049.3
4	0.00557	1355.8
5	0.00866	1573.5
6	0.01240	1650.1
7	0.01670	1742.1
8	0.02170	1781.5
9	0.02720	1793.0
10	0.03030	1805.0
11	0.04020	1792.7
12	0.04390	1807.4
13	0.04690	1817.8
14	0.05120	1830.9
15	0.05400	1838.4
16	0.08350	1872.0
17	0.09400	1879.1
18	0.10520	1888.1

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	1385.20	f`c(KN/m2)=	28000
Lp(m)=	0.52	fy(KN/m2)=	420000

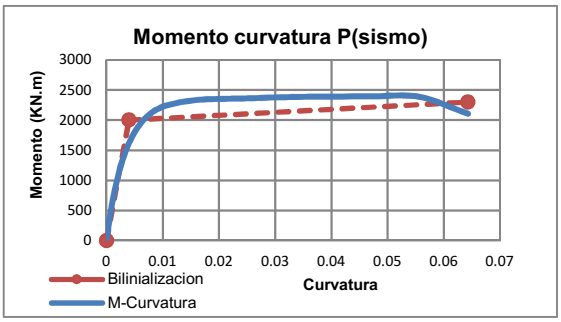


Curva 270°		
Punto	Curvature	Momento
1	0.00000	16.6
2	0.00124	586.5
3	0.00309	1159.9
4	0.00557	1648.2
5	0.00866	1871.9
6	0.01240	1979.6
7	0.01670	2037.3
8	0.02170	2069.6
9	0.02720	2093.5
10	0.03340	2111.8
11	0.04020	2124.6
12	0.04760	2142.3
13	0.05570	2140.3
14	0.06430	2044.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1800	Øy=	0.005000	ψy=	0.00260
M max (KN.m)=	2100	Ømax=	0.06430	ψmax=	0.033436
Mmax/My=	1.167	Ømax/Øy=	12.86	ψmax/ψy=	12.860

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	3403.4	f`c(KN/m2)=	28000
Lp(m)=	0.52	fy(KN/m2)=	420000

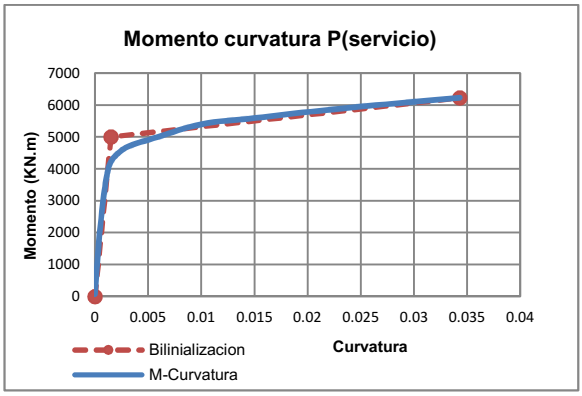


Curva 270°		
Punto	Curvature	Momento
1	0.00000	40.9
2	0.00124	735.0
3	0.00309	1406.9
4	0.00557	1883.7
5	0.00866	2164.1
6	0.01240	2283.0
7	0.01670	2339.3
8	0.02170	2356.0
9	0.02440	2360.4
10	0.03340	2385.5
11	0.04020	2391.0
12	0.04760	2395.3
13	0.05570	2386.4
14	0.06430	2106.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2000	Øy=	0.004000	ψy=	0.00208
M max (KN.m)=	2300	Ømax=	0.06430	ψmax=	0.033436
Mmax/My=	1.150	Ømax/Øy=	16.08	ψmax/ψy=	16.075

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	1385.20	f`c(KN/m2)=	28000
Lp(m)=	1.325	fy(KN/m2)=	420000

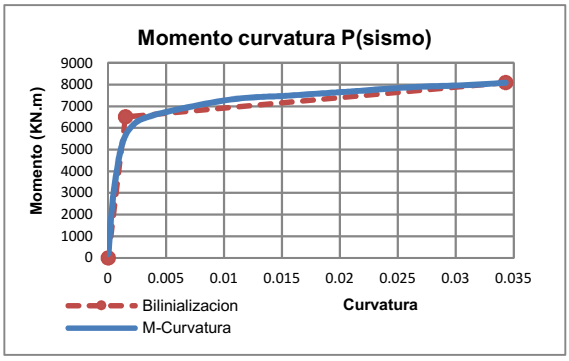


Curva 0°		
Punto	Curvature	Momento
1	0.00000	70.3
2	0.00051	2179.8
3	0.00127	4021.1
4	0.00228	4516.9
5	0.00355	4759.3
6	0.00508	4911.6
7	0.00685	5099.9
8	0.00888	5311.9
9	0.01120	5465.8
10	0.01370	5547.5
11	0.01650	5644.6
12	0.01950	5762.5
13	0.02280	5877.9
14	0.02640	5994.5
15	0.03020	6104.8
16	0.03430	6229.6
17	0.03860	4779.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5000	Øy=	0.001500	ψy=	0.00199
M max (KN.m)=	6230	Ømax=	0.0343	ψmax=	0.0454475
Mmax/My=	1.246	Ømax/Øy=	22.87	ψmax/ψy=	22.867

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	3403.4	f`c(KN/m2)=	28000
Lp(m)=	1.325	fy(KN/m2)=	420000

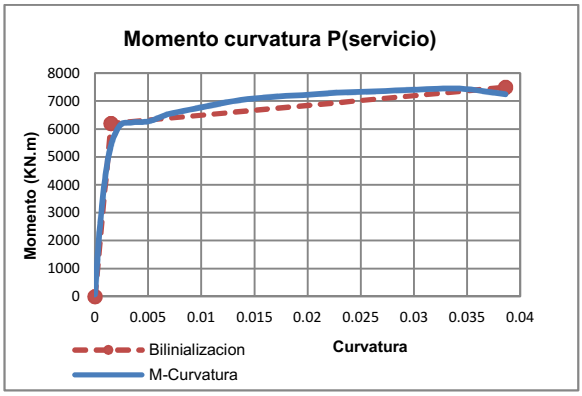


Curva 0°		
Punto	Curvature	Momento
1	0.00000	172.8
2	0.00051	3136.6
3	0.00127	5343.4
4	0.00228	6199.8
5	0.00355	6529.4
6	0.00508	6743.8
7	0.00685	6950.6
8	0.00888	7161.6
9	0.01120	7351.8
10	0.01370	7445.8
11	0.01510	7474.3
12	0.01950	7632.4
13	0.02120	7690.3
14	0.02640	7888.4
15	0.03020	7959.7
16	0.03430	8082.1
17	0.03860	6938.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	6500	Øy=	0.001500	ψy=	0.00199
M max (KN.m)=	8082	Ømax=	0.0343	ψmax=	0.0454475
Mmax/My=	1.243	Ømax/Øy=	22.87	ψmax/ψy=	22.867

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	1385.20	f`c(KN/m2)=	28000
Lp(m)=	1.325	fy(KN/m2)=	420000

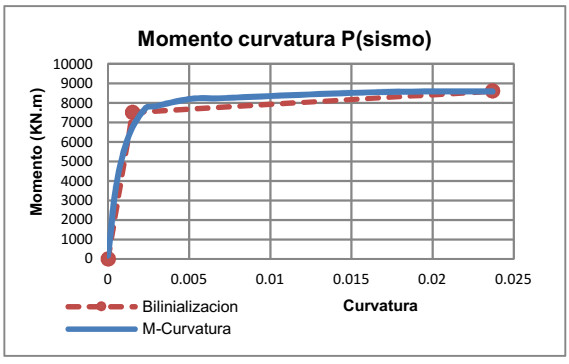


Curva 180°		
Punto	Curvature	Momento
1	0.00000	70.3
2	0.00051	2624.2
3	0.00127	4999.2
4	0.00228	6087.1
5	0.00355	6234.3
6	0.00508	6276.2
7	0.00685	6522.7
8	0.00888	6688.3
9	0.01120	6865.0
10	0.01370	7036.6
11	0.01650	7146.1
12	0.01950	7213.2
13	0.02280	7297.9
14	0.02640	7347.1
15	0.03020	7406.7
16	0.03430	7447.3
17	0.03860	7241.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	6200	Øy=	0.001500	ψy=	0.00199
M max (KN.m)=	7500	Ømax=	0.0386	ψmax=	0.051145
Mmax/My=	1.210	Ømax/Øy=	25.73	ψmax/ψy=	25.733

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M4 Y MUR-M4-2			
Pu (KN)=	3403.4	f`c(KN/m2)=	28000
Lp(m)=	1.325	fy(KN/m2)=	420000

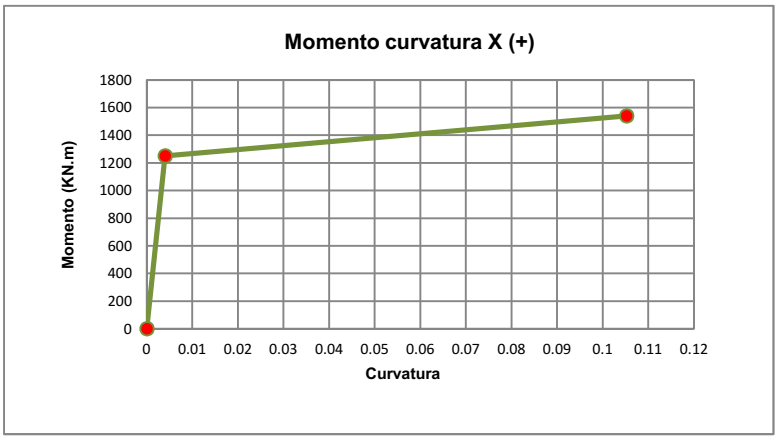


Curva 180°		
Punto	Curvature	Momento
1	0.00000	172.8
2	0.00051	3800.7
3	0.00127	6297.0
4	0.00228	7706.4
5	0.00292	7829.5
6	0.00508	8207.8
7	0.00685	8238.4
8	0.00888	8315.0
9	0.01120	8395.7
10	0.01370	8476.2
11	0.01650	8552.6
12	0.01950	8587.1
13	0.02280	8594.5
14	0.02370	8588.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	7500	Øy=	0.001500	ψy=	0.00199
M max (KN.m)=	8600	Ømax=	0.0237	ψmax=	0.0314025
Mmax/My=	1.147	Ømax/Øy=	15.80	ψmax/ψy=	15.800

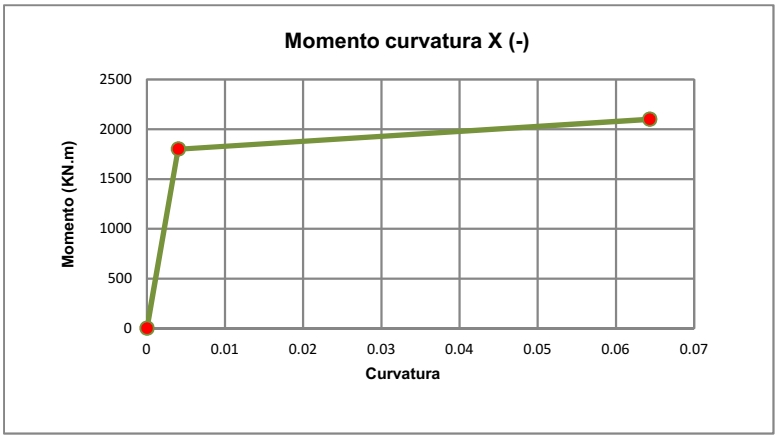
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1250	Øy=	0.00400	ψy=	0.00208
M max (KN.m)=	1540	Ømax=	0.1052	ψmax=	0.054704
Mmax/My=	1.232	Ømax/Øy=	26.30	ψmax/ψy=	26.300



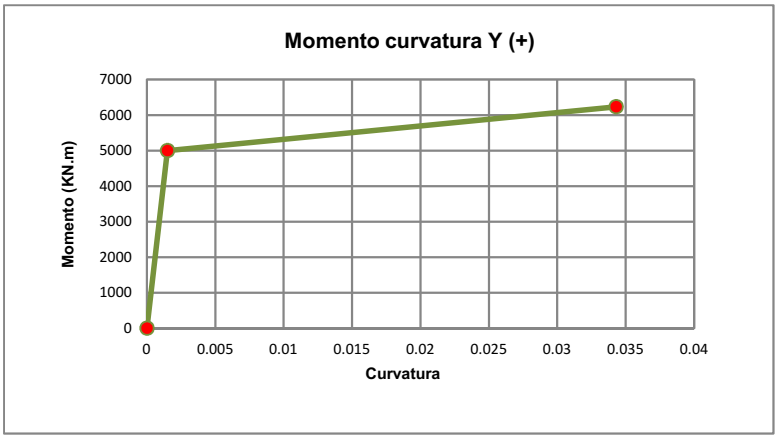
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1800	Øy=	0.00400	ψy=	0.00208
M max (KN.m)=	2100	Ømax=	0.06430	ψmax=	0.033436
Mmax/My=	1.167	Ømax/Øy=	16.08	ψmax/ψy=	16.075



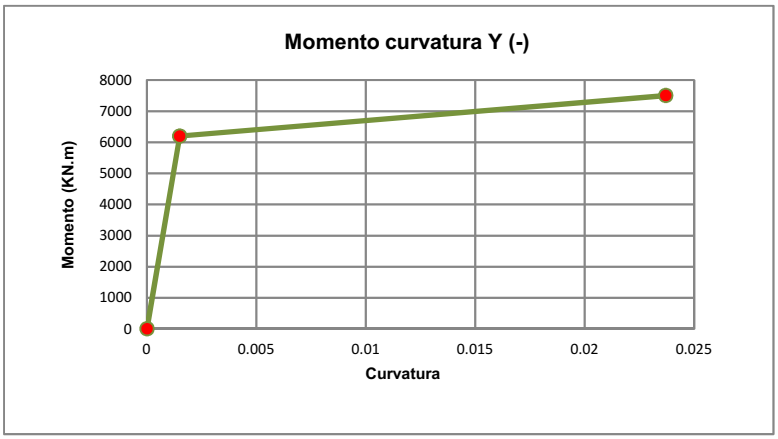
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5000	Øy=	0.00150	ψy=	0.00199
M max (KN.m)=	6230	Ømax=	0.0343	ψmax=	0.0454475
Mmax/My=	1.246	Ømax/Øy=	22.87	ψmax/ψy=	22.867



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	6200	Øy=	0.00150	ψy=	0.00199
M max (KN.m)=	7500	Ømax=	0.02370	ψmax=	0.0314025
Mmax/My=	1.210	Ømax/Øy=	15.80	ψmax/ψy=	15.800



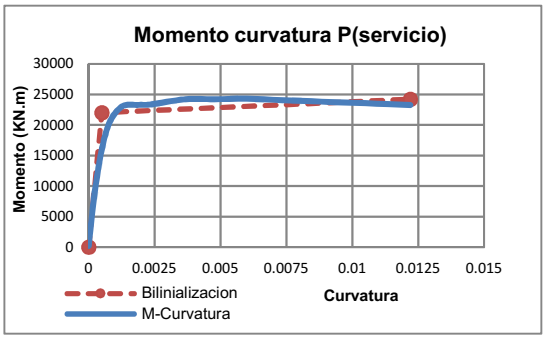
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M5 Y MUR-M5-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M5 Y MUR-M5-2	Piso 1	2.5	Serv Mayorada	3324.89
		1.075	Sismo	4361.25

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	3324.89	**f`c(KN/m2)=**	28000
Lp(m)=	2.5	**fy(KN/m2)=**	420000

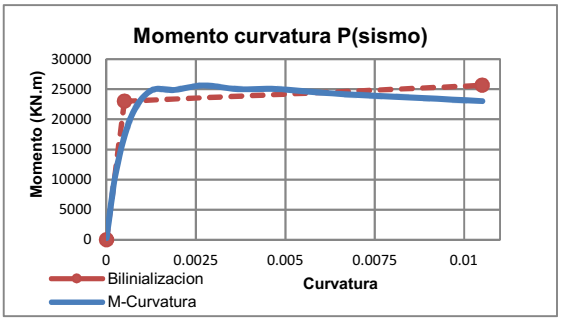


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	22000	**Øy=**	0.000500	**ψy=**	0.00125
M max (KN.m)=	24217	**Ømax=**	0.01220	**ψmax=**	0.0305
Mmax/My=	1.101	**Ømax/Øy=**	24.40	**ψmax/ψy=**	24.400

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	210.6
2	0.00027	10342.0
3	0.00068	19148.0
4	0.00123	22914.0
5	0.00191	23288.0
6	0.00231	23341.0
7	0.00367	24215.0
8	0.00476	24217.0
9	0.00599	24309.0
10	0.00735	24065.0
11	0.00884	23818.0
12	0.01050	23570.0
13	0.01220	23258.0
14	0.01420	13651.0
15	0.01620	13672.0
16	0.01840	13710.0
17	0.02070	13761.0
18	0.02310	13803.0

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	4361.3	**f`c(KN/m2)=**	28000
Lp(m)=	2.5	**fy(KN/m2)=**	420000

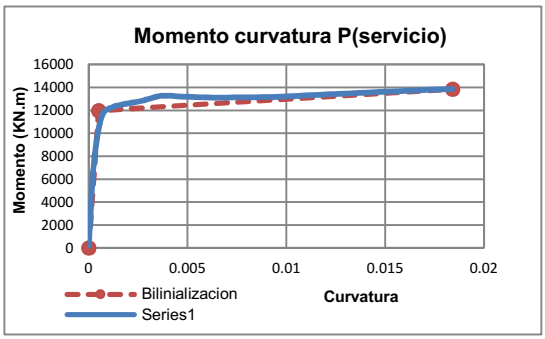


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	23000	**Øy=**	0.000500	**ψy=**	0.00125
M max (KN.m)=	25634	**Ømax=**	0.01050	**ψmax=**	0.02625
Mmax/My=	1.115	**Ømax/Øy=**	21.00	**ψmax/ψy=**	21.000

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	276.2
2	0.00027	11486.0
3	0.00068	20358.0
4	0.00123	24721.0
5	0.00191	24895.0
6	0.00272	25634.0
7	0.00367	25013.0
8	0.00476	25037.0
9	0.00599	24442.0
10	0.00735	23941.0
11	0.00884	23532.0
12	0.01050	23025.0
13	0.01220	12201.0
14	0.01420	12094.0
15	0.01620	12080.0
16	0.01840	12093.0
17	0.02070	12123.0
18	0.02310	9922.7

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	3324.89	f`c(KN/m2)=	28000
Lp(m)=	2.5	fy(KN/m2)=	420000

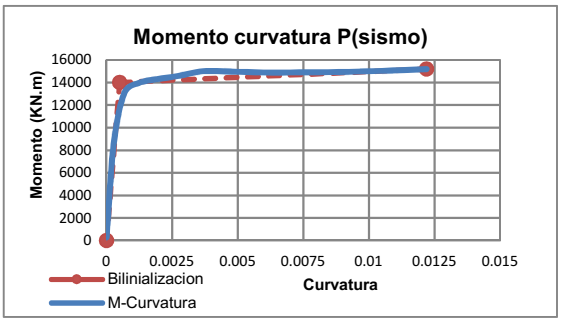


Curva 270°		
Punto	Curvature	Momento
1	0.00000	210.6
2	0.00027	7406.1
3	0.00068	11544.0
4	0.00123	12284.0
5	0.00191	12572.0
6	0.00272	12837.0
7	0.00367	13264.0
8	0.00476	13205.0
9	0.00599	13124.0
10	0.00735	13123.0
11	0.00884	13150.0
12	0.01050	13260.0
13	0.01220	13407.0
14	0.01420	13562.0
15	0.01620	13716.0
16	0.01840	13872.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	12000	Øy=	0.000500	ψy=	0.00125
M max (KN.m)=	13872	Ømax=	0.01840	ψmax=	0.046
Mmax/My=	1.156	Ømax/Øy=	36.80	ψmax/ψy=	36.800

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	4361.3	f`c(KN/m2)=	28000
Lp(m)=	2.5	fy(KN/m2)=	420000

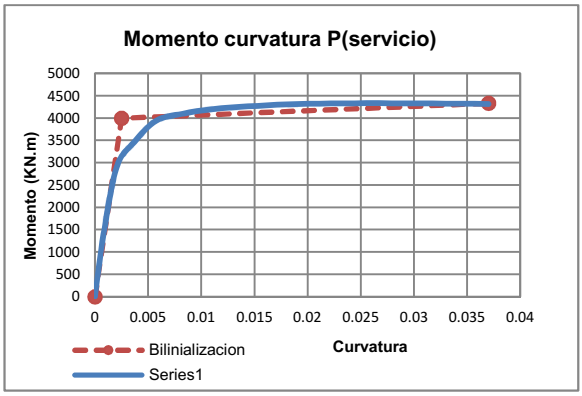


Curva 270°		
Punto	Curvature	Momento
1	0.00000	276.2
2	0.00027	8529.0
3	0.00068	13082.0
4	0.00123	13958.0
5	0.00191	14291.0
6	0.00272	14572.0
7	0.00367	15001.0
8	0.00476	14967.0
9	0.00599	14886.0
10	0.00735	14896.0
11	0.00884	14930.0
12	0.01050	15030.0
13	0.01220	15185.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	14000	Øy=	0.000500	ψy=	0.00125
M max (KN.m)=	15185	Ømax=	0.01220	ψmax=	0.0305
Mmax/My=	1.085	Ømax/Øy=	24.40	ψmax/ψy=	24.400

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	3324.89	f`c(KN/m2)=	28000
Lp(m)=	1.075	fy(KN/m2)=	420000

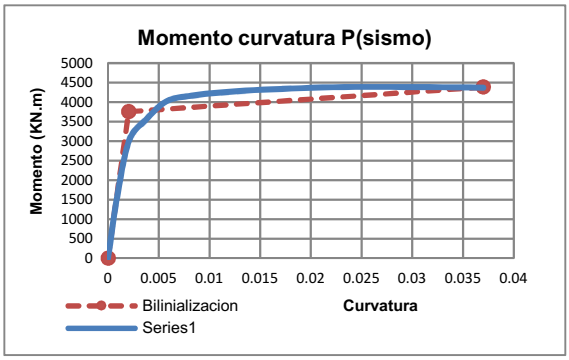


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00082	1405.7
3	0.00206	2909.1
4	0.00370	3462.0
5	0.00576	3938.6
6	0.00823	4094.8
7	0.01110	4198.0
8	0.01440	4259.7
9	0.01810	4304.3
10	0.02220	4326.5
11	0.02670	4331.1
12	0.03170	4324.6
13	0.03700	4313.4
14	0.04280	3872.5
15	0.04890	3494.3
16	0.05550	3224.9
17	0.06250	3045.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.002500	ψy=	0.00269
M max (KN.m)=	4331	Ømax=	0.037	ψmax=	0.039775
Mmax/My=	1.083	Ømax/Øy=	14.80	ψmax/ψy=	14.800

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	4361.3	f`c(KN/m2)=	28000
Lp(m)=	1.075	fy(KN/m2)=	420000

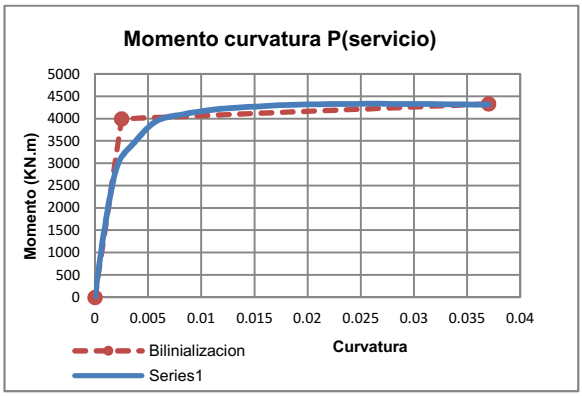


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00082	1468.6
3	0.00206	3000.8
4	0.00370	3540.8
5	0.00576	4020.4
6	0.00823	4164.8
7	0.01110	4248.8
8	0.01440	4306.7
9	0.01810	4348.0
10	0.02220	4382.4
11	0.02670	4390.2
12	0.03170	4383.2
13	0.03700	4371.7
14	0.04280	3899.3
15	0.04890	3527.1
16	0.05550	3270.6
17	0.06250	3083.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3750	Øy=	0.002038	ψy=	0.00219
M max (KN.m)=	4383	Ømax=	0.037	ψmax=	0.039775
Mmax/My=	1.169	Ømax/Øy=	18.16	ψmax/ψy=	18.155

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	3324.89	f`c(KN/m2)=	28000
Lp(m)=	1.075	fy(KN/m2)=	420000

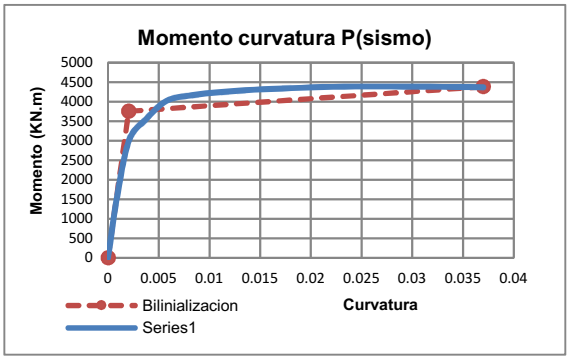


Curva 180°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00082	1405.4
3	0.00206	2908.6
4	0.00370	3461.5
5	0.00576	3938.1
6	0.00823	4094.4
7	0.01110	4197.8
8	0.01440	4259.5
9	0.01810	4304.1
10	0.02220	4326.2
11	0.02670	4330.8
12	0.03170	4324.3
13	0.03700	4313.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.002500	ψy=	0.00269
M max (KN.m)=	4331	Ømax=	0.037	ψmax=	0.039775
Mmax/My=	1.083	Ømax/Øy=	14.80	ψmax/ψy=	14.800

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M5 Y MUR-M5-2			
Pu (KN)=	4361.3	f`c(KN/m2)=	28000
Lp(m)=	1.075	fy(KN/m2)=	420000

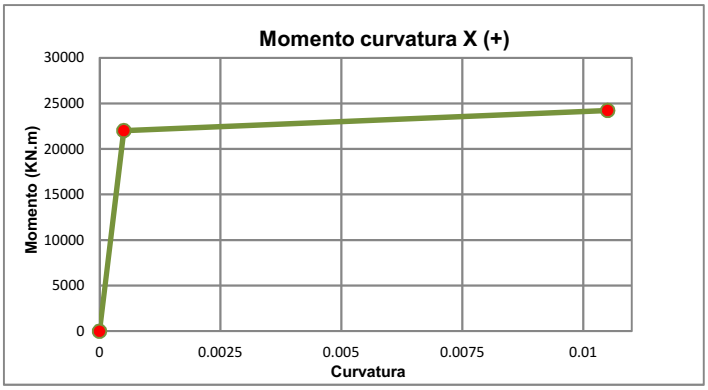


Curva 180°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00082	1468.6
3	0.00206	3000.8
4	0.00370	3540.8
5	0.00576	4020.4
6	0.00823	4164.8
7	0.01110	4248.8
8	0.01440	4306.7
9	0.01810	4348.0
10	0.02220	4382.4
11	0.02670	4390.2
12	0.03170	4383.2
13	0.03700	4371.7
14	0.04280	3899.3
15	0.04890	3527.1
16	0.05550	3270.6
17	0.06250	3083.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3750	Øy=	0.002038	ψy=	0.00219
M max (KN.m)=	4383	Ømax=	0.037	ψmax=	0.039775
Mmax/My=	1.169	Ømax/Øy=	18.16	ψmax/ψy=	18.155

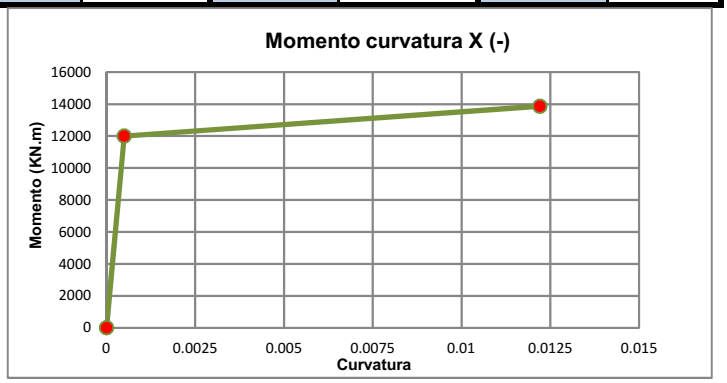
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	22000	Øy=	0.00050	ψy=	0.00125
M max (KN.m)=	24217	Ømax=	0.0105	ψmax=	0.02625
Mmax/My=	1.101	Ømax/Øy=	21.00	ψmax/ψy=	21.000



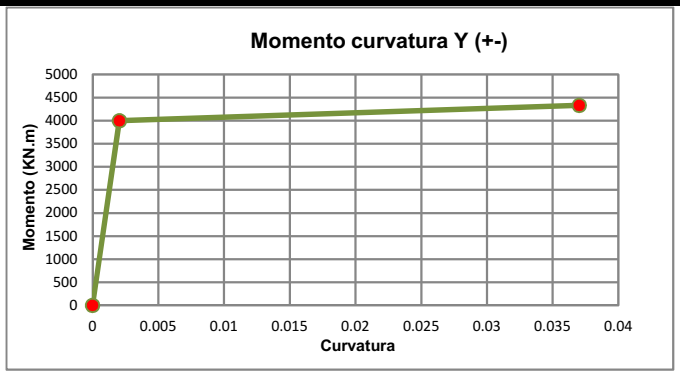
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	12000	Øy=	0.00050	ψy=	0.00125
M max (KN.m)=	13872	Ømax=	0.01220	ψmax=	0.0305
Mmax/My=	1.156	Ømax/Øy=	24.40	ψmax/ψy=	24.400



MOMENTO CURVATURA EN DIRECCION DE "Y (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.00204	ψy=	0.00219
M max (KN.m)=	4331	Ømax=	0.0370	ψmax=	0.039775
Mmax/My=	1.083	Ømax/Øy=	18.16	ψmax/ψy=	18.155



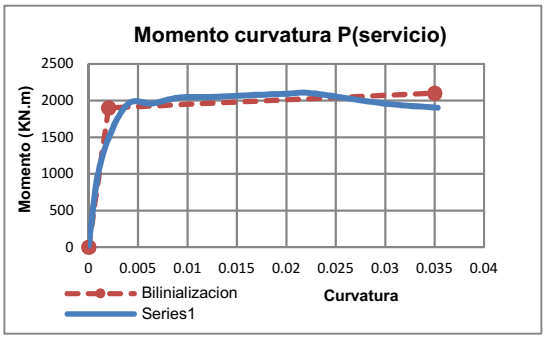
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M6 Y MUR-M6-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M6 Y MUR-M6-2	Piso 1	0.725	Serv Mayorada	1489.73
		0.5	Sismo	1944.74

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1489.73	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

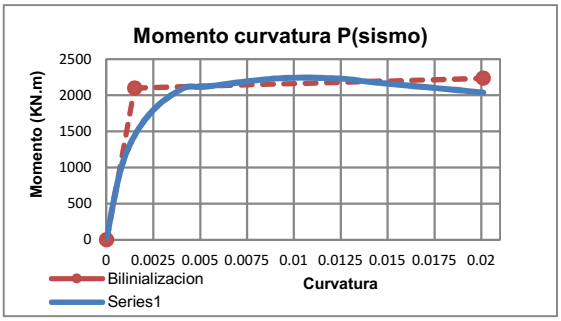


Curva 90°		
Punto	Curvature	Momento
1	0.00000	21.5
2	0.00092	974.0
3	0.00229	1579.5
4	0.00412	1968.0
5	0.00641	1960.6
6	0.00916	2042.0
7	0.01240	2048.5
8	0.01600	2071.2
9	0.02010	2093.1
10	0.02240	2102.3
11	0.02980	1961.3
12	0.03530	1901.8
13	0.04120	1844.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1900	Øy=	0.002000	ψy=	0.00145
M max (KN.m)=	2102	Ømax=	0.03500	ψmax=	0.025375
Mmax/My=	1.106	Ømax/Øy=	17.50	ψmax/ψy=	17.500

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1944.7	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

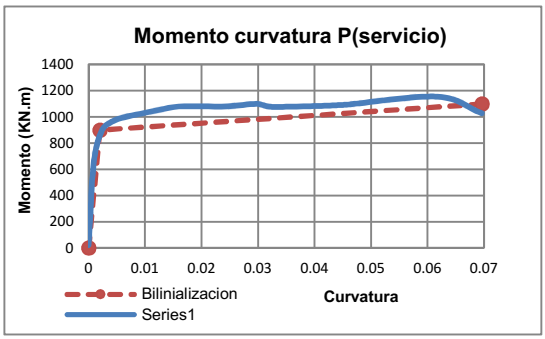


Curva 90°		
Punto	Curvature	Momento
1	0.00000	28.2
2	0.00092	1105.0
3	0.00229	1738.6
4	0.00412	2100.9
5	0.00527	2117.8
6	0.00916	2233.9
7	0.01240	2231.6
8	0.01420	2181.0
9	0.02010	2038.5
10	0.02470	1944.1
11	0.02980	1851.9
12	0.03530	1215.0
13	0.04120	609.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2100	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	2234	Ømax=	0.02010	ψmax=	0.0145725
Mmax/My=	1.064	Ømax/Øy=	13.40	ψmax/ψy=	13.400

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1489.73	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

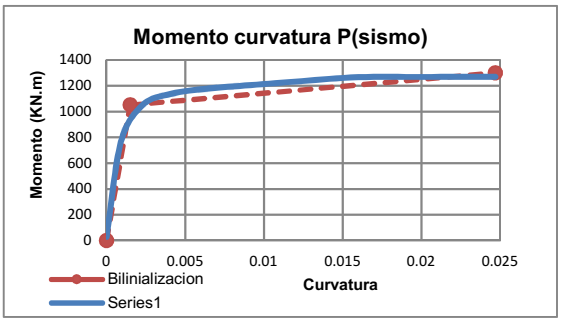


Curva 270°		
Punto	Curvature	Momento
1	0.00000	21.5
2	0.00092	647.2
3	0.00229	890.1
4	0.00412	963.1
5	0.00641	998.2
6	0.00916	1024.0
7	0.01240	1052.8
8	0.01600	1079.7
9	0.02010	1080.1
10	0.02470	1081.1
11	0.02980	1099.3
12	0.03250	1077.2
13	0.04120	1084.1
14	0.04440	1090.6
15	0.04570	1093.3
16	0.06180	1154.3
17	0.06960	1028.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	900	Øy=	0.002000	ψy=	0.00145
M max (KN.m)=	1100	Ømax=	0.06960	ψmax=	0.05046
Mmax/My=	1.222	Ømax/Øy=	34.80	ψmax/ψy=	34.800

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1944.7	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

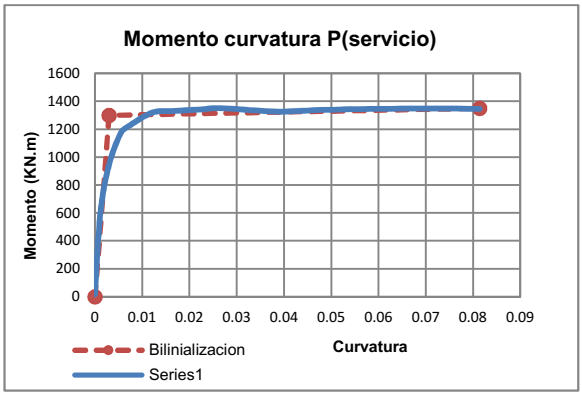


Curva 270°		
Punto	Curvature	Momento
1	0.00000	28.1
2	0.00092	765.2
3	0.00229	1050.2
4	0.00412	1138.0
5	0.00641	1177.6
6	0.00916	1205.0
7	0.01240	1235.8
8	0.01600	1266.1
9	0.02010	1268.1
10	0.02470	1269.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1050	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	1300	Ømax=	0.02470	ψmax=	0.0179075
Mmax/My=	1.238	Ømax/Øy=	16.47	ψmax/ψy=	16.467

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1489.73	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

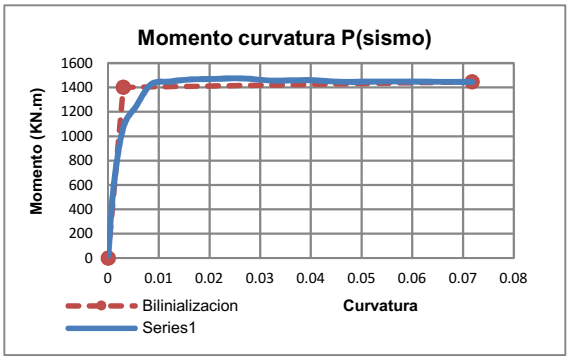


Curva 0°		
Punto	Curvature	Momento
1	0.00000	16.6
2	0.00121	612.2
3	0.00302	947.0
4	0.00543	1168.7
5	0.00694	1217.5
6	0.01210	1318.4
7	0.01630	1329.5
8	0.02110	1338.8
9	0.02650	1350.3
10	0.03260	1336.8
11	0.03920	1325.7
12	0.04640	1335.8
13	0.05430	1342.4
14	0.06270	1346.6
15	0.07180	1347.2
16	0.08140	1346.6
17	0.09170	1261.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.003000	ψy=	0.00150
M max (KN.m)=	1350	Ømax=	0.0814	ψmax=	0.0407
Mmax/My=	1.039	Ømax/Øy=	27.13	ψmax/ψy=	27.133

MOMENTO CURVATURA DIRECCION DE "Y(+)" CON CARGA MAXIMA DE SISMO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1944.7	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

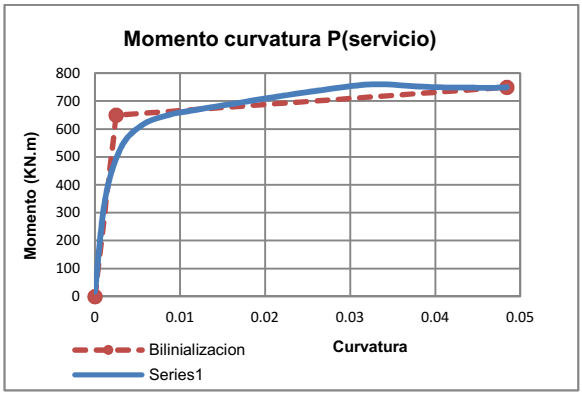


Curva 0°		
Punto	Curvature	Momento
1	0.00000	21.6
2	0.00121	627.1
3	0.00302	1074.6
4	0.00543	1240.2
5	0.00845	1424.7
6	0.01210	1448.9
7	0.01630	1466.2
8	0.02110	1470.6
9	0.02650	1474.8
10	0.03260	1456.0
11	0.03920	1460.5
12	0.04640	1446.6
13	0.05430	1449.5
14	0.06270	1447.6
15	0.07180	1445.8
16	0.08140	1381.9
17	0.09170	1007.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1400	Øy=	0.003000	ψy=	0.00150
M max (KN.m)=	1446	Ømax=	0.0718	ψmax=	0.0359
Mmax/My=	1.033	Ømax/Øy=	23.93	ψmax/ψy=	23.933

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1489.73	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

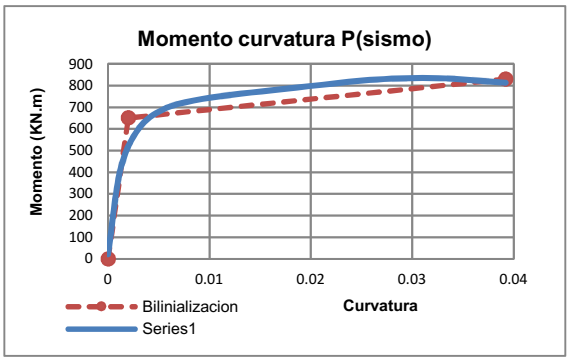


Curva 180°		
Punto	Curvature	Momento
1	0.00000	16.6
2	0.00121	348.4
3	0.00302	530.2
4	0.00543	611.7
5	0.00845	648.5
6	0.01210	669.7
7	0.01630	690.4
8	0.02110	714.5
9	0.02650	738.3
10	0.03260	760.1
11	0.03920	750.3
12	0.04640	747.7
13	0.04840	749.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.002500	ψy=	0.00125
M max (KN.m)=	750	Ømax=	0.0484	ψmax=	0.0242
Mmax/My=	1.154	Ømax/Øy=	19.36	ψmax/ψy=	19.360

MOMENTO CURVATURA DIRECCION DE "Y(-)" CON CARGA MAXIMA DE SISMO

MUR-M6 Y MUR-M6-2			
Pu (KN)=	1944.7	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

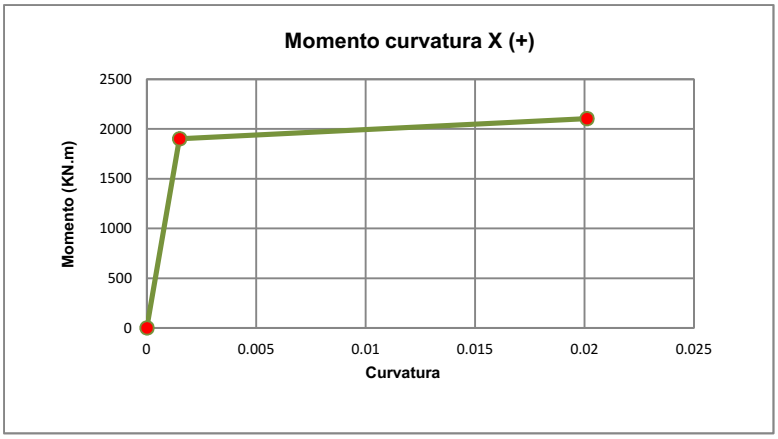


Curva 180°		
Punto	Curvature	Momento
1	0.00000	21.6
2	0.00121	409.7
3	0.00302	600.7
4	0.00543	689.7
5	0.00845	730.9
6	0.01210	757.0
7	0.01630	779.1
8	0.02110	803.6
9	0.02650	828.3
10	0.03260	834.2
11	0.03920	813.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.002000	ψy=	0.00100
M max (KN.m)=	830	Ømax=	0.0392	ψmax=	0.0196
Mmax/My=	1.277	Ømax/Øy=	19.60	ψmax/ψy=	19.600

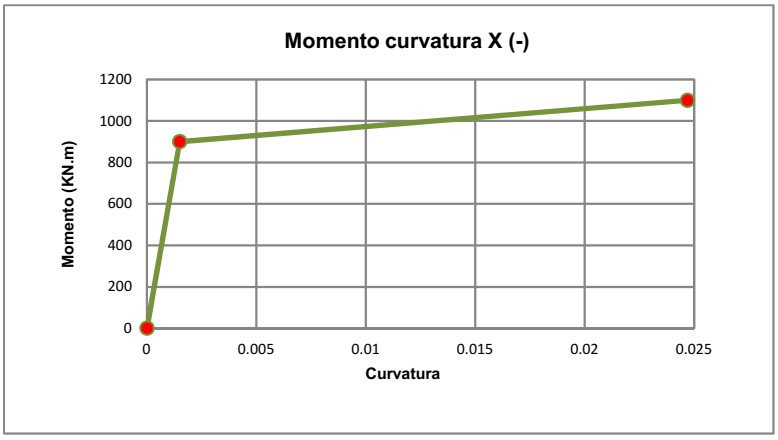
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1900	Øy=	0.00150	ψy=	0.00109
M max (KN.m)=	2102	Ømax=	0.0201	ψmax=	0.0145725
Mmax/My=	1.106	Ømax/Øy=	13.40	ψmax/ψy=	13.400



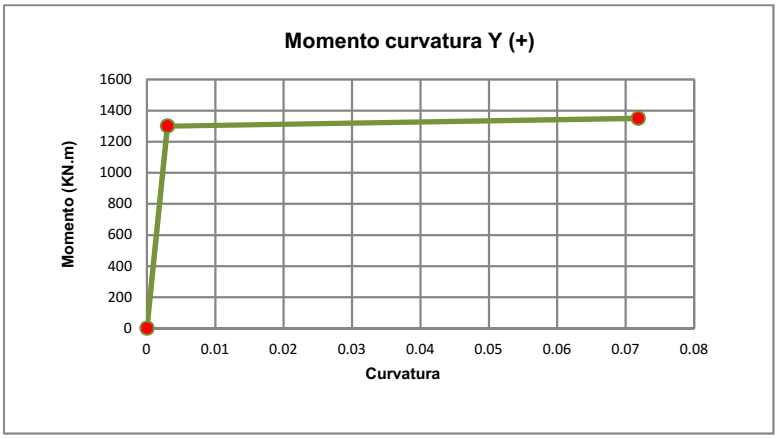
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	900	Øy=	0.00150	ψy=	0.00109
M max (KN.m)=	1100	Ømax=	0.02470	ψmax=	0.0179075
Mmax/My=	1.222	Ømax/Øy=	16.47	ψmax/ψy=	16.467



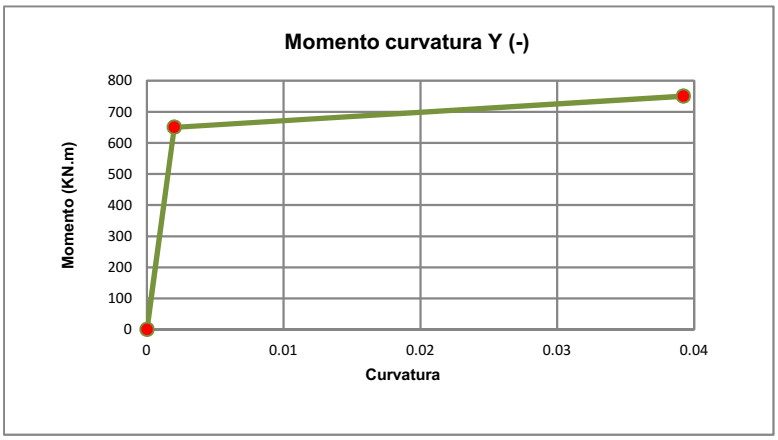
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.00300	ψy=	0.00150
M max (KN.m)=	1350	Ømax=	0.0718	ψmax=	0.0359
Mmax/My=	1.039	Ømax/Øy=	23.93	ψmax/ψy=	23.933



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.00200	ψy=	0.00100
M max (KN.m)=	750	Ømax=	0.03920	ψmax=	0.0196
Mmax/My=	1.154	Ømax/Øy=	19.60	ψmax/ψy=	19.600



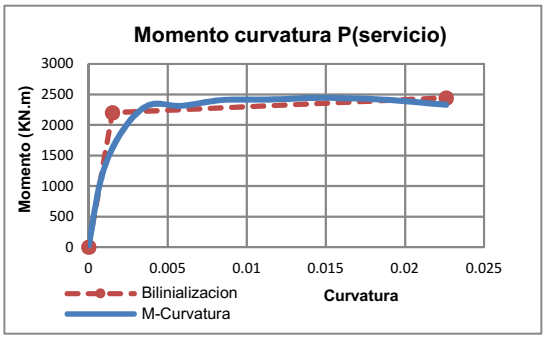
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M7 Y MUR-M7-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M7 Y MUR-M7-2	Piso 1	0.8	Serv Mayorada	1662.32
		0.5	Sismo	2038.56

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	1662.32	f`c(KN/m2)=	28000
Lp(m)=	0.8	fy(KN/m2)=	420000

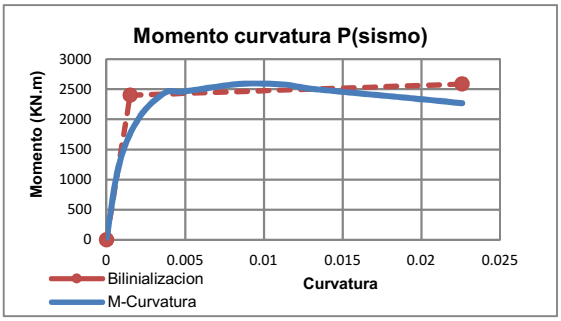


Curva 90°		
Punto	Curvature	Momento
1	0.00000	29.7
2	0.00084	1173.9
3	0.00210	1890.2
4	0.00378	2322.2
5	0.00587	2313.2
6	0.00839	2408.2
7	0.01130	2416.8
8	0.01470	2444.4
9	0.01850	2417.1
10	0.02260	2330.7
11	0.02730	2259.6
12	0.03230	2193.0
13	0.03770	2125.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2200	Øy=	0.001500	ψy=	0.00120
M max (KN.m)=	2444	Ømax=	0.02260	ψmax=	0.01808
Mmax/My=	1.111	Ømax/Øy=	15.07	ψmax/ψy=	15.067

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	2038.6	f`c(KN/m2)=	28000
Lp(m)=	0.8	fy(KN/m2)=	420000

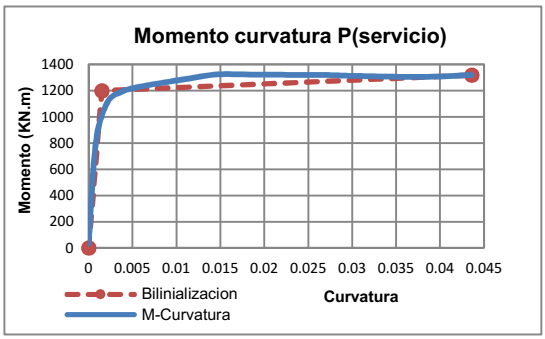


Curva 90°		
Punto	Curvature	Momento
1	0.00000	36.5
2	0.00084	1291.8
3	0.00210	2036.6
4	0.00378	2452.7
5	0.00482	2458.8
6	0.00839	2585.5
7	0.01130	2578.6
8	0.01300	2507.7
9	0.01850	2372.3
10	0.02260	2267.4
11	0.02730	2169.9
12	0.03230	2079.3
13	0.03770	186.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2400	Øy=	0.001500	ψy=	0.00120
M max (KN.m)=	2586	Ømax=	0.02260	ψmax=	0.01808
Mmax/My=	1.077	Ømax/Øy=	15.07	ψmax/ψy=	15.067

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	1662.32	f`c(KN/m2)=	28000
Lp(m)=	0.8	fy(KN/m2)=	420000

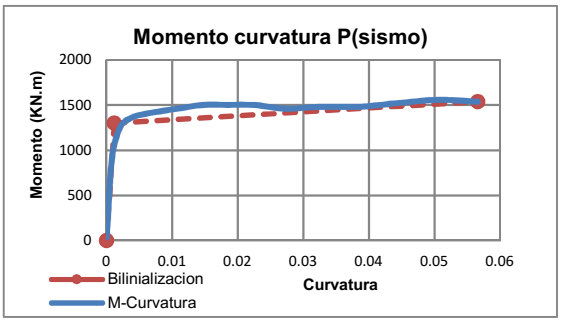


Curva 270°		
Punto	Curvature	Momento
1	0.00000	29.7
2	0.00084	806.4
3	0.00210	1105.4
4	0.00378	1192.3
5	0.00587	1230.5
6	0.00839	1260.3
7	0.01130	1291.8
8	0.01470	1324.8
9	0.01850	1323.4
10	0.02260	1321.3
11	0.02730	1319.3
12	0.02980	1313.9
13	0.03770	1305.7
14	0.04360	1319.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1200	Øy=	0.001500	ψy=	0.00120
M max (KN.m)=	1320	Ømax=	0.04360	ψmax=	0.03488
Mmax/My=	1.100	Ømax/Øy=	29.07	ψmax/ψy=	29.067

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	2038.6	f`c(KN/m2)=	28000
Lp(m)=	0.8	fy(KN/m2)=	420000

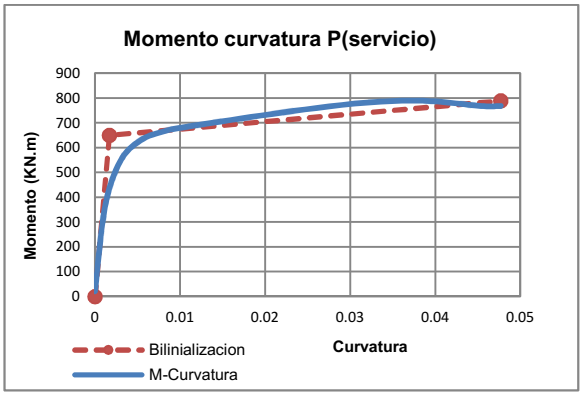


Curva 270°		
Punto	Curvature	Momento
1	0.00000	36.5
2	0.00084	916.2
3	0.00210	1257.2
4	0.00378	1358.9
5	0.00587	1402.3
6	0.00839	1433.7
7	0.01130	1466.3
8	0.01470	1501.9
9	0.01850	1502.4
10	0.02260	1500.3
11	0.02730	1460.0
12	0.03230	1480.1
13	0.03770	1479.1
14	0.03920	1483.1
15	0.04990	1555.9
16	0.05660	1537.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.001200	ψy=	0.00096
M max (KN.m)=	1538	Ømax=	0.05660	ψmax=	0.04528
Mmax/My=	1.183	Ømax/Øy=	47.17	ψmax/ψy=	47.167

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	1662.32	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

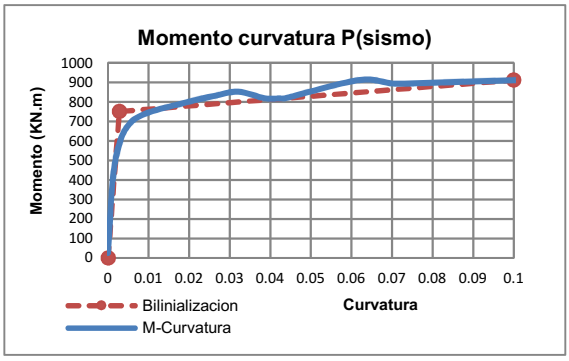


Curva 0°		
Punto	Curvature	Momento
1	0.00000	20.5
2	0.00119	360.8
3	0.00297	544.1
4	0.00534	628.6
5	0.00831	667.4
6	0.01190	689.7
7	0.01600	711.0
8	0.02080	735.4
9	0.02610	759.7
10	0.03210	781.8
11	0.03860	788.6
12	0.04570	766.9
13	0.04770	767.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.001700	ψy=	0.00085
M max (KN.m)=	789	Ømax=	0.0477	ψmax=	0.02385
Mmax/My=	1.213	Ømax/Øy=	28.06	ψmax/ψy=	28.059

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	2038.6	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

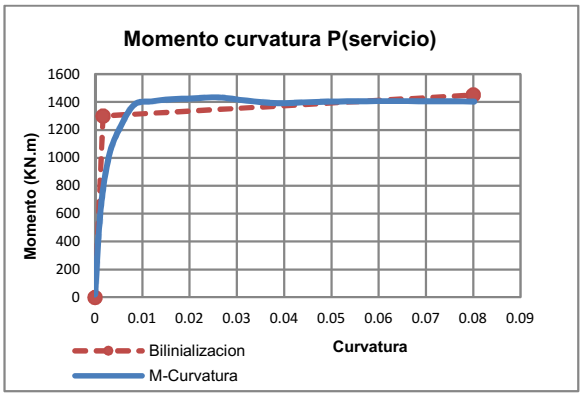


Curva 0°		
Punto	Curvature	Momento
1	0.00000	25.2
2	0.00119	409.4
3	0.00297	599.3
4	0.00534	689.5
5	0.00831	732.1
6	0.01190	758.3
7	0.01600	780.6
8	0.02080	805.5
9	0.02610	830.5
10	0.03210	852.3
11	0.03860	818.7
12	0.04220	818.2
13	0.04360	818.5
14	0.06180	911.8
15	0.07070	893.5
16	0.08020	899.0
17	0.09030	905.0
18	0.10090	911.7
19	0.11220	775.9
20	0.12410	664.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	750	Øy=	0.002796	ψy=	0.00140
M max (KN.m)=	912	Ømax=	0.1	ψmax=	0.05
Mmax/My=	1.216	Ømax/Øy=	35.77	ψmax/ψy=	35.765

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	1662.32	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

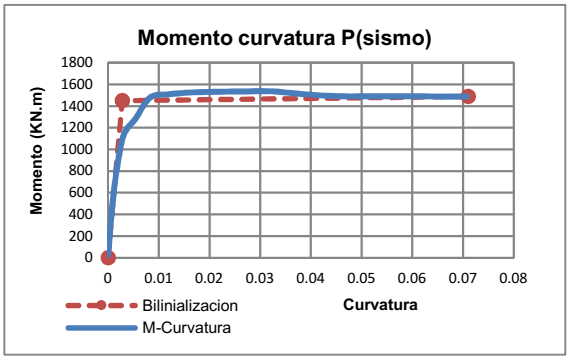


Curva 180°		
Punto	Curvature	Momento
1	0.00000	20.5
2	0.00119	630.0
3	0.00297	1014.0
4	0.00534	1220.5
5	0.00831	1381.4
6	0.01190	1404.4
7	0.01600	1419.3
8	0.02080	1425.6
9	0.02610	1433.5
10	0.03210	1409.4
11	0.03860	1391.8
12	0.04570	1399.3
13	0.05340	1404.7
14	0.06180	1406.6
15	0.07070	1405.4
16	0.08020	1403.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.001700	ψy=	0.00085
M max (KN.m)=	1450	Ømax=	0.08	ψmax=	0.04
Mmax/My=	1.115	Ømax/Øy=	47.06	ψmax/ψy=	47.059

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M7 Y MUR-M7-2			
Pu (KN)=	2038.6	f`c(KN/m2)=	28000
Lp(m)=	0.5	fy(KN/m2)=	420000

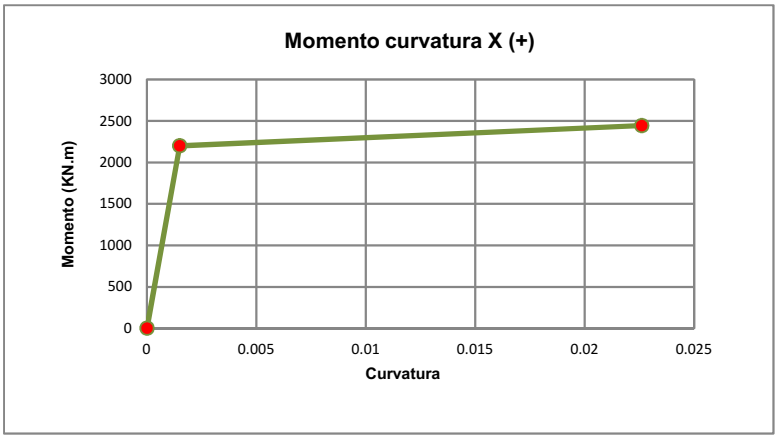


Curva 180°		
Punto	Curvature	Momento
1	0.00000	25.2
2	0.00119	633.1
3	0.00297	1117.6
4	0.00534	1278.1
5	0.00831	1478.8
6	0.01190	1508.4
7	0.01600	1524.5
8	0.02080	1531.6
9	0.02610	1533.9
10	0.03210	1536.0
11	0.03860	1509.5
12	0.04570	1489.4
13	0.05340	1491.3
14	0.06180	1489.6
15	0.07070	1487.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1450	Øy=	0.002796	ψy=	0.00140
M max (KN.m)=	1488	Ømax=	0.071	ψmax=	0.0355
Mmax/My=	1.026	Ømax/Øy=	25.39	ψmax/ψy=	25.393

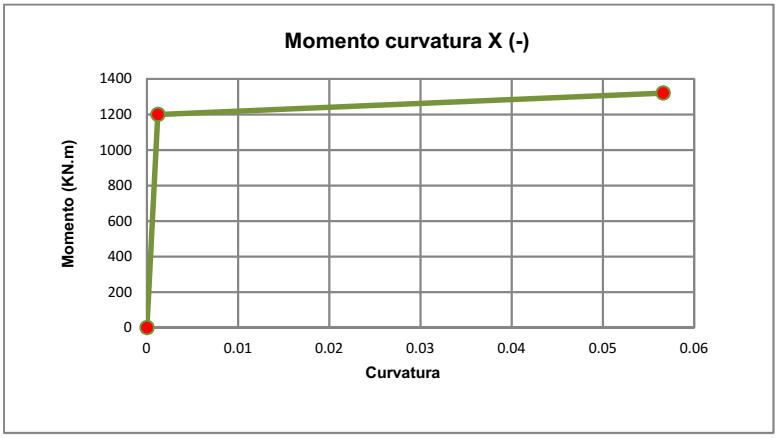
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2200	Øy=	0.00150	ψy=	0.00120
M max (KN.m)=	2444	Ømax=	0.0226	ψmax=	0.01808
Mmax/My=	1.111	Ømax/Øy=	15.07	ψmax/ψy=	15.067



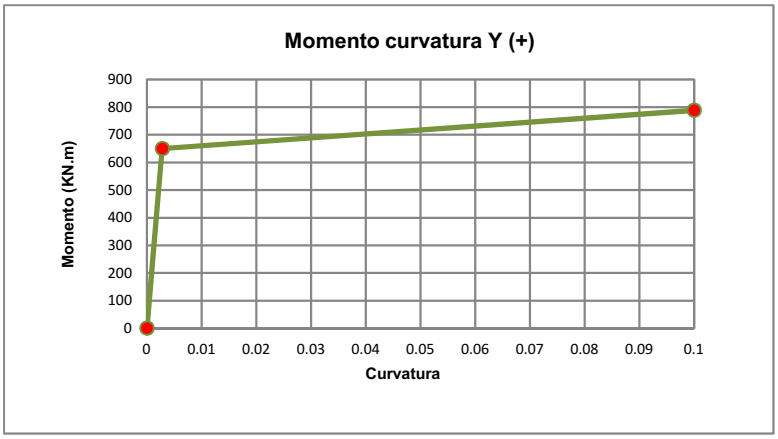
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1200	Øy=	0.00120	ψy=	0.00096
M max (KN.m)=	1320	Ømax=	0.05660	ψmax=	0.04528
Mmax/My=	1.100	Ømax/Øy=	47.17	ψmax/ψy=	47.167



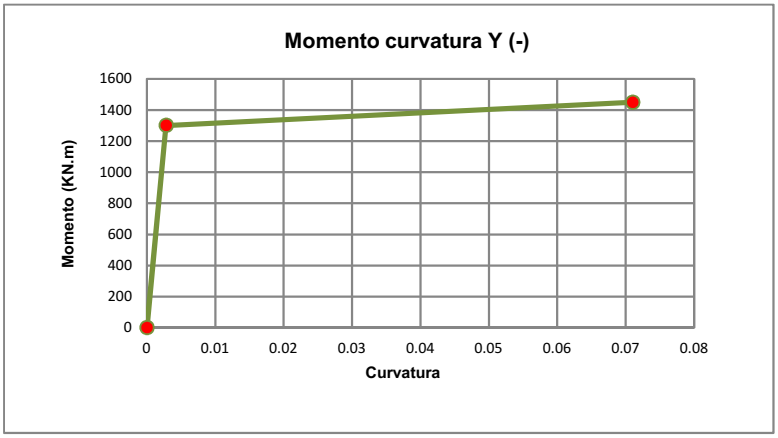
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.00280	ψy=	0.00140
M max (KN.m)=	789	Ømax=	0.1000	ψmax=	0.05
Mmax/My=	1.213	Ømax/Øy=	35.77	ψmax/ψy=	35.765



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.00280	ψy=	0.00140
M max (KN.m)=	1450	Ømax=	0.07100	ψmax=	0.0355
Mmax/My=	1.115	Ømax/Øy=	25.39	ψmax/ψy=	25.393



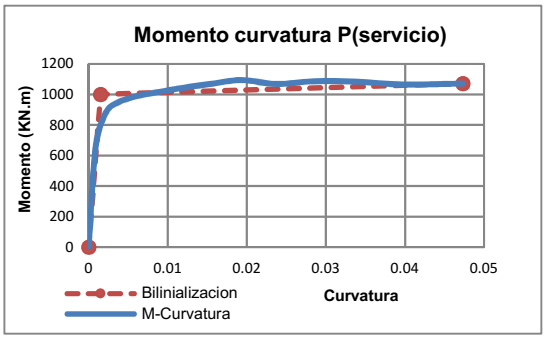
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M8 Y MUR-M8-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M8 Y MUR-M8-2	Piso 1	0.725	Serv Mayorada	1600.62
		0.625	Sismo	2058.72

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	1600.62	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

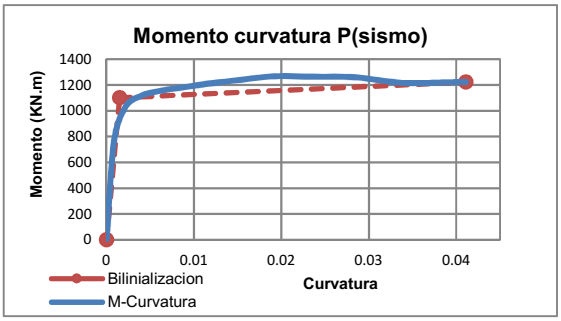


Curva 90°		
Punto	Curvature	Momento
1	0.00000	3.3
2	0.00088	654.5
3	0.00220	883.0
4	0.00395	953.1
5	0.00615	989.6
6	0.00878	1015.3
7	0.01190	1043.0
8	0.01540	1068.4
9	0.01930	1094.2
10	0.02370	1068.4
11	0.02850	1086.3
12	0.03380	1084.1
13	0.03950	1065.0
14	0.04570	1069.7
15	0.04730	1071.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1000	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	1071	Ømax=	0.04730	ψmax=	0.0342925
Mmax/My=	1.071	Ømax/Øy=	31.53	ψmax/ψy=	31.533

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	2058.7	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

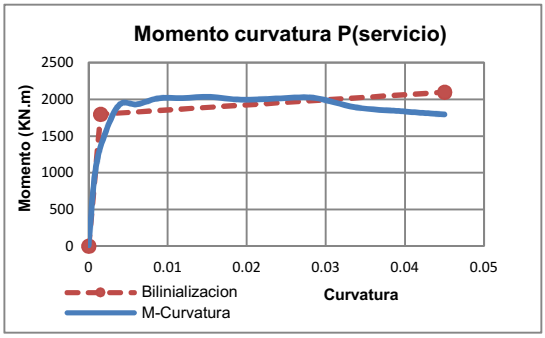


Curva 90°		
Punto	Curvature	Momento
1	0.00000	4.3
2	0.00088	775.2
3	0.00220	1033.3
4	0.00395	1115.4
5	0.00615	1153.8
6	0.00878	1181.8
7	0.01190	1211.9
8	0.01540	1240.2
9	0.01930	1267.3
10	0.02370	1263.4
11	0.02850	1259.4
12	0.03380	1215.9
13	0.03950	1221.1
14	0.04110	1222.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1100	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	1223	Ømax=	0.04110	0.0411	0.0297975
Mmax/My=	1.111	Ømax/Øy=	27.40	ψmax/ψy=	27.400

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	1600.62	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

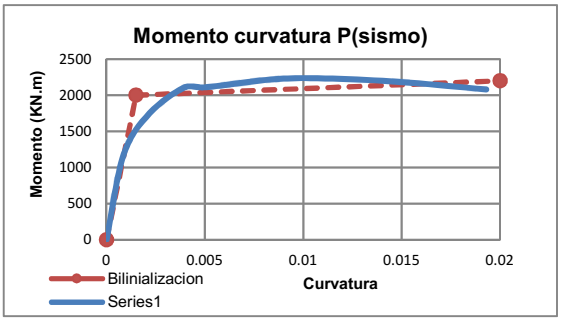


Curva 270°		
Punto	Curvature	Momento
1	0.00000	3.3
2	0.00088	1037.7
3	0.00220	1564.2
4	0.00395	1931.0
5	0.00615	1933.4
6	0.00878	2013.6
7	0.01190	2018.3
8	0.01540	2033.9
9	0.01930	1995.3
10	0.02370	2011.2
11	0.02850	2021.0
12	0.03380	1890.5
13	0.03950	1839.1
14	0.04260	1813.7
15	0.04500	1795.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1800	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	2100	Ømax=	0.04500	ψmax=	0.032625
Mmax/My=	1.167	Ømax/Øy=	30.00	ψmax/ψy=	30.000

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	2058.7	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

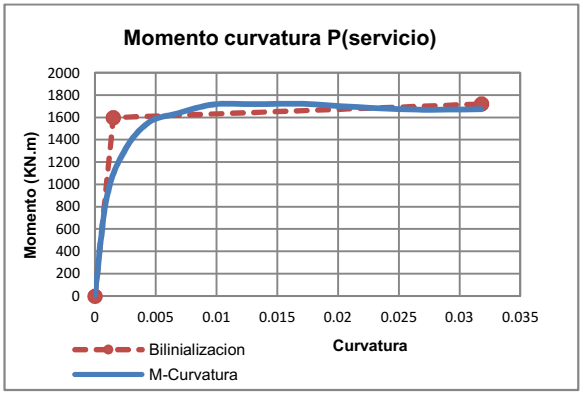


Curva 270°		
Punto	Curvature	Momento
1	0.00000	4.2
2	0.00088	1184.8
3	0.00220	1751.8
4	0.00395	2107.3
5	0.00505	2111.1
6	0.00878	2226.6
7	0.01190	2226.5
8	0.01540	2174.8
9	0.01930	2080.0
10	0.02370	1983.1
11	0.02850	1901.6
12	0.03380	1820.1
13	0.03950	37.7
14	0.04570	32.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2000	Øy=	0.001500	ψy=	0.00109
M max (KN.m)=	2200	Ømax=	0.02000	0.0411	0.0145
Mmax/My=	1.100	Ømax/Øy=	13.33	ψmax/ψy=	13.333

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	1600.62	f`c(KN/m2)=	28000
Lp(m)=	0.625	fy(KN/m2)=	420000

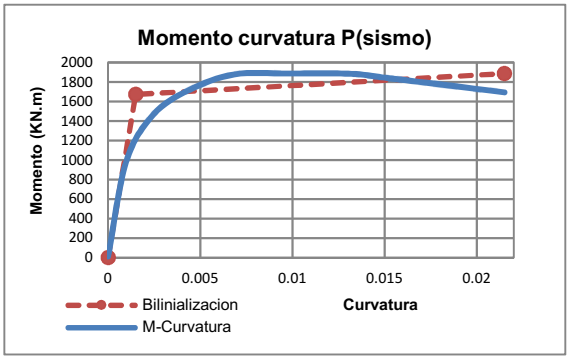


Curva 0°		
Punto	Curvature	Momento
1	0.00000	7.5
2	0.00098	882.9
3	0.00245	1302.7
4	0.00440	1552.9
5	0.00685	1637.7
6	0.00978	1716.7
7	0.01320	1719.0
8	0.01710	1721.1
9	0.02150	1692.8
10	0.02640	1669.6
11	0.03180	1672.1
12	0.03770	1542.5
13	0.04400	1492.9
14	0.04740	1468.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1600	Øy=	0.001500	ψy=	0.00094
M max (KN.m)=	1721	Ømax=	0.0318	ψmax=	0.019875
Mmax/My=	1.076	Ømax/Øy=	21.20	ψmax/ψy=	21.200

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	2058.7	f`c(KN/m2)=	28000
Lp(m)=	0.625	fy(KN/m2)=	420000

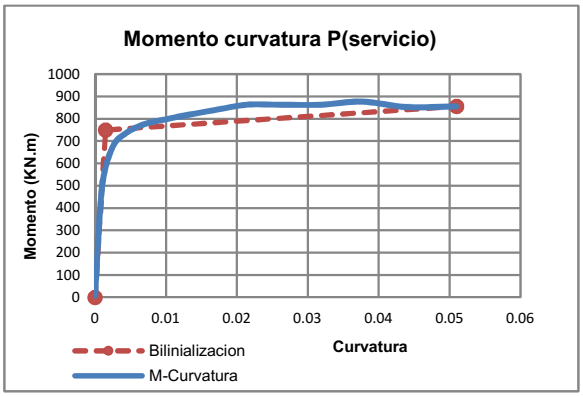


Curva 0°		
Punto	Curvature	Momento
1	0.00000	9.7
2	0.00098	980.0
3	0.00245	1463.8
4	0.00440	1718.9
5	0.00685	1878.3
6	0.00978	1886.8
7	0.01320	1884.1
8	0.01520	1840.3
9	0.02150	1694.1
10	0.02640	1610.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1670.7	Øy=	0.001500	ψy=	0.00094
M max (KN.m)=	1887	Ømax=	0.0215	ψmax=	0.0134375
Mmax/My=	1.129	Ømax/Øy=	14.33	ψmax/ψy=	14.333

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	1600.62	f`c(KN/m2)=	28000
Lp(m)=	0.625	fy(KN/m2)=	420000

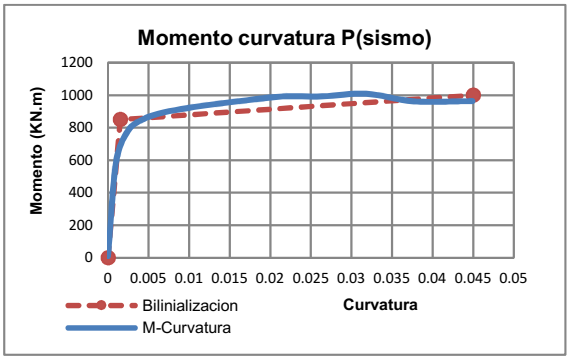


Curva 180°		
Punto	Curvature	Momento
1	0.00000	7.5
2	0.00098	492.8
3	0.00245	671.2
4	0.00440	736.3
5	0.00685	774.6
6	0.00978	796.2
7	0.01320	817.9
8	0.01710	840.0
9	0.02150	863.1
10	0.02640	862.7
11	0.03180	862.7
12	0.03770	876.9
13	0.04400	852.1
14	0.05090	855.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	750	Øy=	0.001500	ψy=	0.00094
M max (KN.m)=	856	Ømax=	0.051	ψmax=	0.031875
Mmax/My=	1.141	Ømax/Øy=	34.00	ψmax/ψy=	34.000

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M8 Y MUR-M8-2			
Pu (KN)=	2058.7	f`c(KN/m2)=	28000
Lp(m)=	0.625	fy(KN/m2)=	420000

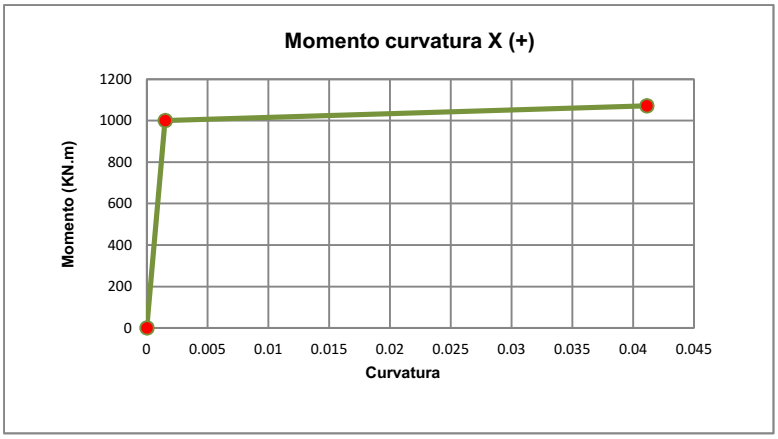


Curva 180°		
Punto	Curvature	Momento
1	0.00000	9.7
2	0.00098	587.9
3	0.00245	780.3
4	0.00440	854.1
5	0.00685	893.9
6	0.00978	920.9
7	0.01320	945.4
8	0.01710	968.8
9	0.02150	992.4
10	0.02640	992.9
11	0.03180	1008.9
12	0.03770	962.4
13	0.04400	963.2
14	0.04490	963.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	850	Øy=	0.001500	ψy=	0.00094
M max (KN.m)=	1000	Ømax=	0.045	ψmax=	0.028125
Mmax/My=	1.176	Ømax/Øy=	30.00	ψmax/ψy=	30.000

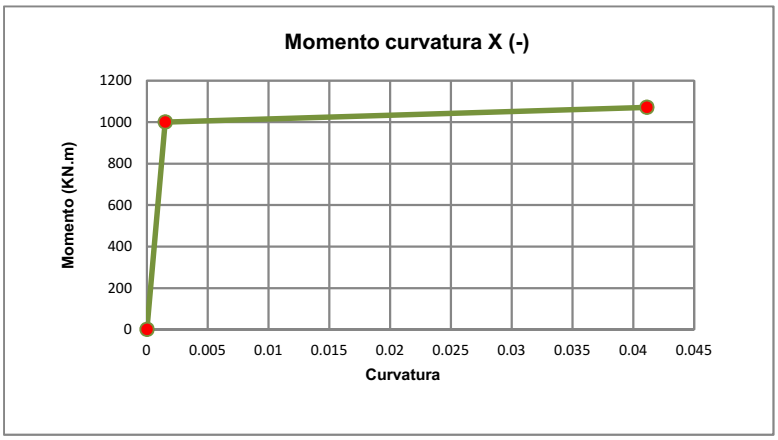
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1000	Øy=	0.00150	ψy=	0.00109
M max (KN.m)=	1071	Ømax=	0.0411	ψmax=	0.0297975
Mmax/My=	1.071	Ømax/Øy=	27.40	ψmax/ψy=	27.400



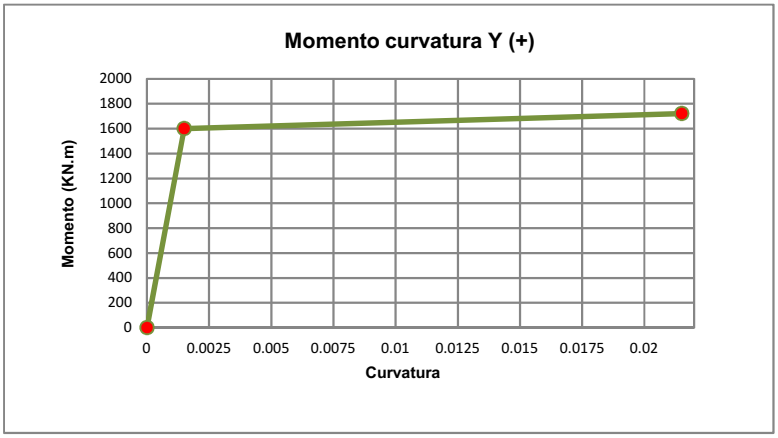
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1800	Øy=	0.00150	ψy=	0.00109
M max (KN.m)=	2100	Ømax=	0.02000	ψmax=	0.0145
Mmax/My=	1.167	Ømax/Øy=	13.33	ψmax/ψy=	13.333



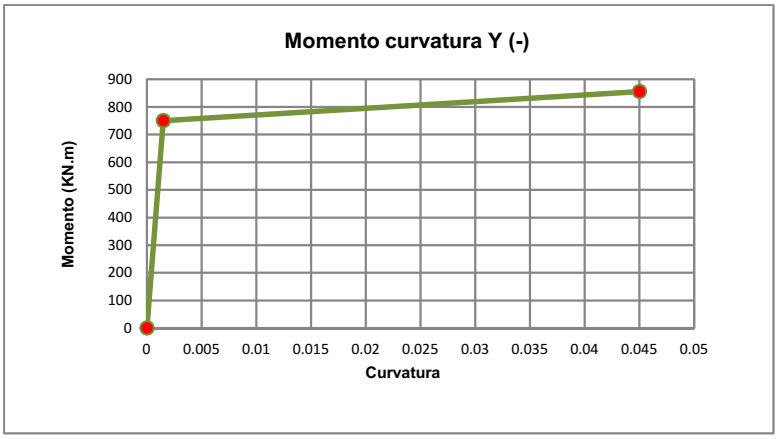
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1600	Øy=	0.00150	ψy=	0.00094
M max (KN.m)=	1721	Ømax=	0.0215	ψmax=	0.0134375
Mmax/My=	1.076	Ømax/Øy=	14.33	ψmax/ψy=	14.333



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	750	Øy=	0.00150	ψy=	0.00094
M max (KN.m)=	855.6	Ømax=	0.04500	ψmax=	0.028125
Mmax/My=	1.141	Ømax/Øy=	30.00	ψmax/ψy=	30.000



DIAGRAMAS MOMENTO CURVATURA MURO MUR-M9 Y MUR-M9-2

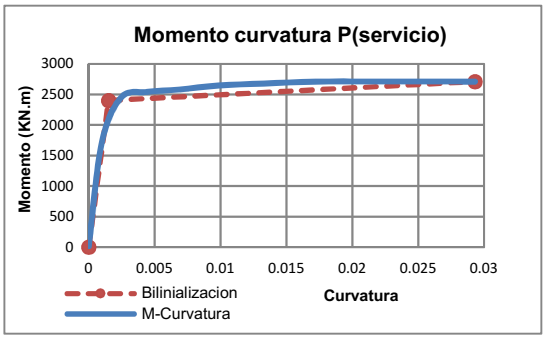
Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M9 Y MUR-M9-2	Piso 1	0.9	Serv Mayorada	1374.66
		0.425	Sismo	1832.76

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1374.66	**f`c(KN/m2)=**	28000
Lp(m)=	0.9	**fy(KN/m2)=**	420000

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	12.6
2	0.00098	1702.4
3	0.00246	2450.4
4	0.00443	2541.5
5	0.00689	2581.4
6	0.00984	2646.0
7	0.01330	2679.1
8	0.01720	2709.3
9	0.02160	2711.3
10	0.02660	2711.4
11	0.02930	2710.4

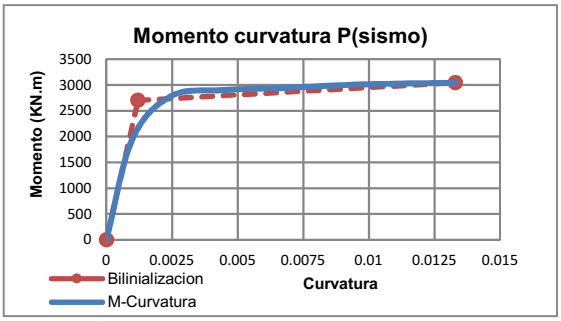


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	2400	**Øy=**	0.001500	**ψy=**	0.00135
M max (KN.m)=	2710	**Ømax=**	0.02930	**ψmax=**	0.02637
Mmax/My=	1.129	**Ømax/Øy=**	19.53	**ψmax/ψy=**	19.533

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1832.8	**f`c(KN/m2)=**	28000
Lp(m)=	0.9	**fy(KN/m2)=**	420000

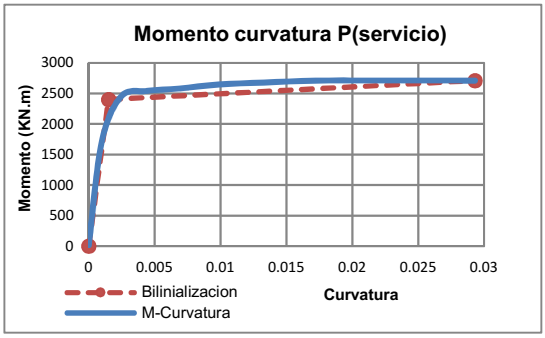
Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	16.9
2	0.00098	1949.7
3	0.00246	2783.7
4	0.00443	2899.3
5	0.00689	2945.9
6	0.00984	3010.3
7	0.01330	3042.7



MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	2700	**Øy=**	0.001200	**ψy=**	0.00108
M max (KN.m)=	3043	**Ømax=**	0.01330	**0.0411**	0.01197
Mmax/My=	1.127	**Ømax/Øy=**	11.08	**ψmax/ψy=**	11.083

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1374.66	f`c(KN/m2)=	28000
Lp(m)=	0.9	fy(KN/m2)=	420000

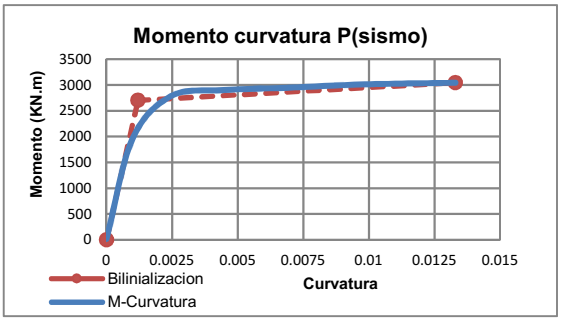


Curva 270°		
Punto	Curvature	Momento
1	0.00000	12.6
2	0.00098	1702.4
3	0.00246	2450.4
4	0.00443	2541.5
5	0.00689	2581.4
6	0.00984	2646.0
7	0.01330	2679.1
8	0.01720	2709.3
9	0.02160	2711.3
10	0.02660	2711.4
11	0.02930	2710.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2400	Øy=	0.001500	ψy=	0.00135
M max (KN.m)=	2710	Ømax=	0.02930	ψmax=	0.02637
Mmax/My=	1.129	Ømax/Øy=	19.53	ψmax/ψy=	19.533

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1832.8	f`c(KN/m2)=	28000
Lp(m)=	0.9	fy(KN/m2)=	420000

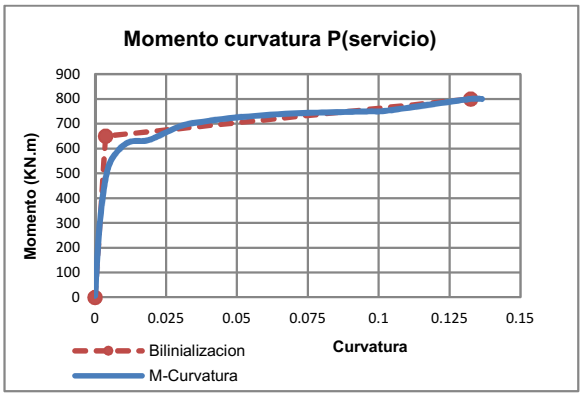


Curva 270°		
Punto	Curvature	Momento
1	0.00000	16.9
2	0.00098	1949.7
3	0.00246	2783.7
4	0.00443	2899.3
5	0.00689	2945.9
6	0.00984	3010.3
7	0.01330	3042.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2700	Øy=	0.001200	ψy=	0.00108
M max (KN.m)=	3043	Ømax=	0.01330	**0.0411**	0.01197
Mmax/My=	1.127	Ømax/Øy=	11.08	ψmax/ψy=	11.083

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1374.66	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

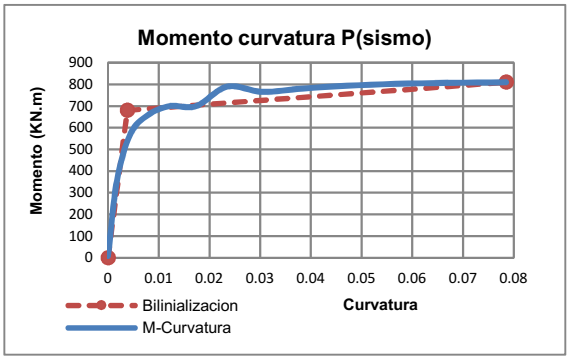


Curva 0°		
Punto	Curvature	Momento
1	0.00000	6.3
2	0.00174	307.7
3	0.00436	512.2
4	0.00785	587.9
5	0.01220	626.6
6	0.01740	630.6
7	0.02050	640.8
8	0.03050	692.0
9	0.03840	708.6
10	0.04710	721.7
11	0.05670	731.6
12	0.06710	739.9
13	0.07850	744.6
14	0.09070	748.0
15	0.09720	750.0
16	0.10230	751.6
17	0.13250	800.0
18	0.13640	799.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.003706	ψy=	0.00158
M max (KN.m)=	800	Ømax=	0.1325	ψmax=	0.0563125
Mmax/My=	1.231	Ømax/Øy=	35.75	ψmax/ψy=	35.753

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1832.8	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

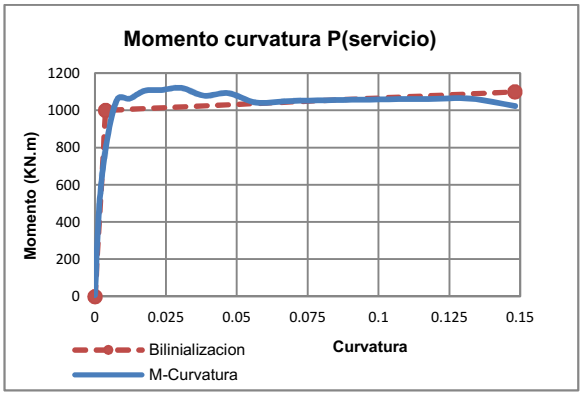


Curva 0°		
Punto	Curvature	Momento
1	0.00000	8.5
2	0.00174	355.1
3	0.00436	569.4
4	0.00785	658.5
5	0.01220	699.8
6	0.01740	699.9
7	0.02350	789.6
8	0.03050	765.4
9	0.03840	780.7
10	0.04710	793.5
11	0.05670	802.4
12	0.06710	806.9
13	0.07850	809.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	680	Øy=	0.003830	ψy=	0.00163
M max (KN.m)=	810	Ømax=	0.0785	ψmax=	0.0333625
Mmax/My=	1.191	Ømax/Øy=	20.50	ψmax/ψy=	20.496

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1374.66	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

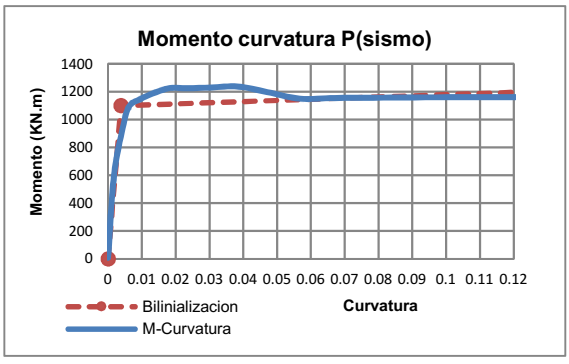


Curva 180°		
Punto	Curvature	Momento
1	0.00000	6.3
2	0.00174	525.6
3	0.00436	843.9
4	0.00785	1058.8
5	0.01220	1062.4
6	0.01740	1104.5
7	0.02350	1109.6
8	0.03050	1120.6
9	0.03840	1079.1
10	0.04710	1091.9
11	0.05670	1042.4
12	0.06710	1049.0
13	0.07850	1053.8
14	0.09070	1056.9
15	0.10370	1059.5
16	0.11770	1061.2
17	0.13250	1062.9
18	0.14820	1023.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1000	Øy=	0.003706	ψy=	0.00158
M max (KN.m)=	1100	Ømax=	0.148	ψmax=	0.0629
Mmax/My=	1.100	Ømax/Øy=	39.94	ψmax/ψy=	39.935

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M9 Y MUR-M9-2			
Pu (KN)=	1832.8	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

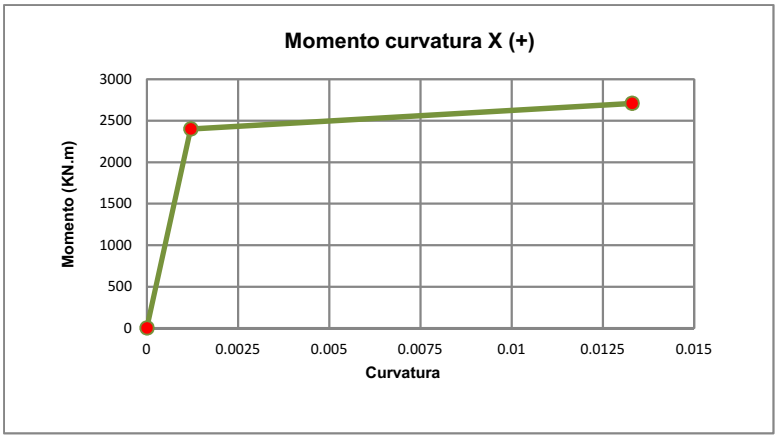


Curva 180°		
Punto	Curvature	Momento
1	0.00000	8.5
2	0.00174	596.3
3	0.00436	941.9
4	0.00610	1090.4
5	0.00915	1143.9
6	0.01740	1222.5
7	0.02350	1225.3
8	0.03050	1231.1
9	0.03840	1237.8
10	0.04710	1197.7
11	0.05670	1150.8
12	0.06710	1155.2
13	0.07850	1157.5
14	0.09070	1159.8
15	0.10370	1160.9
16	0.11770	1161.3
17	0.12510	1159.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1100	Øy=	0.003830	ψy=	0.00163
M max (KN.m)=	1200	Ømax=	0.125	ψmax=	0.053125
Mmax/My=	1.091	Ømax/Øy=	32.64	ψmax/ψy=	32.637

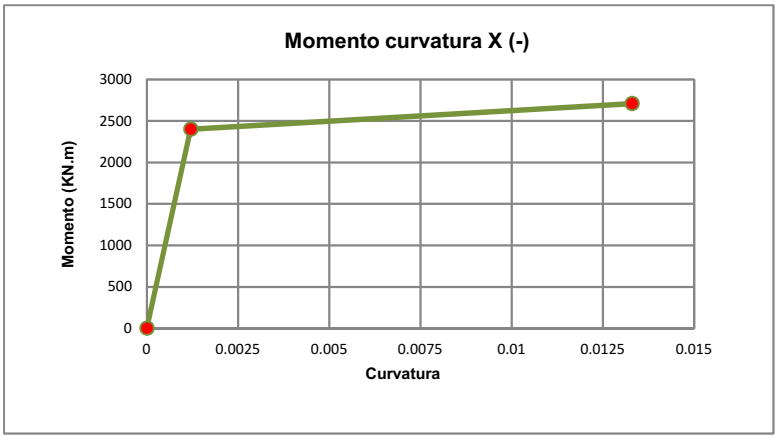
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2400	Øy=	0.00120	ψy=	0.00108
M max (KN.m)=	2710	Ømax=	0.0133	ψmax=	0.01197
Mmax/My=	1.129	Ømax/Øy=	11.08	ψmax/ψy=	11.083



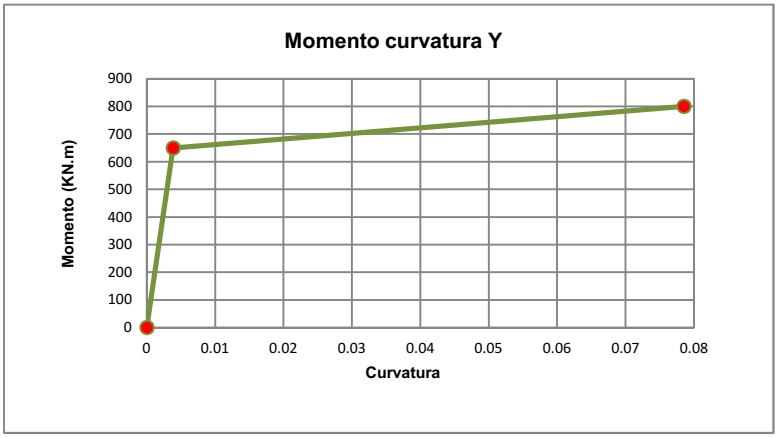
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2400	Øy=	0.00120	ψy=	0.00108
M max (KN.m)=	2710.4	Ømax=	0.01330	ψmax=	0.01197
Mmax/My=	1.129	Ømax/Øy=	11.08	ψmax/ψy=	11.083



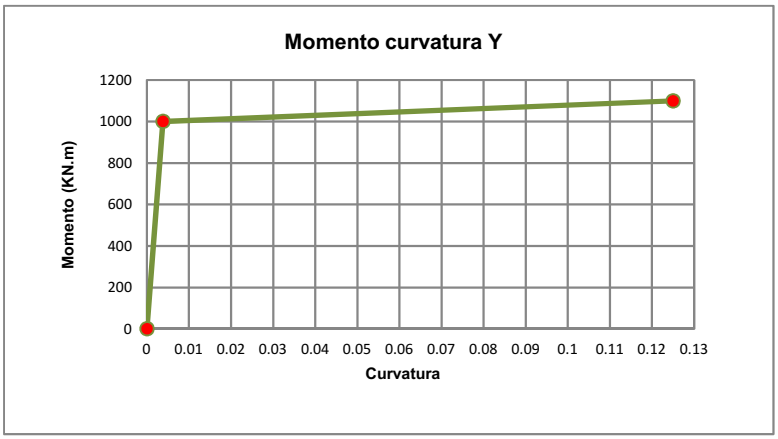
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	650	Øy=	0.00383	ψy=	0.00163
M max (KN.m)=	800	Ømax=	0.0785	ψmax=	0.0333625
Mmax/My=	1.231	Ømax/Øy=	20.50	ψmax/ψy=	20.496



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1000	Øy=	0.00383	ψy=	0.00163
M max (KN.m)=	1100	Ømax=	0.12500	ψmax=	0.053125
Mmax/My=	1.100	Ømax/Øy=	32.64	ψmax/ψy=	32.637



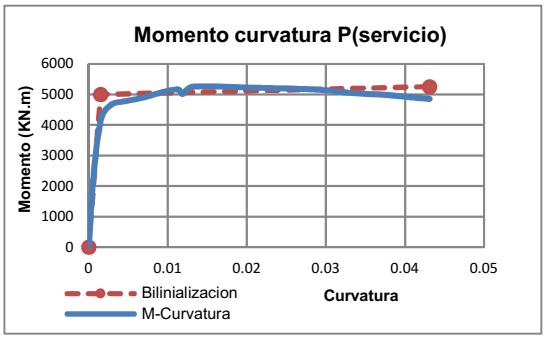
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M10 Y MUR-M10-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M10 Y MUR-M10-2	Piso 1	0.425	Serv Mayorada	1631.76
		0.425	Sismo	2319.05

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	1631.76	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

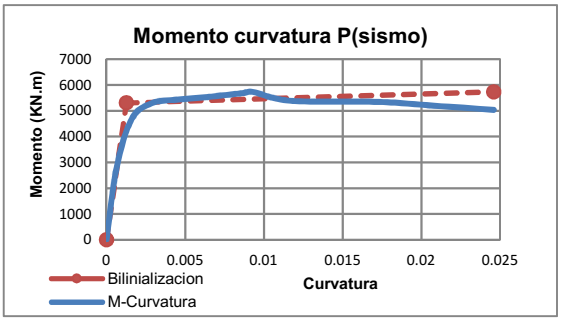


Curva 90°		
Punto	Curvature	Momento
1	0.00000	9.4
2	0.00064	2419.4
3	0.00160	4217.9
4	0.00288	4669.2
5	0.00447	4771.5
6	0.00639	4865.7
7	0.00863	5028.7
8	0.01120	5166.4
9	0.01190	5014.4
10	0.01320	5255.4
11	0.02080	5221.5
12	0.02170	5217.1
13	0.02880	5159.3
14	0.03320	5046.3
15	0.03800	4975.2
16	0.04310	4853.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5000	Øy=	0.001500	ψy=	0.00064
M max (KN.m)=	5255	Ømax=	0.04310	ψmax=	0.0183175
Mmax/My=	1.051	Ømax/Øy=	28.73	ψmax/ψy=	28.733

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	2319.1	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

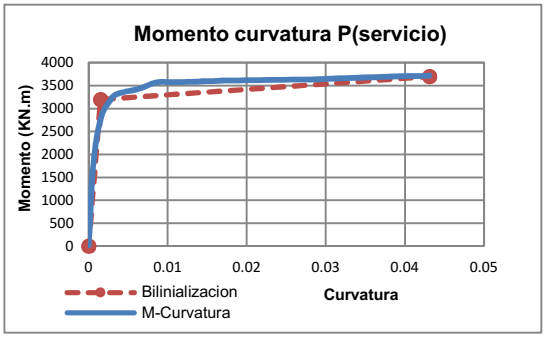


Curva 90°		
Punto	Curvature	Momento
1	0.00000	13.4
2	0.00064	2795.2
3	0.00160	4678.6
4	0.00288	5292.2
5	0.00447	5431.7
6	0.00639	5530.9
7	0.00863	5681.8
8	0.00927	5730.6
9	0.01170	5385.3
10	0.01730	5341.8
11	0.02080	5195.6
12	0.02460	5035.5
13	0.02880	4875.5
14	0.03320	4708.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5300	Øy=	0.001262	ψy=	0.00054
M max (KN.m)=	5731	Ømax=	0.02460	0.0411	0.010455
Mmax/My=	1.081	Ømax/Øy=	19.49	ψmax/ψy=	19.493

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	1631.76	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

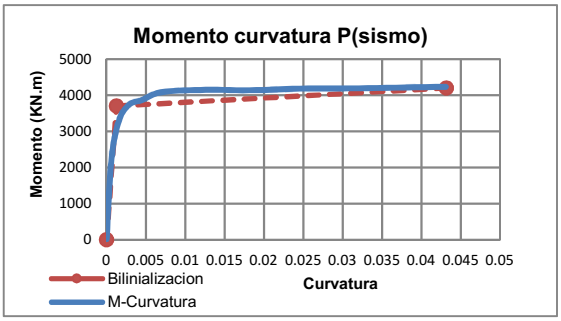


Curva 270°		
Punto	Curvature	Momento
1	0.00000	9.4
2	0.00064	1838.2
3	0.00160	2810.7
4	0.00288	3208.2
5	0.00368	3323.8
6	0.00639	3432.8
7	0.00863	3570.6
8	0.01120	3574.7
9	0.01410	3591.1
10	0.01730	3608.6
11	0.02080	3619.7
12	0.02460	3628.2
13	0.02880	3638.2
14	0.03320	3665.6
15	0.03800	3693.1
16	0.04310	3719.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3200	Øy=	0.001500	ψy=	0.00064
M max (KN.m)=	3700	Ømax=	0.04310	ψmax=	0.0183175
Mmax/My=	1.156	Ømax/Øy=	28.73	ψmax/ψy=	28.733

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	2319.1	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

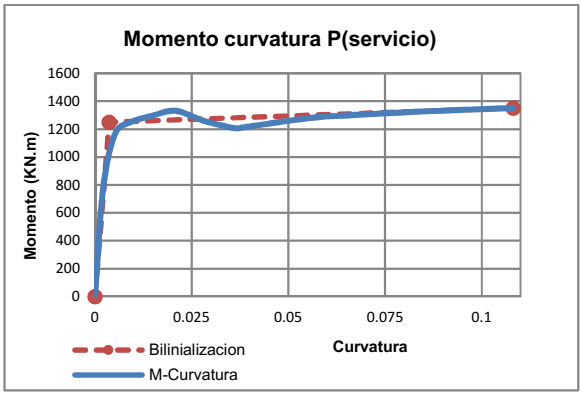


Curva 270°		
Punto	Curvature	Momento
1	0.00000	13.4
2	0.00064	2254.4
3	0.00160	3311.3
4	0.00288	3741.8
5	0.00447	3864.3
6	0.00639	4056.6
7	0.00863	4121.6
8	0.01120	4143.5
9	0.01410	4151.0
10	0.01730	4138.1
11	0.02080	4151.0
12	0.02460	4184.7
13	0.02880	4189.1
14	0.03320	4196.3
15	0.03800	4215.9
16	0.04310	4234.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3700	Øy=	0.001262	ψy=	0.00054
M max (KN.m)=	4200	Ømax=	0.04320	0.0411	0.01836
Mmax/My=	1.135	Ømax/Øy=	34.23	ψmax/ψy=	34.231

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	1631.76	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

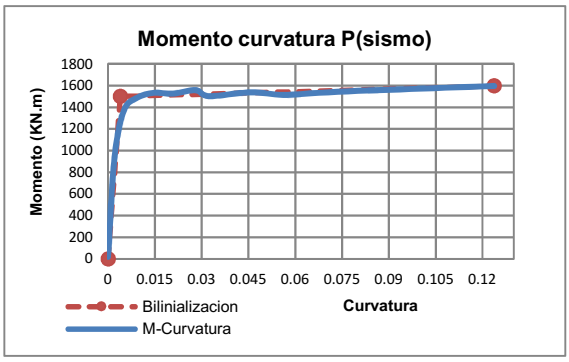


Curva 0°		
Punto	Curvature	Momento
1	0.00000	13.8
2	0.00208	770.6
3	0.00520	1168.8
4	0.00935	1250.9
5	0.01460	1294.3
6	0.02080	1331.2
7	0.02810	1259.3
8	0.03640	1205.9
9	0.03870	1214.1
10	0.05610	1281.1
11	0.06760	1301.3
12	0.08000	1320.6
13	0.09350	1336.2
14	0.10810	1350.8
15	0.12370	1187.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1250	Øy=	0.003677	ψy=	0.00156
M max (KN.m)=	1351	Ømax=	0.1081	ψmax=	0.0459425
Mmax/My=	1.081	Ømax/Øy=	29.40	ψmax/ψy=	29.399

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	2319.1	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

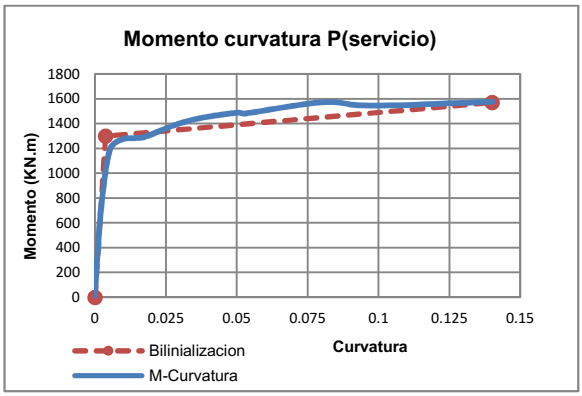


Curva 0°		
Punto	Curvature	Momento
1	0.00000	19.6
2	0.00208	940.4
3	0.00520	1379.7
4	0.00935	1488.5
5	0.01460	1532.8
6	0.02080	1525.8
7	0.02810	1558.1
8	0.03220	1502.6
9	0.04570	1537.8
10	0.05610	1514.2
11	0.06760	1533.6
12	0.08000	1551.3
13	0.09350	1565.1
14	0.10810	1580.5
15	0.12370	1595.5
16	0.14030	1433.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.003935	ψy=	0.00167
M max (KN.m)=	1596	Ømax=	0.1237	ψmax=	0.0525725
Mmax/My=	1.064	Ømax/Øy=	31.44	ψmax/ψy=	31.436

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	1631.76	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

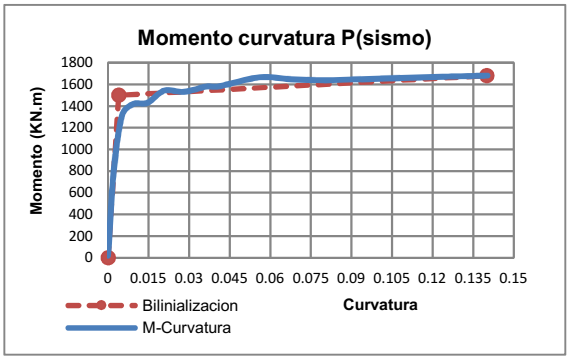


Curva 180°		
Punto	Curvature	Momento
1	0.00000	13.8
2	0.00208	690.8
3	0.00520	1182.8
4	0.00935	1270.5
5	0.01460	1283.2
6	0.01770	1293.6
7	0.02810	1387.3
8	0.03640	1440.2
9	0.04570	1474.9
10	0.05090	1487.7
11	0.05300	1481.5
12	0.08000	1571.5
13	0.09350	1546.3
14	0.10810	1548.1
15	0.12370	1562.3
16	0.14030	1576.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.003677	ψy=	0.00156
M max (KN.m)=	1570	Ømax=	0.14	ψmax=	0.0595
Mmax/My=	1.208	Ømax/Øy=	38.07	ψmax/ψy=	38.075

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M10 Y MUR-M10-2			
Pu (KN)=	2319.1	f`c(KN/m2)=	28000
Lp(m)=	0.425	fy(KN/m2)=	420000

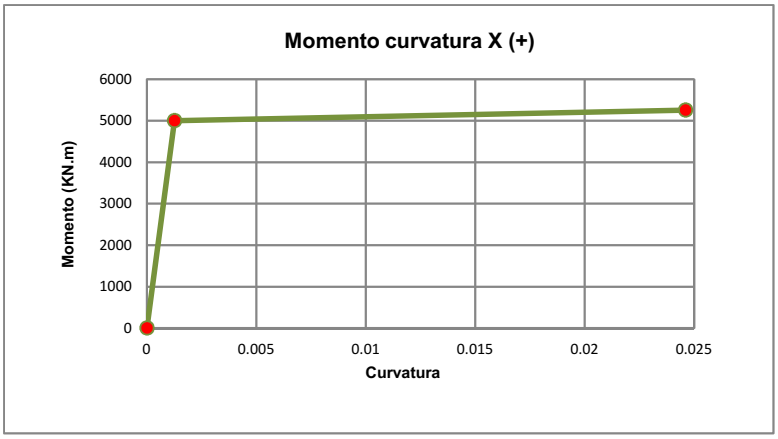


Curva 180°		
Punto	Curvature	Momento
1	0.00000	19.6
2	0.00208	794.9
3	0.00520	1315.6
4	0.00935	1419.1
5	0.01460	1430.0
6	0.02080	1543.1
7	0.02810	1531.2
8	0.03640	1580.5
9	0.04110	1582.2
10	0.05610	1665.9
11	0.06760	1647.5
12	0.08000	1638.7
13	0.09350	1647.8
14	0.10810	1658.3
15	0.12370	1670.3
16	0.14030	1680.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.003935	ψy=	0.00167
M max (KN.m)=	1680	Ømax=	0.14	ψmax=	0.0595
Mmax/My=	1.120	Ømax/Øy=	35.58	ψmax/ψy=	35.578

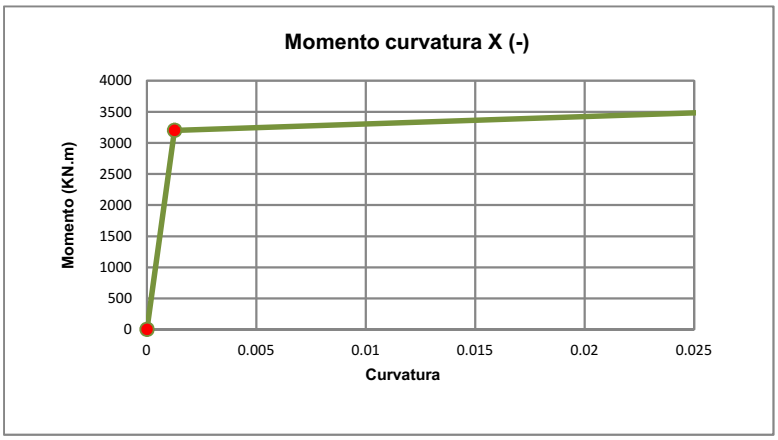
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5000	Øy=	0.00126	ψy=	0.00054
M max (KN.m)=	5255	Ømax=	0.0246	ψmax=	0.010455
Mmax/My=	1.051	Ømax/Øy=	19.49	ψmax/ψy=	19.493



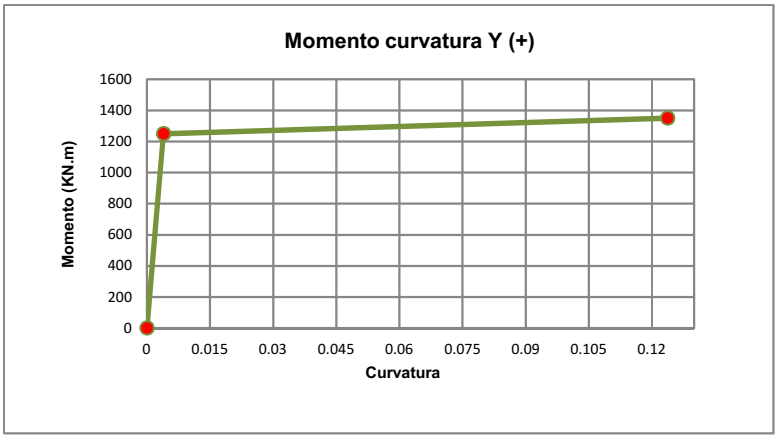
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3200	Øy=	0.00126	ψy=	0.00054
M max (KN.m)=	3700	Ømax=	0.04320	ψmax=	0.01836
Mmax/My=	1.156	Ømax/Øy=	34.23	ψmax/ψy=	34.231



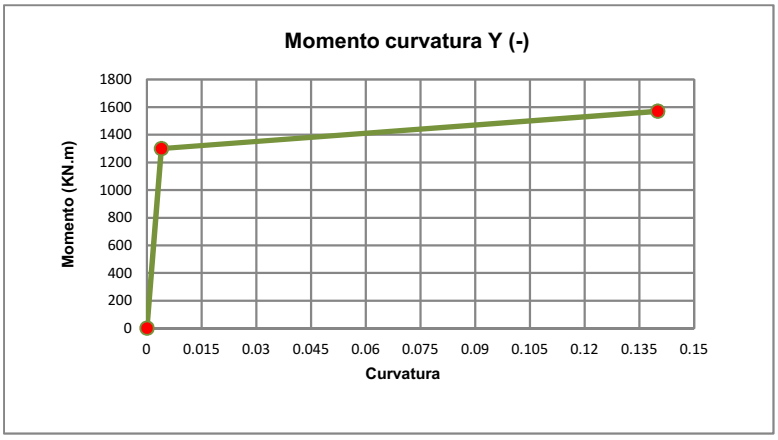
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1250	Øy=	0.00394	ψy=	0.00167
M max (KN.m)=	1351	Ømax=	0.1237	ψmax=	0.0525725
Mmax/My=	1.081	Ømax/Øy=	31.44	ψmax/ψy=	31.436



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1300	Øy=	0.00394	ψy=	0.00167
M max (KN.m)=	1570	Ømax=	0.14000	ψmax=	0.0595
Mmax/My=	1.208	Ømax/Øy=	35.58	ψmax/ψy=	35.578



DIAGRAMAS MOMENTO CURVATURA MURO MUR-M11 Y MUR-M11-2

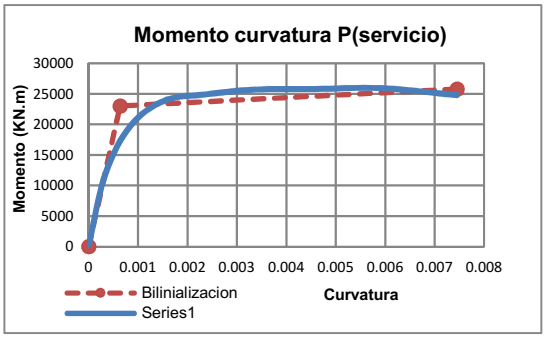
Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M11 Y MUR-M11-2	Piso 1	0.575	Serv Mayorada	5611.01
		0.55	Sismo	7010.67

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	5611.01	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	243.9
2	0.00034	11919.0
3	0.00085	19780.0
4	0.00152	23864.0
5	0.00237	24920.0
6	0.00339	25702.0
7	0.00457	25792.0
8	0.00593	25919.0
9	0.00745	24799.0

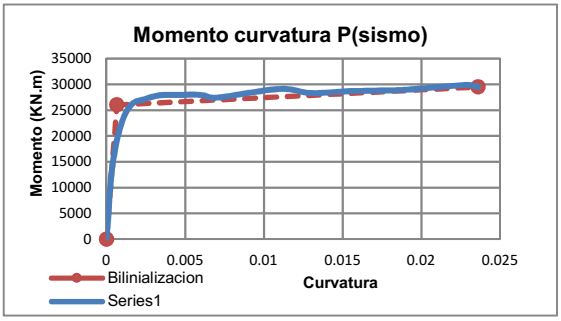


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	23000	**Øy=**	0.000636	**ψy=**	0.00037
M max (KN.m)=	25792	**Ømax=**	0.00745	**ψmax=**	0.00428375
Mmax/My=	1.121	**Ømax/Øy=**	11.71	**ψmax/ψy=**	11.710

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	7010.7	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

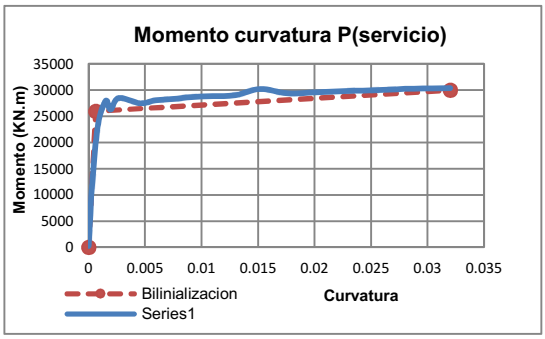
Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	304.8
2	0.00034	13406.0
3	0.00085	21423.0
4	0.00152	25910.0
5	0.00237	27081.0
6	0.00339	27883.0
7	0.00457	27953.0
8	0.00593	27963.0
9	0.00669	27415.0
10	0.00730	27508.0
11	0.01100	29100.0
12	0.01300	28303.0
13	0.01520	28647.0
14	0.01760	28816.0
15	0.01890	28935.0
16	0.02290	29880.0
17	0.02360	29474.0



MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	26000	**Øy=**	0.000656	**ψy=**	0.00038
M max (KN.m)=	29474	**Ømax=**	0.02360	**0.0411**	0.01357
Mmax/My=	1.134	**Ømax/Øy=**	35.96	**ψmax/ψy=**	35.965

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	5611.01	f`c(KN/m2)=	28000
Lp(m)=	0.575	fy(KN/m2)=	420000

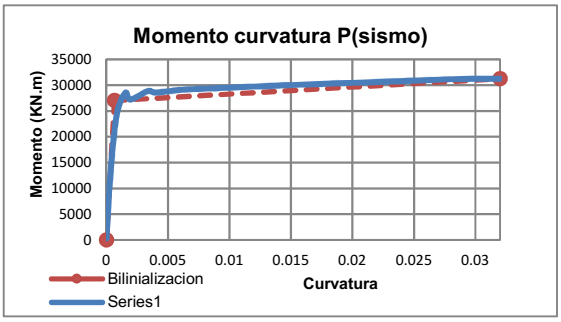


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	26000	Øy=	0.000636	ψy=	0.00037
M max (KN.m)=	30000	Ømax=	0.03200	ψmax=	0.0184
Mmax/My=	1.154	Ømax/Øy=	50.30	ψmax/ψy=	50.299

Curva 270°		
Punto	Curvature	Momento
1	0.00000	243.9
2	0.00034	12570.0
3	0.00085	23507.0
4	0.00152	27959.0
5	0.00195	26264.0
6	0.00267	28487.0
7	0.00457	27484.0
8	0.00593	28058.0
9	0.00745	28277.0
10	0.00914	28688.0
11	0.01100	28867.0
12	0.01300	29022.0
13	0.01520	30222.0
14	0.01760	29385.0
15	0.02020	29584.0
16	0.02290	29812.0
17	0.02570	30038.0
18	0.02880	30281.0
19	0.03200	30388.0

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	7010.7	f`c(KN/m2)=	28000
Lp(m)=	0.575	fy(KN/m2)=	420000

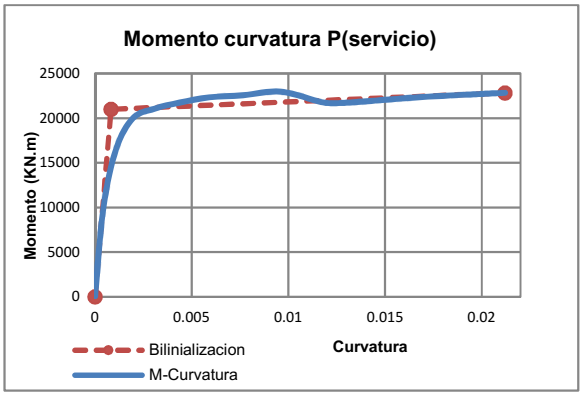


MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	27000	Øy=	0.000656	ψy=	0.00038
M max (KN.m)=	31250	Ømax=	0.03200	0.0411	0.0184
Mmax/My=	1.157	Ømax/Øy=	48.77	ψmax/ψy=	48.766

Curva 270°		
Punto	Curvature	Momento
1	0.00000	304.8
2	0.00034	13593.0
3	0.00085	24464.0
4	0.00152	28499.0
5	0.00195	27199.0
6	0.00339	28876.0
7	0.00398	28564.0
8	0.00593	29058.0
9	0.00745	29260.0
10	0.00914	29419.0
11	0.01100	29615.0
12	0.01300	29821.0
13	0.01520	30031.0
14	0.01760	30259.0
15	0.02020	30466.0
16	0.02290	30689.0
17	0.02570	30946.0
18	0.02880	31192.0
19	0.03200	31246.0

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	5611.01	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

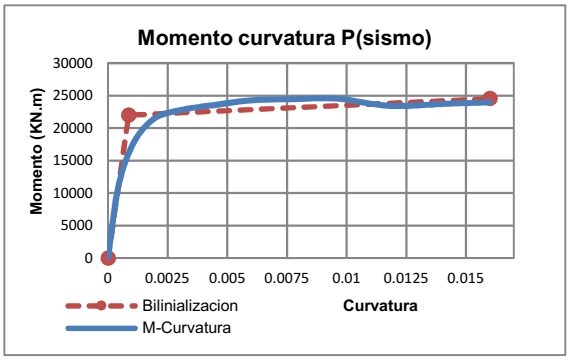


Curva 0°		
Punto	Curvature	Momento
1	0.00000	48.5
2	0.00044	10036.0
3	0.00109	16562.0
4	0.00197	20009.0
5	0.00306	21051.0
6	0.00437	21748.0
7	0.00590	22327.0
8	0.00765	22562.0
9	0.00962	22961.0
10	0.01180	21759.0
11	0.01300	21732.0
12	0.01680	22350.0
13	0.01970	22682.0
14	0.02120	22834.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	21000	Øy=	0.000831	ψy=	0.00046
M max (KN.m)=	22834	Ømax=	0.0212	ψmax=	0.01166
Mmax/My=	1.087	Ømax/Øy=	25.50	ψmax/ψy=	25.502

MOMENTO CURVATURA DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	7010.7	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

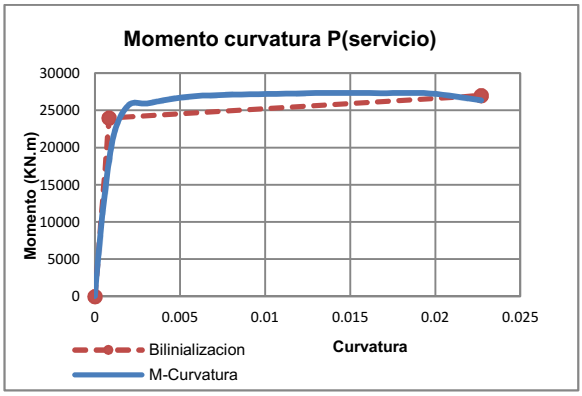


Curva 0°		
Punto	Curvature	Momento
1	0.00000	60.6
2	0.00044	11115.0
3	0.00109	17884.0
4	0.00197	21535.0
5	0.00306	22796.0
6	0.00437	23522.0
7	0.00590	24245.0
8	0.00765	24444.0
9	0.00962	24522.0
10	0.01180	23419.0
11	0.01420	23756.0
12	0.01550	23907.0
13	0.01600	23984.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	22000	Øy=	0.000859	ψy=	0.00047
M max (KN.m)=	24522	Ømax=	0.016	ψmax=	0.0088
Mmax/My=	1.115	Ømax/Øy=	18.62	ψmax/ψy=	18.622

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	5611.01	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

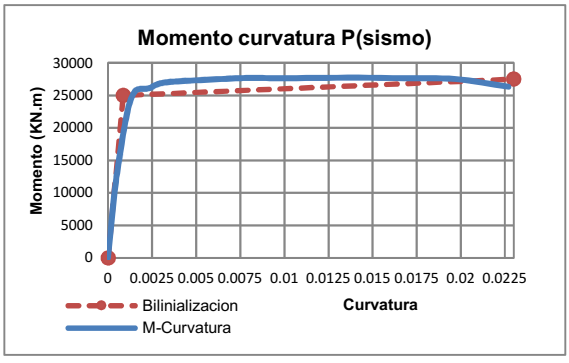


Curva 180°		
Punto	Curvature	Momento
1	0.00000	48.5
2	0.00044	10948.0
3	0.00109	21542.0
4	0.00197	25662.0
5	0.00306	25922.0
6	0.00437	26484.0
7	0.00590	26913.0
8	0.00765	27078.0
9	0.00962	27180.0
10	0.01180	27269.0
11	0.01420	27359.0
12	0.01680	27315.0
13	0.01970	27270.0
14	0.02270	26342.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	24000	Øy=	0.000831	ψy=	0.00046
M max (KN.m)=	27000	Ømax=	0.0227	ψmax=	0.012485
Mmax/My=	1.125	Ømax/Øy=	27.31	ψmax/ψy=	27.307

MOMENTO CURVATURA DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M11 Y MUR-M11-2			
Pu (KN)=	7010.7	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

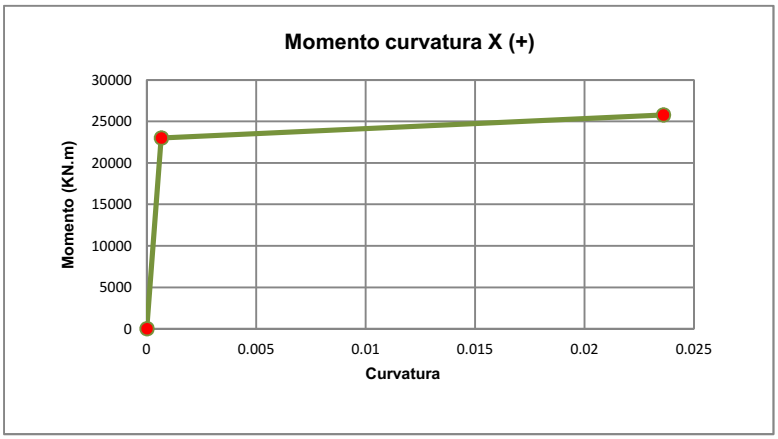


Curva 180°		
Punto	Curvature	Momento
1	0.00000	60.6
2	0.00044	11642.0
3	0.00109	22457.0
4	0.00153	25656.0
5	0.00230	26082.0
6	0.00282	26734.0
7	0.00359	27094.0
8	0.00765	27668.0
9	0.00962	27641.0
10	0.01180	27688.0
11	0.01420	27734.0
12	0.01680	27640.0
13	0.01970	27515.0
14	0.02270	26330.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	25000	Øy=	0.000859	ψy=	0.00047
M max (KN.m)=	27500	Ømax=	0.023	ψmax=	0.01265
Mmax/My=	1.100	Ømax/Øy=	26.77	ψmax/ψy=	26.769

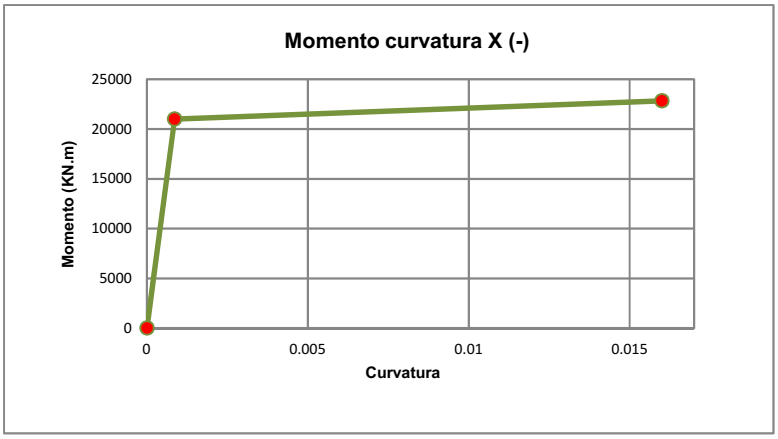
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	23000	Øy=	0.00066	ψy=	0.00038
M max (KN.m)=	25792	Ømax=	0.0236	ψmax=	0.01357
Mmax/My=	1.121	Ømax/Øy=	35.96	ψmax/ψy=	35.965



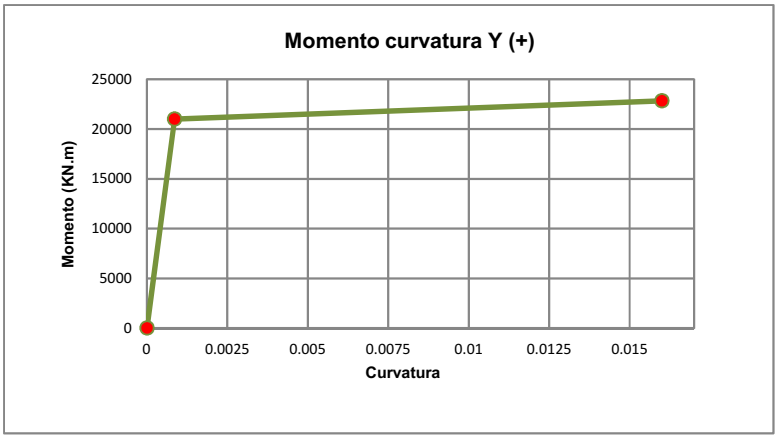
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	21000	Øy=	0.00086	ψy=	0.00049
M max (KN.m)=	22834	Ømax=	0.01600	ψmax=	0.0092
Mmax/My=	1.087	Ømax/Øy=	18.62	ψmax/ψy=	18.622



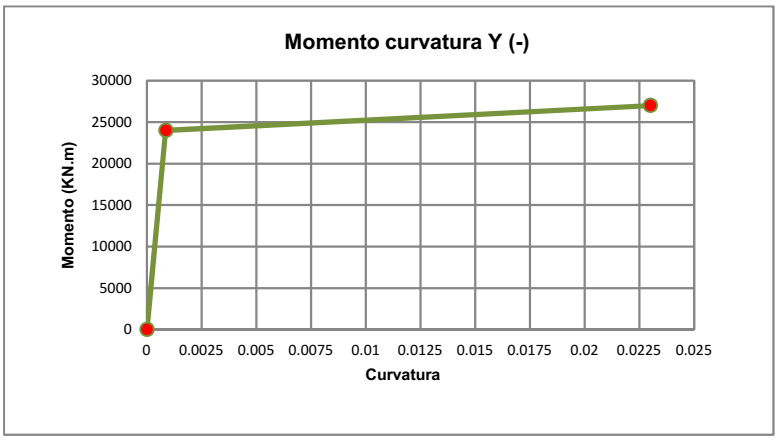
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	21000	Øy=	0.00086	ψy=	0.00047
M max (KN.m)=	22834	Ømax=	0.0160	ψmax=	0.0088
Mmax/My=	1.087	Ømax/Øy=	18.62	ψmax/ψy=	18.622



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	24000	Øy=	0.00086	ψy=	0.00047
M max (KN.m)=	27000	Ømax=	0.02300	ψmax=	0.01265
Mmax/My=	1.125	Ømax/Øy=	26.77	ψmax/ψy=	26.769



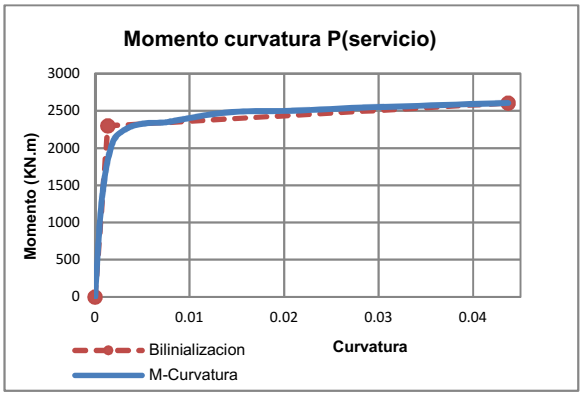
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M12 Y MUR-M12-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp Y (m)	Condicion de carga	P max(KN)
MUR-M12 Y MUR-M12-2	Piso 1	1.2	Serv Mayorada	1234.55
			Sismo	1639.47

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M12 Y MUR-M12-2			
Pu (KN)=	1234.55	f`c(KN/m2)=	28000
Lp(m)=	1.2	fy(KN/m2)=	420000

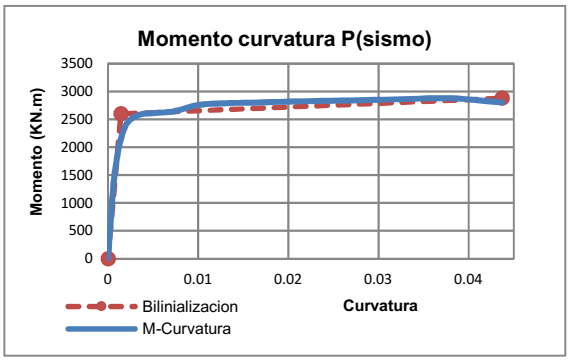


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00073	1332.1
3	0.00184	2066.0
4	0.00330	2258.3
5	0.00514	2329.8
6	0.00734	2344.2
7	0.00862	2372.5
8	0.01280	2462.3
9	0.01610	2495.2
10	0.01980	2499.2
11	0.02380	2518.3
12	0.02830	2545.6
13	0.03300	2562.5
14	0.03820	2584.9
15	0.04370	2606.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2300	Øy=	0.001362	ψy=	0.00163
M max (KN.m)=	2606	Ømax=	0.0437	ψmax=	0.05244
Mmax/My=	1.133	Ømax/Øy=	32.09	ψmax/ψy=	32.085

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M12 Y MUR-M12-2			
Pu (KN)=	1639.5	f`c(KN/m2)=	28000
Lp(m)=	1.2	fy(KN/m2)=	420000

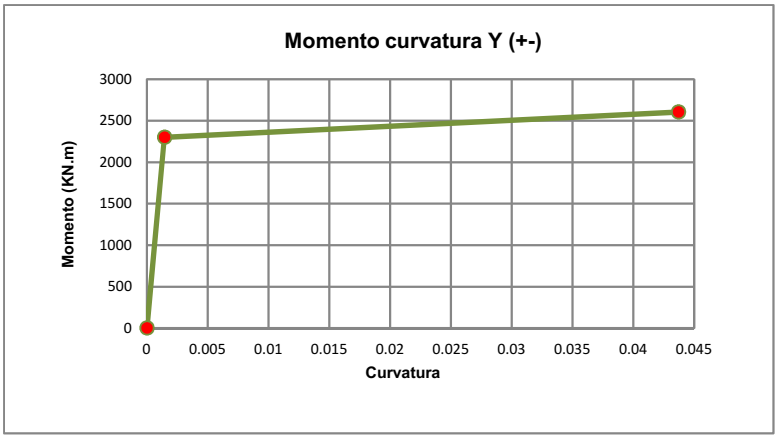


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00073	1532.1
3	0.00184	2351.9
4	0.00330	2572.8
5	0.00514	2613.6
6	0.00734	2645.3
7	0.00991	2757.3
8	0.01280	2789.8
9	0.01610	2802.3
10	0.01980	2818.5
11	0.02380	2833.0
12	0.02830	2845.3
13	0.03300	2865.9
14	0.03820	2879.6
15	0.04370	2803.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2600	Øy=	0.001438	ψy=	0.00173
M max (KN.m)=	2880	Ømax=	0.0437	ψmax=	0.05244
Mmax/My=	1.108	Ømax/Øy=	30.39	ψmax/ψy=	30.389

MOMENTO CURVATURA EN DIRECCION DE "Y(+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2300	Øy=	0.00144	ψy=	0.00173
M max (KN.m)=	2606	Ømax=	0.0437	ψmax=	0.05244
Mmax/My=	1.133	Ømax/Øy=	30.39	ψmax/ψy=	30.389



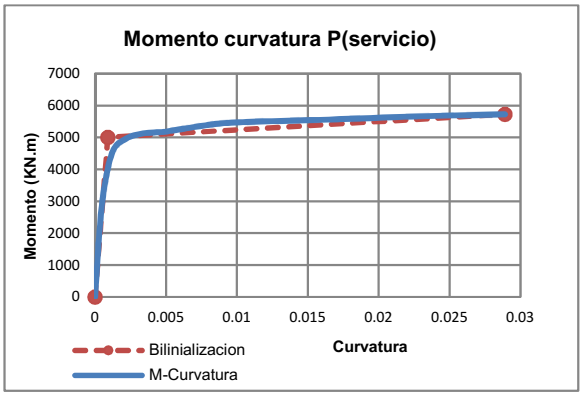
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M13 Y MUR-M13-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M13 Y MUR-M13-2	Piso 1	1.8	Serv Mayorada	1773.11
			Sismo	2659.48

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M13 Y MUR-M13-2			
Pu (KN)=	1773.11	**f`c(KN/m2)=**	28000
Lp(m)=	1.8	**fy(KN/m2)=**	420000

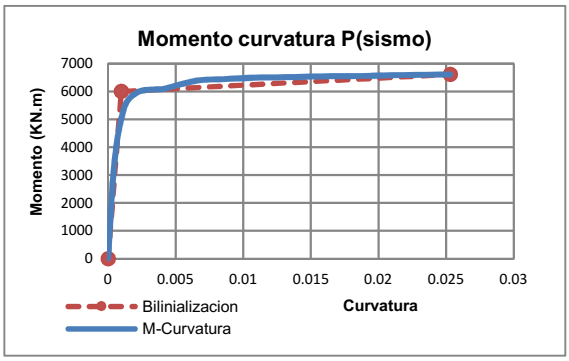


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00049	2888.6
3	0.00121	4531.7
4	0.00219	4965.1
5	0.00340	5128.1
6	0.00486	5174.9
7	0.00571	5235.3
8	0.00850	5424.4
9	0.01070	5487.4
10	0.01310	5519.6
11	0.01580	5551.5
12	0.01870	5596.6
13	0.02190	5651.2
14	0.02530	5690.5
15	0.02890	5727.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	5000	**Øy=**	0.000900	**ψy=**	0.00162
M max (KN.m)=	5728	**Ømax=**	0.0289	**ψmax=**	0.05202
Mmax/My=	1.146	**Ømax/Øy=**	32.11	**ψmax/ψy=**	32.108

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M13 Y MUR-M13-2			
Pu (KN)=	2659.5	**f`c(KN/m2)=**	28000
Lp(m)=	1.8	**fy(KN/m2)=**	420000

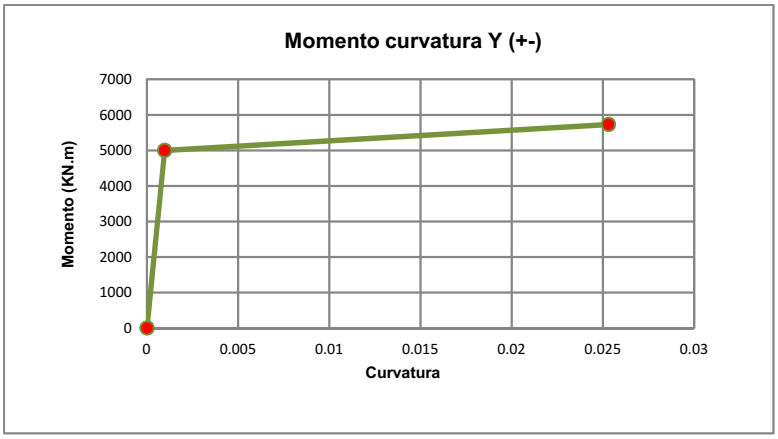


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00049	3531.1
3	0.00121	5438.6
4	0.00219	5975.7
5	0.00340	6076.7
6	0.00413	6101.0
7	0.00656	6392.6
8	0.00850	6444.7
9	0.01070	6497.6
10	0.01310	6515.2
11	0.01580	6546.5
12	0.01870	6558.5
13	0.02190	6594.5
14	0.02530	6614.9
15	0.02890	5226.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	6000	**Øy=**	0.000973	**ψy=**	0.00175
M max (KN.m)=	6615	**Ømax=**	0.0253	**ψmax=**	0.04554
Mmax/My=	1.102	**Ømax/Øy=**	26.01	**ψmax/ψy=**	26.010

MOMENTO CURVATURA EN DIRECCION DE "Y (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5000	Øy=	0.00097	ψy=	0.00175
M max (KN.m)=	5728	Ømax=	0.0253	ψmax=	0.04554
Mmax/My=	1.146	Ømax/Øy=	26.01	ψmax/ψy=	26.010



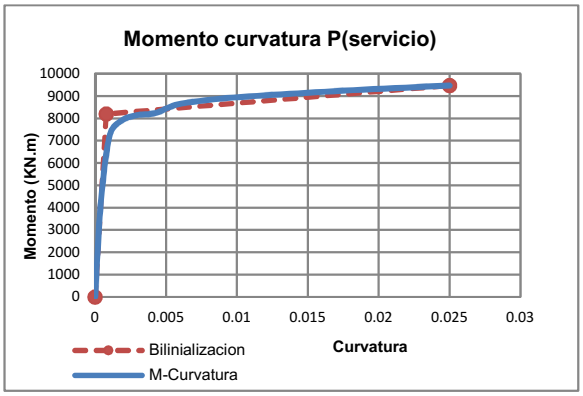
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M14 Y MUR-M14-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp Y (m)	Condicion de carga	P max(KN)
MUR-M14 Y MUR-M14-2	Piso 1	2.075	Serv Mayorada	2063.51
			Sismo	3223.56

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M14 Y MUR-M14-2			
Pu (KN)=	2063.51	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

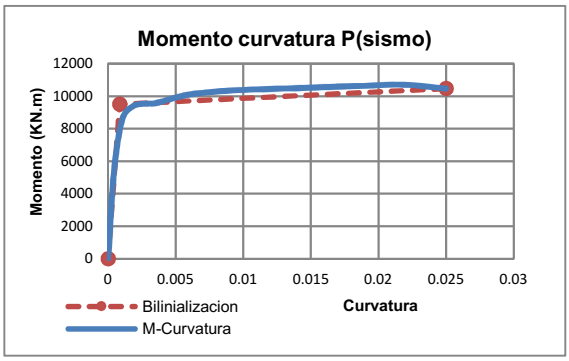


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00042	4321.0
3	0.00105	7281.6
4	0.00189	7909.1
5	0.00295	8142.0
6	0.00421	8228.6
7	0.00568	8598.7
8	0.00736	8776.4
9	0.00926	8908.2
10	0.01140	9006.8
11	0.01370	9096.1
12	0.01620	9193.0
13	0.01890	9285.8
14	0.02190	9375.8
15	0.02500	9470.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8200	Øy=	0.000792	ψy=	0.00164
M max (KN.m)=	9470	Ømax=	0.025	ψmax=	0.051875
Mmax/My=	1.155	Ømax/Øy=	31.59	ψmax/ψy=	31.586

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M14 Y MUR-M14-2			
Pu (KN)=	3223.6	f`c(KN/m2)=	28000
Lp(m)=	2.075	fy(KN/m2)=	420000

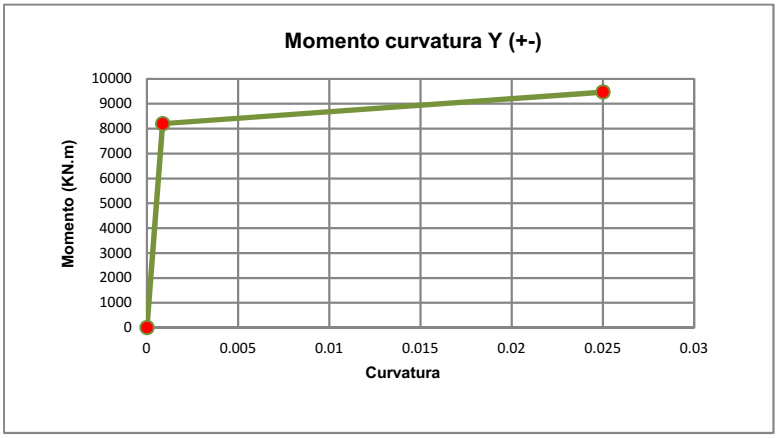


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00042	5224.0
3	0.00105	8593.1
4	0.00189	9407.0
5	0.00295	9544.5
6	0.00358	9580.7
7	0.00568	10056.0
8	0.00736	10238.0
9	0.00926	10356.0
10	0.01140	10435.0
11	0.01370	10494.0
12	0.01620	10567.0
13	0.01890	10635.0
14	0.02190	10709.0
15	0.02500	10467.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	9500	Øy=	0.000860	ψy=	0.00178
M max (KN.m)=	10467	Ømax=	0.025	ψmax=	0.051875
Mmax/My=	1.102	Ømax/Øy=	29.06	ψmax/ψy=	29.063

MOMENTO CURVATURA EN DIRECCION DE "Y (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8200	Øy=	0.00086	ψy=	0.00178
M max (KN.m)=	9470	Ømax=	0.0250	ψmax=	0.051875
Mmax/My=	1.155	Ømax/Øy=	29.06	ψmax/ψy=	29.063



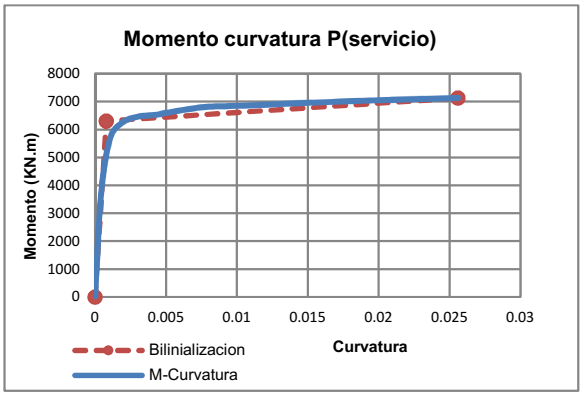
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M15 Y MUR-M15-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M15 Y MUR-M15-2	Piso 1	2.03	Serv Mayorada	2082.71
			Sismo	2888.82

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M15 Y MUR-M15-2			
Pu (KN)=	2082.71	**f`c(KN/m2)=**	28000
Lp(m)=	2.03	**fy(KN/m2)=**	420000

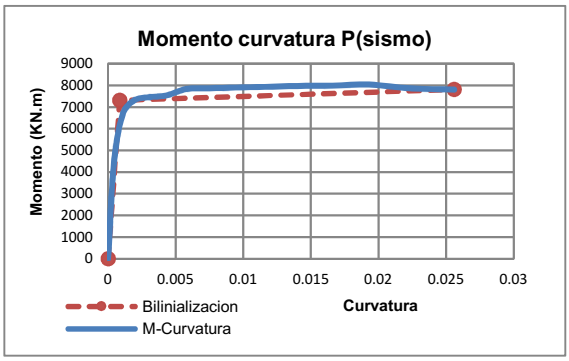


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00043	3710.7
3	0.00108	5704.3
4	0.00193	6255.4
5	0.00301	6461.1
6	0.00430	6526.5
7	0.00505	6599.5
8	0.00752	6795.4
9	0.00946	6840.0
10	0.01160	6877.4
11	0.01400	6937.2
12	0.01660	6986.6
13	0.01930	7038.5
14	0.02240	7086.5
15	0.02560	7128.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	6300	**Øy=**	0.000798	**ψy=**	0.00162
M max (KN.m)=	7128	**Ømax=**	0.0256	**ψmax=**	0.051968
Mmax/My=	1.131	**Ømax/Øy=**	32.09	**ψmax/ψy=**	32.088

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M15 Y MUR-M15-2			
Pu (KN)=	2888.8	**f`c(KN/m2)=**	28000
Lp(m)=	2.03	**fy(KN/m2)=**	420000

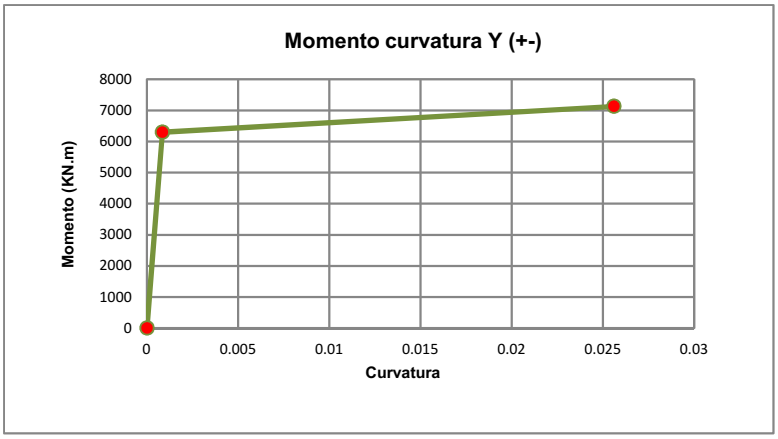


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00043	4384.5
3	0.00108	6660.4
4	0.00193	7307.2
5	0.00301	7456.1
6	0.00430	7534.4
7	0.00580	7834.0
8	0.00752	7865.3
9	0.00946	7902.6
10	0.01160	7930.7
11	0.01400	7973.3
12	0.01660	7992.2
13	0.01930	8037.7
14	0.02240	7864.6
15	0.02560	7808.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	7300	**Øy=**	0.000850	**ψy=**	0.00173
M max (KN.m)=	7808	**Ømax=**	0.0256	**ψmax=**	0.051968
Mmax/My=	1.070	**Ømax/Øy=**	30.12	**ψmax/ψy=**	30.118

MOMENTO CURVATURA EN DIRECCION DE "Y (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	6300	Øy=	0.00085	ψy=	0.00173
M max (KN.m)=	7128	Ømax=	0.0256	ψmax=	0.051968
Mmax/My=	1.131	Ømax/Øy=	30.12	ψmax/ψy=	30.118



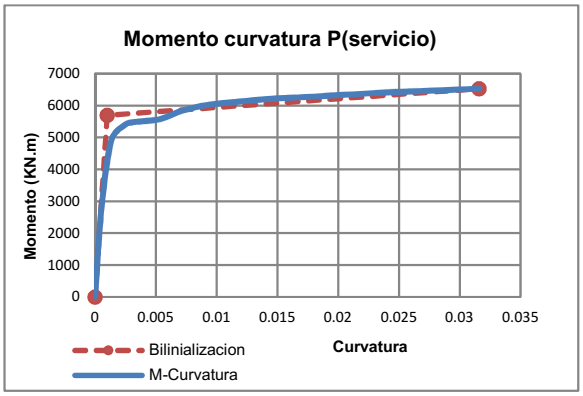
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M16 Y MUR-M16-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M16 Y MUR-M16-2	Piso 1	1.625	Serv Mayorada	1610.41
			Sismo	2573.99

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M16 Y MUR-M16-2			
Pu (KN)=	1610.41	**f`c(KN/m2)=**	28000
Lp(m)=	1.625	**fy(KN/m2)=**	420000

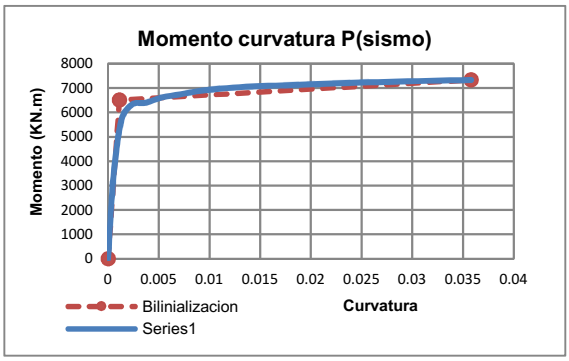


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00053	2794.7
3	0.00133	4903.6
4	0.00239	5377.5
5	0.00305	5475.2
6	0.00531	5572.7
7	0.00717	5841.8
8	0.00929	6024.6
9	0.01170	6119.2
10	0.01430	6211.9
11	0.01730	6267.9
12	0.02040	6335.8
13	0.02390	6410.7
14	0.02760	6466.7
15	0.03160	6529.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	5700	**Øy=**	0.001011	**ψy=**	0.00164
M max (KN.m)=	6529	**Ømax=**	0.0316	**ψmax=**	0.05135
Mmax/My=	1.145	**Ømax/Øy=**	31.26	**ψmax/ψy=**	31.256

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M16 Y MUR-M16-2			
Pu (KN)=	2574.0	**f`c(KN/m2)=**	28000
Lp(m)=	1.625	**fy(KN/m2)=**	420000

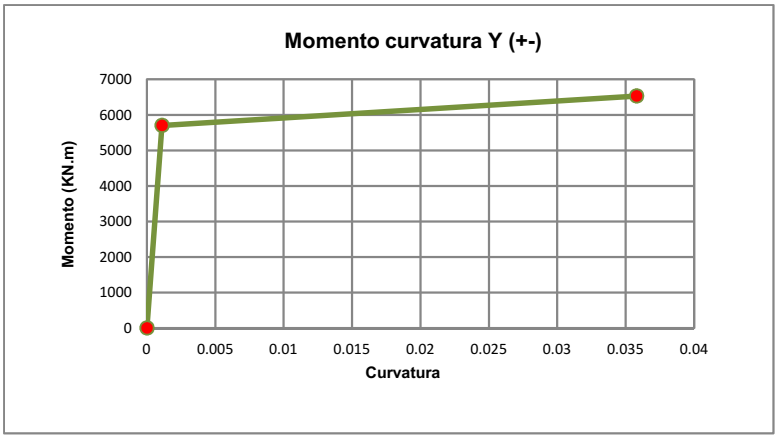


Curva 0°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00053	3361.7
3	0.00133	5703.9
4	0.00239	6333.2
5	0.00372	6399.5
6	0.00531	6615.6
7	0.00717	6746.7
8	0.00929	6898.5
9	0.01170	6995.9
10	0.01430	7074.2
11	0.01730	7114.4
12	0.02040	7163.8
13	0.02390	7216.9
14	0.02760	7254.1
15	0.03160	7298.6
16	0.03580	7331.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	6500	**Øy=**	0.001100	**ψy=**	0.00179
M max (KN.m)=	7332	**Ømax=**	0.0358	**ψmax=**	0.058175
Mmax/My=	1.128	**Ømax/Øy=**	32.55	**ψmax/ψy=**	32.545

MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	5700	Øy=	0.00110	ψy=	0.00179
M max (KN.m)=	6529	Ømax=	0.0358	ψmax=	0.058175
Mmax/My=	1.145	Ømax/Øy=	32.55	ψmax/ψy=	32.545



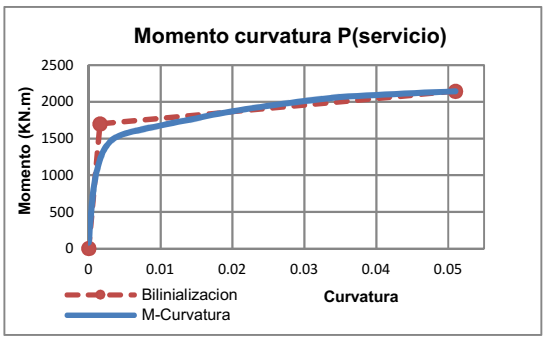
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M17 Y MUR-M17-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M17 Y MUR-M17-2	Piso 1	0.775	Serv Mayorada	3696.8846
		2.5955	Sismo	4384.14

MOMENTO CURVATURA EN DIRECCION DE "X (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	3696.9	**f`c(KN/m2)=**	28000
Lp(m)=	0.775	**fy(KN/m2)=**	420000

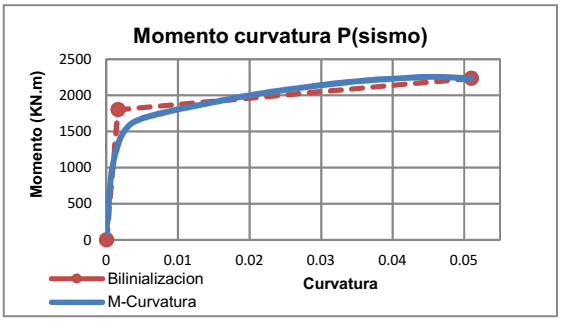


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	81.0
2	0.00067	812.4
3	0.00168	1243.4
4	0.00302	1461.6
5	0.00470	1554.1
6	0.00671	1607.8
7	0.00906	1658.9
8	0.01170	1712.3
9	0.01480	1772.0
10	0.01810	1838.4
11	0.02180	1900.1
12	0.02580	1957.0
13	0.03020	2012.7
14	0.03490	2064.4
15	0.03990	2092.4
16	0.04530	2118.7
17	0.05100	2144.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	1700	**Øy=**	0.001582	**ψy=**	0.00123
M max (KN.m)=	2144	**Ømax=**	0.05100	**ψmax=**	0.039525
Mmax/My=	1.261	**Ømax/Øy=**	32.24	**ψmax/ψy=**	32.238

MOMENTO CURVATURA DIRECCION DE "X (+)" CON CARGA MAXIMA DE SISMO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	4384.1	**f`c(KN/m2)=**	28000
Lp(m)=	0.775	**fy(KN/m2)=**	420000

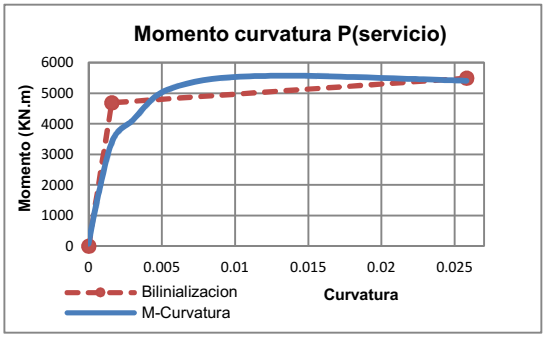


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	96.0
2	0.00067	906.1
3	0.00168	1343.7
4	0.00302	1569.2
5	0.00470	1669.9
6	0.00671	1729.7
7	0.00906	1784.6
8	0.01170	1839.3
9	0.01480	1900.6
10	0.01810	1968.0
11	0.02180	2030.0
12	0.02580	2086.8
13	0.03020	2141.9
14	0.03490	2194.1
15	0.03990	2229.4
16	0.04530	2255.3
17	0.05100	2234.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	1800	**Øy=**	0.001608	**ψy=**	0.00125
M max (KN.m)=	2235	**Ømax=**	0.05100	**ψmax=**	0.039525
Mmax/My=	1.242	**Ømax/Øy=**	31.72	**ψmax/ψy=**	31.716

MOMENTO CURVATURA EN DIRECCION DE "X (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	3696.9	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

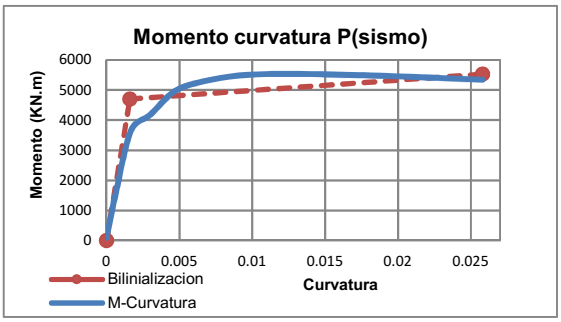


Curva 270°		
Punto	Curvature	Momento
1	0.00000	81.1
2	0.00067	1678.9
3	0.00168	3492.1
4	0.00302	4118.2
5	0.00470	4940.8
6	0.00671	5311.9
7	0.00906	5500.5
8	0.01170	5565.6
9	0.01480	5571.8
10	0.01810	5531.2
11	0.02180	5474.9
12	0.02580	5408.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4700	Øy=	0.001582	ψy=	0.00123
M max (KN.m)=	5500	Ømax=	0.02580	ψmax=	0.019995
Mmax/My=	1.170	Ømax/Øy=	16.31	ψmax/ψy=	16.308

MOMENTO CURVATURA DIRECCION DE "X (-)" CON CARGA MAXIMA DE SISMO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	4384.1	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

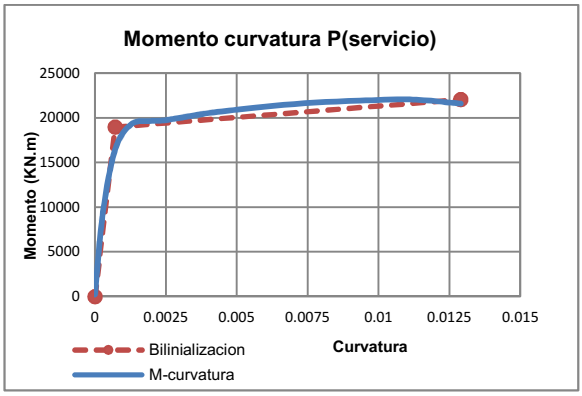


Curva 270°		
Punto	Curvature	Momento
1	0.00000	96.0
2	0.00067	1656.9
3	0.00168	3652.1
4	0.00302	4185.3
5	0.00470	4967.9
6	0.00671	5292.3
7	0.00906	5479.4
8	0.01170	5535.2
9	0.01480	5524.0
10	0.01810	5484.1
11	0.02180	5419.9
12	0.02580	5340.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4700	Øy=	0.001608	ψy=	0.00125
M max (KN.m)=	5525	Ømax=	0.02580	ψmax=	0.019995
Mmax/My=	1.176	Ømax/Øy=	16.04	ψmax/ψy=	16.045

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SERVICIO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	3696.9	f`c(KN/m2)=	28000
Lp(m)=	2.5955	fy(KN/m2)=	420000

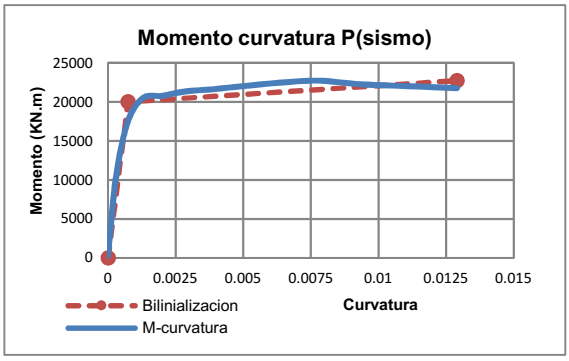


Curva 0°		
Punto	Curvature	Momento
1	0.00000	211.2
2	0.00029	9477.5
3	0.00072	16485.0
4	0.00129	19292.0
5	0.00201	19650.0
6	0.00244	19710.0
7	0.00388	20468.0
8	0.00503	20919.0
9	0.00632	21357.0
10	0.00776	21704.0
11	0.00934	21915.0
12	0.01110	22058.0
13	0.01290	21590.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	19000	Øy=	0.000712	ψy=	0.00185
M max (KN.m)=	22058	Ømax=	0.0129	ψmax=	0.03348195
Mmax/My=	1.161	Ømax/Øy=	18.11	ψmax/ψy=	18.110

MOMENTO CURVATURA EN DIRECCION DE "Y (+)" CON CARGA MAXIMA DE SISMO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	4384.1	f`c(KN/m2)=	28000
Lp(m)=	2.5955	fy(KN/m2)=	420000

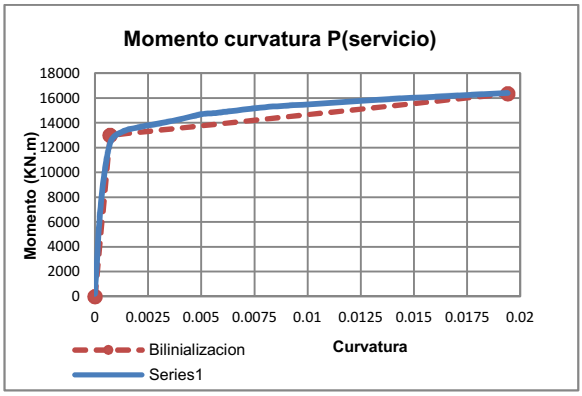


Curva 0°		
Punto	Curvature	Momento
1	0.00000	250.4
2	0.00029	10222.0
3	0.00072	17341.0
4	0.00129	20492.0
5	0.00201	20780.0
6	0.00287	21363.0
7	0.00388	21623.0
8	0.00503	22039.0
9	0.00632	22450.0
10	0.00776	22729.0
11	0.00934	22260.0
12	0.01110	22018.0
13	0.01290	21776.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	20000	Øy=	0.000735	ψy=	0.00191
M max (KN.m)=	22729	Ømax=	0.0129	ψmax=	0.03348195
Mmax/My=	1.136	Ømax/Øy=	17.54	ψmax/ψy=	17.544

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SERVICIO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	3696.9	f`c(KN/m2)=	28000
Lp(m)=	2.5955	fy(KN/m2)=	420000

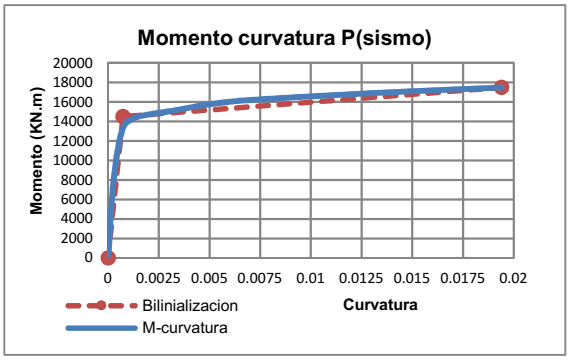


Curva 180°		
Punto	Curvature	Momento
1	0.00000	211.2
2	0.00029	7580.7
3	0.00072	12373.0
4	0.00129	13273.0
5	0.00201	13624.0
6	0.00287	13899.0
7	0.00388	14240.0
8	0.00503	14693.0
9	0.00568	14784.0
10	0.00776	15217.0
11	0.00934	15414.0
12	0.01110	15602.0
13	0.01290	15808.0
14	0.01490	16005.0
15	0.01710	16199.0
16	0.01940	16391.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	13000	Øy=	0.000712	ψy=	0.00185
M max (KN.m)=	16350	Ømax=	0.0194	ψmax=	0.0503527
Mmax/My=	1.258	Ømax/Øy=	27.24	ψmax/ψy=	27.236

MOMENTO CURVATURA EN DIRECCION DE "Y (-)" CON CARGA MAXIMA DE SISMO

MUR-M17 Y MUR-M17-2			
Pu (KN)=	4384.1	f`c(KN/m2)=	28000
Lp(m)=	2.5955	fy(KN/m2)=	420000

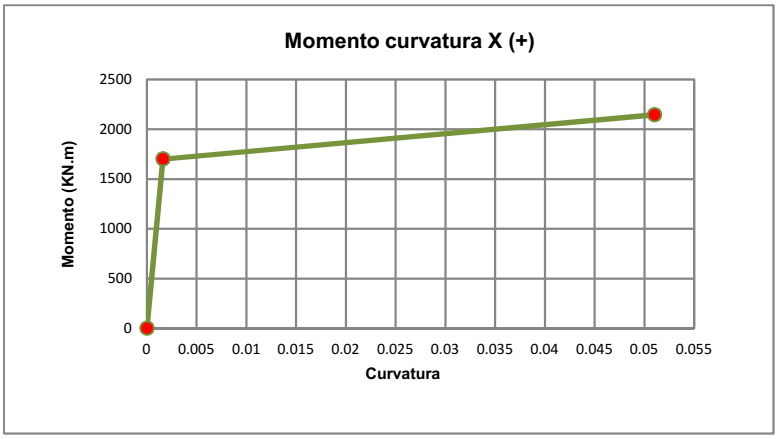


Curva 0°		
Punto	Curvature	Momento
1	0.00000	250.5
2	0.00029	8227.6
3	0.00072	13270.0
4	0.00129	14334.0
5	0.00201	14709.0
6	0.00287	14985.0
7	0.00388	15369.0
8	0.00503	15760.0
9	0.00632	16084.0
10	0.00776	16296.0
11	0.00934	16494.0
12	0.01110	16687.0
13	0.01290	16887.0
14	0.01490	17086.0
15	0.01710	17284.0
16	0.01940	17473.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	14500	Øy=	0.000735	ψy=	0.00191
M max (KN.m)=	17473	Ømax=	0.0194	ψmax=	0.0503527
Mmax/My=	1.205	Ømax/Øy=	26.38	ψmax/ψy=	26.384

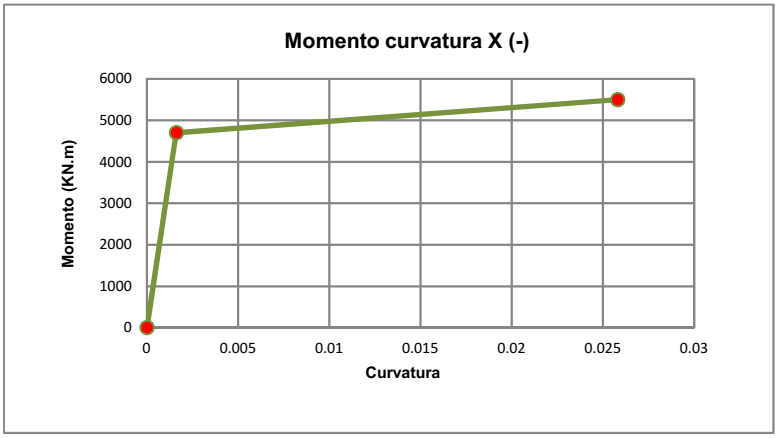
MOMENTO CURVATURA EN DIRECCION DE "X (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1700	Øy=	0.00161	ψy=	0.00125
M max (KN.m)=	2144	Ømax=	0.0510	ψmax=	0.039525
Mmax/My=	1.261	Ømax/Øy=	31.72	ψmax/ψy=	31.716



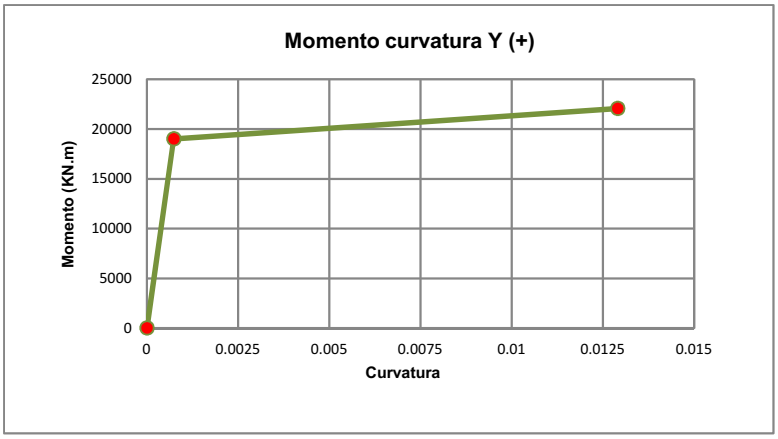
MOMENTO CURVATURA EN DIRECCION DE "X (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4700	Øy=	0.00161	ψy=	0.00125
M max (KN.m)=	5500	Ømax=	0.02580	ψmax=	0.019995
Mmax/My=	1.170	Ømax/Øy=	16.04	ψmax/ψy=	16.045



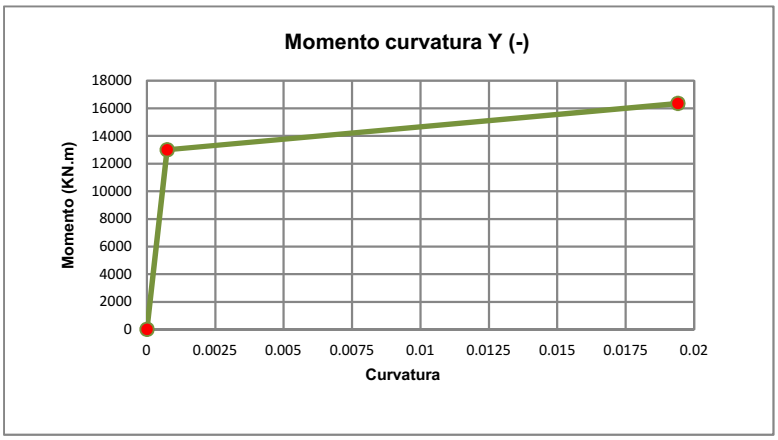
MOMENTO CURVATURA EN DIRECCION DE "Y (+)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	19000	Øy=	0.00074	ψy=	0.00191
M max (KN.m)=	22058	Ømax=	0.0129	ψmax=	0.03348195
Mmax/My=	1.161	Ømax/Øy=	17.54	ψmax/ψy=	17.544



MOMENTO CURVATURA EN DIRECCION DE "Y (-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	13000	Øy=	0.00074	ψy=	0.00191
M max (KN.m)=	16350	Ømax=	0.01940	ψmax=	0.0503527
Mmax/My=	1.258	Ømax/Øy=	26.38	ψmax/ψy=	26.384



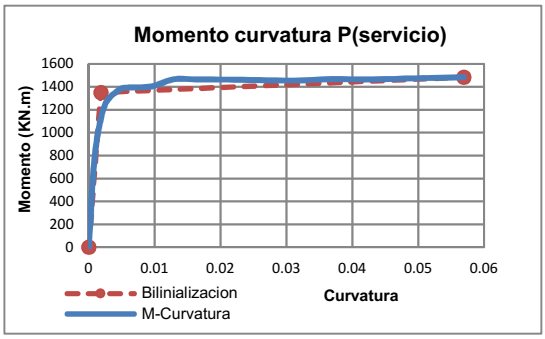
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M18 Y MUR-M18-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X (m)	Condicion de carga	P max(KN)
MUR-M18 Y MUR-M18-2	Piso 1	0.925	Serv Mayorada	1120.712
			Sismo	1582.97

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M18 Y MUR-M18-2			
Pu (KN)=	1120.7	f`c(KN/m2)=	28000
Lp(m)=	0.925	fy(KN/m2)=	420000

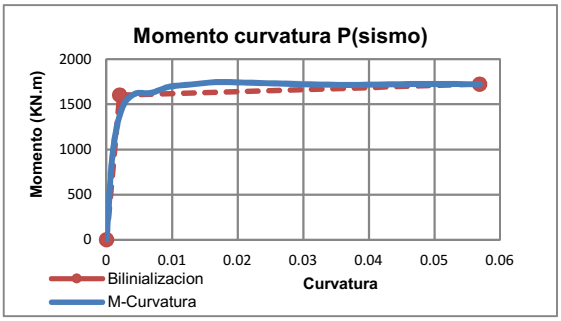


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00096	813.1
3	0.00239	1230.8
4	0.00431	1361.1
5	0.00550	1391.3
6	0.00957	1403.4
7	0.01290	1465.7
8	0.01670	1463.4
9	0.02100	1462.9
10	0.02580	1458.2
11	0.03110	1454.4
12	0.03680	1466.3
13	0.04310	1464.5
14	0.04970	1474.2
15	0.05690	1483.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1350	Øy=	0.001837	ψy=	0.00170
M max (KN.m)=	1483	Ømax=	0.05690	ψmax=	0.0526325
Mmax/My=	1.099	Ømax/Øy=	30.97	ψmax/ψy=	30.974

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M18 Y MUR-M18-2			
Pu (KN)=	1583.0	f`c(KN/m2)=	28000
Lp(m)=	0.925	fy(KN/m2)=	420000

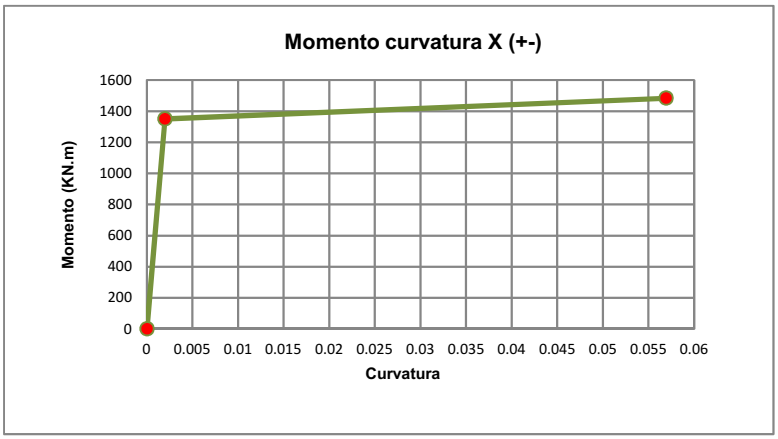


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00096	971.4
3	0.00239	1459.2
4	0.00431	1615.3
5	0.00670	1624.4
6	0.00957	1694.1
7	0.01290	1719.3
8	0.01670	1745.3
9	0.02100	1740.4
10	0.02580	1730.6
11	0.03110	1721.1
12	0.03680	1714.6
13	0.04310	1720.8
14	0.04970	1725.6
15	0.05690	1722.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1600	Øy=	0.001983	ψy=	0.00183
M max (KN.m)=	1722	Ømax=	0.05690	ψmax=	0.0526325
Mmax/My=	1.076	Ømax/Øy=	28.69	ψmax/ψy=	28.694

MOMENTO CURVATURA EN DIRECCION DE "X (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1350	Øy=	0.00198	ψy=	0.00183
M max (KN.m)=	1483	Ømax=	0.0569	ψmax=	0.0526325
Mmax/My=	1.099	Ømax/Øy=	28.69	ψmax/ψy=	28.694



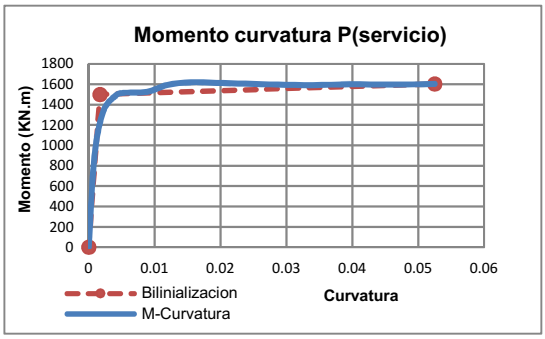
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M19 Y MUR-M19-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X (m)	Condicion de carga	P max(KN)
MUR-M19 Y MUR-M19-2	Piso 1	1	Serv Mayorada	1166.49
			Sismo	1568.43

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M19 Y MUR-M19-2			
Pu (KN)=	1166.5	f`c(KN/m2)=	28000
Lp(m)=	1	fy(KN/m2)=	420000

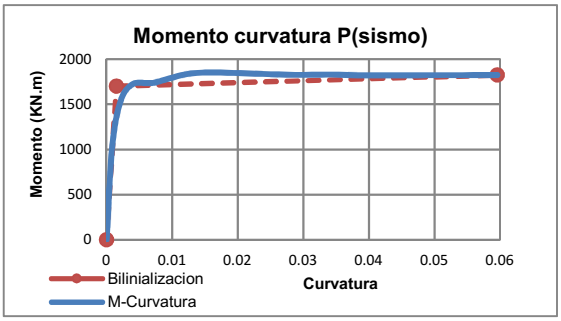


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00088	895.5
3	0.00221	1333.4
4	0.00397	1481.5
5	0.00508	1514.3
6	0.00883	1525.1
7	0.01190	1592.6
8	0.01550	1620.1
9	0.01940	1613.8
10	0.02380	1605.4
11	0.02870	1597.0
12	0.03400	1591.5
13	0.03970	1599.7
14	0.04590	1596.6
15	0.05250	1602.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.001693	ψy=	0.00169
M max (KN.m)=	1603	Ømax=	0.05250	ψmax=	0.0525
Mmax/My=	1.068	Ømax/Øy=	31.01	ψmax/ψy=	31.010

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M19 Y MUR-M19-2			
Pu (KN)=	1568.4	f`c(KN/m2)=	28000
Lp(m)=	1	fy(KN/m2)=	420000

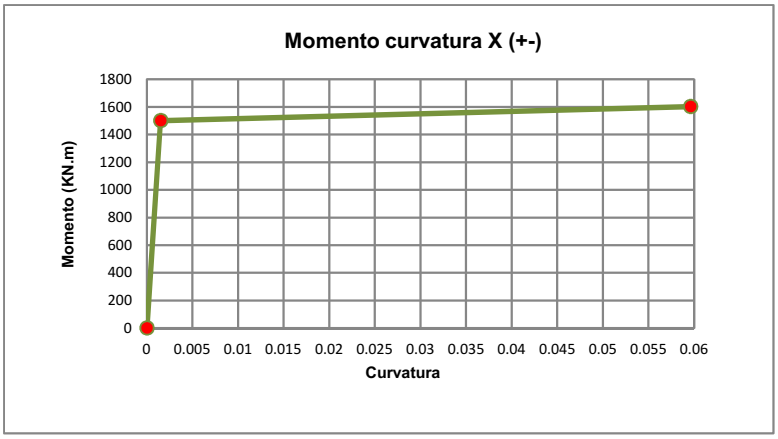


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00088	1047.7
3	0.00221	1551.0
4	0.00397	1723.4
5	0.00618	1734.9
6	0.00751	1742.8
7	0.01190	1830.2
8	0.01550	1852.8
9	0.01940	1846.7
10	0.02380	1836.0
11	0.02870	1825.6
12	0.03400	1828.9
13	0.03970	1819.6
14	0.04590	1821.4
15	0.05250	1822.3
16	0.05960	1823.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1700	Øy=	0.001500	ψy=	0.00150
M max (KN.m)=	1824	Ømax=	0.05960	ψmax=	0.0596
Mmax/My=	1.073	Ømax/Øy=	39.73	ψmax/ψy=	39.733

MOMENTO CURVATURA EN DIRECCION DE "X (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.00150	ψy=	0.00150
M max (KN.m)=	1603	Ømax=	0.0596	ψmax=	0.0596
Mmax/My=	1.068	Ømax/Øy=	39.73	ψmax/ψy=	39.733



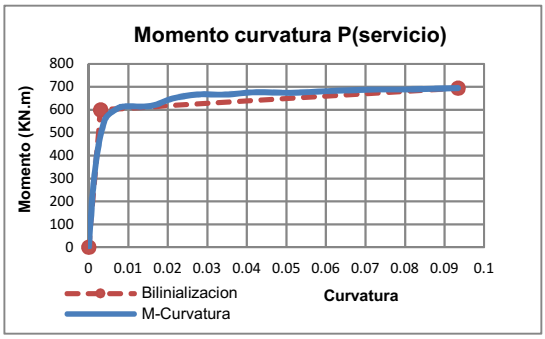
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M20 Y MUR-M20-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X (m)**	**Condicion de carga**	**P max(KN)**
MUR-M20 Y MUR-M20-2	Piso 1	0.575	Serv Mayorada	610.04
			Sismo	943.41

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M20 Y MUR-M20-2			
Pu (KN)=	610.0	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

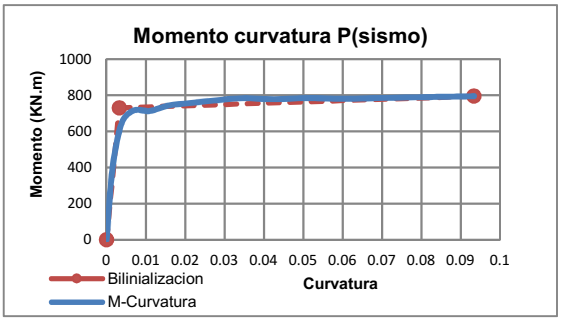


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00157	333.6
3	0.00392	548.7
4	0.00706	603.1
5	0.00903	614.1
6	0.01570	616.7
7	0.02120	648.7
8	0.02750	666.5
9	0.03450	666.0
10	0.04240	676.4
11	0.05100	673.9
12	0.06040	681.3
13	0.07060	687.8
14	0.08160	688.7
15	0.09340	694.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	600	**Øy=**	0.002974	**ψy=**	0.00171
M max (KN.m)=	695	**Ømax=**	0.09340	**ψmax=**	0.053705
Mmax/My=	1.158	**Ømax/Øy=**	31.41	**ψmax/ψy=**	31.406

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M20 Y MUR-M20-2			
Pu (KN)=	943.4	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

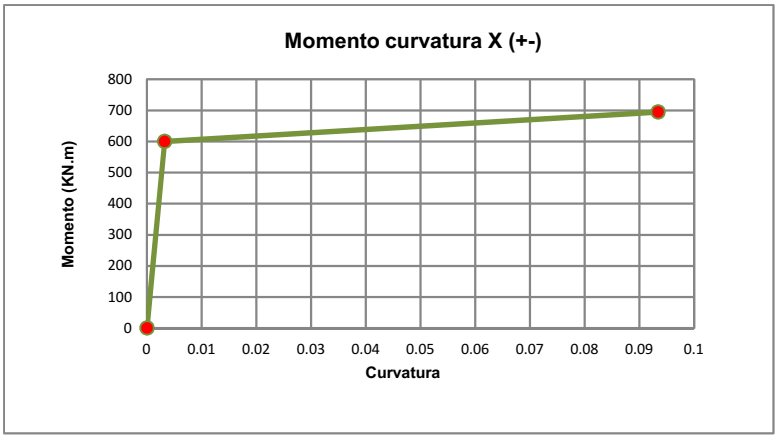


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00157	402.5
3	0.00392	650.0
4	0.00706	716.7
5	0.01100	713.1
6	0.01570	743.2
7	0.02120	756.8
8	0.02750	770.9
9	0.03450	783.7
10	0.04240	778.2
11	0.05100	784.5
12	0.06040	780.5
13	0.07060	785.4
14	0.08160	789.9
15	0.09340	794.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	730	**Øy=**	0.003248	**ψy=**	0.00187
M max (KN.m)=	795	**Ømax=**	0.09340	**ψmax=**	0.053705
Mmax/My=	1.089	**Ømax/Øy=**	28.76	**ψmax/ψy=**	28.756

MOMENTO CURVATURA EN DIRECCION DE "X (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	600	Øy=	0.00325	ψy=	0.00187
M max (KN.m)=	695	Ømax=	0.0934	ψmax=	0.053705
Mmax/My=	1.158	Ømax/Øy=	28.76	ψmax/ψy=	28.756



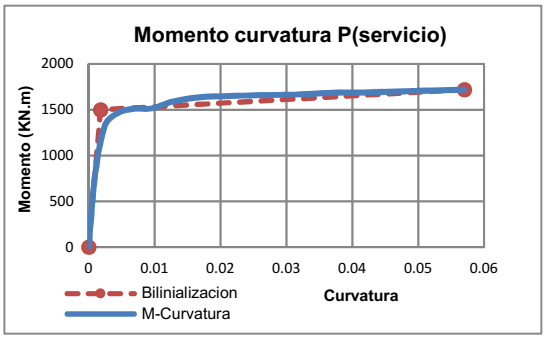
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M21 Y MUR-M21-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X (m)	Condicion de carga	P max(KN)
MUR-M21 Y MUR-M21-2	Piso 1	0.925	Serv Mayorada	854.99
			Sismo	1362.49

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M21 Y MUR-M21-2			
Pu (KN)=	855.0	f`c(KN/m2)=	28000
Lp(m)=	0.925	fy(KN/m2)=	420000

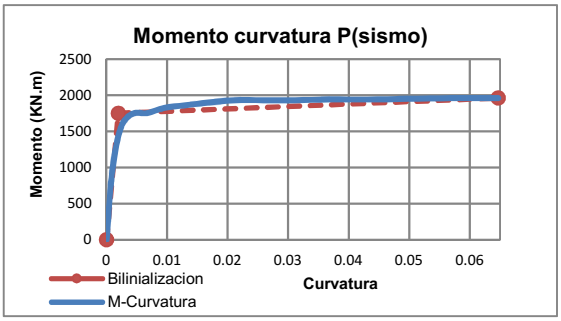


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00096	785.0
3	0.00240	1314.6
4	0.00431	1459.9
5	0.00671	1510.2
6	0.00958	1515.1
7	0.01290	1592.5
8	0.01680	1635.2
9	0.02110	1649.3
10	0.02590	1658.3
11	0.03110	1664.8
12	0.03690	1683.8
13	0.04310	1689.9
14	0.04980	1705.1
15	0.05700	1719.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.001795	ψy=	0.00166
M max (KN.m)=	1719	Ømax=	0.05700	ψmax=	0.052725
Mmax/My=	1.146	Ømax/Øy=	31.75	ψmax/ψy=	31.755

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M21 Y MUR-M21-2			
Pu (KN)=	1362.5	f`c(KN/m2)=	28000
Lp(m)=	0.925	fy(KN/m2)=	420000

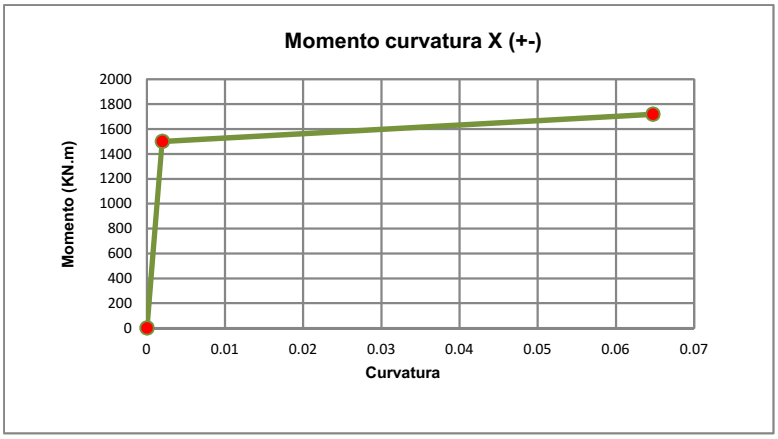


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00096	960.8
3	0.00240	1561.2
4	0.00431	1744.5
5	0.00671	1754.1
6	0.00958	1826.0
7	0.01290	1860.2
8	0.01680	1898.1
9	0.02110	1931.6
10	0.02590	1931.3
11	0.03110	1930.7
12	0.03690	1942.1
13	0.04310	1940.7
14	0.04980	1950.5
15	0.05700	1960.0
16	0.06470	1961.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1750	Øy=	0.001956	ψy=	0.00181
M max (KN.m)=	1961	Ømax=	0.06470	ψmax=	0.0598475
Mmax/My=	1.120	Ømax/Øy=	33.08	ψmax/ψy=	33.078

MOMENTO CURVATURA EN DIRECCION DE "X (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1500	Øy=	0.00196	ψy=	0.00181
M max (KN.m)=	1719	Ømax=	0.0647	ψmax=	0.0598475
Mmax/My=	1.146	Ømax/Øy=	33.08	ψmax/ψy=	33.078



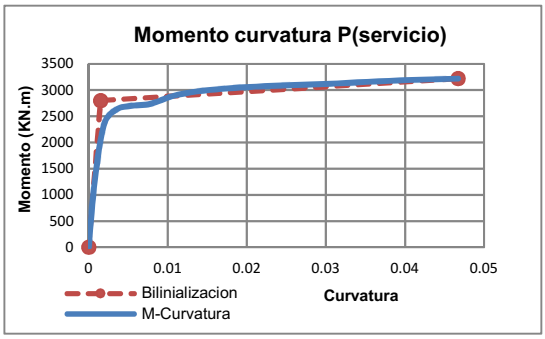
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M22 Y MUR-M22-2

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X (m)**	**Condicion de carga**	**P max(KN)**
MUR-M22 Y MUR-M22-2	Piso 1	1.125	Serv Mayorada	959.44
			Sismo	2231.10

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M22 Y MUR-M22-2			
Pu (KN)=	959.4	**f`c(KN/m2)=**	28000
Lp(m)=	1.125	**fy(KN/m2)=**	420000

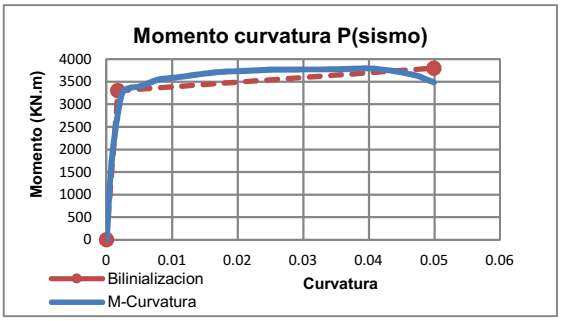


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00079	1290.9
3	0.00196	2358.0
4	0.00353	2631.5
5	0.00550	2700.6
6	0.00785	2738.0
7	0.01060	2885.6
8	0.01370	2974.4
9	0.01730	3029.1
10	0.02120	3065.9
11	0.02550	3094.9
12	0.03020	3118.6
13	0.03530	3157.3
14	0.04080	3193.8
15	0.04670	3218.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	2800	**Øy=**	0.001484	**ψy=**	0.00167
M max (KN.m)=	3219	**Ømax=**	0.04670	**ψmax=**	0.0525375
Mmax/My=	1.150	**Ømax/Øy=**	31.47	**ψmax/ψy=**	31.469

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M22 Y MUR-M22-2			
Pu (KN)=	2231.1	**f`c(KN/m2)=**	28000
Lp(m)=	1.125	**fy(KN/m2)=**	420000

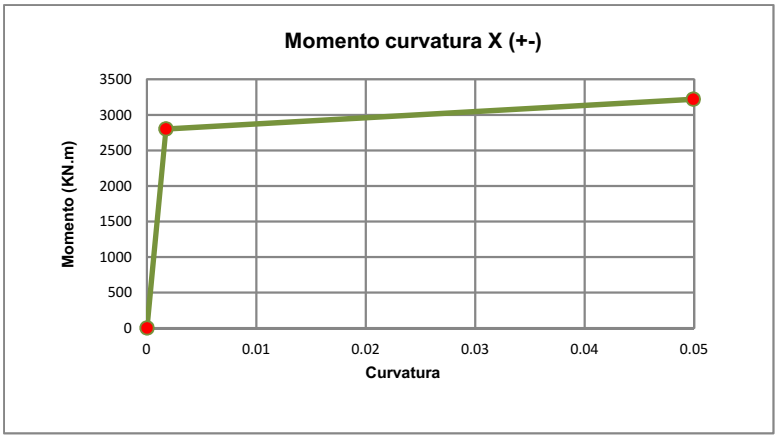


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	0.0
2	0.00079	1749.9
3	0.00196	2998.0
4	0.00275	3315.9
5	0.00550	3411.9
6	0.00785	3545.2
7	0.01060	3594.6
8	0.01370	3655.5
9	0.01730	3715.4
10	0.02120	3738.3
11	0.02550	3766.6
12	0.03020	3771.1
13	0.03530	3774.3
14	0.04080	3787.8
15	0.04670	3654.9
16	0.04990	3483.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	3300	**Øy=**	0.001738	**ψy=**	0.00196
M max (KN.m)=	3800	**Ømax=**	0.04990	**ψmax=**	0.0561375
Mmax/My=	1.152	**Ømax/Øy=**	28.71	**ψmax/ψy=**	28.711

MOMENTO CURVATURA EN DIRECCION DE "X (+-)"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	2800	Øy=	0.00174	ψy=	0.00196
M max (KN.m)=	3219	Ømax=	0.0499	ψmax=	0.0561375
Mmax/My=	1.150	Ømax/Øy=	28.71	ψmax/ψy=	28.711



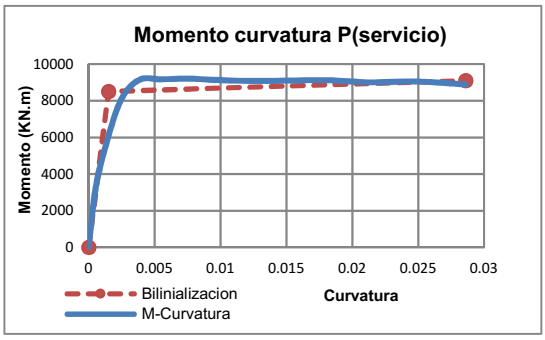
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M23

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M23	Piso 1	0.775	Serv Mayorada	3041.7827
		2.3	Sismo	5047.03

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M23			
Pu (KN)=	3041.8	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

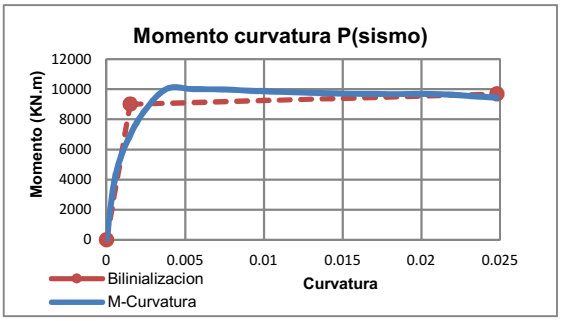


Curva 90°		
Punto	Curvature	Momento
1	0.00000	21.2
2	0.00055	3315.0
3	0.00138	5748.6
4	0.00248	8088.1
5	0.00385	9147.3
6	0.00550	9165.1
7	0.00743	9209.2
8	0.00963	9137.2
9	0.01210	9084.9
10	0.01490	9093.7
11	0.01790	9121.3
12	0.02120	9003.8
13	0.02480	9052.5
14	0.02860	8883.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8500	Øy=	0.001500	ψy=	0.00116
M max (KN.m)=	9094	Ømax=	0.02860	ψmax=	0.022165
Mmax/My=	1.070	Ømax/Øy=	19.07	ψmax/ψy=	19.067

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M23			
Pu (KN)=	5047.0	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

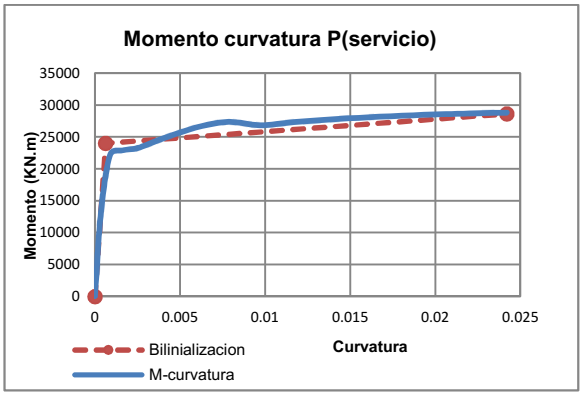


Curva 90°		
Punto	Curvature	Momento
1	0.00000	35.2
2	0.00055	4174.5
3	0.00138	6685.8
4	0.00248	8646.9
5	0.00385	10041.0
6	0.00550	10004.0
7	0.00743	9986.6
8	0.00963	9876.8
9	0.01210	9786.1
10	0.01490	9714.4
11	0.01790	9680.4
12	0.02120	9663.1
13	0.02480	9439.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	9000	Øy=	0.001500	ψy=	0.00116
M max (KN.m)=	9680	Ømax=	0.02480	ψmax=	0.01922
Mmax/My=	1.076	Ømax/Øy=	16.53	ψmax/ψy=	16.533

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M23			
Pu (KN)=	3041.8	f`c(KN/m2)=	28000
Lp(m)=	2.3	fy(KN/m2)=	420000

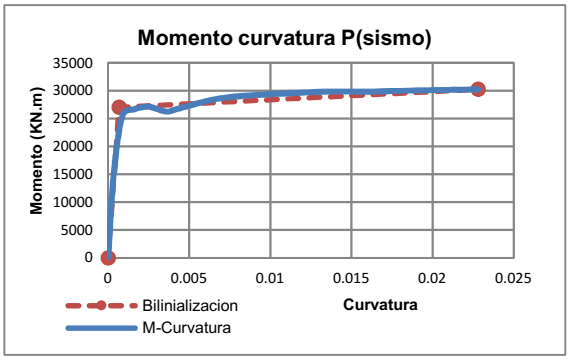


Curva 0°		
Punto	Curvature	Momento
1	0.00000	34.7
2	0.00036	13263.0
3	0.00090	22198.0
4	0.00161	22889.0
5	0.00251	23256.0
6	0.00359	24330.0
7	0.00484	25556.0
8	0.00628	26694.0
9	0.00789	27365.0
10	0.00969	26839.0
11	0.01170	27311.0
12	0.01380	27719.0
13	0.01610	28082.0
14	0.01870	28399.0
15	0.02130	28626.0
16	0.02420	28808.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	24000	Øy=	0.000623	ψy=	0.00143
M max (KN.m)=	28629	Ømax=	0.0242	ψmax=	0.05566
Mmax/My=	1.193	Ømax/Øy=	38.86	ψmax/ψy=	38.863

MOMENTO CURVATURA COL-80X50 EN DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M23			
Pu (KN)=	5047.0	f`c(KN/m2)=	28000
Lp(m)=	2.3	fy(KN/m2)=	420000

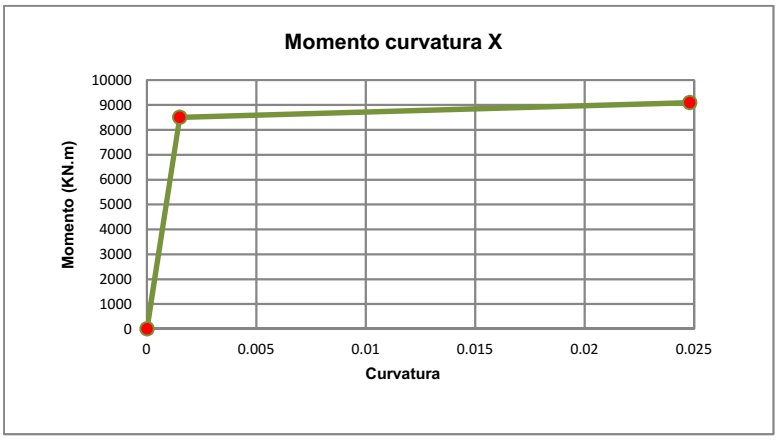


Curva 0°		
Punto	Curvature	Momento
1	0.00000	57.5
2	0.00036	15433.0
3	0.00090	25652.0
4	0.00161	26677.0
5	0.00251	27126.0
6	0.00359	26254.0
7	0.00422	26693.0
8	0.00628	28296.0
9	0.00789	28978.0
10	0.00969	29342.0
11	0.01170	29625.0
12	0.01380	29864.0
13	0.01610	29858.0
14	0.01870	30034.0
15	0.02130	30174.0
16	0.02280	30256.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	27000	Øy=	0.000675	ψy=	0.00155
M max (KN.m)=	30256	Ømax=	0.0228	ψmax=	0.05244
Mmax/My=	1.121	Ømax/Øy=	33.80	ψmax/ψy=	33.798

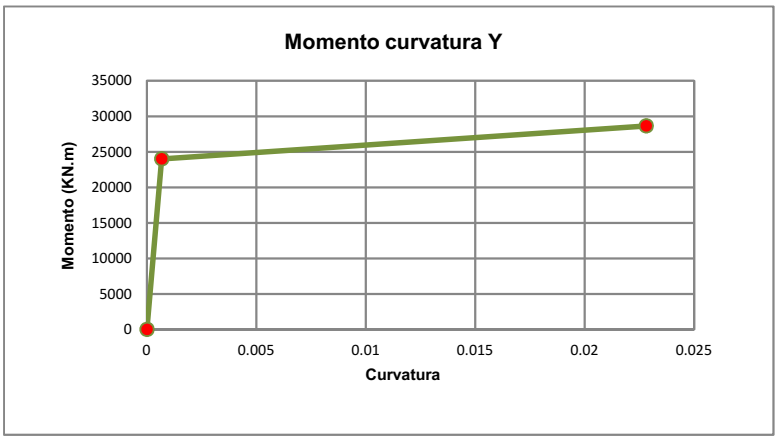
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8500	Øy=	0.00150	ψy=	0.00116
M max (KN.m)=	9094	Ømax=	0.0248	ψmax=	0.01922
Mmax/My=	1.070	Ømax/Øy=	16.53	ψmax/ψy=	16.533



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	24000	Øy=	0.00067	ψy=	0.00155
M max (KN.m)=	28629	Ømax=	0.0228	ψmax=	0.05244
Mmax/My=	1.193	Ømax/Øy=	33.80	ψmax/ψy=	33.798



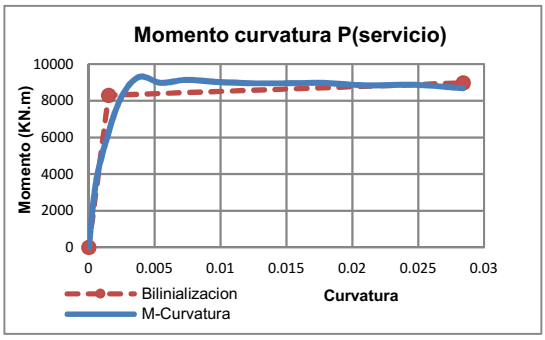
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M24

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M24	Piso 1	0.775	Serv Mayorada	3302.9096
		2.425	Sismo	6191.41

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M24			
Pu (KN)=	3302.9	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

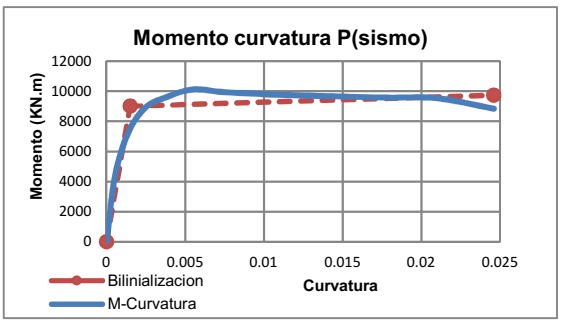


Curva 90°		
Punto	Curvature	Momento
1	0.00000	11.5
2	0.00055	3495.9
3	0.00137	5929.8
4	0.00246	8177.1
5	0.00382	9300.6
6	0.00546	8975.9
7	0.00738	9140.1
8	0.00956	9033.2
9	0.01200	8959.2
10	0.01470	8953.1
11	0.01780	8973.4
12	0.02100	8840.3
13	0.02460	8873.2
14	0.02840	8680.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8300	Øy=	0.001500	ψy=	0.00116
M max (KN.m)=	8973	Ømax=	0.02840	ψmax=	0.02201
Mmax/My=	1.081	Ømax/Øy=	18.93	ψmax/ψy=	18.933

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M24			
Pu (KN)=	6191.4	f`c(KN/m2)=	28000
Lp(m)=	0.775	fy(KN/m2)=	420000

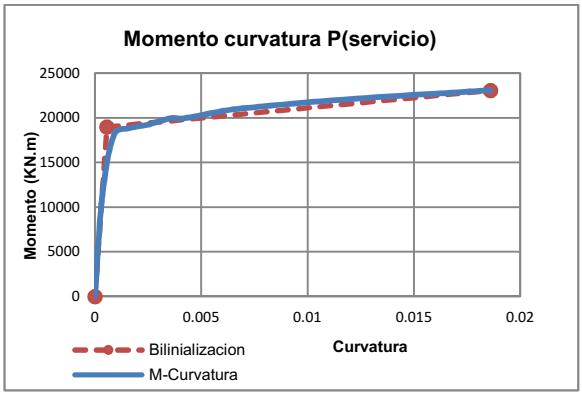


Curva 90°		
Punto	Curvature	Momento
1	0.00000	21.6
2	0.00055	4405.3
3	0.00137	7217.3
4	0.00246	8905.8
5	0.00382	9612.6
6	0.00546	10118.0
7	0.00738	9945.0
8	0.00956	9829.2
9	0.01200	9736.9
10	0.01470	9656.0
11	0.01780	9576.8
12	0.02100	9536.5
13	0.02460	8843.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	9000	Øy=	0.001500	ψy=	0.00116
M max (KN.m)=	9737	Ømax=	0.02460	ψmax=	0.019065
Mmax/My=	1.082	Ømax/Øy=	16.40	ψmax/ψy=	16.400

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M24			
Pu (KN)=	3302.9	f`c(KN/m2)=	28000
Lp(m)=	2.425	fy(KN/m2)=	420000

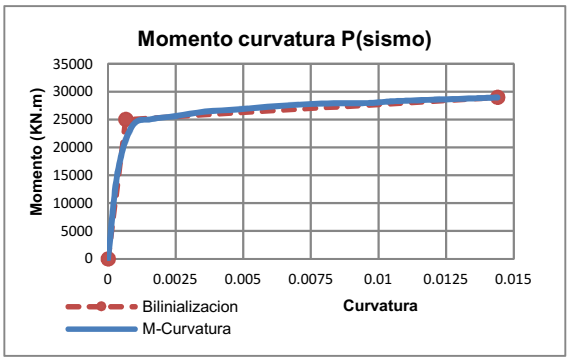


Curva 0°		
Punto	Curvature	Momento
1	0.00000	10.8
2	0.00036	11574.0
3	0.00090	18090.0
4	0.00161	18831.0
5	0.00251	19241.0
6	0.00359	19971.0
7	0.00421	19944.0
8	0.00628	20865.0
9	0.00789	21272.0
10	0.00968	21669.0
11	0.01170	22030.0
12	0.01380	22387.0
13	0.01610	22713.0
14	0.01860	23082.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	19000	Øy=	0.000556	ψy=	0.00135
M max (KN.m)=	23082	Ømax=	0.0186	ψmax=	0.045105
Mmax/My=	1.215	Ømax/Øy=	33.44	ψmax/ψy=	33.435

MOMENTO CURVATURA COL-80X50 EN DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M24			
Pu (KN)=	6191.4	f`c(KN/m2)=	28000
Lp(m)=	2.425	fy(KN/m2)=	420000

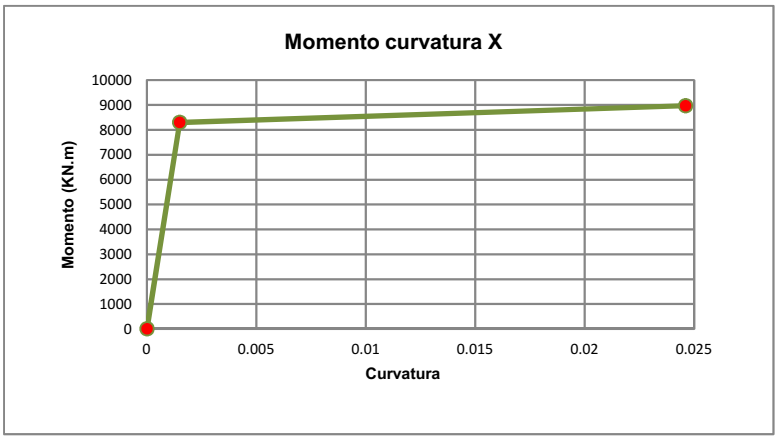


Curva 0°		
Punto	Curvature	Momento
1	0.00000	20.2
2	0.00036	15654.0
3	0.00090	23873.0
4	0.00161	25088.0
5	0.00251	25652.0
6	0.00359	26437.0
7	0.00484	26849.0
8	0.00628	27436.0
9	0.00789	27878.0
10	0.00968	27994.0
11	0.01070	28339.0
12	0.01380	28866.0
13	0.01440	28986.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	25000	Øy=	0.000657	ψy=	0.00159
M max (KN.m)=	28986	Ømax=	0.0144	ψmax=	0.03492
Mmax/My=	1.159	Ømax/Øy=	21.92	ψmax/ψy=	21.924

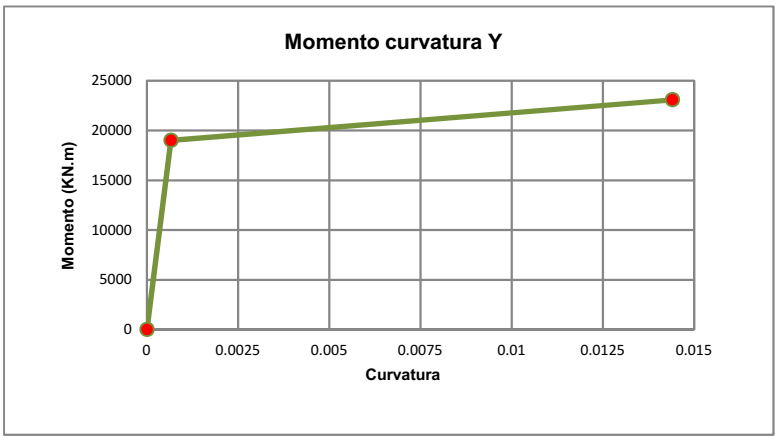
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8300	Øy=	0.00150	ψy=	0.00116
M max (KN.m)=	8973	Ømax=	0.0246	ψmax=	0.019065
Mmax/My=	1.081	Ømax/Øy=	16.40	ψmax/ψy=	16.400



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	19000	Øy=	0.00066	ψy=	0.00159
M max (KN.m)=	23082	Ømax=	0.0144	ψmax=	0.03492
Mmax/My=	1.215	Ømax/Øy=	21.92	ψmax/ψy=	21.924



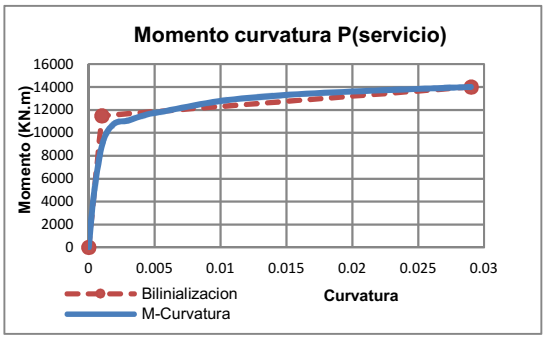
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M25

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M25	Piso 1	0.575	Serv Mayorada	2580.4611
		0.25	Sismo	3552.22

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M25			
Pu (KN)=	2580.5	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

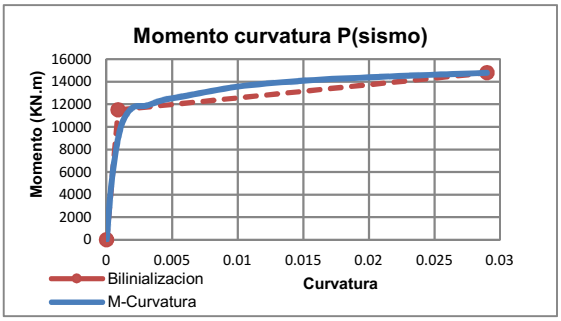


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	1.0
2	0.00043	4948.1
3	0.00107	9182.7
4	0.00193	10795.0
5	0.00301	11073.0
6	0.00429	11569.0
7	0.00580	11898.0
8	0.00751	12284.0
9	0.00945	12688.0
10	0.01160	12992.0
11	0.01400	13221.0
12	0.01650	13418.0
13	0.01930	13569.0
14	0.02230	13715.0
15	0.02550	13857.0
16	0.02900	14009.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	11500	**Øy=**	0.001000	**ψy=**	0.00058
M max (KN.m)=	14009	**Ømax=**	0.02900	**ψmax=**	0.016675
Mmax/My=	1.218	**Ømax/Øy=**	29.00	**ψmax/ψy=**	29.000

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M25			
Pu (KN)=	3552.2	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

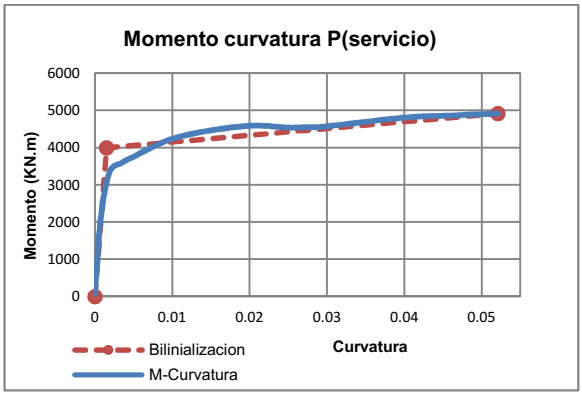


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	1.4
2	0.00043	5535.8
3	0.00107	9913.8
4	0.00193	11653.0
5	0.00301	11873.0
6	0.00429	12369.0
7	0.00580	12693.0
8	0.00751	13071.0
9	0.00945	13472.0
10	0.01160	13779.0
11	0.01400	14005.0
12	0.01650	14201.0
13	0.01930	14354.0
14	0.02230	14498.0
15	0.02550	14639.0
16	0.02900	14787.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	11500	**Øy=**	0.000888	**ψy=**	0.00051
M max (KN.m)=	14787	**Ømax=**	0.02900	**ψmax=**	0.016675
Mmax/My=	1.286	**Ømax/Øy=**	32.67	**ψmax/ψy=**	32.665

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M25			
Pu (KN)=	2580.5	f`c(KN/m2)=	28000
Lp(m)=	0.25	fy(KN/m2)=	420000

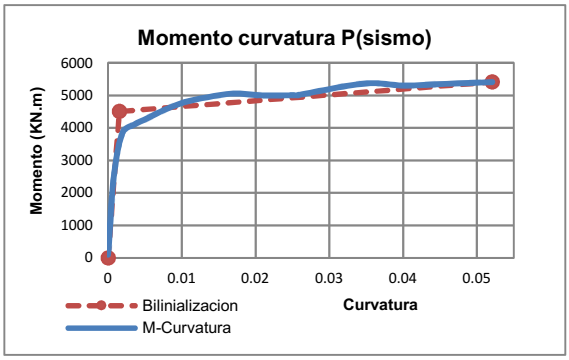


Curva 0°		
Punto	Curvature	Momento
1	0.00000	73.5
2	0.00077	2137.7
3	0.00193	3358.9
4	0.00347	3589.3
5	0.00540	3796.1
6	0.00772	4043.9
7	0.01040	4261.2
8	0.01350	4407.6
9	0.01700	4522.2
10	0.02080	4592.6
11	0.02510	4535.7
12	0.02740	4550.3
13	0.02920	4552.8
14	0.04010	4806.7
15	0.04590	4860.4
16	0.05210	4916.3

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.001481	ψy=	0.00037
M max (KN.m)=	4916	Ømax=	0.0521	ψmax=	0.013025
Mmax/My=	1.229	Ømax/Øy=	35.18	ψmax/ψy=	35.179

MOMENTO CURVATURA COL-80X50 EN DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M25			
Pu (KN)=	3552.2	f`c(KN/m2)=	28000
Lp(m)=	0.25	fy(KN/m2)=	420000

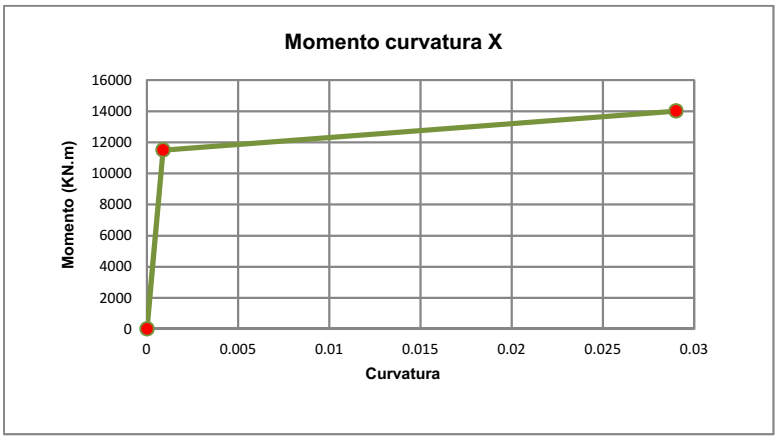


Curva 0°		
Punto	Curvature	Momento
1	0.00000	101.2
2	0.00077	2500.5
3	0.00193	3835.2
4	0.00347	4094.6
5	0.00540	4305.6
6	0.00772	4563.2
7	0.01040	4791.6
8	0.01350	4945.1
9	0.01700	5057.0
10	0.02080	5001.4
11	0.02510	5004.4
12	0.02570	5008.4
13	0.03470	5364.1
14	0.04010	5303.1
15	0.04590	5355.4
16	0.05210	5411.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4500	Øy=	0.001540	ψy=	0.00039
M max (KN.m)=	5411	Ømax=	0.0521	ψmax=	0.013025
Mmax/My=	1.202	Ømax/Øy=	33.83	ψmax/ψy=	33.831

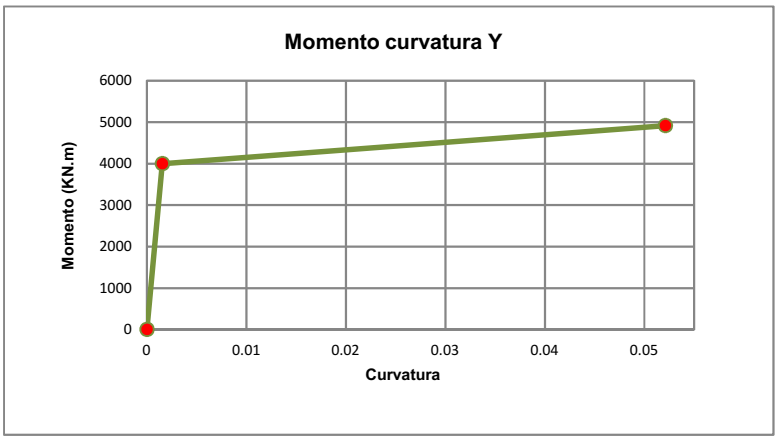
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	11500	Øy=	0.00089	ψy=	0.00051
M max (KN.m)=	14009	Ømax=	0.0290	ψmax=	0.016675
Mmax/My=	1.218	Ømax/Øy=	32.67	ψmax/ψy=	32.665



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.00154	ψy=	0.00039
M max (KN.m)=	4916	Ømax=	0.0521	ψmax=	0.013025
Mmax/My=	1.229	Ømax/Øy=	33.83	ψmax/ψy=	33.831



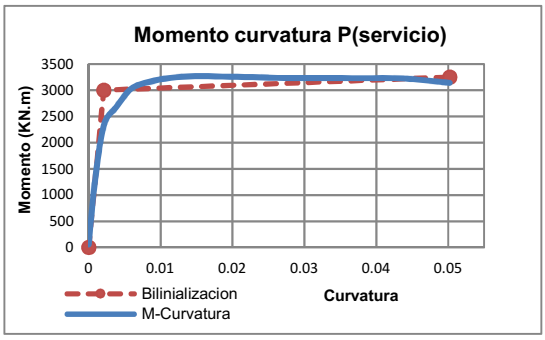
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M26

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	**Piso**	**Lp X y Y (m)**	**Condicion de carga**	**P max(KN)**
MUR-M26	Piso 1	0.575	Serv Mayorada	2580.46
		0.875	Sismo	2733.69

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M26			
Pu (KN)=	2580.5	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

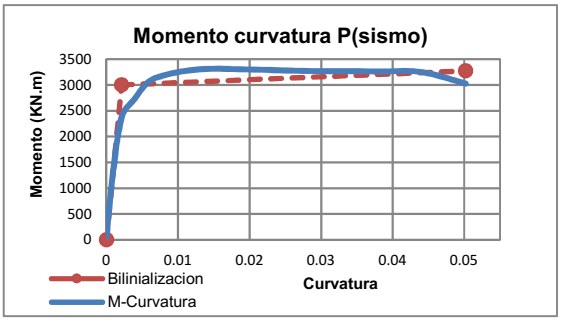


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	57.4
2	0.00084	1232.1
3	0.00211	2334.8
4	0.00380	2673.4
5	0.00591	3027.8
6	0.00844	3160.7
7	0.01140	3236.8
8	0.01480	3269.8
9	0.01860	3261.2
10	0.02280	3250.6
11	0.02740	3233.5
12	0.03250	3233.8
13	0.03800	3230.2
14	0.04390	3223.9
15	0.05020	3141.8

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	3000	**Øy=**	0.002076	**ψy=**	0.00119
M max (KN.m)=	3251	**Ømax=**	0.05020	**ψmax=**	0.028865
Mmax/My=	1.084	**Ømax/Øy=**	24.18	**ψmax/ψy=**	24.181

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M26			
Pu (KN)=	2733.7	**f`c(KN/m2)=**	28000
Lp(m)=	0.575	**fy(KN/m2)=**	420000

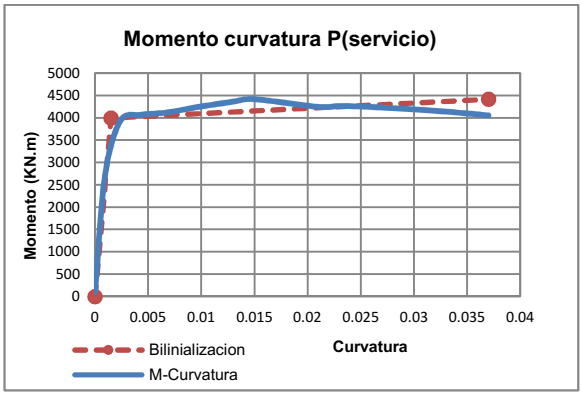


Curva 90°		
Punto	**Curvature**	**Momento**
1	0.00000	60.8
2	0.00084	1249.1
3	0.00211	2371.1
4	0.00380	2707.4
5	0.00591	3063.4
6	0.00844	3200.9
7	0.01140	3278.4
8	0.01480	3313.5
9	0.01860	3302.8
10	0.02280	3289.9
11	0.02740	3271.3
12	0.03250	3267.4
13	0.03800	3261.1
14	0.04390	3251.8
15	0.05020	3026.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	**Ømin=**	0	**ψmin=**	0
My (KN.m)=	3000	**Øy=**	0.002106	**ψy=**	0.00121
M max (KN.m)=	3271	**Ømax=**	0.05020	**ψmax=**	0.028865
Mmax/My=	1.090	**Ømax/Øy=**	23.84	**ψmax/ψy=**	23.837

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M26			
Pu (KN)=	2580.5	f`c(KN/m2)=	28000
Lp(m)=	0.875	fy(KN/m2)=	420000

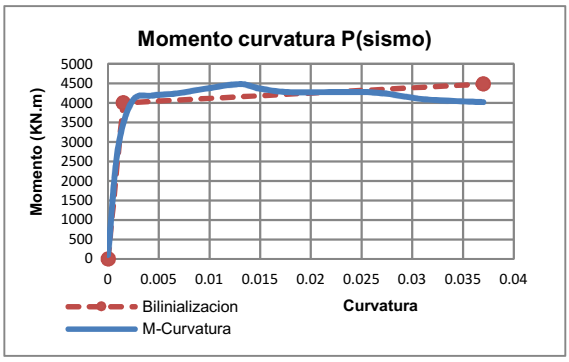


Curva 0°		
Punto	Curvature	Momento
1	0.00000	95.9
2	0.00096	2728.4
3	0.00240	3936.0
4	0.00433	4066.9
5	0.00673	4116.9
6	0.00961	4238.8
7	0.01300	4359.7
8	0.01490	4416.9
9	0.02110	4243.5
10	0.02360	4264.6
11	0.03120	4171.3
12	0.03700	4054.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.001500	ψy=	0.00131
M max (KN.m)=	4417	Ømax=	0.037	ψmax=	0.032375
Mmax/My=	1.104	Ømax/Øy=	24.67	ψmax/ψy=	24.667

MOMENTO CURVATURA COL-80X50 EN DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M26			
Pu (KN)=	2733.7	f`c(KN/m2)=	28000
Lp(m)=	0.875	fy(KN/m2)=	420000

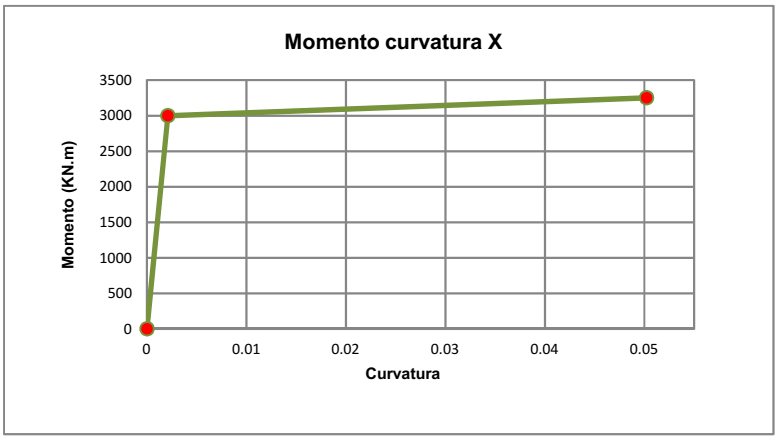


Curva 0°		
Punto	Curvature	Momento
1	0.00000	101.7
2	0.00096	2810.2
3	0.00240	4050.2
4	0.00433	4188.9
5	0.00673	4241.0
6	0.00961	4363.2
7	0.01300	4482.3
8	0.01490	4371.1
9	0.01800	4274.2
10	0.02600	4271.2
11	0.03120	4093.1
12	0.03700	4020.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.001500	ψy=	0.00131
M max (KN.m)=	4482	Ømax=	0.037	ψmax=	0.032375
Mmax/My=	1.121	Ømax/Øy=	24.67	ψmax/ψy=	24.667

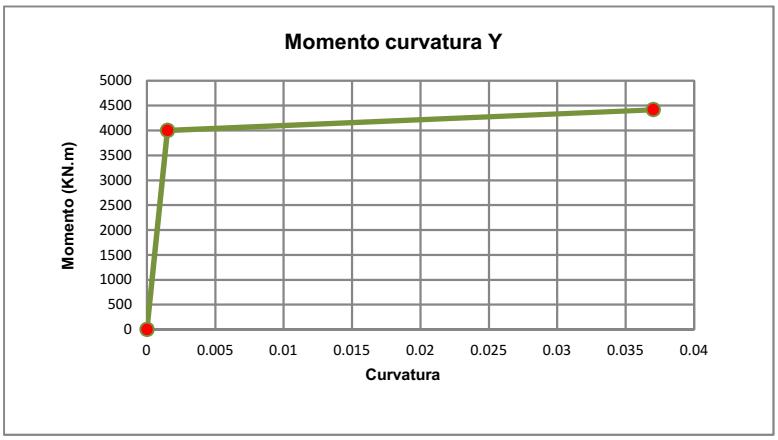
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3000	Øy=	0.00211	ψy=	0.00121
M max (KN.m)=	3251	Ømax=	0.0502	ψmax=	0.028865
Mmax/My=	1.084	Ømax/Øy=	23.84	ψmax/ψy=	23.837



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	4000	Øy=	0.00150	ψy=	0.00131
M max (KN.m)=	4417	Ømax=	0.0370	ψmax=	0.032375
Mmax/My=	1.104	Ømax/Øy=	24.67	ψmax/ψy=	24.667



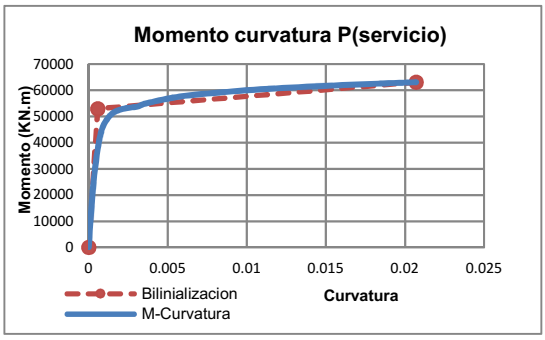
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M27

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M27	Piso 1	0.55	Serv Mayorada	6704.80
		0.725	Sismo	8565.96

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M27			
Pu (KN)=	6704.8	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

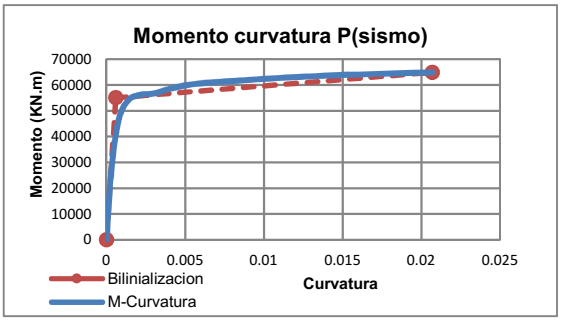


Curva 90°		
Punto	Curvature	Momento
1	0.00000	84.8
2	0.00031	25013.0
3	0.00077	43700.0
4	0.00138	50555.0
5	0.00215	52852.0
6	0.00307	53779.0
7	0.00361	54972.0
8	0.00537	57240.0
9	0.00676	58325.0
10	0.00829	59153.0
11	0.00998	60005.0
12	0.01180	60701.0
13	0.01380	61361.0
14	0.01600	61959.0
15	0.01830	62540.0
16	0.02070	63076.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	53000	Øy=	0.000568	ψy=	0.00031
M max (KN.m)=	63076	Ømax=	0.02070	ψmax=	0.011385
Mmax/My=	1.190	Ømax/Øy=	36.43	ψmax/ψy=	36.431

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M27			
Pu (KN)=	8566.0	f`c(KN/m2)=	28000
Lp(m)=	0.55	fy(KN/m2)=	420000

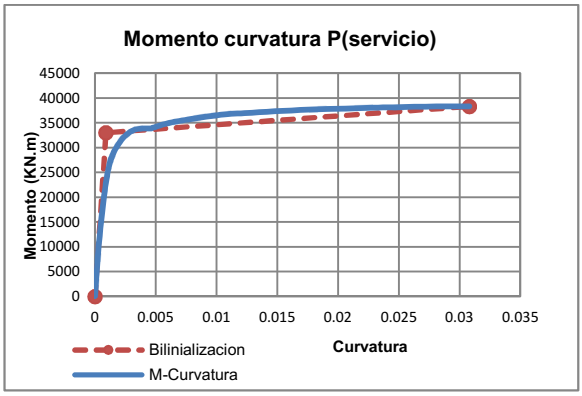


Curva 90°		
Punto	Curvature	Momento
1	0.00000	108.4
2	0.00031	27135.0
3	0.00077	46448.0
4	0.00138	54136.0
5	0.00215	56151.0
6	0.00307	56740.0
7	0.00415	58709.0
8	0.00537	60161.0
9	0.00676	61013.0
10	0.00829	61633.0
11	0.00998	62329.0
12	0.01180	62988.0
13	0.01380	63548.0
14	0.01600	64034.0
15	0.01830	64502.0
16	0.02070	64838.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	55000	Øy=	0.000586	ψy=	0.00032
M max (KN.m)=	64838	Ømax=	0.02070	ψmax=	0.011385
Mmax/My=	1.179	Ømax/Øy=	35.31	ψmax/ψy=	35.312

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M27			
Pu (KN)=	6704.8	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

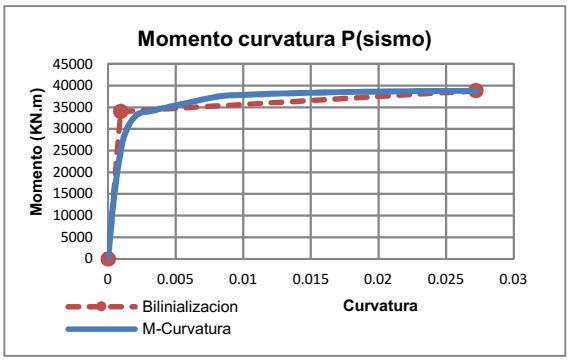


Curva 0°		
Punto	Curvature	Momento
1	0.00000	49.6
2	0.00046	13753.0
3	0.00114	26065.0
4	0.00206	31124.0
5	0.00320	33531.0
6	0.00457	33844.0
7	0.00477	33997.0
8	0.00638	35101.0
9	0.01000	36510.0
10	0.01230	36931.0
11	0.01480	37325.0
12	0.01760	37636.0
13	0.02060	37875.0
14	0.02370	38079.0
15	0.02720	38239.0
16	0.03080	38324.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	33000	Øy=	0.000902	ψy=	0.00065
M max (KN.m)=	38324	Ømax=	0.0308	ψmax=	0.02233
Mmax/My=	1.161	Ømax/Øy=	34.15	ψmax/ψy=	34.146

MOMENTO CURVATURA COL-80X50 EN DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M27			
Pu (KN)=	8566.0	f`c(KN/m2)=	28000
Lp(m)=	0.725	fy(KN/m2)=	420000

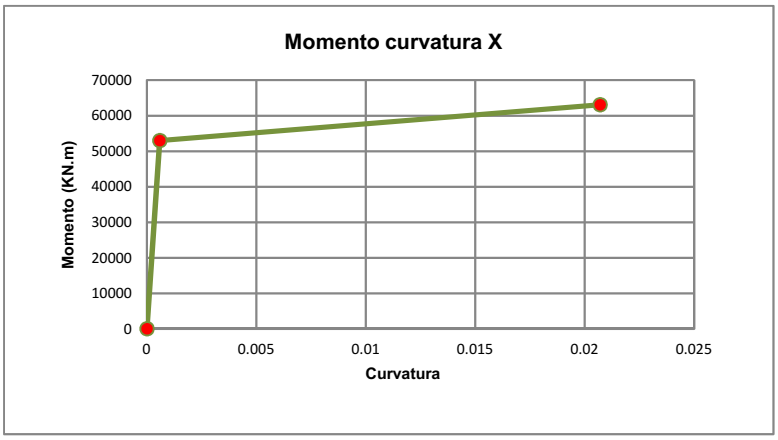


Curva 0°		
Punto	Curvature	Momento
1	0.00000	63.4
2	0.00046	14673.0
3	0.00114	27756.0
4	0.00206	33053.0
5	0.00320	34116.0
6	0.00388	34666.0
7	0.00417	34850.0
8	0.00799	37390.0
9	0.01000	37866.0
10	0.01230	38130.0
11	0.01480	38329.0
12	0.01760	38508.0
13	0.02060	38639.0
14	0.02370	38748.0
15	0.02720	38775.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	34000	Øy=	0.000940	ψy=	0.00068
M max (KN.m)=	38775	Ømax=	0.0272	ψmax=	0.01972
Mmax/My=	1.140	Ømax/Øy=	28.94	ψmax/ψy=	28.936

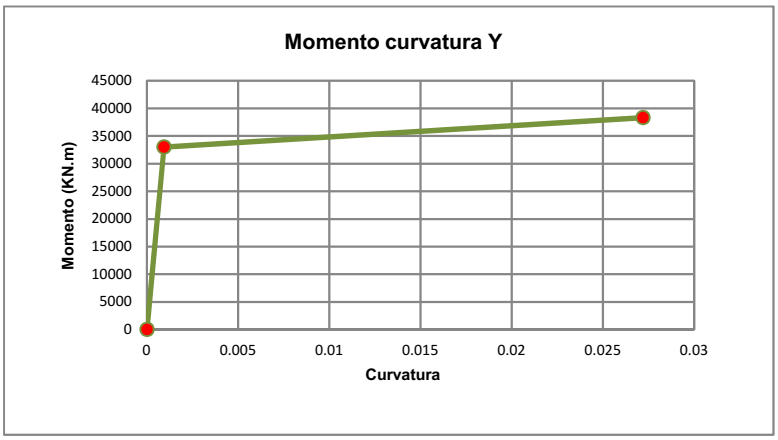
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	53000	Øy=	0.00059	ψy=	0.00032
M max (KN.m)=	63076	Ømax=	0.0207	ψmax=	0.011385
Mmax/My=	1.190	Ømax/Øy=	35.31	ψmax/ψy=	35.312



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	33000	Øy=	0.00094	ψy=	0.00068
M max (KN.m)=	38324	Ømax=	0.0272	ψmax=	0.01972
Mmax/My=	1.161	Ømax/Øy=	28.94	ψmax/ψy=	28.936



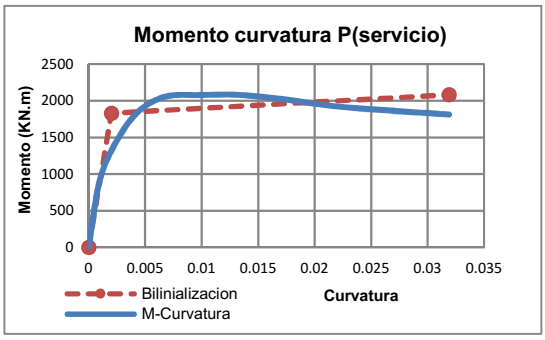
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M28

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M28	Piso 1	0.6	Serv Mayorada	1601.32
		0.9	Sismo	2061.00

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M28			
Pu (KN)=	1601.32	f`c(KN/m2)=	28000
Lp(m)=	0.6	fy(KN/m2)=	420000

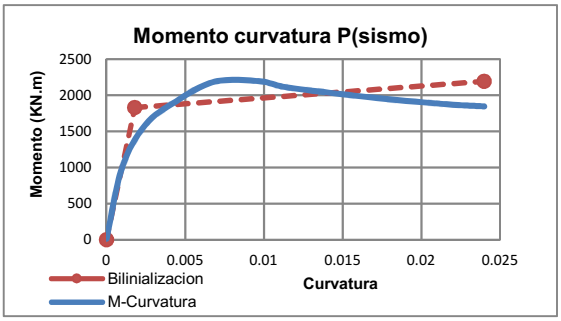


Curva 90°		
Punto	Curvature	Momento
1	0.00000	10.4
2	0.00098	916.5
3	0.00245	1446.2
4	0.00442	1857.6
5	0.00687	2059.4
6	0.00981	2077.1
7	0.01320	2081.0
8	0.01720	2021.2
9	0.02160	1928.0
10	0.02650	1867.9
11	0.03190	1812.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1827.8	Øy=	0.002000	ψy=	0.00120
M max (KN.m)=	2081	Ømax=	0.03190	ψmax=	0.01914
Mmax/My=	1.139	Ømax/Øy=	15.95	ψmax/ψy=	15.950

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M28			
Pu (KN)=	2061.0	f`c(KN/m2)=	28000
Lp(m)=	0.6	fy(KN/m2)=	420000

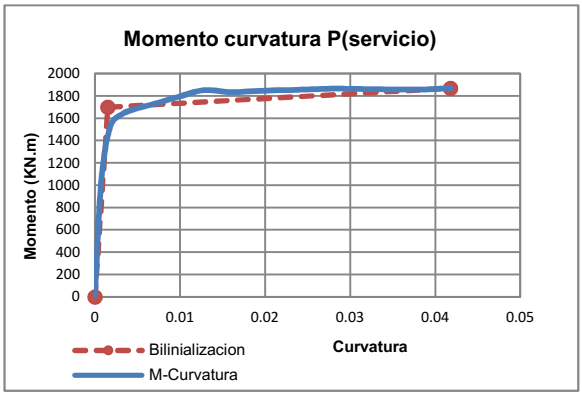


Curva 90°		
Punto	Curvature	Momento
1	0.00000	13.4
2	0.00098	995.5
3	0.00245	1587.4
4	0.00442	1916.0
5	0.00687	2187.5
6	0.00981	2192.9
7	0.01150	2107.6
8	0.01720	1961.2
9	0.02160	1876.1
10	0.02400	1846.5

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1829.27	Øy=	0.001800	ψy=	0.00108
M max (KN.m)=	2193	Ømax=	0.02400	ψmax=	0.0144
Mmax/My=	1.199	Ømax/Øy=	13.33	ψmax/ψy=	13.333

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M28			
Pu (KN)=	1601.32	f`c(KN/m2)=	28000
Lp(m)=	0.9	fy(KN/m2)=	420000

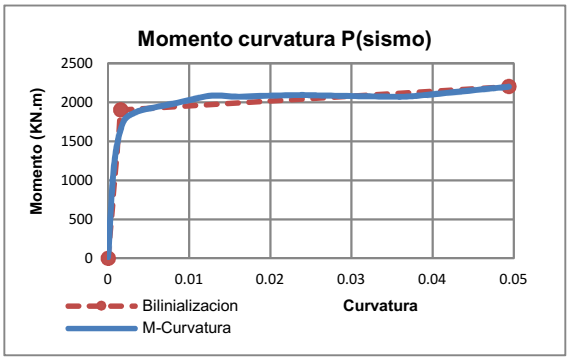


Curva 0°		
Punto	Curvature	Momento
1	0.00000	11.3
2	0.00073	1023.1
3	0.00183	1530.6
4	0.00329	1640.6
5	0.00512	1691.3
6	0.00731	1735.4
7	0.00987	1792.1
8	0.01280	1850.2
9	0.01610	1833.4
10	0.01970	1846.6
11	0.02380	1854.6
12	0.02820	1865.3
13	0.03050	1862.4
14	0.03800	1855.8
15	0.04080	1865.8
16	0.04180	1869.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1700	Øy=	0.001495	ψy=	0.00135
M max (KN.m)=	1870	Ømax=	0.0418	ψmax=	0.03762
Mmax/My=	1.100	Ømax/Øy=	27.96	ψmax/ψy=	27.960

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M28			
Pu (KN)=	2061.0	f`c(KN/m2)=	28000
Lp(m)=	0.9	fy(KN/m2)=	420000

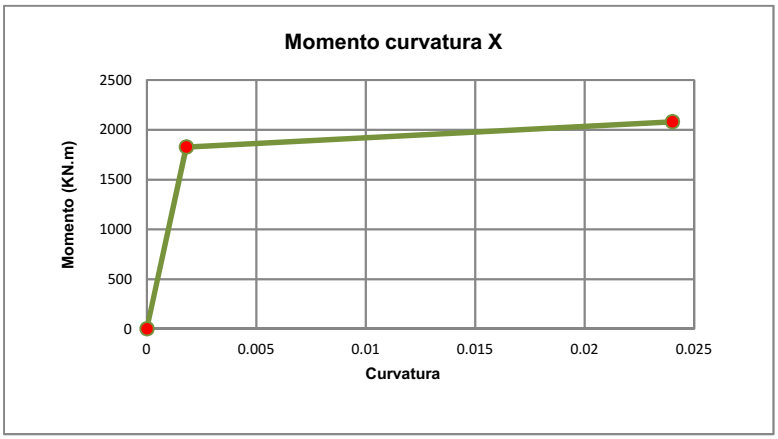


Curva 0°		
Punto	Curvature	Momento
1	0.00000	14.6
2	0.00073	1185.2
3	0.00183	1736.2
4	0.00329	1867.2
5	0.00512	1921.8
6	0.00731	1966.7
7	0.00987	2024.3
8	0.01280	2086.1
9	0.01610	2071.9
10	0.01970	2084.7
11	0.02380	2093.2
12	0.02600	2088.2
13	0.03290	2075.9
14	0.03550	2071.5
15	0.03750	2078.4
16	0.04940	2199.7

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1900	Øy=	0.001556	ψy=	0.00140
M max (KN.m)=	2200	Ømax=	0.0494	ψmax=	0.04446
Mmax/My=	1.158	Ømax/Øy=	31.75	ψmax/ψy=	31.748

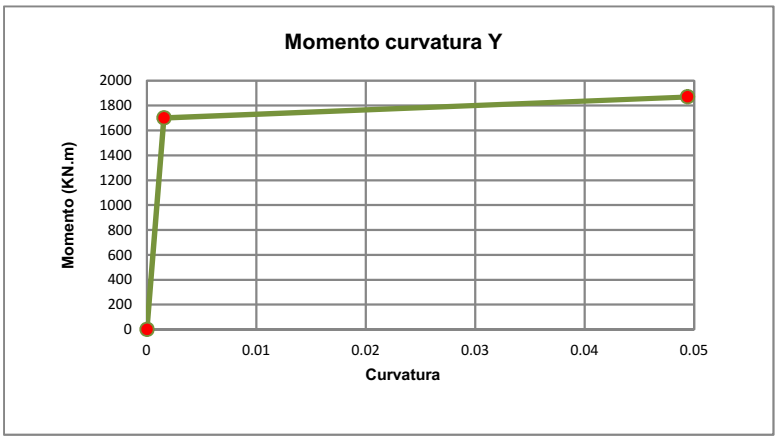
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1827.8	Øy=	0.00180	ψy=	0.00108
M max (KN.m)=	2081	Ømax=	0.0240	ψmax=	0.0144
Mmax/My=	1.139	Ømax/Øy=	13.33	ψmax/ψy=	13.333



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	1700	Øy=	0.00156	ψy=	0.00140
M max (KN.m)=	1870	Ømax=	0.0494	ψmax=	0.04446
Mmax/My=	1.100	Ømax/Øy=	31.75	ψmax/ψy=	31.748



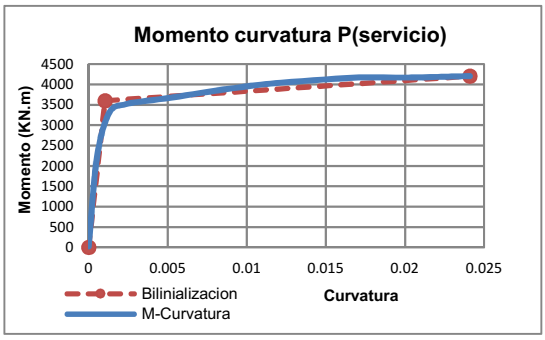
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M29

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X y Y (m)	Condicion de carga	P max(KN)
MUR-M29	Piso 1	1.375	Serv Mayorada	1944.87
		0.475	Sismo	2007.86

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M29			
Pu (KN)=	1944.87	f`c(KN/m2)=	28000
Lp(m)=	1.375	fy(KN/m2)=	420000

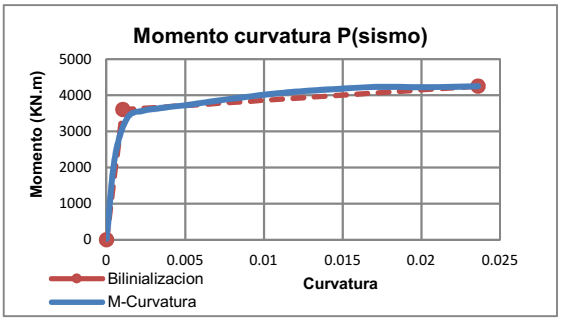


Curva 90°		
Punto	Curvature	Momento
1	0.00000	23.7
2	0.00052	2217.8
3	0.00131	3314.6
4	0.00236	3516.5
5	0.00367	3598.5
6	0.00525	3677.7
7	0.00708	3791.3
8	0.00918	3910.9
9	0.01150	4021.0
10	0.01420	4101.6
11	0.01710	4171.3
12	0.02020	4170.1
13	0.02360	4200.4
14	0.02410	4204.1

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3600	Øy=	0.001024	ψy=	0.00141
M max (KN.m)=	4204	Ømax=	0.02410	ψmax=	0.0331375
Mmax/My=	1.168	Ømax/Øy=	23.54	ψmax/ψy=	23.535

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M29			
Pu (KN)=	2007.9	f`c(KN/m2)=	28000
Lp(m)=	1.375	fy(KN/m2)=	420000

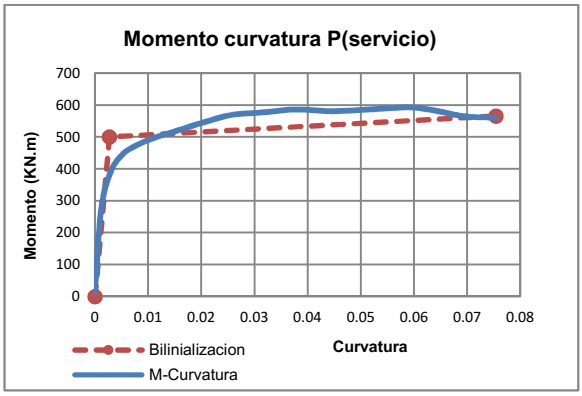


Curva 90°		
Punto	Curvature	Momento
1	0.00000	24.5
2	0.00052	2255.7
3	0.00131	3366.0
4	0.00236	3573.6
5	0.00367	3657.5
6	0.00525	3737.1
7	0.00708	3852.6
8	0.00918	3971.3
9	0.01150	4081.7
10	0.01420	4161.9
11	0.01710	4230.9
12	0.02020	4222.4
13	0.02360	4252.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3600	Øy=	0.001030	ψy=	0.00142
M max (KN.m)=	4252	Ømax=	0.02360	ψmax=	0.03245
Mmax/My=	1.181	Ømax/Øy=	22.91	ψmax/ψy=	22.913

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M29			
Pu (KN)=	1944.87	f`c(KN/m2)=	28000
Lp(m)=	0.475	fy(KN/m2)=	420000

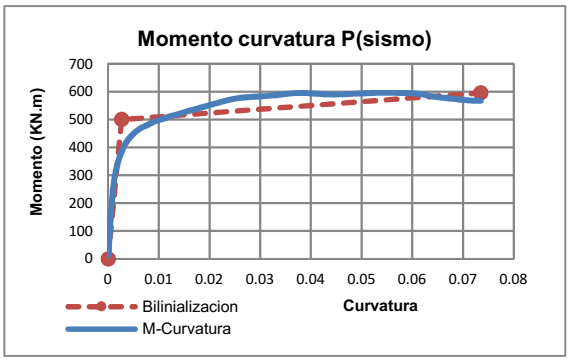


Curva 0°		
Punto	Curvature	Momento
1	0.00000	11.6
2	0.00116	270.5
3	0.00290	388.6
4	0.00522	445.3
5	0.00811	476.3
6	0.01160	499.5
7	0.01560	520.6
8	0.02030	544.8
9	0.02550	568.3
10	0.03130	576.3
11	0.03770	586.1
12	0.04460	580.8
13	0.05210	586.6
14	0.06030	591.8
15	0.06900	565.9
16	0.07360	561.1
17	0.07540	560.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	500	Øy=	0.002689	ψy=	0.00128
M max (KN.m)=	566	Ømax=	0.0754	ψmax=	0.035815
Mmax/My=	1.132	Ømax/Øy=	28.04	ψmax/ψy=	28.040

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M29			
Pu (KN)=	2007.9	f`c(KN/m2)=	28000
Lp(m)=	0.475	fy(KN/m2)=	420000

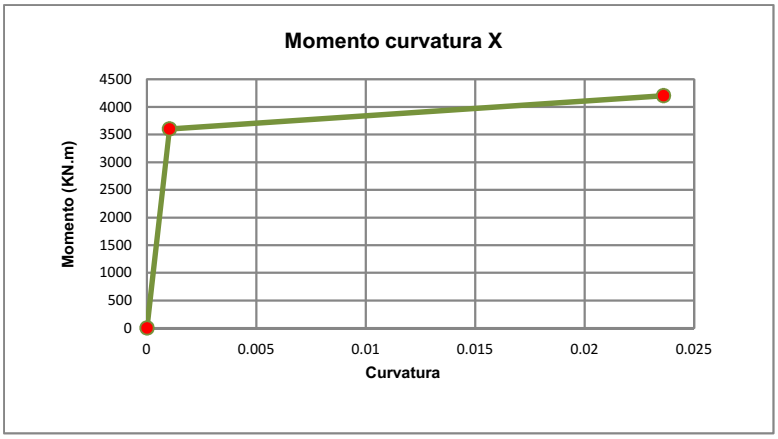


Curva 0°		
Punto	Curvature	Momento
1	0.00000	11.9
2	0.00116	276.5
3	0.00290	395.0
4	0.00522	452.7
5	0.00811	484.3
6	0.01160	507.9
7	0.01560	529.1
8	0.02030	553.4
9	0.02550	576.9
10	0.03130	584.6
11	0.03770	595.5
12	0.04460	590.1
13	0.05210	596.0
14	0.06030	594.1
15	0.06460	581.7
16	0.07140	568.6
17	0.07350	567.6

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	500	Øy=	0.002697	ψy=	0.00128
M max (KN.m)=	596	Ømax=	0.0735	ψmax=	0.0349125
Mmax/My=	1.192	Ømax/Øy=	27.25	ψmax/ψy=	27.253

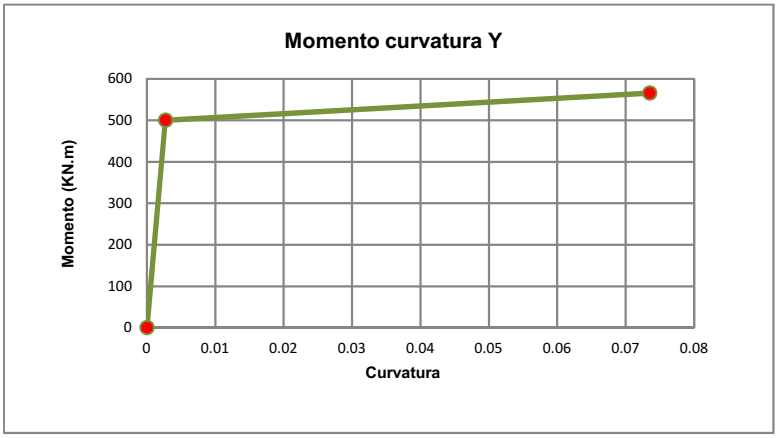
MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	3600	Øy=	0.00103	ψy=	0.00142
M max (KN.m)=	4204	Ømax=	0.0236	ψmax=	0.03245
Mmax/My=	1.168	Ømax/Øy=	22.91	ψmax/ψy=	22.913



MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	500	Øy=	0.00270	ψy=	0.00128
M max (KN.m)=	566	Ømax=	0.0735	ψmax=	0.0349125
Mmax/My=	1.132	Ømax/Øy=	27.25	ψmax/ψy=	27.253



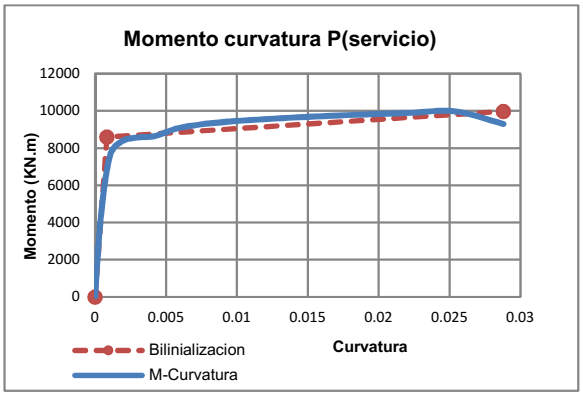
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M30

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp Y (m)	Condicion de carga	P max(KN)
MUR-M30	Piso 1	2.049	Serv Mayorada	2270.14
			Sismo	3488.35

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M30			
Pu (KN)=	2270.14	f`c(KN/m2)=	28000
Lp(m)=	2.049	fy(KN/m2)=	420000

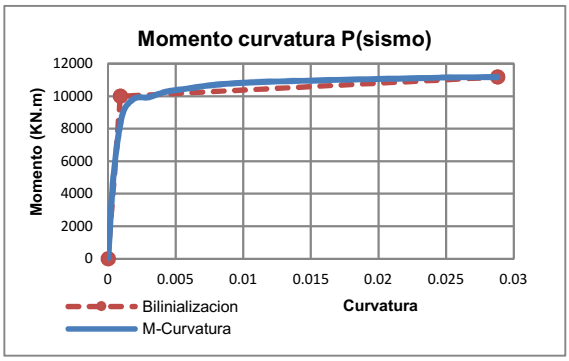


Curva 0°		
Punto	Curvature	Momento
1	0.00000	4.4
2	0.00043	4446.4
3	0.00107	7636.9
4	0.00192	8375.8
5	0.00298	8569.1
6	0.00426	8659.3
7	0.00575	9052.2
8	0.00746	9272.9
9	0.00938	9422.8
10	0.01150	9533.0
11	0.01380	9635.8
12	0.01640	9728.8
13	0.01920	9813.8
14	0.02220	9892.3
15	0.02540	9978.2
16	0.02880	9298.4

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8600	Øy=	0.000825	ψy=	0.00169
M max (KN.m)=	9978	Ømax=	0.0288	ψmax=	0.0590112
Mmax/My=	1.160	Ømax/Øy=	34.90	ψmax/ψy=	34.901

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M30			
Pu (KN)=	3488.4	f`c(KN/m2)=	28000
Lp(m)=	2.049	fy(KN/m2)=	420000

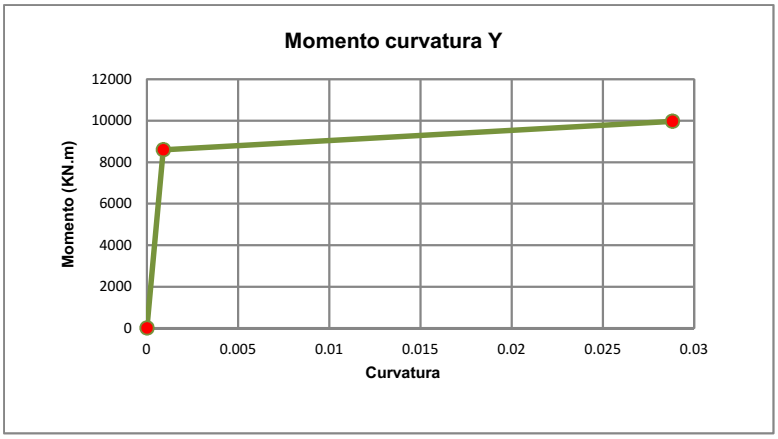


Curva 0°		
Punto	Curvature	Momento
1	0.00000	6.8
2	0.00043	5307.9
3	0.00107	8876.6
4	0.00192	9845.3
5	0.00298	9937.0
6	0.00426	10270.0
7	0.00575	10455.0
8	0.00746	10661.0
9	0.00938	10801.0
10	0.01150	10883.0
11	0.01380	10936.0
12	0.01640	10993.0
13	0.01920	11047.0
14	0.02220	11097.0
15	0.02540	11156.0
16	0.02880	11173.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	10000	Øy=	0.000898	ψy=	0.00184
M max (KN.m)=	11173	Ømax=	0.0288	ψmax=	0.0590112
Mmax/My=	1.117	Ømax/Øy=	32.06	ψmax/ψy=	32.061

MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	8600	Øy=	0.00090	ψy=	0.00184
M max (KN.m)=	9978	Ømax=	0.0288	ψmax=	0.0590112
Mmax/My=	1.160	Ømax/Øy=	32.06	ψmax/ψy=	32.061



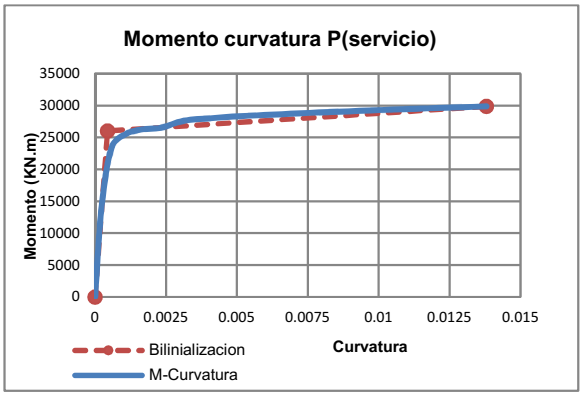
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M31

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp Y (m)	Condicion de carga	P max(KN)
MUR-M31	Piso 1	3.734	Serv Mayorada	4136.84
			Sismo	5118.40

MOMENTO CURVATURA EN DIRECCION DE "Y" CON CARGA MAXIMA DE SERVICIO

MUR-M31			
Pu (KN)=	4136.84	f`c(KN/m2)=	28000
Lp(m)=	3.734	fy(KN/m2)=	420000

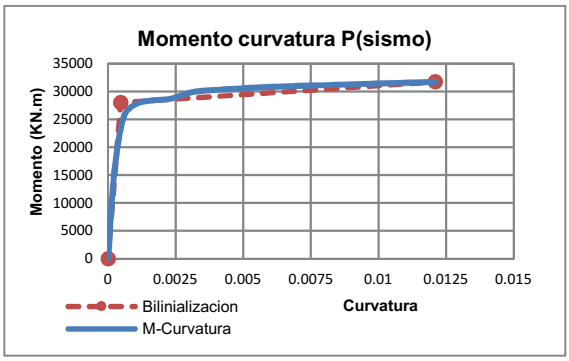


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00023	14238.0
3	0.00058	23393.0
4	0.00105	25459.0
5	0.00163	26255.0
6	0.00232	26528.0
7	0.00314	27632.0
8	0.00407	28012.0
9	0.00511	28339.0
10	0.00628	28579.0
11	0.00755	28863.0
12	0.00895	29100.0
13	0.01050	29376.0
14	0.01210	29627.0
15	0.01380	29872.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	26000	Øy=	0.000443	ψy=	0.00165
M max (KN.m)=	29872	Ømax=	0.0138	ψmax=	0.0515292
Mmax/My=	1.149	Ømax/Øy=	31.14	ψmax/ψy=	31.137

MOMENTO CURVATURA DIRECCION DE "Y" CON CARGA MAXIMA DE SISMO

MUR-M31			
Pu (KN)=	5118.4	f`c(KN/m2)=	28000
Lp(m)=	3.734	fy(KN/m2)=	420000

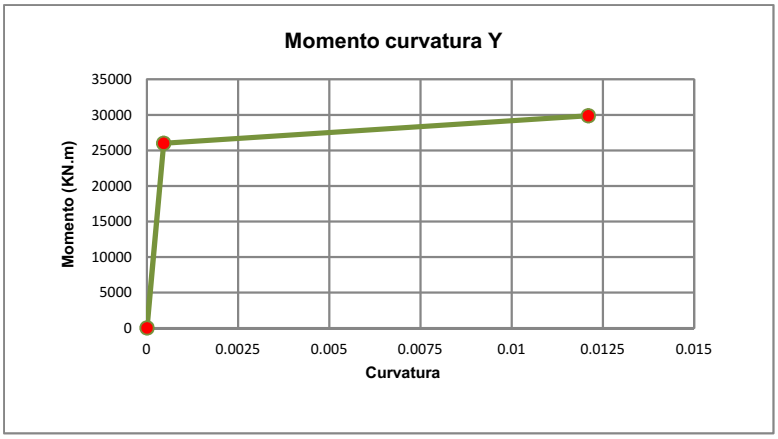


Curva 0°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00023	15662.0
3	0.00058	25458.0
4	0.00105	27788.0
5	0.00163	28413.0
6	0.00232	28734.0
7	0.00314	29915.0
8	0.00407	30323.0
9	0.00511	30631.0
10	0.00628	30878.0
11	0.00755	31083.0
12	0.00895	31304.0
13	0.01050	31512.0
14	0.01210	31725.0

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	28000	Øy=	0.000461	ψy=	0.00172
M max (KN.m)=	31725	Ømax=	0.0121	ψmax=	0.0451814
Mmax/My=	1.133	Ømax/Øy=	26.24	ψmax/ψy=	26.236

MOMENTO CURVATURA EN DIRECCION DE "Y"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	26000	Øy=	0.00046	ψy=	0.00172
M max (KN.m)=	29872	Ømax=	0.0121	ψmax=	0.0451814
Mmax/My=	1.149	Ømax/Øy=	26.24	ψmax/ψy=	26.236



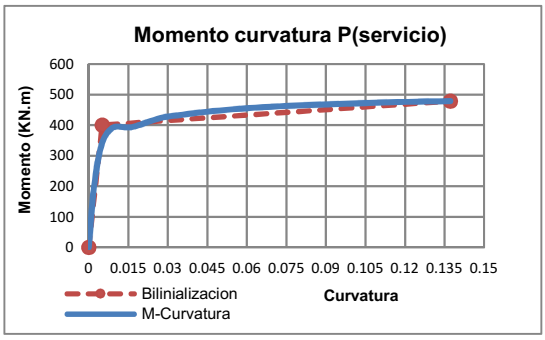
DIAGRAMAS MOMENTO CURVATURA MURO MUR-M32

Principales fuerzas de cargas gravitacionales y sismo del muro

SOLICITACIONES DE CARGAS DEL ETABS				
MURO	Piso	Lp X (m)	Condicion de carga	P max(KN)
MUR-M32	Piso 1	0.45	Serv Mayorada	414.27
			Sismo	700.93

MOMENTO CURVATURA EN DIRECCION DE "X" CON CARGA MAXIMA DE SERVICIO

MUR-M32			
Pu (KN)=	414.3	f`c(KN/m2)=	28000
Lp(m)=	0.45	fy(KN/m2)=	420000

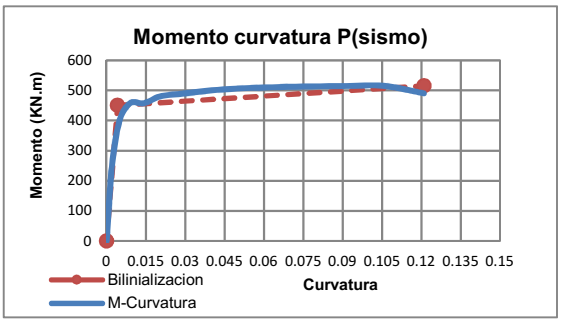


Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00203	198.9
3	0.00508	341.5
4	0.00915	391.8
5	0.01420	392.8
6	0.01730	395.7
7	0.02740	423.6
8	0.03560	434.2
9	0.04470	443.9
10	0.05490	452.2
11	0.06610	458.9
12	0.07830	464.1
13	0.09150	468.6
14	0.10570	472.7
15	0.12100	476.3
16	0.13720	478.9

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	400	Øy=	0.005080	ψy=	0.00229
M max (KN.m)=	479	Ømax=	0.13720	ψmax=	0.06174
Mmax/My=	1.197	Ømax/Øy=	27.01	ψmax/ψy=	27.008

MOMENTO CURVATURA DIRECCION DE "X" CON CARGA MAXIMA DE SISMO

MUR-M32			
Pu (KN)=	700.9	f`c(KN/m2)=	28000
Lp(m)=	0.45	fy(KN/m2)=	420000



Curva 90°		
Punto	Curvature	Momento
1	0.00000	0.0
2	0.00203	246.2
3	0.00508	403.3
4	0.00915	458.7
5	0.01420	457.2
6	0.02030	480.0
7	0.02740	488.0
8	0.03560	496.3
9	0.04470	503.6
10	0.05490	508.3
11	0.06610	511.3
12	0.07830	513.4
13	0.09150	514.7
14	0.10570	515.1
15	0.12100	490.2

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	450	Øy=	0.004212	ψy=	0.00190
M max (KN.m)=	515	Ømax=	0.12100	ψmax=	0.05445
Mmax/My=	1.145	Ømax/Øy=	28.73	ψmax/ψy=	28.727

MOMENTO CURVATURA EN DIRECCION DE "X"

MOMENTO		CURVATURA		ROTACION	
Mmin (KN.m)=	0	Ømin=	0	ψmin=	0
My (KN.m)=	400	Øy=	0.00421	ψy=	0.00190
M max (KN.m)=	479	Ømax=	0.1210	ψmax=	0.05445
Mmax/My=	1.197	Ømax/Øy=	28.73	ψmax/ψy=	28.727