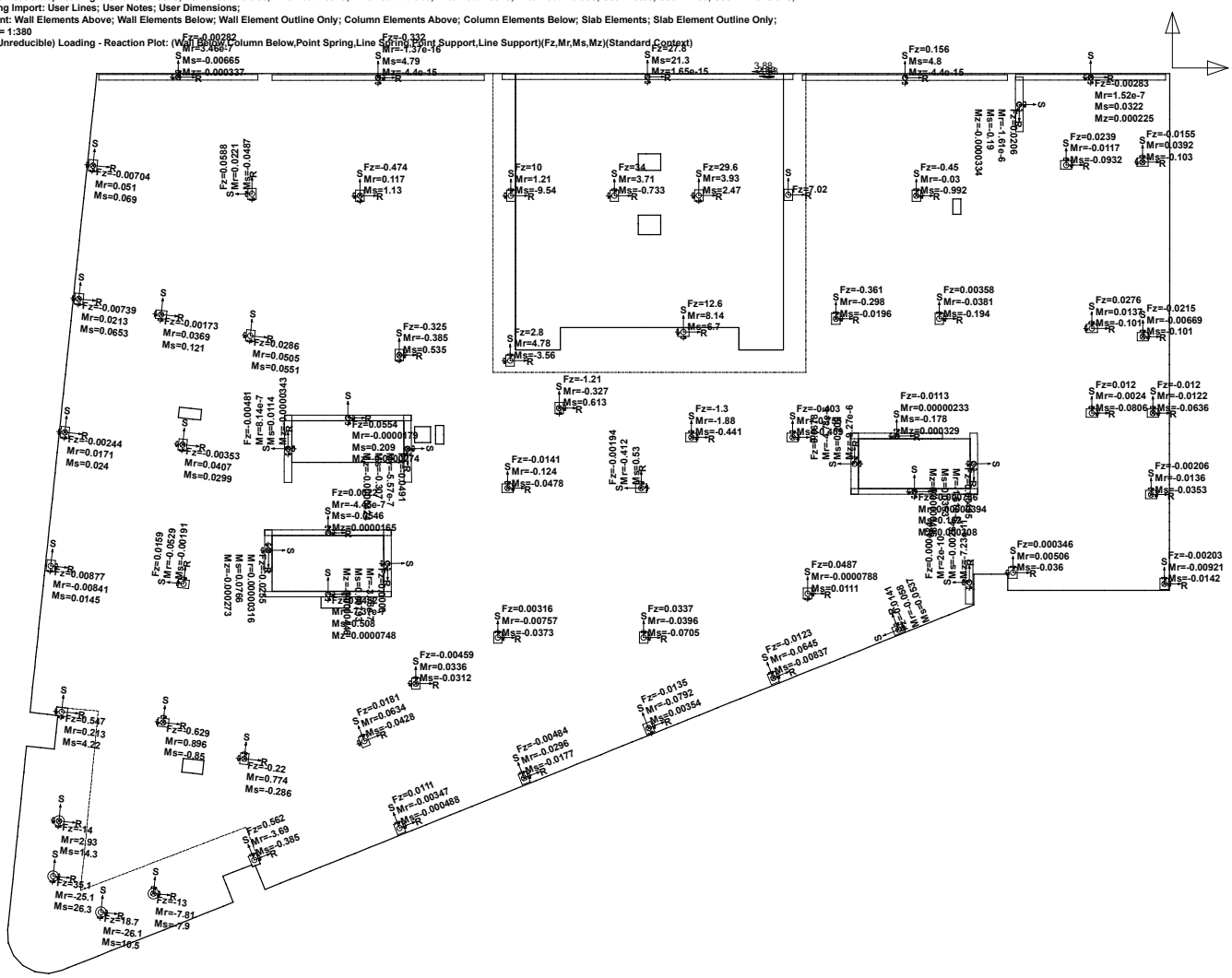
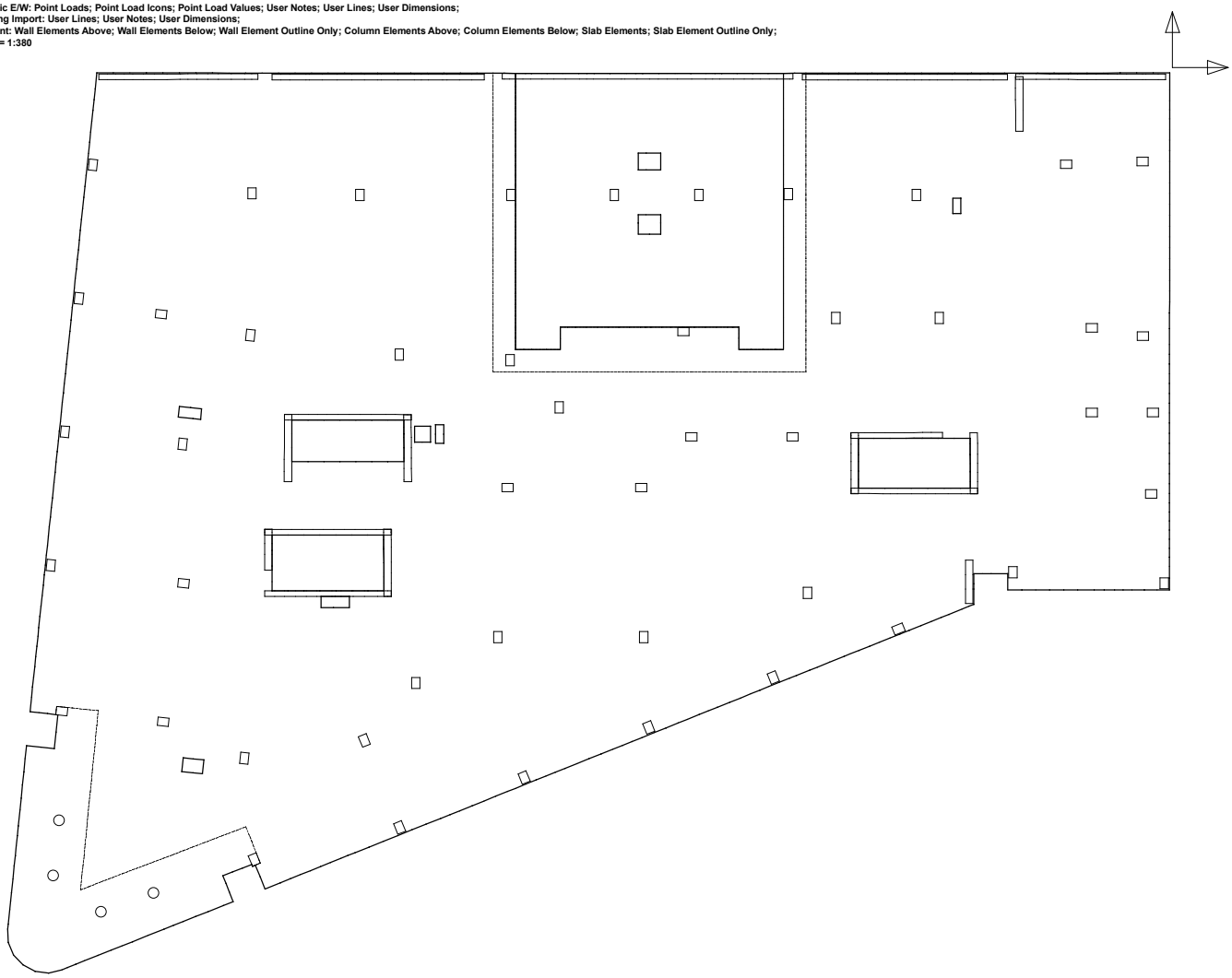
Live (Unreducible) Loading: Std Reactions Plan

Live (Unreducible) Loading: Point Load Icons; Point Load Values; Line Load Icons; Line Load Values; Area Load Icons; Area Load Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Live (Unreducible) Loading - Reaction Plot: (Wall Below,Column Below,Point Spring,Line Spring,Point Support,Line Support)(Fz,Mr,Ms,Mz)(Standard Context)



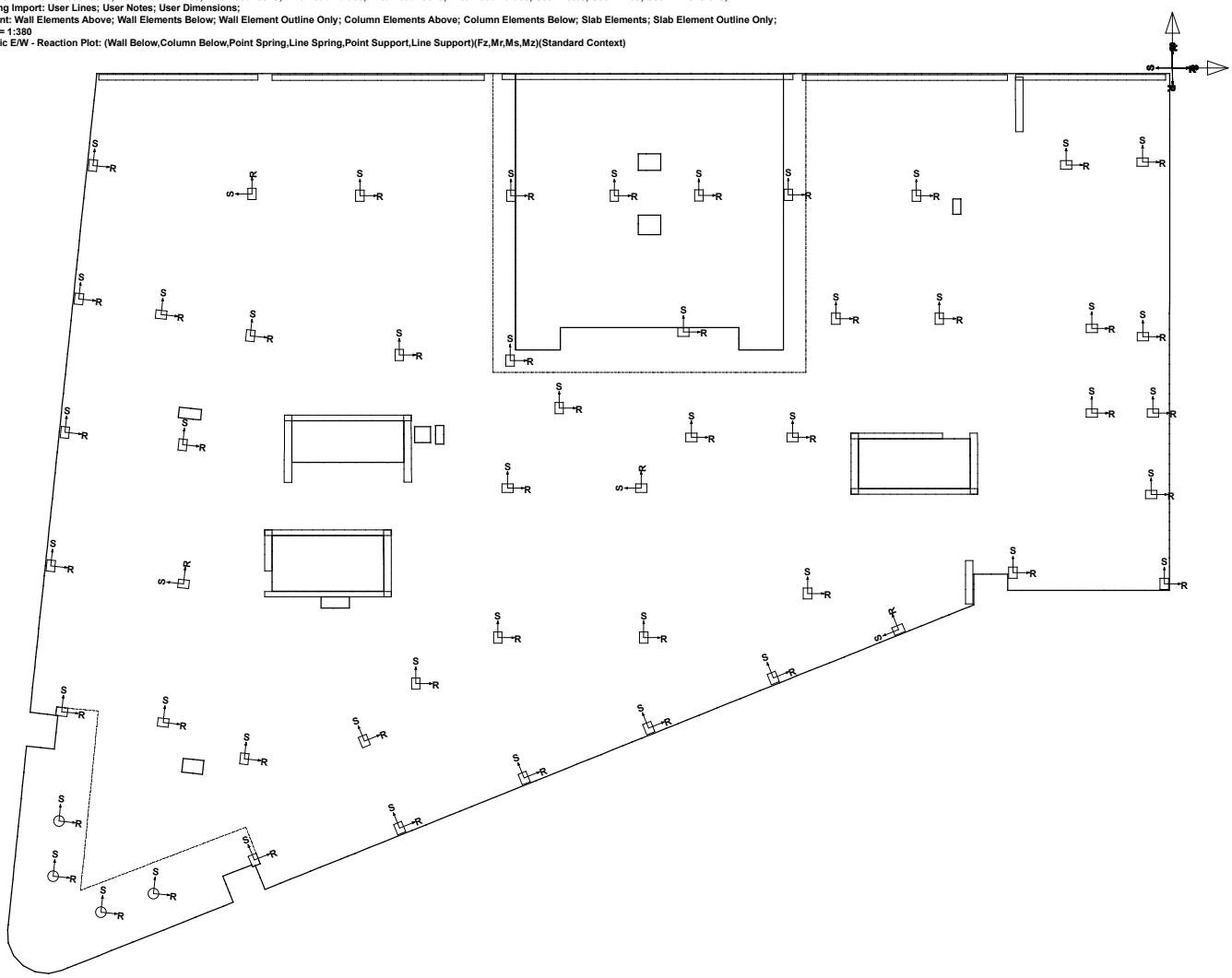
Seismic E/W: Point Loads Plan

Seismic E/W: Point Loads; Point Load Icons; Point Load Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380



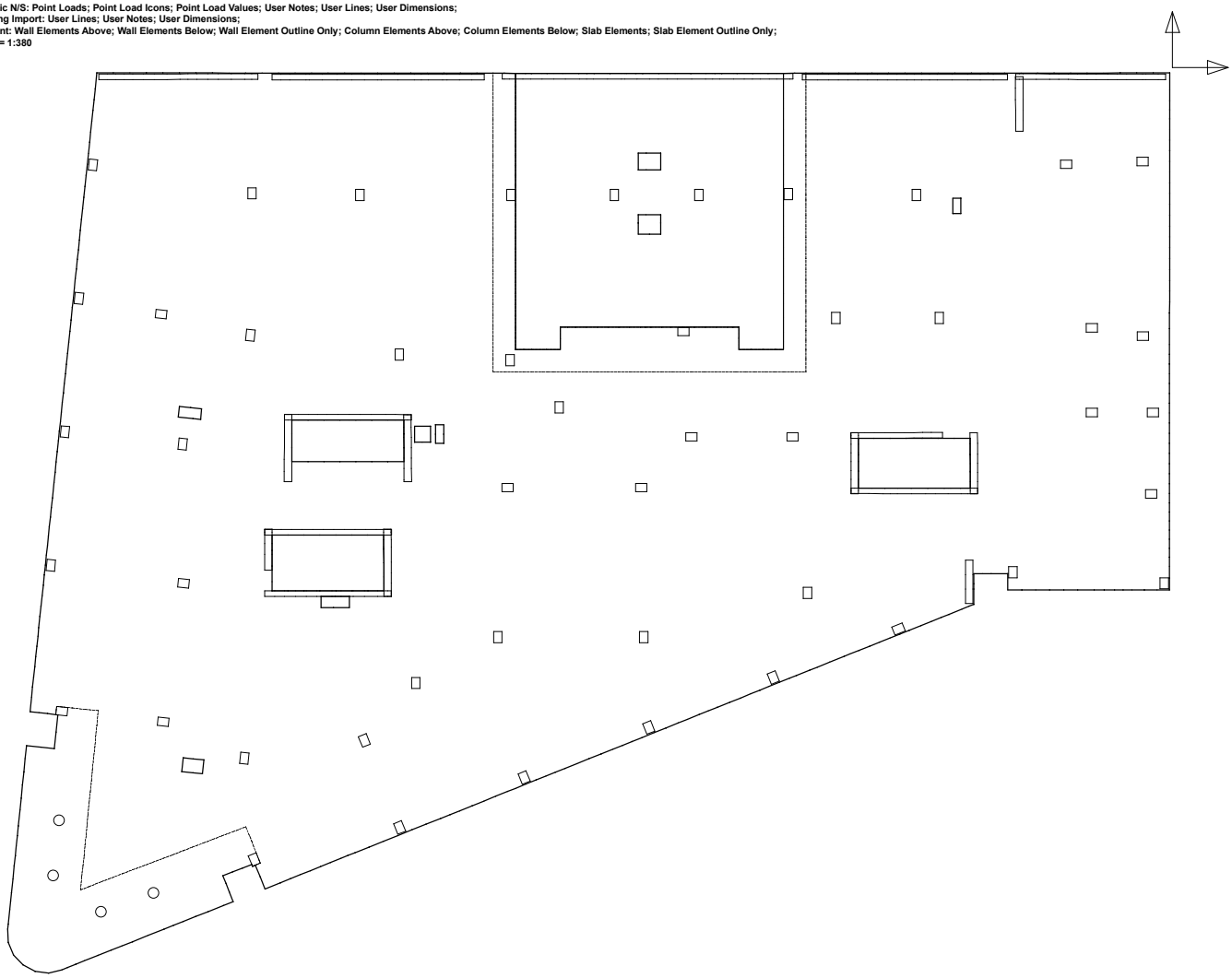
Seismic E/W: Std Reactions Plan

Seismic E/W: Point Load Icons; Point Load Values; Line Load Icons; Line Load Values; Area Load Icons; Area Load Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Seismic E/W - Reaction Plot: (Wall Below,Column Below,Point Spring,Line Spring,Point Support,Line Support)(Fz,Mr,Ms,Mz)(Standard Context)



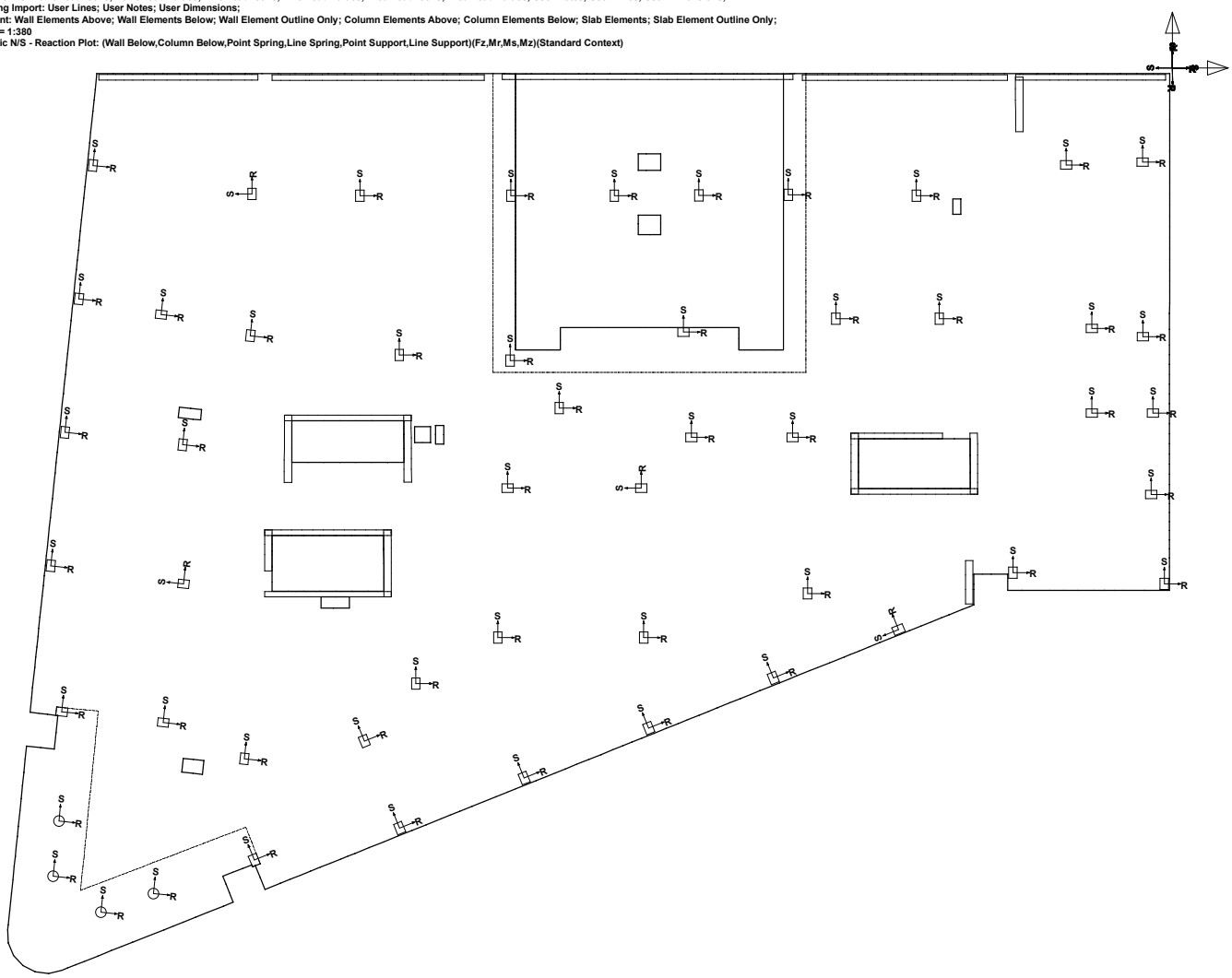
Seismic N/S: Point Loads Plan

Seismic N/S: Point Loads; Point Load Icons; Point Load Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380



Seismic N/S: Std Reactions Plan

Seismic N/S: Point Load Icons; Point Load Values; Line Load Icons; Line Load Values; Area Load Icons; Area Load Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Seismic N/S - Reaction Plot: (Wall Below,Column Below,Point Spring,Line Spring,Point Support,Line Support)(Fz,Mr,Ms,Mz)(Standard Context)

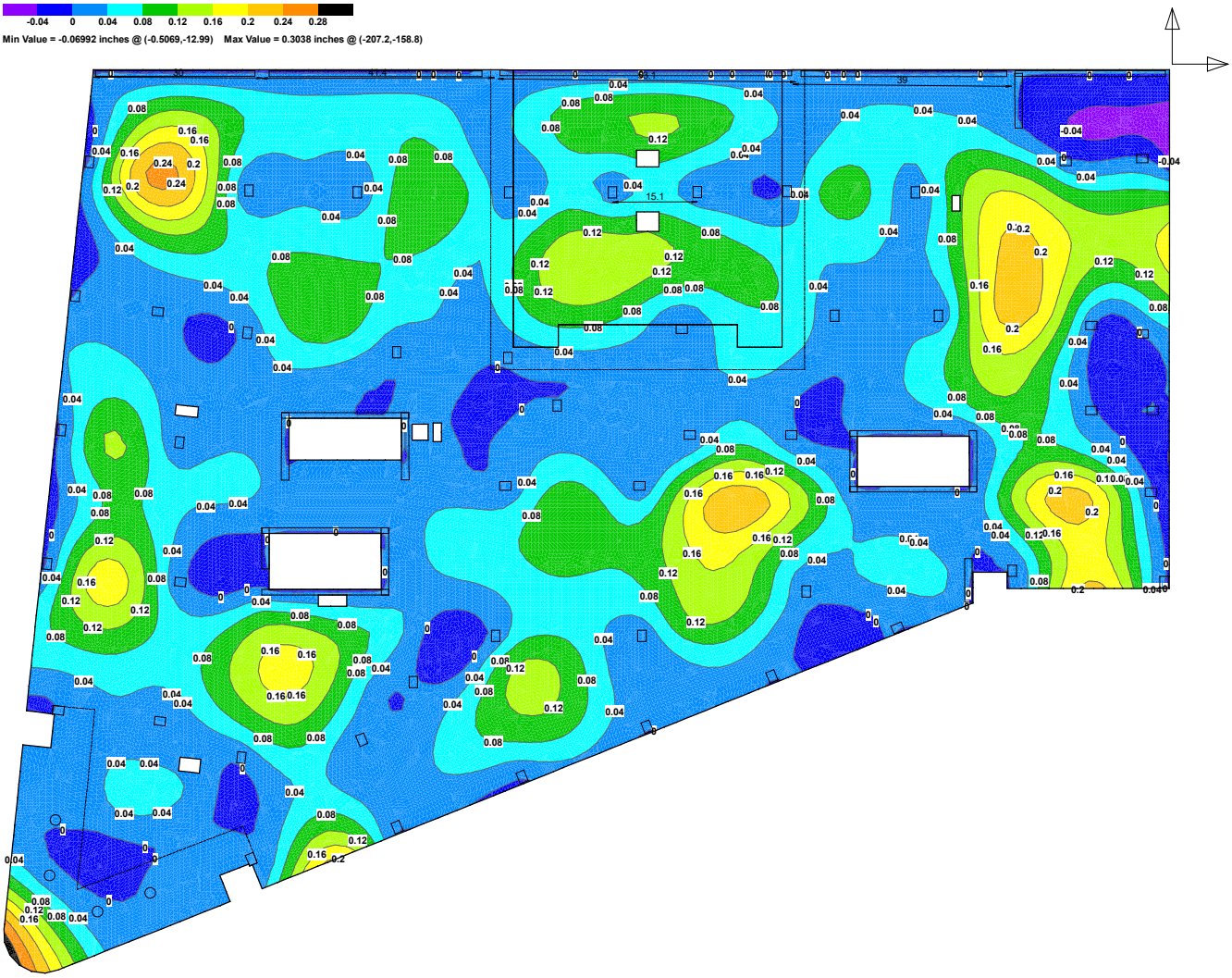


Service LC: D + L: Max Deflection Plan

Service LC: D + L: User Lines; User Notes; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Service LC: D + L - Vertical Deflection Plot (Maximum Values)

-0.04 0 0.04 0.08 0.12 0.16 0.2 0.24 0.28

Min Value = -0.06992 inches @ (-0.5069,-12.99) Max Value = 0.3038 inches @ (-207.2,-158.8)

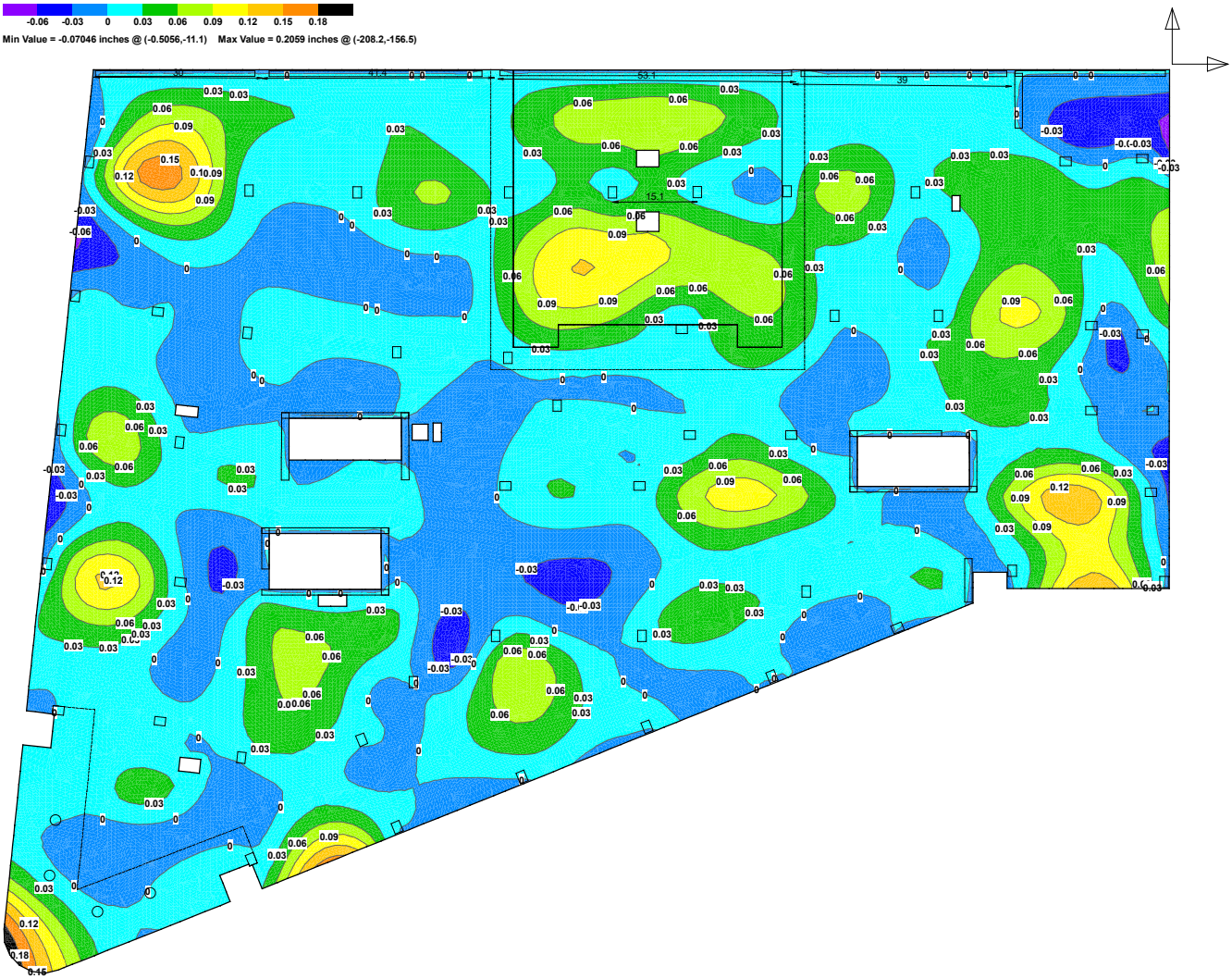


Service LC: D + L: Min Deflection Plan

Service LC: D + L: User Lines; User Notes; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Service LC: D + L - Vertical Deflection Plot (Minimum Values)

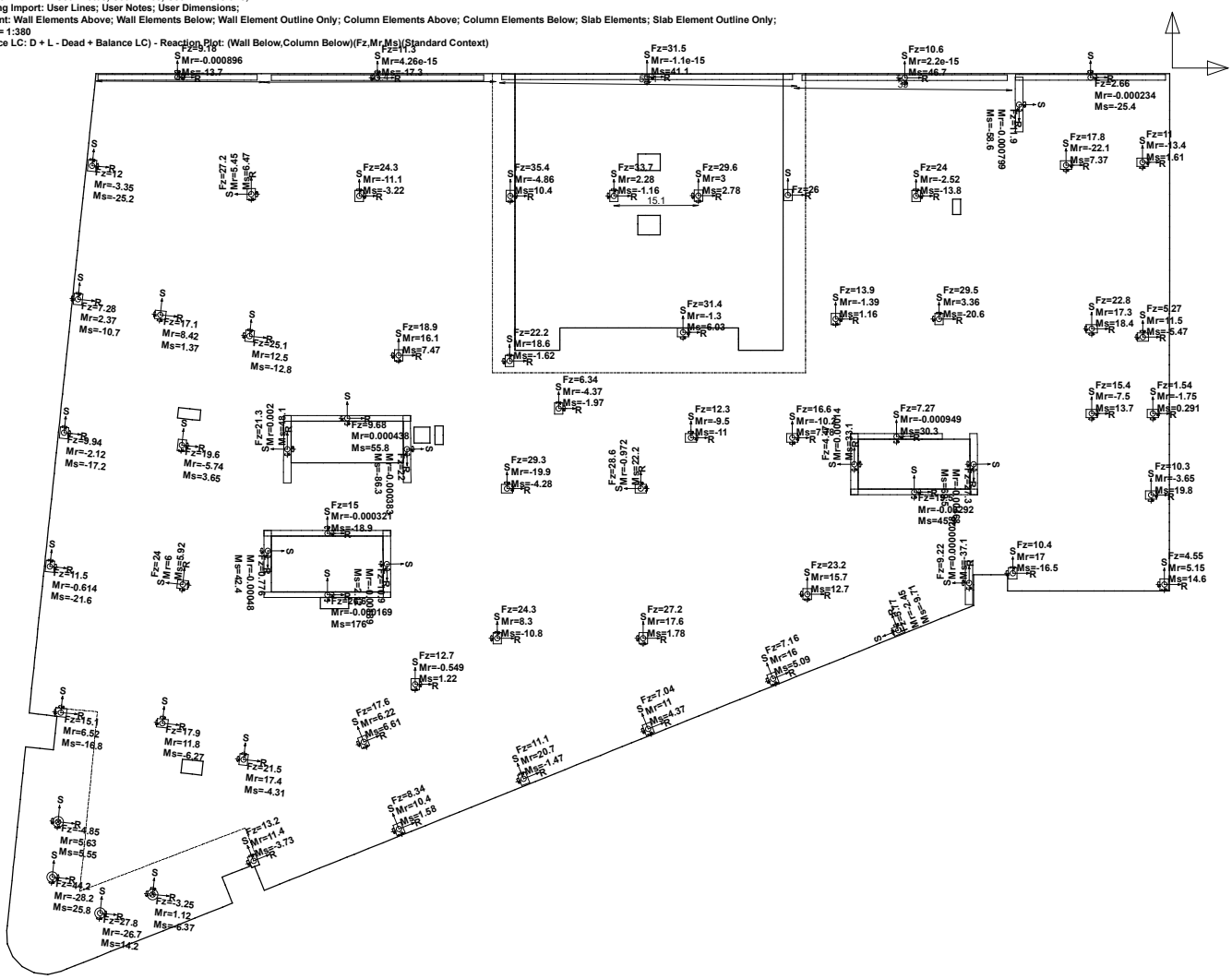
-0.06 -0.03 0 0.03 0.06 0.09 0.12 0.15 0.18

Min Value = -0.07046 inches @ (-0.5056,-11.1) Max Value = 0.2059 inches @ (-208.2,-156.5)



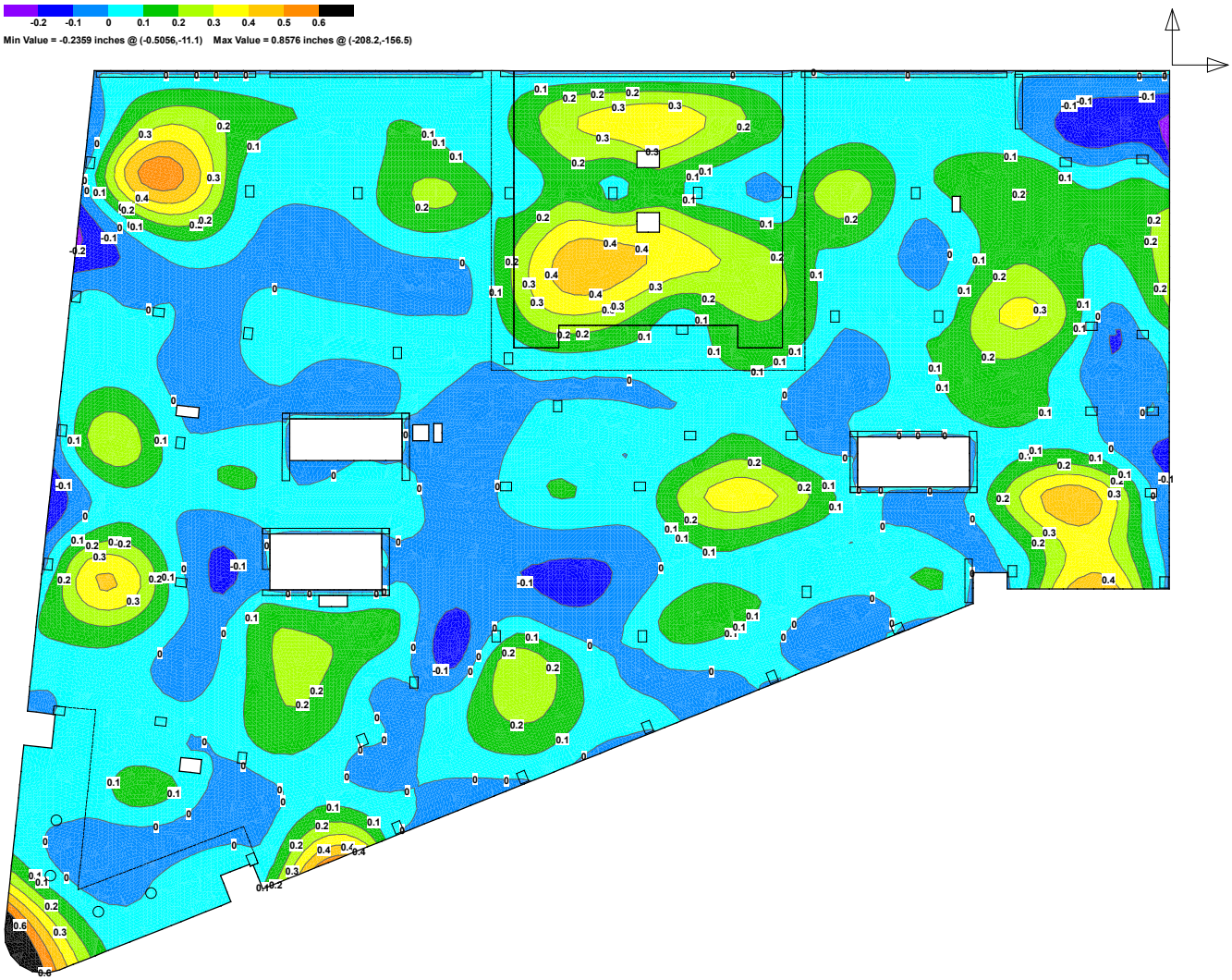
Service LC: D + L: Reaction Plan

Service LC: D + L: User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380
(Service LC: D + L - Dead + Balance LC) - Reaction Plot: (Wall Below,Column Below)(Fz,Mr,Ms)(Standard Context)



Long Term deflection: Max Deflection Plan

Long Term deflection: User Lines; User Notes; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Long Term deflection - Vertical Deflection Plot (Maximum Values)



Min Value = -0.2359 inches @ (-0.5056,-11.1) Max Value = 0.8576 inches @ (-208.2,-156.5)

Design Strip: Latitude SSs Table

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
1-1	latitude	(-207.2,-144.6)(-200.1,-144.6)	0	false	true	3.087
2-1	latitude	(-206,-133.9)(-199.1,-133.9)	0.427	false	true	0
3-1	latitude	(-203.9,-114.5)(-199.6,-114.5)	0	false	true	0
4-1	latitude	(-208.4,-158)(-191.6,-152.2)	22.46	false	true	23.41
4-2	latitude	(-191.6,-151)(-182.2,-147.7)	19.51	true	true	21.1
4-3	latitude	(-182.2,-147.7)(-164.4,-141.4)	18.34	true	true	21.03
4-4	latitude	(-164.4,-141.7)(-138.2,-136)	0	true	true	22.97
4-5	latitude	(-138.2,-136)(-115.9,-127)	0	true	true	18.16
4-6	latitude	(-115.9,-127)(-93.65,-118.1)	0	true	true	18.16
4-7	latitude	(-93.65,-118.1)(-71.38,-109.1)	0	true	true	18.16
4-8	latitude	(-71.38,-109.1)(-49.11,-100.2)	0	true	true	18.16
4-9	latitude	(-49.11,-100.2)(-36.21,-95.17)	0	true	true	24.16
5-1	latitude	(-198.6,-115.2)(-180.5,-117.1)	0	true	true	24.16
5-2	latitude	(-180.5,-117.1)(-166,-123.6)	24.61	true	true	25.41
5-3	latitude	(-166,-123.6)(-144.5,-120.4)	8.448	true	true	18.75
5-4	latitude	(-144.5,-120.4)(-135.3,-110.1)	25.67	true	true	20.22
5-5	latitude	(-135.3,-110.1)(-120.6,-101.9)	30.23	true	true	20.78
5-6	latitude	(-120.6,-101.9)(-94.55,-101.9)	0.009e-6	true	true	18.16
5-7	latitude	(-94.55,-101.9)(-65.26,-94)	15.11	true	true	18.8
5-8	latitude	(-65.26,-94)(-36.27,-89.19)	0	true	true	18.4
5-9	latitude	(-36.27,-89.19)(-28.53,-90.28)	0	true	true	14.77
5-10	latitude	(-28.53,-90.28)(-1.302,-92.45)	0	true	true	18.21
6-1	latitude	(-200.8,-89.04)(-176.8,-92.28)	26.24	true	true	24.84
6-2	latitude	(-176.8,-92.28)(-161.7,-94.39)	24.39	true	true	24.16
7-1	latitude	(-195.5,-41.31)(-180.7,-44.59)	24.52	true	true	18.27
7-2	latitude	(-180.7,-44.59)(-164.9,-47.89)	17.83	true	true	18.49
7-3	latitude	(-164.9,-47.89)(-138.3,-51.35)	5.145	true	true	18.17
7-4	latitude	(-138.3,-51.35)(-118.4,-52.35)	0	true	true	18.18
7-5	latitude	(-118.4,-52.35)(-87.45,-47.25)	0	true	true	18.4
7-6	latitude	(-87.45,-47.25)(-60.2,-44.83)	6	true	true	24.25
7-7	latitude	(-60.2,-44.83)(-41.7,-44.83)	0	true	true	18.16
7-8	latitude	(-41.7,-44.83)(-14.45,-46.58)	6	true	true	18.19
7-9	latitude	(-14.45,-46.58)(-5.313,-47.92)	8.204	true	true	24.41
7-10	latitude	(-5.313,-47.92)(-0.7549,-47.92)	0	true	false	24.17
8-1	latitude	(-198,-65.18)(-177,-67.39)	10	true	true	18.16
8-2	latitude	(-177,-67.39)(-158.2,-73.79)	17.91	true	true	18.55
9-1	latitude	(-193,-17.44)(-164.2,-22.76)	0	true	true	18.21
9-2	latitude	(-164.2,-22.76)(-145.3,-22.83)	0	true	true	9.142
9-3	latitude	(-145.3,-22.83)(-121.5,-22.85)	0	true	false	18.16
10-1	latitude	(-140.2,-94.08)(-120.6,-101.9)	20.79	true	true	14.97
11-1	latitude	(-136.6,-73.6)(-118.9,-75.16)	5	true	true	13.58
11-2	latitude	(-118.9,-75.16)(-94.99,-75.16)	0	true	true	24.16
11-3	latitude	(-94.99,-75.16)(-56.84,-75.28)	0	true	true	24.16
12-1	latitude	(-136.7,-62.49)(-109.7,-60.83)	3.56	true	true	13.4
12-2	latitude	(-109.7,-60.83)(-86.02,-67.52)	16.53	true	true	18.6
12-3	latitude	(-86.02,-66.08)(-67.92,-56.09)	0.009e-6	true	true	24.16

Design Strip: Latitude SSs Table (2)

t Width 1	Support Width 2 inches	Support Trans. Width 1 inches	Support Trans. Width 2 inches	Auto-Support	Min Divisions	Max Division Spacing feet
	21.28	0	21.12	true	4	2.5
	20.95	0	20.79	true	4	2.5
	0	0	0	true	4	2.5
	21.28	0	21.12	true	4	2.5
	21.1	20.94	20.94	true	4	2.5
	13.69	20.87	24.05	true	4	2.5
	18.41	24.34	24.34	true	4	2.5
	18.16	24	24	true	4	2.5
	18.16	24	24	true	4	2.5
	18.16	24	24	true	4	2.5
	24.15	24	18	true	4	2.5
	20.49	18	35.28	true	4	2.5
	24.16	18	18	true	4	2.5
	19.1	18.94	25.26	true	4	2.5
	18.67	24.78	24.68	true	4	2.5
	27.17	26.75	24.14	true	4	2.5
	20.78	27.5	27.5	true	4	2.5
	18.16	24	24	true	4	2.5
	18.8	24.86	24.86	true	4	2.5
	17.92	24.33	57.18	true	4	2.5
	18.33	75.88	24.24	true	4	2.5
	22.23	24.08	24.08	true	4	2.5
	24.17	24.01	18	true	4	2.5
	16.08	18.01	12.09	true	4	2.5
	30.1	24.15	18.11	true	4	2.5
	18.25	18.09	24.12	true	4	2.5
	18.31	24	24.2	true	4	2.5
	18.18	24.03	24.03	true	4	2.5
	24.48	24.32	18.24	true	4	2.5
	18.23	18.07	24.09	true	4	2.5
	18.16	24	24	true	4	2.5
	24.21	24.05	18.04	true	4	2.5
	24.41	18.19	18.19	true	4	2.5
	0	18.01	0	true	4	2.5
	18.16	24	24	true	4	2.5
	16.66	24.53	34.68	true	4	2.5
	27.63	24.07	24.41	true	4	2.5
	18.16	24	24	true	4	2.5
	0	24	0	true	4	2.5
	19.54	25.27	25.84	true	4	2.5
	24.25	77.59	18.07	true	4	2.5
	24.16	18	18	true	4	2.5
	16.17	18	130.9	true	4	2.5
	18.19	118	24.05	true	4	2.5
	24.74	24.58	18.44	true	4	2.5
	24.16	18	18	true	4	2.5

Design Strip: Latitude SSs Table (3)

n Spacing	Design For Axial	Environment	Design As PT	Maximize Integrated V	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	true	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0

Design Strip: Latitude SSs Table (4)

Spec. Infl. Area ft²	Max LLR %	Span Width	Col Strip Width	Lock Strips	Design CS for CS	-CS Auto Trim	CS Section Slope
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	manual	manual	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25

Design Strip: Latitude SSs Table (5)

Section Slope Strip	CS Top Bar	CS Bot Bar	CS Shear Bar	CS Top Cover inches	CS Bot Cover inches	CS Shear d calc	CS Torsion Design	CS System
	#5	#4	#4	1.5	0.75	Maximize Effective Depth	none	two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth	none	two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab

Design Strip: Latitude SSs Table (6)

CS Min. Bar Loc.	CS Min T.Bar	CS Min B.Bar	CS Shear Legs	MS Same As CS	MS Auto Trim	MS Section Slope	MS Top Bar	MS Bot Bar
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	4	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4

Design Strip: Latitude SSs Table (7)

S Bot Bar	MS Shear Bar	MS Top Cover inches	MS Bot Cover inches	MS Shear d calc	MS Torsion Design	MS System	MS Min. Bar Loc.	MS Min T.Bar	MS Min B.Bar
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0

Design Strip: Latitude SSs Table (8)

Min B.Bar	*MS Shear Legs*
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2

Design Strip: Latitude SSs Table (9)

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
12-4	latitude	(-67.92,-66.08)(-56.72,-65.52)	0	true	true	24.17
13-1	latitude	(-117.5,-22.85)(-99.8,-22.83)	0	true	true	0
13-2	latitude	(-99.8,-22.83)(-84.69,-22.81)	0.0167	true	true	18.16
13-3	latitude	(-84.69,-22.81)(-68.7,-22.67)	0	true	true	18.16
13-4	latitude	(-68.7,-22.67)(-65.54,-22.69)	0	true	false	18.16
13-4(2)	latitude	(-65.54,-22.69)(-45.8,-22.83)	0	false	true	0
13-5	latitude	(-45.8,-22.83)(-19.02,-17.34)	1.148	true	true	18.53
13-6	latitude	(-19.02,-17.34)(-5.366,-16.83)	1.831	true	true	24.17
13-7	latitude	(-5.366,-16.83)(-0.7621,-16.76)	0	true	false	24.22
14-1	latitude	(-35.54,-65.89)(-14.45,-61.73)	0	true	true	16.35
14-2	latitude	(-14.45,-61.73)(-3.5,-61.73)	0	true	true	24.16
14-3	latitude	(-3.5,-61.73)(-0.8442,-61.81)	0	true	false	24.17
15-1	latitude	(-35.53,-75.78)(-3.5,-76.3)	1.218	true	true	17.16
15-2	latitude	(-3.5,-76.3)(-0.9865,-76.2)	2.165	true	false	16.03

Design Strip: Latitude SSs Table (10)

t Width 1	Support Width 2 inches	Support Trans. Width 1 inches	Support Trans. Width 2 inches	Auto-Support	Min Divisions	Max Division Spacing feet
	19.15	18.01	131	true	4	2.5
	18.16	0	24	true	4	2.5
	18.16	24	24	true	4	2.5
	18.16	24	24	true	4	2.5
	0	24	0	true	4	2.5
	18.16	0	24	true	4	2.5
	24.66	24.5	18.37	true	4	2.5
	24.12	18.01	18.01	true	4	2.5
	0	18	0	true	4	2.5
	24.62	48.78	18.35	true	4	2.5
	24.16	18	18	true	4	2.5
	0	18.01	0	true	4	2.5
	32.29	131	18	true	4	2.5
	0	18	0	true	4	2.5

Design Strip: Latitude SSs Table (11)

n Spacing	Design For Axial	Environment	Design As PT	Maximize Integrated V	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	true	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0

Design Strip: Latitude SSs Table (12)

Spec. Infl. Area ft²	*Max LLR %*	*Span Width*	*Col Strip Width*	*Lock Strips*	*Design CS for CS*	*-CS Auto Trim*	*CS Section Slope*
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	manual	manual	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	manual	manual	false	false	none	0.25
0	40	manual	manual	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25

Design Strip: Latitude SSs Table (13)

Section Slope Simp	CS Top Bar	CS Bot Bar	CS Shear Bar	CS Top Cover inches	CS Bot Cover inches	CS Shear d calc	CS Torsion Design	CS System
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1.5	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1.5	1	All Tension Reinforcement	none	two-way slab
	#4	#4	#4	1.5	1	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab

Design Strip: Latitude SSs Table (14)

CS Min. Bar Loc.	CS Min T.Bar	CS Min B.Bar	CS Shear Legs	MS Same As CS	MS Auto Trim	MS Section Slope	MS Top Bar	MS Bot Bar
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4

Design Strip: Latitude SSs Table (15)

S Bot Bar	MS Shear Bar	MS Top Cover inches	MS Bot Cover inches	MS Shear d calc	MS Torsion Design	MS System	MS Min. Bar Loc.	MS Min T.Bar	MS Min B.Bar
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0

Design Strip: Latitude SSs Table (16)

Min B.Bar	MS Shear Legs
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2

Design Strip: Longitude SSs Table

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
16-1	longitude	(-201.7,-162)(-200.1,-144.6)	5.081	false	true	6.268
16-2	longitude	(-200.1,-144.6)(-199.1,-134.7)	-1.342	true	true	20.96
16-3	longitude	(-199.1,-134.7)(-198.6,-115.2)	-1.452	true	true	21.17
16-4	longitude	(-198.6,-115.2)(-200.6,-89.05)	-8.266	true	true	18.45
16-5	longitude	(-200.6,-89.05)(-198,-65.18)	5.18	true	true	24.16
16-6	longitude	(-198,-65.18)(-195.5,-41.31)	5.31	true	true	24.16
16-7	longitude	(-195.5,-41.31)(-193,-17.44)	5.44	true	true	24.16
16-8	longitude	(-193,-17.44)(-191.7,-2.507)	5.078	true	true	24.16
17-1	longitude	(-195.3,-159.9)(-191.6,-125.6)	-15.66	false	true	0
17-2	longitude	(-191.6,-151)(-180.5,-117.1)	18.19	true	true	21.03
17-3	longitude	(-180.5,-117.1)(-176.8,-92.28)	-9.228	true	true	18.17
17-4	longitude	(-176.8,-92.28)(-177,-67.39)	0.399	true	true	18.27
17-5	longitude	(-177,-67.39)(-164.9,-47.89)	23.92	true	true	26.82
17-6	longitude	(-164.9,-47.89)(-164.6,-22.53)	-0.675	true	true	24.26
17-7	longitude	(-164.6,-22.53)(-164.9,-1.847)	-0.478	true	true	24.16
18-1	longitude	(-164.2,-141.7)(-166,-123.6)	-5.604	true	true	25.17
18-2	longitude	(-166,-123.6)(-161.6,-94.26)	8.362	true	true	24.17
19-1	longitude	(-148.6,-94.26)(-144.5,-120.4)	-6.874	true	true	9.262
19-2	longitude	(-144.5,-120.4)(-138.2,-23.69)	23.69	true	true	24.15
20-1	longitude	(-141.5,-1.583)(-145.3,-22.83)	-22.83	true	true	15.72
20-2	longitude	(-145.3,-22.83)(-138.3,-51.35)	-51.35	true	true	24.88
20-3	longitude	(-138.3,-51.35)(-136.9,-73.22)	-72.62	true	true	24.34
21-1	longitude	(-140.5,-83.22)(-136.7,-73.59)	73.59	true	true	15.62
22-1	longitude	(-140.5,-94.09)(-135.3,-110.1)	-17.09	true	true	13.76
22-2	longitude	(-135.3,-110.1)(-138.2,-136.3)	-6.368	true	true	24.31
23-1	longitude	(-118.6,-1.583)(-118.3,-22.85)	-22.85	true	true	11.77
23-2	longitude	(-118.3,-22.85)(-118.4,-52.35)	-52.358	true	true	23.66
23-3	longitude	(-118.4,-52.35)(-118.5,-54.47)	-54.47	true	false	24.16
23-3(2)	longitude	(-118.5,-54.47)(-118.9,-75.16)	-75.16	false	true	0
23-4	longitude	(-118.9,-75.16)(-120.6,-101.9)	-101.9	true	true	18.2
23-5	longitude	(-120.6,-101.9)(-115.9,-127.5)	-127.54	true	true	24.58
24-1	longitude	(-99.8,-1.583)(-99.8,-22.83)	22.83	true	true	11.77
24-2	longitude	(-99.8,-22.83)(-87.59,-46.44)	-46.44	true	true	27.17
25-1	longitude	(-94.99,-74.76)(-94.55,-101.9)	-101.91	true	true	27.64
25-2	longitude	(-94.55,-101.9)(-93.65,-128.1)	-128.1	true	true	24.19
26-1	longitude	(-87.45,-47.25)(-86.87,-54.61)	-54.61	true	false	18.21
26-1(2)	longitude	(-86.87,-54.61)(-86.02,-66.38)	-66.38	false	true	0
27-1	longitude	(-87.61,-46.44)(-84.69,-22.81)	-22.81	true	true	0
27-2	longitude	(-84.69,-22.81)(-84.68,-1.565)	-1.565	true	true	24.16
28-1	longitude	(-68.45,-1.609)(-68.7,-22.67)	-22.67	true	true	11.15
28-2	longitude	(-68.7,-22.67)(-60.2,-44.83)	-43.98	true	true	25.86
28-3	longitude	(-60.2,-44.83)(-56.64,-65.78)	-65.783	true	true	24.5
29-1	longitude	(-71.38,-109.1)(-65.26,-94)	-94.03	true	true	26.06
29-2	longitude	(-65.26,-94)(-67.92,-66.08)	-68.434	true	true	24.27
30-1	longitude	(-56.76,-75.73)(-49.11,-101.6)	-101.36	true	true	13.09
31-1	longitude	(-47.52,-1.583)(-45.8,-22.62)	-22.624	true	true	15.5

Design Strip: Longitude SSs Table (2)

t Width 1	Support Width 2 inches	Support Trans. Width 1 inches	Support Trans. Width 2 inches	Auto-Support	Min Divisions	Max Division Spacing feet
	20.99	0	20.83	true	4	2.5
	20.96	20.8	20.8	true	4	2.5
	18.21	21.02	24.07	true	4	2.5
	24.55	24.39	18.29	true	4	2.5
	24.16	18	18	true	4	2.5
	24.16	18	18	true	4	2.5
	24.16	18	18	true	4	2.5
	4.355	18	27.26	true	4	2.5
	21.26	0	21.1	true	4	2.5
	18.57	20.87	24.55	true	4	2.5
	18.17	24.02	24.02	true	4	2.5
	24.31	24.15	18.11	true	4	2.5
	26.82	20.01	20.01	true	4	2.5
	24.16	18.08	18	true	4	2.5
	0.1654	18	16.18	true	4	2.5
	24.65	18.76	18.38	true	4	2.5
	14.12	18.02	55.98	true	4	2.5
	24.78	76.73	18.47	true	4	2.5
	24.15	18	18	true	4	2.5
	24.55	67.4	18.29	true	4	2.5
	24.88	18.54	18.54	true	4	2.5
	12.76	18.14	56.07	true	4	2.5
	10.87	29.95	17.29	true	4	2.5
	25.38	31.43	18.92	true	4	2.5
	27.42	18.11	20.45	true	4	2.5
	24.66	542.7	18	true	4	2.5
	24.16	18	18	true	4	2.5
	0	18	0	true	4	2.5
	18.16	0	24	true	4	2.5
	24.21	24.05	18.04	true	4	2.5
	24.63	18.31	18.36	true	4	2.5
	24.16	624.1	18	true	4	2.5
	0	20.26	0	true	4	2.5
	24.16	24	18	true	4	2.5
	25.51	18.03	19.01	true	4	2.5
	0	24.07	0	true	4	2.5
	18.21	0	24.07	true	4	2.5
	24.34	0	18.14	true	4	2.5
	12.43	18	624.1	true	4	2.5
	24.16	554.9	18	true	4	2.5
	25.86	19.28	19.28	true	4	2.5
	11.16	18.26	43.11	true	4	2.5
	26.05	25.03	19.42	true	4	2.5
	18.24	18.08	24.11	true	4	2.5
	10.92	28.99	24.08	true	4	2.5
	24.24	148.8	18.06	true	4	2.5

Design Strip: Longitude SSs Table (3)

n Spacing	Design For Axial	Environment	Design As PT	Maximize Integrated V	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0

Design Strip: Longitude SSs Table (4)

Spec. Infl. Area ft²	Max LLR %	Span Width	Col Strip Width	Lock Strips	Design CS for CS	-CS Auto Trim	CS Section Slop
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	T or L	100
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25

Design Strip: Longitude SSs Table (5)

Section Slope Strip	CS Top Bar	CS Bot Bar	CS Shear Bar	CS Top Cover inches	CS Bot Cover inches	CS Shear d calc	CS Torsion Design	CS System
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#5	#4	1.5	0.75	Maximize Effective Depth		two-way slab
	#5	#4	#4	1.5	0.75	Maximize Effective Depth		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement		two-way slab

Design Strip: Longitude SSs Table (6)

CS Min. Bar Loc.	CS Min T.Bar	CS Min B.Bar	CS Shear Legs	MS Same As CS	MS Auto Trim	MS Section Slope	MS Top Bar	MS Bot Bar
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	4	false	none	0.25	#5	#4
stress	0	0	4	false	none	0.25	#5	#4
elevated	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
elevated	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
stress	0	0	2	true	none	0.25	#5	#4
elevated	0	0	4	true	none	0.25	#5	#4
elevated	0	0	4	true	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4

Design Strip: Longitude SSs Table (7)

S Bot Bar	MS Shear Bar	MS Top Cover inches	MS Bot Cover inches	MS Shear d calc	MS Torsion Design	MS System	MS Min. Bar Loc.	MS Min T.Bar	MS Min B.Bar
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0

Design Strip: Longitude SSs Table (8)

S Min B.Bar	*MS Shear Legs*
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2

Design Strip: Longitude SSs Table (9)

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
31-2	longitude	(-45.8,-22.83)(-41.7,-44.83)	83.57	true	true	24.57
31-3	longitude	(-41.7,-44.83)(-35.45,-65.25)	51.921	true	true	25.19
32-1	longitude	(-36.1,-88.79)(-35.48,-75.2)	5.72	true	true	16.07
33-1	longitude	(-28.53,-90.28)(-14.45,-61.73)	26.76	true	true	26.92
33-2	longitude	(-14.45,-61.73)(-14.45,-46.58)	0	true	true	18.16
33-3	longitude	(-14.45,-46.58)(-19.02,-17.34)	67.84	true	true	18.38
33-4	longitude	(-19.02,-17.34)(-22,-1.885)	15.89	true	true	18.49
34-1	longitude	(-5.387,-2.098)(-5.364,-17.54)	0.0399	true	true	1.85
34-2	longitude	(-5.364,-17.54)(-5.313,-47.92)	0.0917	true	true	1.157
34-3	longitude	(-5.313,-47.92)(-3.5,-61.73)	73.74	true	true	22.09
34-4	longitude	(-3.5,-61.73)(-3.5,-76.3)	0	true	true	18.16
34-5	longitude	(-3.5,-76.3)(-1.302,-92.45)	45.093	true	true	18.32

Design Strip: Longitude SSs Table (10)

t Width 1	Support Width 2 inches	Support Trans. Width 1 inches	Support Trans. Width 2 inches	Auto-Support	Min Divisions	Max Division Spacing feet
	24.57	18.31	18.31	true	4	2.5
	14.73	18.77	16.67	true	4	2.5
	8.553	16.02	173.8	true	4	2.5
	20.23	20.07	26.76	true	4	2.5
	18.16	24	24	true	4	2.5
	18.38	24.29	24.29	true	4	2.5
	6.901	24.44	63.37	true	4	2.5
	35.16	322	24	true	4	2.5
	14.41	24	24	true	4	2.5
	18.31	24.21	24.21	true	4	2.5
	18.16	24	24	true	4	2.5
	28.42	24.22	18.17	true	4	2.5

Design Strip: Longitude SSs Table (11)

n Spacing	Design For Axial	Environment	Design As PT	Maximize Integrated V	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	false	false	1	0
	true	normal	true	true	false	1	0
	true	normal	true	false	false	1	0

Design Strip: Longitude SSs Table (12)

Spec. Infl. Area ft²	*Max LLR %*	*Span Width*	*Col Strip Width*	*Lock Strips*	*Design CS for CS*	*-CS Auto Trim*	*CS Section Slope*
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25
0	40	auto	full	false	false	none	0.25

Design Strip: Longitude SSs Table (13)

Section Slope Sim	CS Top Bar	CS Bot Bar	CS Shear Bar	CS Top Cover inches	CS Bot Cover inches	CS Shear d calc	CS Torsion Design	CS System
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab
	#5	#4	#4	1.5	0.75	All Tension Reinforcement	none	two-way slab

Design Strip: Longitude SSs Table (14)

CS Min. Bar Loc.	CS Min T.Bar	CS Min B.Bar	CS Shear Legs	MS Same As CS	MS Auto Trim	MS Section Slope	MS Top Bar	MS Bot Bar
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	2	false	none	0.25	#5	#4

Design Strip: Longitude SSs Table (15)

MS Bot Bar	MS Shear Bar	MS Top Cover inches	MS Bot Cover inches	MS Shear d calc	MS Torsion Design	MS System	MS Min. Bar Loc.	MS Min T.Bar	MS Min B.Bar
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0
	#4	1.5	0.75	All Tension Reinforcement		two-way slab	stress	0	0

Design Strip: Longitude SSs Table (16)

Min B.Bar	MS Shear Legs
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2
	2

Design Strip: Latitude SSSs Table

Name	*Strip Type*	*Calc. Trib. Area ft²*	*Calc. Infl. Area ft²*	*Top Bar*	*Bottom Bar*	*Shear Bar*	*Top Cover inches*
1C-1	center	76.63	0	#5	#4	#4	1.5
2C-1	center	55.07	0	#5	#4	#4	1.5
3C-1	center	46.72	0	#5	#4	#4	1.5
4C-1	center	59.99	0	#5	#4	#4	1.5
4C-2	center	184.1	0	#5	#4	#4	1.5
4C-3	center	283.9	0	#5	#4	#4	1.5
4C-4	center	266.8	0	#5	#4	#4	1.5
4C-5	center	217.5	0	#5	#4	#4	1.5
4C-6	center	243	0	#5	#4	#4	1.5
4C-7	center	162.2	0	#5	#4	#4	1.5
4C-8	center	116	0	#5	#4	#4	1.5
4C-9	center	81.81	0	#5	#4	#4	1.5
5C-1	center	374.9	0	#5	#4	#4	1.5
5C-2	center	324.3	0	#5	#4	#4	1.5
5C-3	center	490.2	0	#5	#4	#4	1.5
5C-4	center	281	0	#5	#4	#4	1.5
5C-5	center	261.4	0	#5	#4	#4	1.5
5C-6	center	603.8	0	#5	#4	#4	1.5
5C-7	center	557.9	0	#5	#4	#4	1.5
5C-8	center	304.6	0	#5	#4	#4	1.5
5C-9	center	78.87	0	#5	#4	#4	1.5
5C-10	center	263.4	0	#5	#4	#4	1.5
6C-1	center	527.9	0	#5	#4	#4	1.5
6C-2	center	317.4	0	#5	#4	#4	1.5
7C-1	center	356.4	0	#5	#4	#4	1.5
7C-2	center	349.6	0	#5	#4	#4	1.5
7C-3	center	460.5	0	#5	#4	#4	1.5
7C-4	center	424.9	0	#5	#4	#4	1.5
7C-5	center	650.9	0	#5	#5	#4	1.5
7C-6	center	526.1	0	#5	#4	#4	1.5
7C-7	center	381.8	0	#5	#4	#4	1.5
7C-8	center	558.1	0	#5	#4	#4	1.5
7C-9	center	180.6	0	#5	#4	#4	1.5
7C-10	center	75.57	0	#5	#4	#4	1.5
8C-1	center	446.7	0	#5	#4	#4	1.5
8C-2	center	323	0	#5	#4	#4	1.5
9C-1	center	562.8	0	#5	#4	#4	1.5
9C-2	center	492.3	0	#5	#4	#4	1.5
9C-3	center	573	0	#5	#4	#4	1.5
10C-1	center	230.7	0	#5	#4	#4	1.5
11C-1	center	324.4	0	#5	#4	#4	1.5
11C-2	center	472.3	0	#5	#4	#4	1.5
11C-3	center	344.7	0	#5	#4	#4	1.5
12C-1	center	112.2	0	#5	#4	#4	1.5
12C-2	center	182.1	0	#5	#4	#4	1.5
12C-3	center	313.2	0	#5	#4	#4	1.5

Design Strip: Latitude SSSs Table (2)

Top Cover inches	Bot. Cover inches	Torsion Design	System	Min Bar Loc.	Min T. Bar	Min B. Bar	Shear Legs
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	4
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2

Design Strip: Latitude SSSs Table (3)

Name	*Strip Type*	*Calc. Trib. Area ft²*	*Calc. Infl. Area ft²*	*Top Bar*	*Bottom Bar*	*Shear Bar*	*Top Cover inches*
12C-4	center	175.6	0	#5	#4	#4	1.5
13C-1	center	433	0	#5	#5	#4	1.5
13C-2	center	229.5	0	#5	#5	#4	1.5
13C-3	center	340.2	0	#5	#5	#4	1.5
13C-4	center	83.57	0	#5	#5	#4	1.5
13C-4(2)	center	433.2	0	#4	#4	#4	1.5
13C-5	center	431.5	0	#5	#4	#4	1.5
13C-6	center	296.7	0	#5	#4	#4	1.5
13C-7	center	75.41	0	#5	#4	#4	1.5
14C-1	center	331.1	0	#5	#4	#4	1.5
14C-2	center	124.5	0	#5	#4	#4	1.5
14C-3	center	16.99	0	#5	#4	#4	1.5
15C-1	center	305.2	0	#5	#4	#4	1.5
15C-2	center	11.21	0	#5	#4	#4	1.5

Design Strip: Latitude SSSs Table (4)

Top Cover inches	*Bot. Cover inches*	*Torsion Design*	*System*	*Min Bar Loc.*	*Min T. Bar*	*Min B. Bar*	*Shear Legs*
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	1	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	1	none	two-way slab	stress	0	0	2
	1	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2

Design Strip: Longitude SSSs Table

Name	Strip Type	Calc. Trib. Area ft²	Calc. Infl. Area ft²	Top Bar	Bottom Bar	Shear Bar	Top Cover inches
16C-1	center	118.3	0	#5	#4	#4	1.5
16C-2	center	138.8	0	#5	#4	#4	1.5
16C-3	center	275.2	0	#5	#4	#4	1.5
16C-4	center	340.5	0	#5	#4	#4	1.5
16C-5	center	247.4	0	#5	#4	#4	1.5
16C-6	center	59.09	0	#5	#4	#4	1.5
16C-7	center	335.4	0	#5	#4	#4	1.5
16C-8	center	202.4	0	#5	#4	#4	1.5
17C-1	center	128.9	0	#5	#4	#4	1.5
17C-2	center	197.8	0	#5	#4	#4	1.5
17C-3	center	460.9	0	#5	#4	#4	1.5
17C-4	center	603.6	0	#5	#4	#4	1.5
17C-5	center	429.7	0	#5	#4	#4	1.5
17C-6	center	463.3	0	#5	#4	#4	1.5
17C-7	center	463	0	#5	#4	#4	1.5
18C-1	center	385.1	0	#5	#4	#4	1.5
18C-2	center	383.5	0	#5	#4	#4	1.5
19C-1	center	249.6	0	#5	#4	#4	1.5
19C-2	center	260.2	0	#5	#4	#4	1.5
20C-1	center	411.7	0	#5	#4	#4	1.5
20C-2	center	547.5	0	#5	#4	#4	1.5
20C-3	center	206	0	#5	#4	#4	1.5
21C-1	center	173.7	0	#5	#4	#4	1.5
22C-1	center	237	0	#5	#4	#4	1.5
22C-2	center	205.2	0	#5	#4	#4	1.5
23C-1	center	498.1	0	#5	#5	#4	1.5
23C-2	center	757	0	#5	#5	#4	1.5
23C-3	center	35.93	0	#5	#4	#4	1.5
23C-3(2)	center	446	0	#5	#4	#4	1.5
23C-4	center	537.9	0	#5	#4	#4	1.5
23C-5	center	452.6	0	#5	#4	#4	1.5
24C-1	center	285.3	0	#5	#5	#4	1.5
24C-2	center	360.6	0	#5	#5	#4	1.5
25C-1	center	674	0	#5	#4	#4	1.5
25C-2	center	382.8	0	#5	#4	#4	1.5
26C-1	center	207.4	0	#5	#4	#4	1.5
26C-1(2)	center	258.5	0	#5	#4	#4	1.5
27C-1	center	293.4	0	#5	#5	#4	1.5
27C-2	center	258.1	0	#5	#5	#4	1.5
28C-1	center	440	0	#5	#5	#4	1.5
28C-2	center	453	0	#5	#4	#4	1.5
28C-3	center	440.9	0	#5	#4	#4	1.5
29C-1	center	303.4	0	#5	#4	#4	1.5
29C-2	center	576.4	0	#5	#4	#4	1.5
30C-1	center	293.2	0	#5	#4	#4	1.5
31C-1	center	348.6	0	#5	#4	#4	1.5

Design Strip: Longitude SSSs Table (2)

Top Cover inches	Bot. Cover inches	Torsion Design	System	Min Bar Loc.	Min T. Bar	Min B. Bar	Shear Legs
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	4
	0.75	none	two-way slab	stress	0	0	4
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	elevated	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	elevated	0	0	4
	0.75	none	two-way slab	elevated	0	0	4
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2

Design Strip: Longitude SSSs Table (3)

Name	*Strip Type*	*Calc. Trib. Area ft²*	*Calc. Infl. Area ft²*	*Top Bar*	*Bottom Bar*	*Shear Bar*	*Top Cover inches*
31C-2	center	497	0	#5	#4	#4	1.5
31C-3	center	427.2	0	#5	#4	#4	1.5
32C-1	center	212.1	0	#5	#4	#4	1.5
33C-1	center	343.2	0	#5	#4	#4	1.5
33C-2	center	295	0	#5	#4	#4	1.5
33C-3	center	548.3	0	#5	#4	#4	1.5
33C-4	center	93.58	0	#5	#4	#4	1.5
34C-1	center	152.5	0	#5	#4	#4	1.5
34C-2	center	250.8	0	#5	#4	#4	1.5
34C-3	center	73.5	0	#5	#4	#4	1.5
34C-4	center	125.5	0	#5	#4	#4	1.5
34C-5	center	220.5	0	#5	#4	#4	1.5

Design Strip: Longitude SSSs Table (4)

Top Cover inches	*Bot. Cover inches*	*Torsion Design*	*System*	*Min Bar Loc.*	*Min T. Bar*	*Min B. Bar*	*Shear Legs*
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2
	0.75	none	two-way slab	stress	0	0	2

Design Strip: Punching Checks Table

Number	Location feet	Radius feet	Cover To CGS inches	Angle degrees	Edge	Connection
1	(-200.6,-89.05)	10	1	-6	failure planes	auto
2	(-200.1,-144.6)	10	1	0	failure planes	auto
3	(-199.1,-134.7)	10	1	0	failure planes	auto
4	(-198.6,-115.2)	10	1	-6	failure planes	auto
5	(-198,-65.18)	10	1	-6	failure planes	auto
6	(-195.5,-41.31)	10	1	-6	failure planes	auto
7	(-193,-17.44)	10	1	-6	failure planes	auto
8	(-191.6,-151)	10	1	0	failure planes	auto
9	(-182.2,-147.7)	10	1	0	failure planes	auto
10	(-180.8,-44.12)	10	1	-6	failure planes	auto
11	(-180.5,-117.1)	10	1	-6	failure planes	auto
12	(-177,-67.39)	10	1	-6	failure planes	auto
13	(-176.8,-92.28)	10	1	84	failure planes	auto
14	(-166,-123.6)	10	1	-6	failure planes	auto
15	(-164.9,-47.89)	10	1	-6	failure planes	auto
16	(-164.6,-22.53)	10	1	90	failure planes	auto
17	(-164.2,-141.7)	10	1	22	failure planes	auto
18	(-145.3,-22.83)	10	1	0	failure planes	auto
19	(-144.5,-120.4)	10	1	22	failure planes	auto
20	(-138.3,-51.35)	10	1	0	failure planes	auto
21	(-138.2,-136)	10	1	22	failure planes	auto
22	(-135.3,-110.1)	10	1	0	failure planes	auto
23	(-120.6,-101.9)	10	1	0	failure planes	auto
24	(-118.9,-75.16)	10	1	0	failure planes	auto
25	(-118.4,-52.35)	10	1	0	failure planes	auto
26	(-118.3,-22.83)	10	1	0	failure planes	auto
27	(-115.9,-127)	10	1	22	failure planes	auto
28	(-109.7,-60.83)	10	1	0	failure planes	auto
29	(-99.8,-22.83)	10	1	0	failure planes	auto
30	(-94.99,-75.16)	10	1	90	failure planes	auto
31	(-94.55,-101.9)	10	1	0	failure planes	auto
32	(-93.65,-118.1)	10	1	22	failure planes	auto
33	(-87.45,-47.25)	10	1	0	failure planes	auto
34	(-86.02,-66.08)	10	1	0	failure planes	auto
35	(-84.69,-22.81)	10	1	0	failure planes	auto
36	(-71.38,-109.1)	10	1	22	failure planes	auto
37	(-68.7,-22.67)	10	1	0	failure planes	auto
38	(-67.92,-66.08)	10	1	0	failure planes	auto
39	(-65.26,-94)	10	1	0	failure planes	auto
40	(-60.2,-44.83)	10	1	0	failure planes	auto
41	(-49,-100.5)	10	1	112	failure planes	auto
42	(-45.8,-22.83)	10	1	0	failure planes	auto
43	(-41.7,-44.83)	10	1	0	failure planes	auto
44	(-28.53,-90.28)	10	1	0	failure planes	auto
45	(-19.02,-17.34)	10	1	0	failure planes	auto
46	(-14.45,-61.73)	10	1	0	failure planes	auto

Design Strip: Punching Checks Table (2)

nnection	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²	Spec. Infl. Area ft²	Calc. Trib. Area ft²	Calc. Infl. Area ft²
	false	1	0	0	291.4	0
	false	1	0	0	225	0
	false	1	0	0	234.7	0
	false	1	0	0	372.1	0
	false	1	0	0	252	0
	false	1	0	0	183.6	0
	false	1	0	0	302.4	0
	false	1	0	0	226.4	0
	false	1	0	0	246.8	0
	false	1	0	0	431.8	0
	false	1	0	0	403.2	0
	false	1	0	0	461.2	0
	false	1	0	0	533.7	0
	false	1	0	0	434.5	0
	false	1	0	0	451.2	0
	false	1	0	0	613.1	0
	false	1	0	0	329	0
	false	1	0	0	582.9	0
	false	1	0	0	429	0
	false	1	0	0	452.8	0
	false	1	0	0	211.2	0
	false	1	0	0	323.6	0
	false	1	0	0	569.1	0
	false	1	0	0	476.3	0
	false	1	0	0	589.2	0
	false	1	0	0	782.4	0
	false	1	0	0	280.3	0
	false	1	0	0	180.2	0
	false	1	0	0	366.6	0
	false	1	0	0	530.7	0
	false	1	0	0	643.2	0
	false	1	0	0	184.1	0
	false	1	0	0	714.2	0
	false	1	0	0	290	0
	false	1	0	0	323.3	0
	false	1	0	0	187.2	0
	false	1	0	0	595.4	0
	false	1	0	0	358.5	0
	false	1	0	0	510.6	0
	false	1	0	0	404.4	0
	false	1	0	0	148.8	0
	false	1	0	0	525.4	0
	false	1	0	0	556.7	0
	false	1	0	0	227.3	0
	false	1	0	0	389.6	0
	false	1	0	0	347.4	0

Design Strip: Punching Checks Table (3)

nfl. Area	Max LLR %	Red. Red. %	Stor. Red. %	Park. Red. %
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0

Design Strip: Punching Checks Table (4)

Number	*Location feet*	*Radius feet*	*Cover To CGS inches*	*Angle degrees*	*Edge*	*Connection*
47	(-14.45,-46.58)	10	1	0	failure planes	auto
48	(-5.364,-16.83)	10	1	0	failure planes	auto
49	(-5.313,-48.07)	10	1	0	failure planes	auto
50	(-3.839,-76.3)	10	1	0	failure planes	auto
51	(-3.5,-61.73)	10	1	0	failure planes	auto
52	(-1.469,-92.28)	10	1	0	failure planes	auto

Design Strip: Punching Checks Table (5)

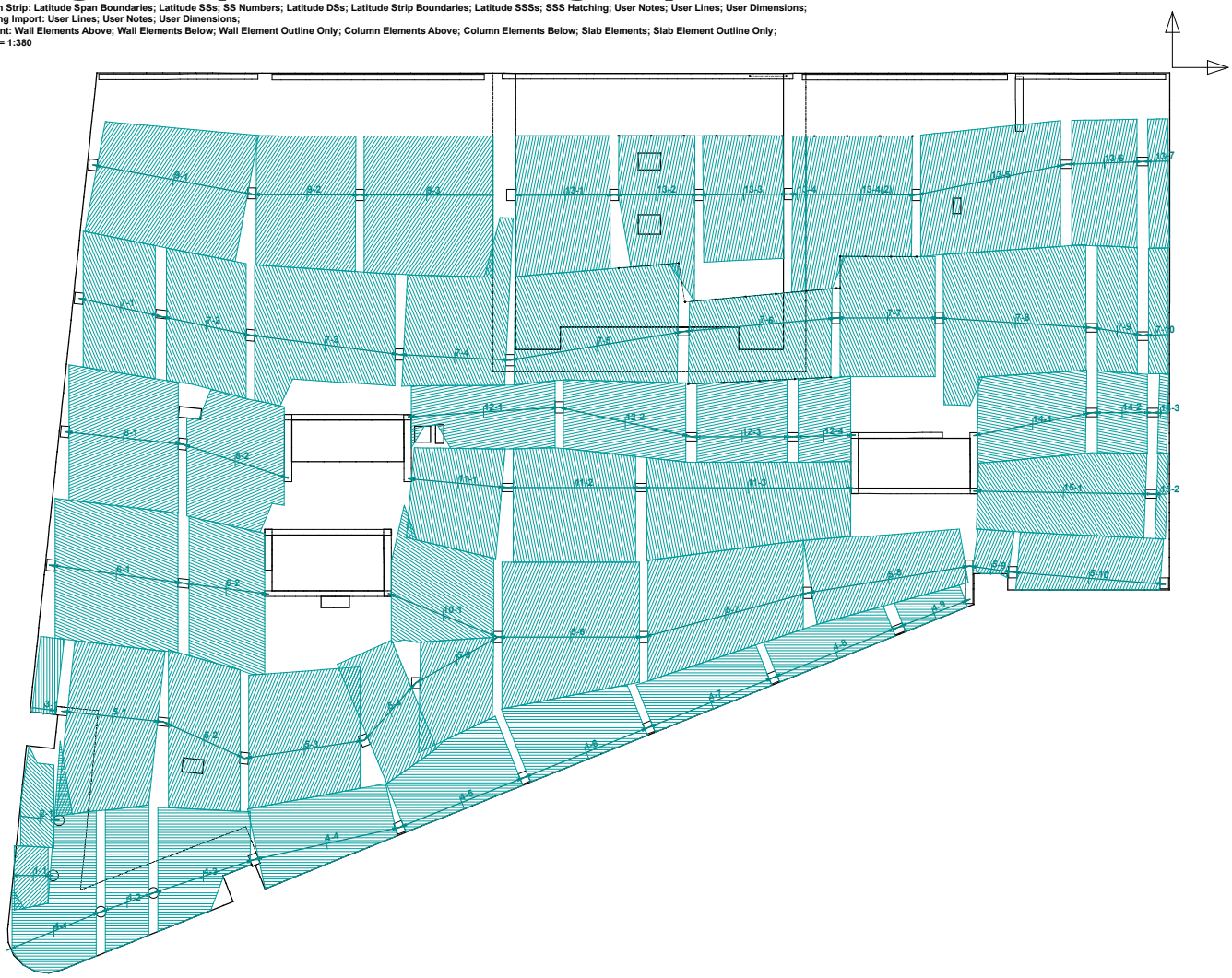
nnection	Use Spec LLR Params	Spec. LLR Levels	Spec. Trib. Area ft²	Spec. Infl. Area ft²	Calc. Trib. Area ft²	Calc. Infl. Area ft²
	false	1	0	0	483.1	0
	false	1	0	0	286.5	0
	false	1	0	0	158.3	0
	false	1	0	0	257.1	0
	false	1	0	0	48.61	0
	false	1	0	0	115.4	0

Design Strip: Punching Checks Table (6)

nfl. Area	Max LLR %	Red. Red. %	Stor. Red. %	Park. Red. %
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0
	40	0	0	0

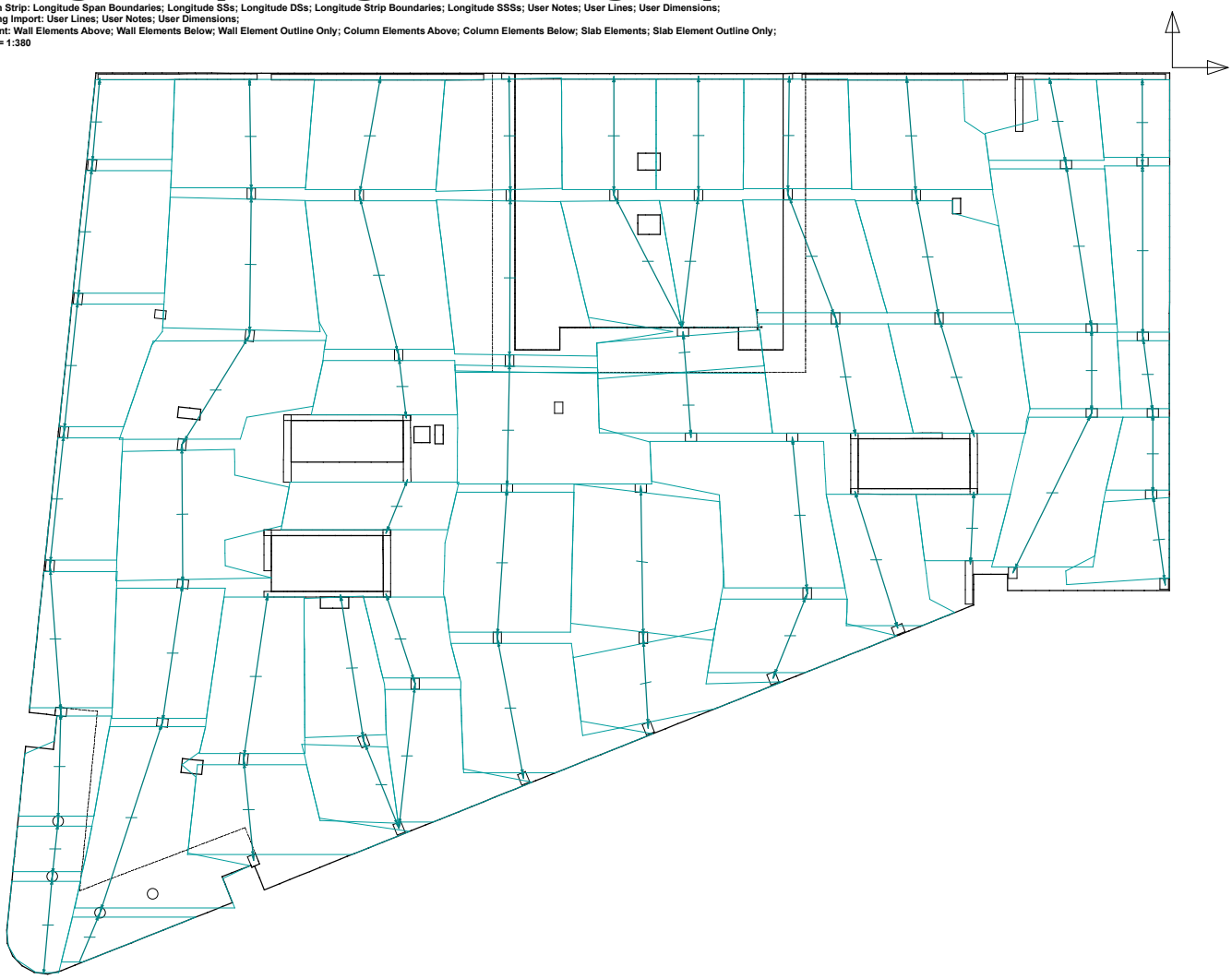
Design Strip: Latitude Design Spans Plan

Design Strip: Latitude Span Boundaries; Latitude SSs; SS Numbers; Latitude DSs; Latitude Strip Boundaries; Latitude SSSs; SSS Hatching; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380



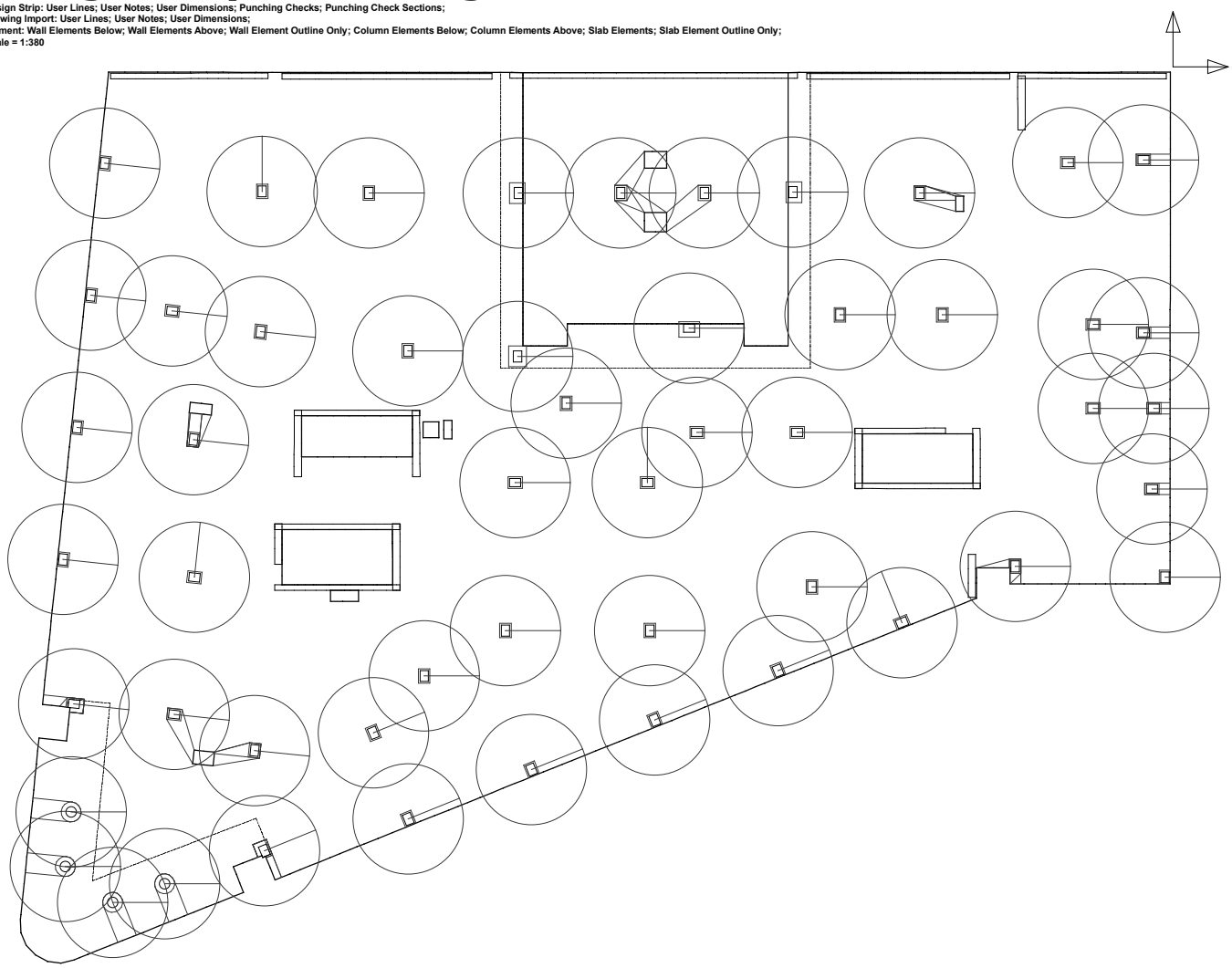
Design Strip: Longitude Design Spans Plan

Design Strip: Longitude Span Boundaries; Longitude SSs; Longitude DSs; Longitude Strip Boundaries; Longitude SSSs; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380



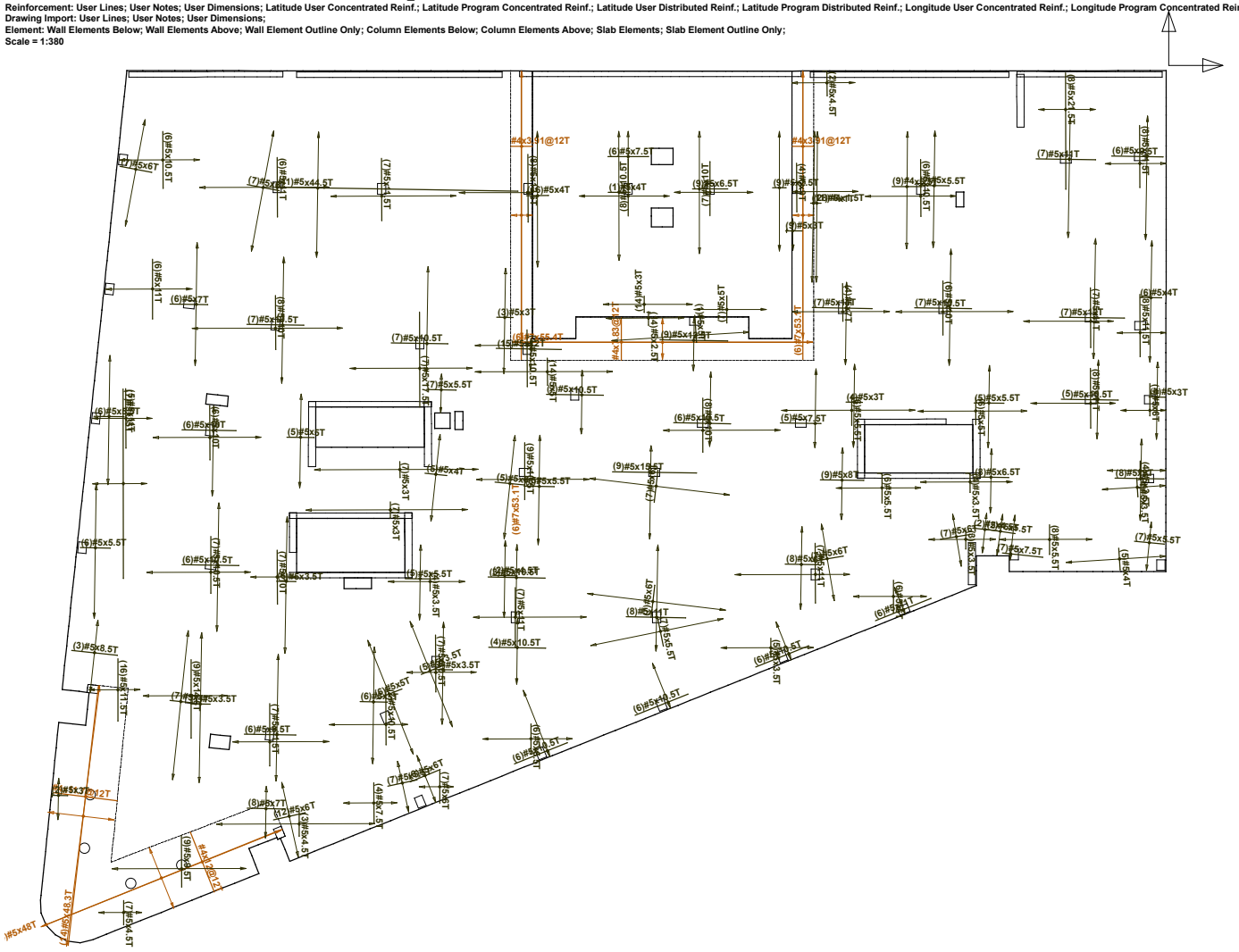
Design Strip: Punching Checks Plan

Design Strip: User Lines; User Notes; User Dimensions; Punching Checks; Punching Check Sections;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380



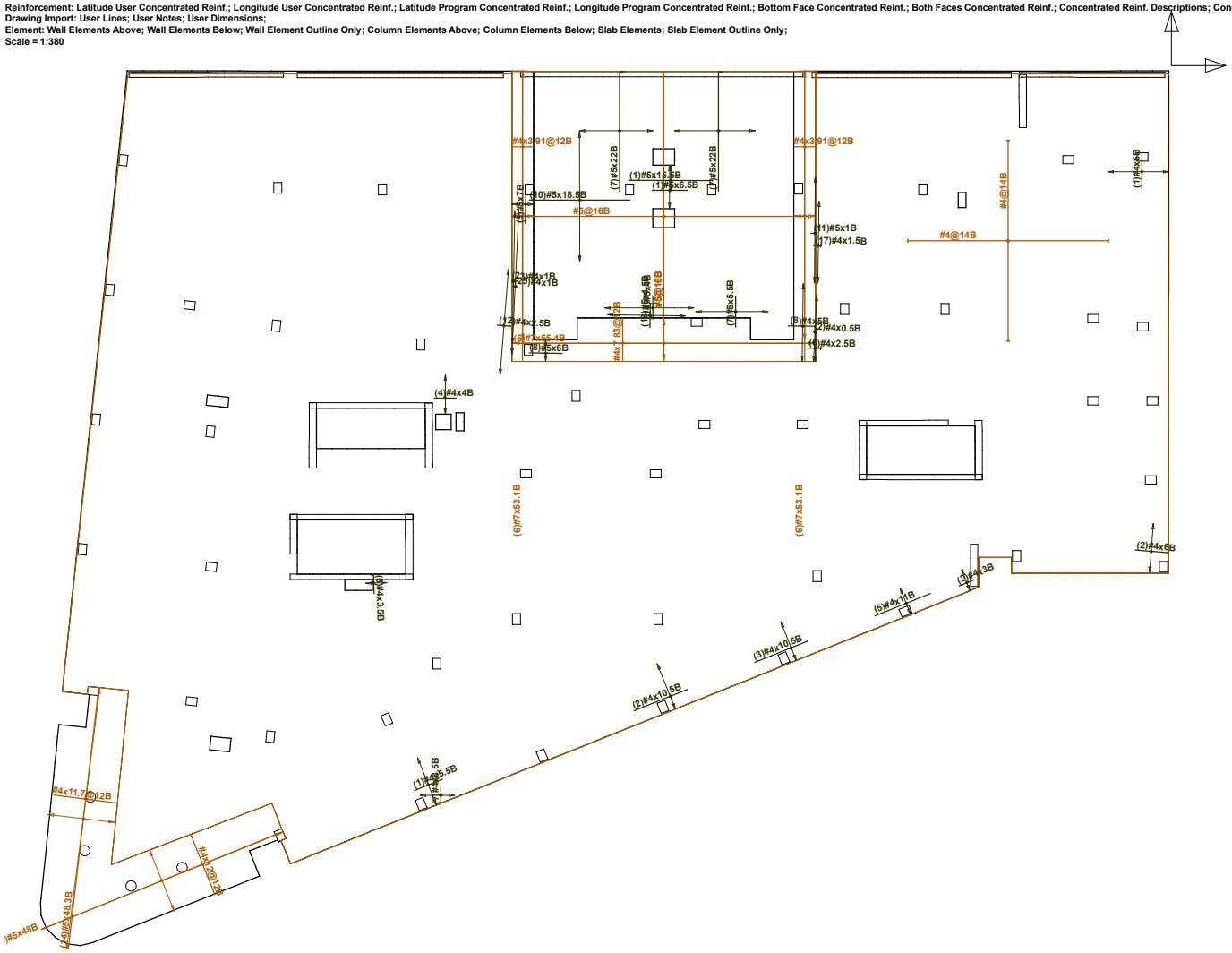
Reinforcement: Top Bars Plan

Reinforcement: User Lines; User Notes; User Dimensions; Latitude User Concentrated Reinf.; Latitude Program Concentrated Reinf.; Latitude User Distributed Reinf.; Latitude Program Distributed Reinf.; Longitude User Concentrated Reinf.; Longitude Program Concentrated Reinf.
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380



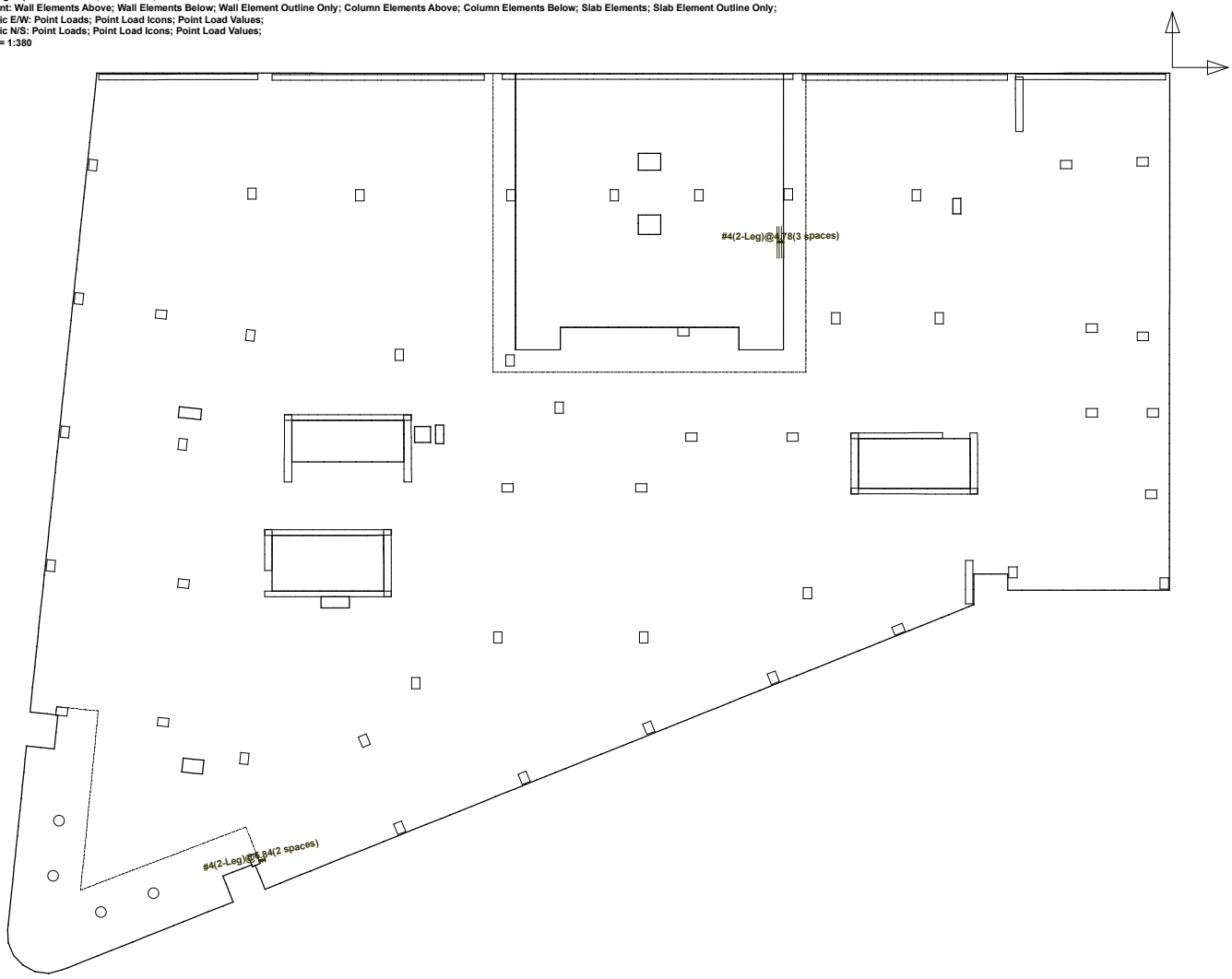
Reinforcement: Bottom Bars Plan

Reinforcement: Latitude User Concentrated Reinf.; Longitude User Concentrated Reinf.; Latitude Program Concentrated Reinf.; Longitude Program Concentrated Reinf.; Bottom Face Concentrated Reinf.; Both Faces Concentrated Reinf.; Concentrated Reinf. Descriptions; Concent
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380



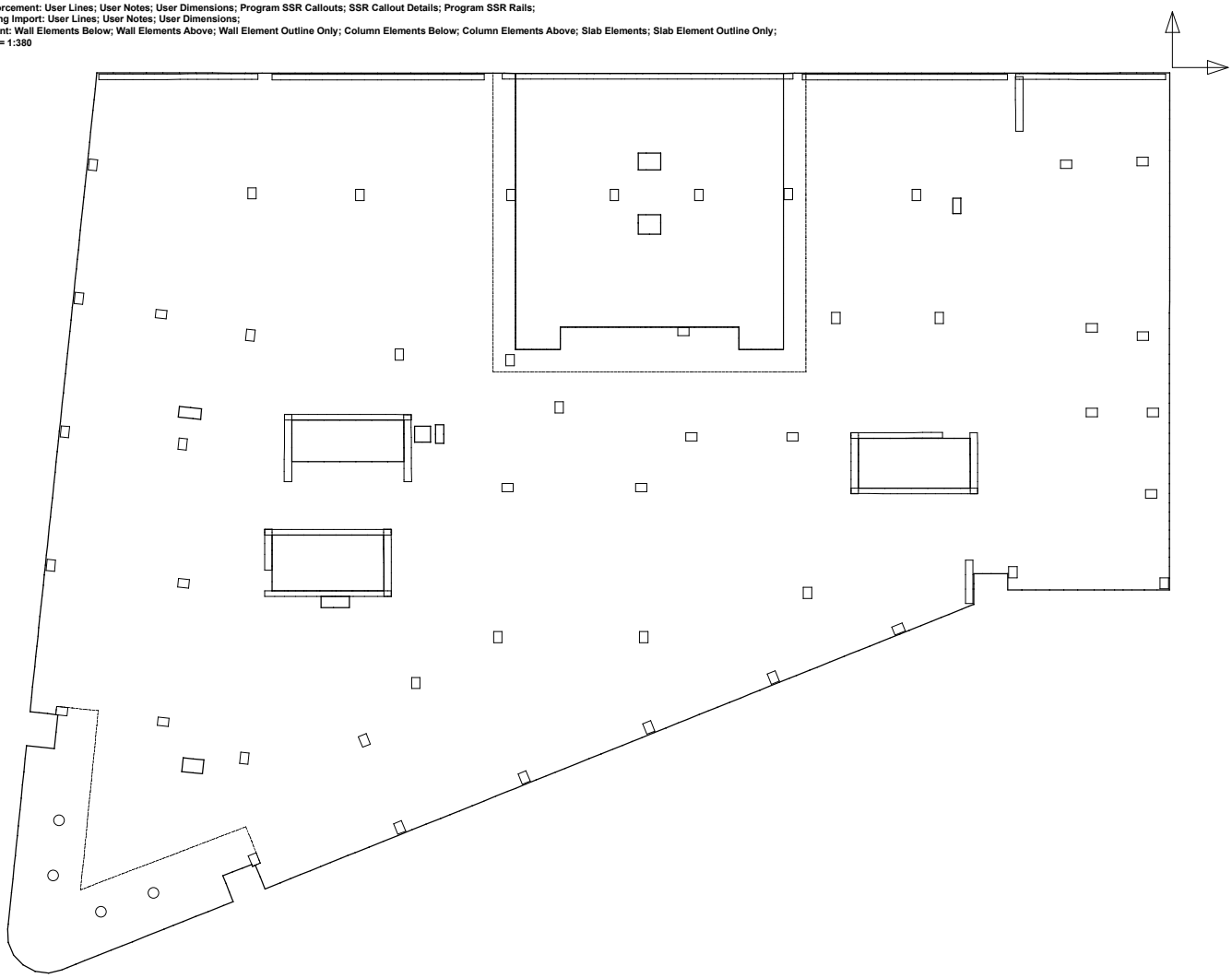
Reinforcement: Shear Bars Plan

Reinforcement: Latitude User Transverse Reinf.; Longitude User Transverse Reinf.; Latitude Program Transverse Reinf.; Longitude Program Transverse Reinf.; Transverse Reinf. Descriptions; Transverse Reinf. Extent; Latitude User Individual Transverse Bars; Longitude User Indi
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Seismic E/W: Point Loads; Point Load Icons; Point Load Values;
Seismic N/S: Point Loads; Point Load Icons; Point Load Values;
Scale = 1:380



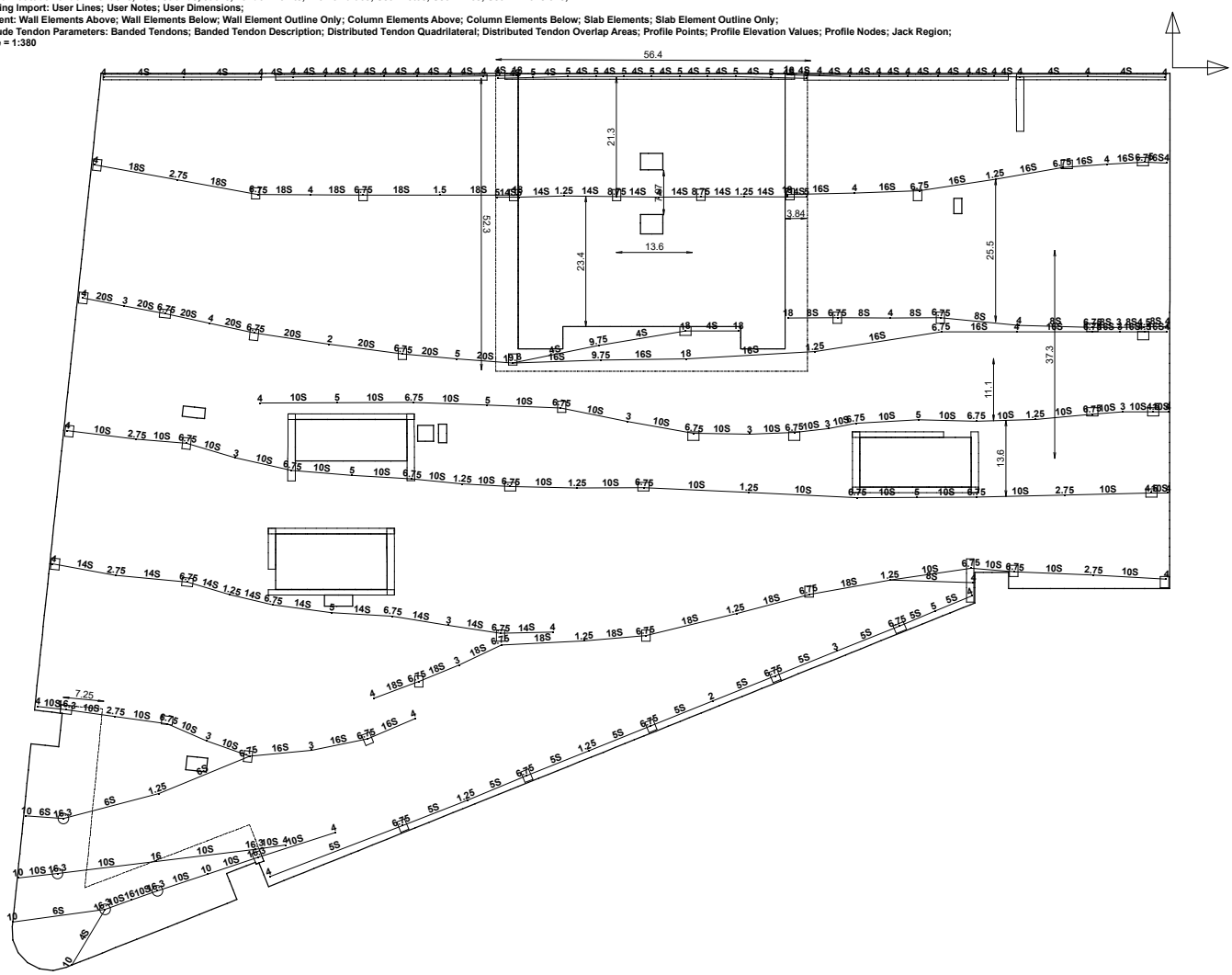
Reinforcement: SSR Plan

Reinforcement: User Lines; User Notes; User Dimensions; Program SSR Callouts; SSR Callout Details; Program SSR Rails;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380



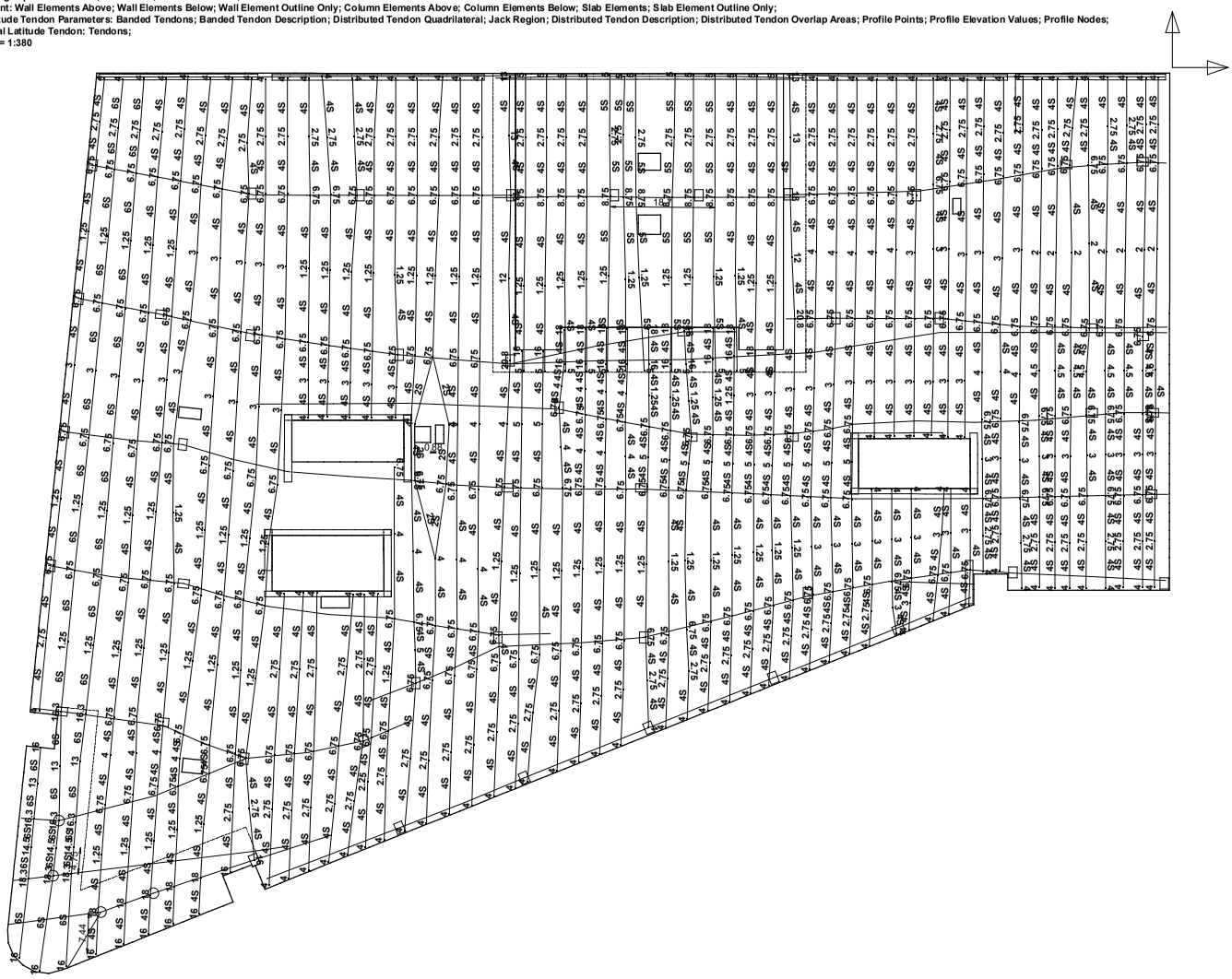
Manual Latitude Tendon: Standard Plan

Manual Latitude Tendon: Tendons; Num Strands; Jacks; Tendon Points; Profile Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Latitude Tendon Parameters: Banded Tendons; Banded Tendon Description; Distributed Tendon Quadrilateral; Distributed Tendon Overlap Areas; Profile Points; Profile Elevation Values; Profile Nodes; Jack Region;
Scale = 1:380



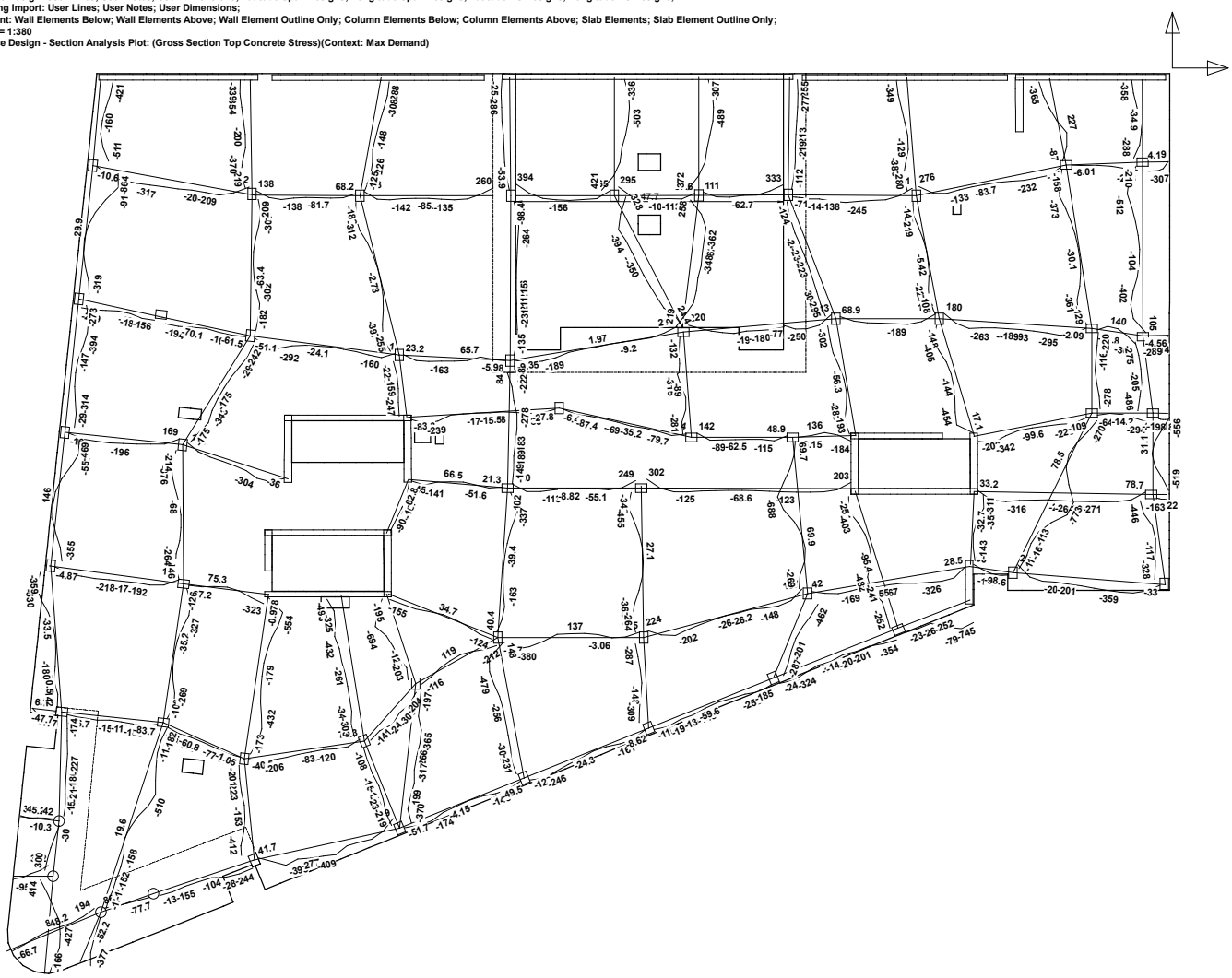
Manual Longitude Tendon: Standard Plan

Manual Longitude Tendon: Tendons; Num Strands; Jacks; Tendon Points; Profile Values; User Notes; User Lines; User Dimensions;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Longitude Tendon Parameters: Banded Tendons; Banded Tendon Description; Distributed Tendon Quadrilateral; Jack Region; Distributed Tendon Description; Distributed Tendon Overlap Areas; Profile Points; Profile Elevation Values; Profile Nodes;
Manual Latitude Tendon: Tendons;
Scale = 1:380



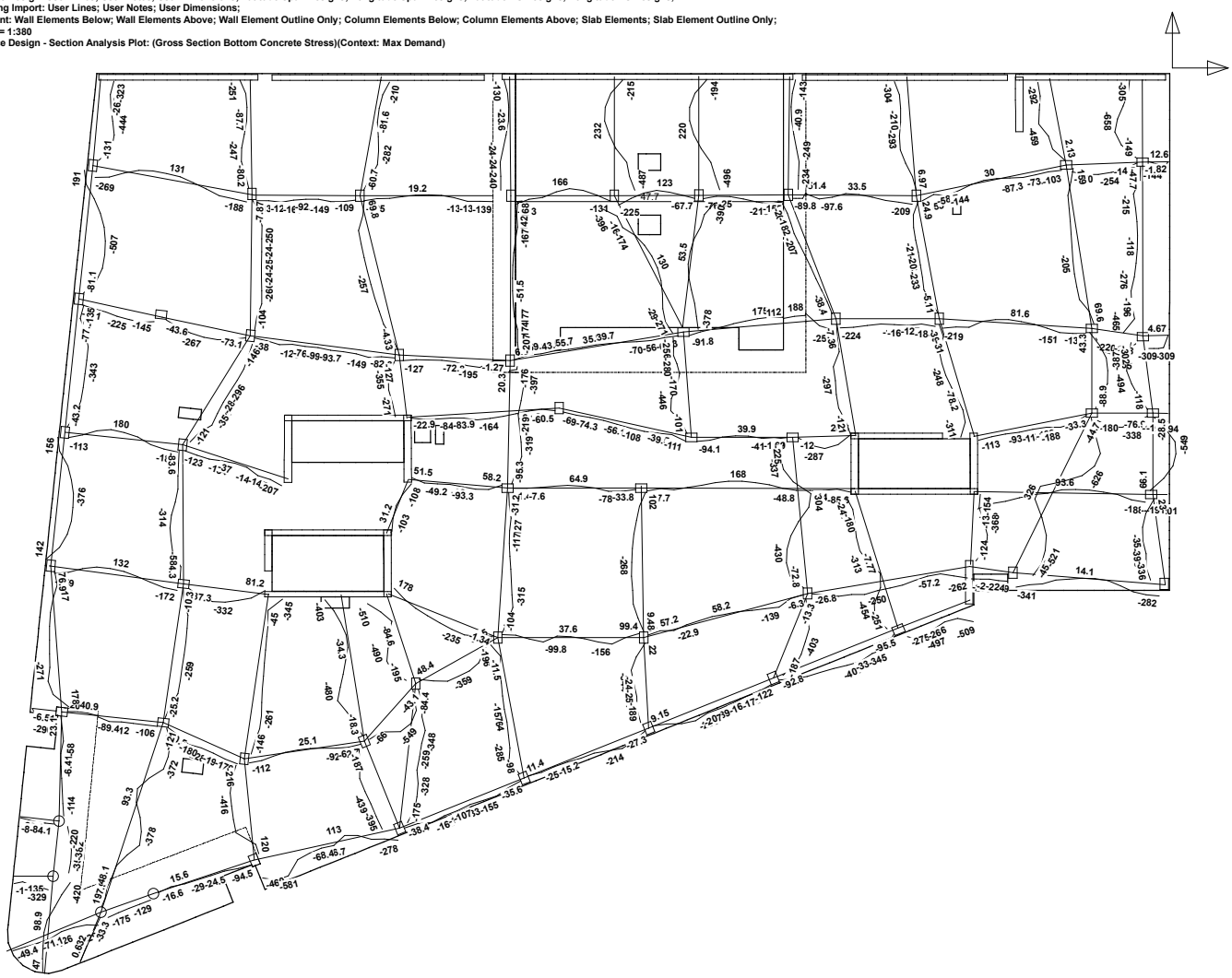
Service Design: Top Stress Plan

Service Design: User Lines; User Notes; User Dimensions; Latitude Span Designs; Longitude Span Designs; Latitude DS Designs; Longitude DS Designs;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Service Design - Section Analysis Plot: (Gross Section Top Concrete Stress)(Context: Max Demand)



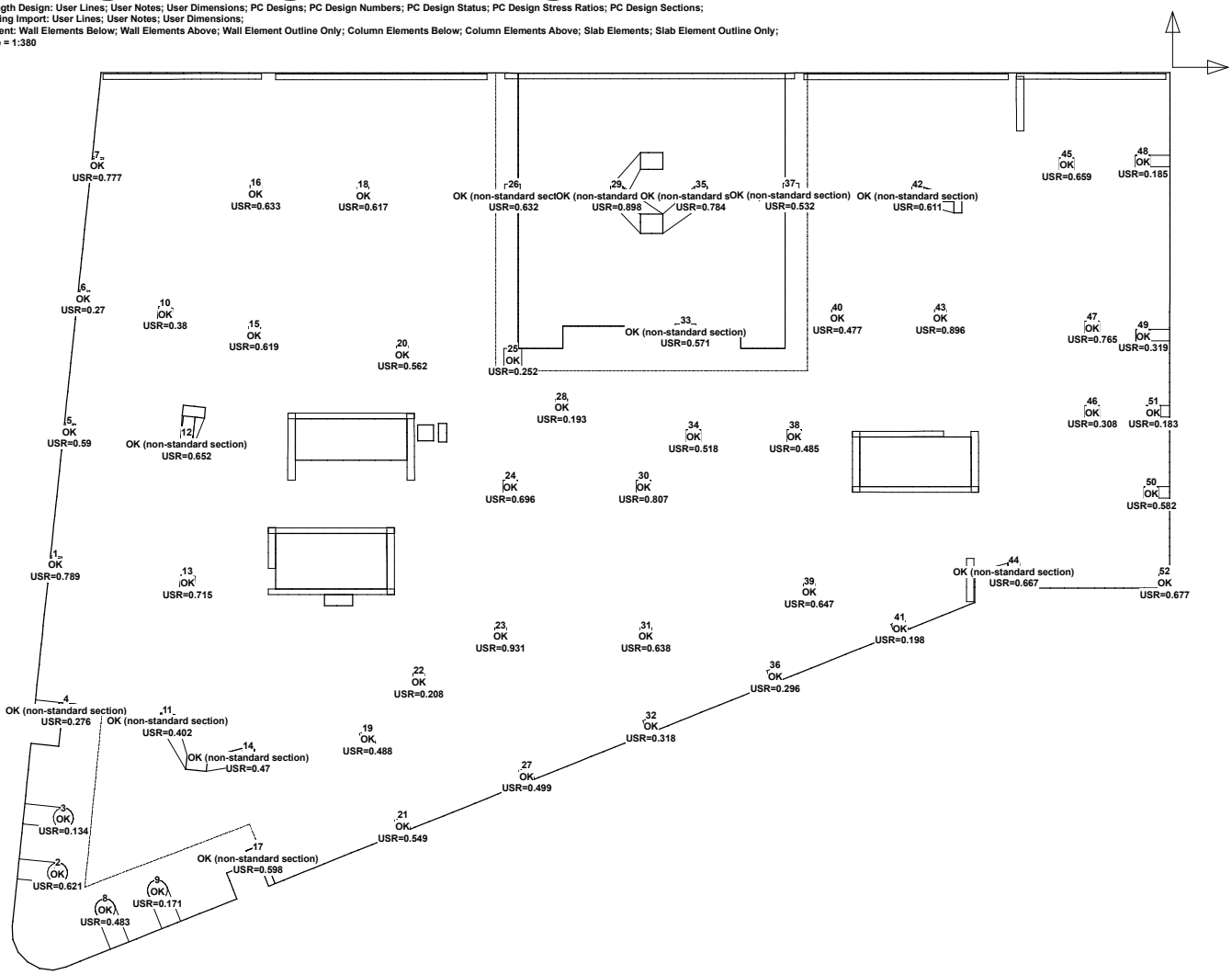
Service Design: Bottom Stress Plan

Service Design: User Lines; User Notes; User Dimensions; Latitude Span Designs; Longitude Span Designs; Latitude DS Designs; Longitude DS Designs;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380
Service Design - Section Analysis Plot: (Gross Section Bottom Concrete Stress)(Context: Max Demand)



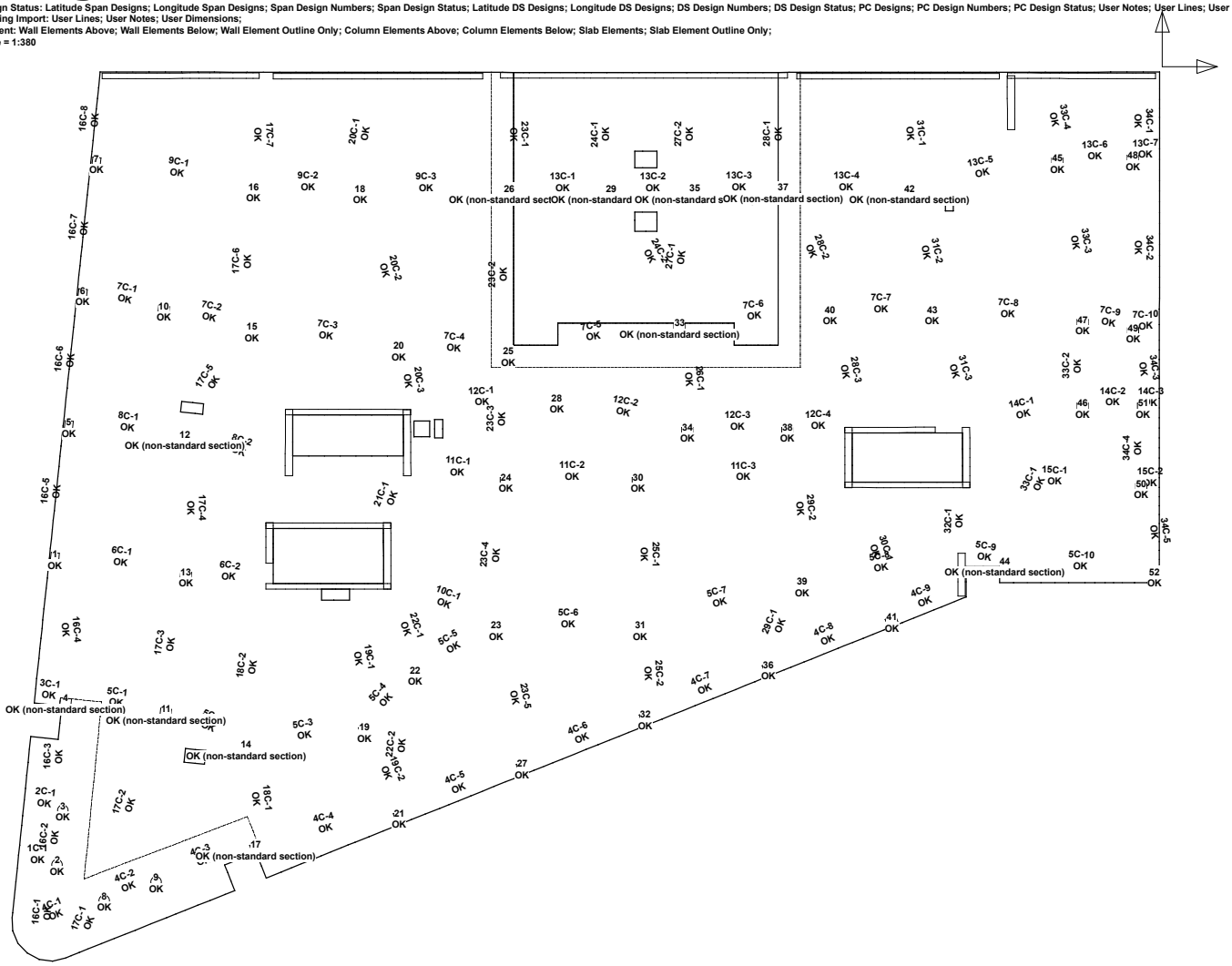
Strength Design: Punching Shear Status Plan

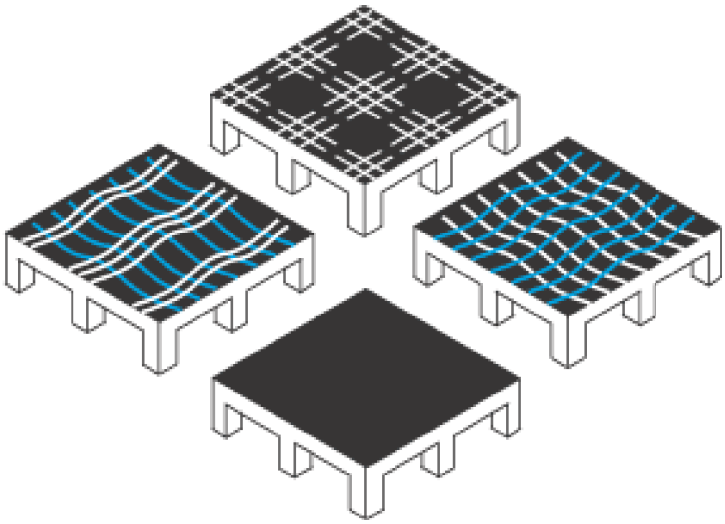
Strength Design: User Lines; User Notes; User Dimensions; PC Designs; PC Design Numbers; PC Design Status; PC Design Stress Ratios; PC Design Sections;
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Below; Wall Elements Above; Wall Element Outline Only; Column Elements Below; Column Elements Above; Slab Elements; Slab Element Outline Only;
Scale = 1:380



Design Status: Status Plan

Design Status: Latitude Span Designs; Longitude Span Designs; Span Design Numbers; Span Design Status; Latitude DS Designs; Longitude DS Designs; DS Design Numbers; DS Design Status; PC Designs; PC Design Numbers; PC Design Status; User Notes; User Lines; User Di
Drawing Import: User Lines; User Notes; User Dimensions;
Element: Wall Elements Above; Wall Elements Below; Wall Element Outline Only; Column Elements Above; Column Elements Below; Slab Elements; Slab Element Outline Only;
Scale = 1:380





Level 4.50.cpt
1/7/2020

RAM Concept © 2019 Bentley Systems, Inc.
RAM Concept™ is a trademark of Bentley Systems

Table of Contents

Units 4
Signs 5
Materials 6
Loadings 8
Load Combinations 9
Design Rules 15
Detailing Rules 16
Load History 17
Mesh Input: Walls Below Table 18
Mesh Input: Columns Below Table 20
Mesh Input: Slab Areas Table 26
Mesh Input: Beams Table 28
Mesh Input: Standard Plan 30
Other Dead Loading: Point Loads Plan 31
Other Dead Loading: Line Loads Plan 32
Other Dead Loading: Area Loads Plan 33
Live (Unreducible) Loading: Point Loads Plan 34
Live (Unreducible) Loading: Line Loads Plan 35
Live (Unreducible) Loading: Area Loads Plan 36
Live (Unreducible) Loading: Std Reactions Plan 37
Snow Loading: Point Loads Plan 38
Snow Loading: Line Loads Plan 39
Snow Loading: Std Reactions Plan 40
Seismic E/W: Point Loads Plan 41
Seismic E/W: Std Reactions Plan 42
Seismic N/S: Point Loads Plan 43
Seismic N/S: Area Loads Plan 44
Seismic N/S: Std Reactions Plan 45
Service LC: D + L: Max Deflection Plan 46
Service LC: D + L: Min Deflection Plan 47
Service LC: D + L: Reaction Plan 48
Long Term deflection: Max Deflection Plan 49
Design Strip: Latitude SSs Table 50
Design Strip: Longitude SSs Table 66
Design Strip: Latitude SSSs Table 82
Design Strip: Longitude SSSs Table 86
Design Strip: Punching Checks Table 90
Design Strip: Latitude Design Spans Plan 96
Design Strip: Longitude Design Spans Plan 97
Design Strip: Punching Checks Plan 98
Reinforcement: Top Bars Plan 99
Reinforcement: Bottom Bars Plan 100
Reinforcement: Shear Bars Plan 101
Reinforcement: SSR Plan 102
Manual Latitude Tendon: Standard Plan 103
Manual Longitude Tendon: Standard Plan 104
Service Design: Top Stress Plan 105
Service Design: Bottom Stress Plan 106

Table of Contents (2)

Strength Design: Punching Shear Status Plan 107
Design Status: Status Plan 108

Units

Geometry Units

Plan Dimensions: feet
Angles: degrees

Slab Thickness: inches
Elevations: inches

Support Dimensions: inches
Support Height: feet

Loading and Reaction Units

Point Force: Kips
- Report As Zero: 0 Kips

Point Moment: kip-ft
- Report As Zero: 0 kip-ft

Line Force: kips/ft
- Report As Zero: 0 kips/ft

Line Moment: Kips
- Report As Zero: 0 Kips

Area Force: psf
- Report As Zero: 0 psf

Area Moment: #/foot
- Report As Zero: 0 #/foot

Spring and Stiffness Units

Point Force Spring: kips/in
Point Moment Spring: k-ft/°

Line Force Spring: ksi
Line Moment Spring: k/°

Area Force Spring: pci
Area Moment Spring: k/ft°

Slab Analysis Units

Force: Kips
- Report As Zero: 0 Kips

Force Per Width: kips/ft
- Report As Zero: 0 kips/ft

Moment: kip-ft
- Report As Zero: 0 kip-ft

Moment Per Width: Kips
- Report As Zero: 0 Kips

Concrete Stress: psi
- Report As Zero: 0 psi

Deflection: inches
- Report As Zero: 0 inches

Materials Units

Concrete Volume: yd^3
Reinforcement Weight: tons
PT Weight: pounds

Reinforcing Area: in^2
Tendon Profile: inches
Cover: inches

PT Force: Kips
Reinforcing Stress: ksi

Miscellaneous Units

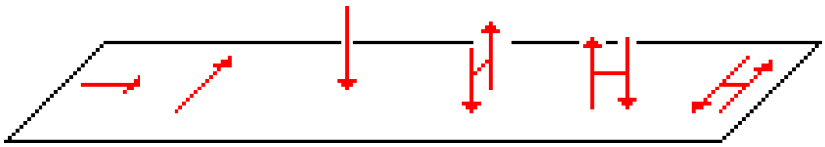
Floor Area: ft^2
Tendon Angles (for friction): radians

Density: pcf

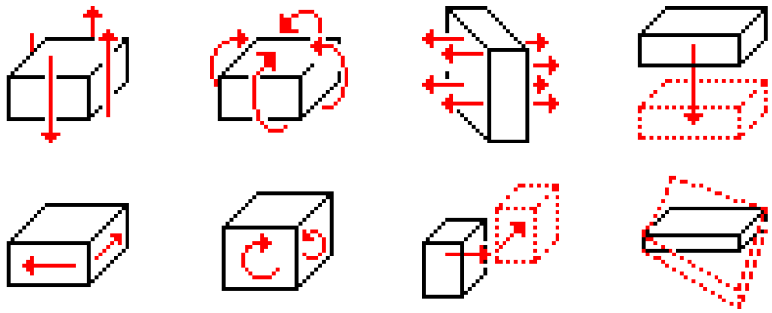
Elongations: inches

Signs

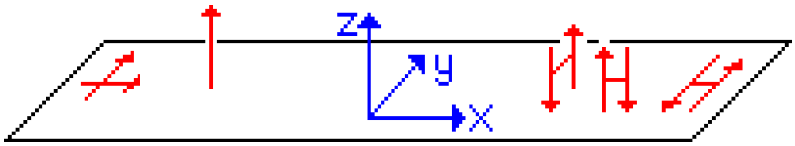
Positive Loads



Positive Analysis



Positive Reactions



Materials

Concrete Mix

Mix Name	Density (pcf)	Density For Loads (pcf)	f'ci (psi)	f'c (psi)	fcui (psi)	fcu (psi)	Poissons Ratio	Ec Calc	User Eci (psi)	User Ec (psi)
3000 psi	150	150	3000	3000	3725	3725	0.2	Code	2500000	3000000
4000 psi	150	150	3000	4000	3725	4975	0.2	Code	2500000	3000000
5000 psi	150	150	3000	5000	3725	6399	0.2	Code	2500000	3000000
6000 psi	150	150	3000	6000	3725	7450	0.2	Code	2500000	3000000

PT Systems

System Name	Type	Aps (in^2)	Eps (ksi)	fse (ksi)	fpy (ksi)	fpu (ksi)	Duct Width (inches)	Strands Per Duct	Min Radius (feet)
½" Unbonded	unbonded	0.153	28000	175	243	270	0.5	1	6
½" Bonded	bonded	0.153	28000	160	243	270	3	4	6
0.6" Unbonded	unbonded	0.217	28000	175	243	270	0.6	1	8
0.6" Bonded	bonded	0.217	28000	160	243	270	4	4	8

PT Stressing Parameters

System Name	Jacking Stress (ksi)	Seating Loss (inches)	Anchor Friction	Wobble Friction (1/feet)	Angular Friction (1/radians)	Long-Term Losses (ksi)
½" Unbonded	216	0.25	0	0.0014	0.07	22
½" Bonded	216	0.25	0.02	0.001	0.2	22
0.6" Unbonded	216	0.25	0	0.0014	0.07	22
0.6" Bonded	216	0.25	0.02	0.001	0.2	22

Reinforcing Bars

Bar Name	As (in^2)	Es (ksi)	Fy (ksi)	Coating	Straight Ld/Db	90 Hook Ld/Db	180 Hook Ld/Db
#3	0.11	29000	60	None	Code	Code	Code
#4	0.2	29000	60	None	Code	Code	Code
#5	0.31	29000	60	None	Code	Code	Code
#6	0.44	29000	60	None	Code	Code	Code
#7	0.6	29000	60	None	Code	Code	Code
#8	0.79	29000	60	None	Code	Code	Code
#9	1	29000	60	None	Code	Code	Code
#10	1.27	29000	60	None	Code	Code	Code
#11	1.56	29000	60	None	Code	Code	Code

Materials (2)

SSR Systems

SSR System Name	*Stud Area (in²)*	*Head Area (in²)*	*Min Clear Head Spacing (inches)*	*Specified Stud Spacing (inches)*	*Fy (ksi)*	*Stud Spacing Rounding Increment (inches)*	*Min Studs Per Rail*	*System Type*
3/8" SSR	0.11	1.11	0.5	None	50	0.25	2	Rail
1/2" SSR	0.196	1.96	0.5	None	50	0.25	2	Rail
5/8" SSR	0.307	3.07	0.5	None	50	0.25	2	Rail
3/4" SSR	0.442	4.42	0.5	None	50	0.25	2	Rail
Ancon Shearfix Auto-Size	0.1217	1.096	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 10 mm	0.1217	1.096	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 12 mm	0.1753	1.578	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 14 mm	0.2386	2.147	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 16 mm	0.3116	2.805	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 20 mm	0.4869	4.383	0.5906	None	72.52	0.03937	2	Rail
Ancon Shearfix 24 mm	0.7012	6.311	0.5906	None	72.52	0.03937	2	Rail

Loadings

Loading Name	*Type*	*Analysis*	*On-Pattern Factor*	*Off-Pattern Factor*
Self-Dead Loading	Self-Weight	Normal	1	1
Balance Loading	Balance	Normal	1	1
Hyperstatic Loading	Hyperstatic	Hyperstatic	1	1
Temporary Construction (At Stressing) Loading	Stressing Dead	Normal	1	1
Other Dead Loading	Dead	Normal	1	1
Live (Reducible) Loading	Live (Reducible)	Normal	1	0
Live (Unreducible) Loading	Live (Unreducible)	Normal	1	0
Live (Storage) Loading	Live (Storage)	Normal	1	0
Live (Parking) Loading	Live (Parking)	Normal	1	0
Live (Roof) Loading	Live (Roof)	Normal	1	0
Snow Loading	Snow	Normal	1	1
Seismic E/W	Ultimate Seismic 1 (transfer)	Normal	1	0
Seismic N/S	Ultimate Seismic 1 (transfer)	Normal	1	0

Load Combinations

All Dead LC

Active Design Criteria: <none>
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Other Dead Loading	1	1

Dead + Balance LC

Active Design Criteria: <none>
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1

Initial Service LC

Active Design Criteria: Initial Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1.13	1.13
Temporary Construction (At Stressing) Loading	1	1

Service LC: D + L

Active Design Criteria: User Minimum Design, Code Minimum Design, Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Live (Reducible) Loading	1	0
Live (Unreducible) Loading	1	0
Live (Storage) Loading	1	0
Live (Parking) Loading	1	0

Service LC: D + Lr

Active Design Criteria: User Minimum Design, Code Minimum Design, Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Live (Roof) Loading	1	0

Load Combinations (2)

Service LC: D + S

Active Design Criteria: User Minimum Design, Code Minimum Design, Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Snow Loading	1	0

Service LC: D + 0.75L + 0.75Lr

Active Design Criteria: User Minimum Design, Code Minimum Design, Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Live (Reducible) Loading	0.75	0
Live (Unreducible) Loading	0.75	0
Live (Storage) Loading	0.75	0
Live (Parking) Loading	0.75	0
Live (Roof) Loading	0.75	0

Service LC: D + 0.75L + 0.75S

Active Design Criteria: User Minimum Design, Code Minimum Design, Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Live (Reducible) Loading	0.75	0
Live (Unreducible) Loading	0.75	0
Live (Storage) Loading	0.75	0
Live (Parking) Loading	0.75	0
Snow Loading	0.75	0

Sustained Service LC

Active Design Criteria: Sustained Service Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1	1
Balance Loading	1	1
Other Dead Loading	1	1
Live (Reducible) Loading	0.5	0.5
Live (Unreducible) Loading	0.5	0.5
Live (Storage) Loading	1	1
Live (Parking) Loading	0.5	0.5
Live (Roof) Loading	0.5	0.5

Load Combinations (3)

Factored LC: 1.4D

Active Design Criteria: User Minimum Design, Code Minimum Design, Strength Design, Ductility Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.4	0.9
Hyperstatic Loading	1	1
Other Dead Loading	1.4	0.9

Factored LC: 1.2D + 1.6L + 0.5Lr

Active Design Criteria: User Minimum Design, Code Minimum Design, Strength Design, Ductility Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.2	0.9
Hyperstatic Loading	1	1
Other Dead Loading	1.2	0.9
Live (Reducible) Loading	1.6	0
Live (Unreducible) Loading	1.6	0
Live (Storage) Loading	1.6	0
Live (Parking) Loading	1.6	0
Live (Roof) Loading	0.5	0

Factored LC: 1.2D + f1L + 1.6Lr

Active Design Criteria: User Minimum Design, Code Minimum Design, Strength Design, Ductility Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.2	0.9
Hyperstatic Loading	1	1
Other Dead Loading	1.2	0.9
Live (Reducible) Loading	0.5	0
Live (Unreducible) Loading	1	0
Live (Storage) Loading	1	0
Live (Parking) Loading	1	0
Live (Roof) Loading	1.6	0

Factored LC: 1.2D + 1.6L + 0.5S

Active Design Criteria: User Minimum Design, Code Minimum Design, Strength Design, Ductility Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.2	0.9
Hyperstatic Loading	1	1
Other Dead Loading	1.2	0.9
Live (Reducible) Loading	1.6	0
Live (Unreducible) Loading	1.6	0
Live (Storage) Loading	1.6	0
Live (Parking) Loading	1.6	0
Snow Loading	0.5	0

Load Combinations (4)

Factored LC: 1.2D + f1L + 1.6S

Active Design Criteria: User Minimum Design, Code Minimum Design, Strength Design, Ductility Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.2	0.9
Hyperstatic Loading	1	1
Other Dead Loading	1.2	0.9
Live (Reducible) Loading	0.5	0
Live (Unreducible) Loading	1	0
Live (Storage) Loading	1	0
Live (Parking) Loading	1	0
Snow Loading	1.6	0

Long Term deflection

Active Design Criteria: <none>
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	3.35	3.35
Balance Loading	3.35	3.35
Other Dead Loading	3.35	3.35
Live (Unreducible) Loading	2	2
Snow Loading	1	1

Earthquake N-S: (1.2+.2*Sds)D + 2.5E + 0.5L+0.2S

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.344	1.344
Hyperstatic Loading	1	1
Other Dead Loading	1.344	1.344
Live (Unreducible) Loading	0.5	0.5
Snow Loading	0.2	0.2
Seismic N/S	2.5	2.5

Earthquake N-S: (0.9-0.2*Sds)D + 2.5E

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	0.756	0.756
Hyperstatic Loading	1	1
Other Dead Loading	0.756	0.756
Seismic N/S	2.5	2.5

Load Combinations (5)

Earthquake E-W: (1.2+0.2*Sds)D + 2.5E + 0.5L+0.2S

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.344	1.344
Hyperstatic Loading	1	1
Other Dead Loading	1.344	1.344
Live (Unreducible) Loading	0.5	0.5
Snow Loading	0.2	0.2
Seismic E/W	2.5	2.5

Earthquake E-W: (0.9-0.2*Sds)D + 2.5E

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	0.756	0.756
Hyperstatic Loading	1	1
Other Dead Loading	0.756	0.756
Seismic E/W	2.5	2.5

Earthquake N-S: (1.2+0.2*Sds)D - 2.5E + .5L + 0.2S

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.344	1.344
Hyperstatic Loading	1	1
Other Dead Loading	1.344	1.344
Live (Unreducible) Loading	0.5	0.5
Snow Loading	0.2	0.2
Seismic N/S	-2.5	-2.5

Earthquake N-S: (0.9-0.2*Sds)D - 2.5E

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	0.756	0.756
Hyperstatic Loading	1	1
Other Dead Loading	0.756	0.756
Seismic N/S	-2.5	-2.5

Load Combinations (6)

Earthquake E-W: (1.2+0.2*Sds)D - 2.5E + .5L + 0.2S

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	1.344	1.344
Hyperstatic Loading	1	1
Other Dead Loading	1.344	1.344
Live (Unreducible) Loading	0.5	0.5
Snow Loading	0.2	0.2
Seismic E/W	-2.5	-2.5

Earthquake E-W: (0.9-0.2*Sds)D - 2.5E

Active Design Criteria: Strength Design, Code Minimum Design, User Minimum Design
Analysis: Linear

Loading	*Standard Factor*	*Alt. Envelope Factor*
Self-Dead Loading	0.756	0.756
Hyperstatic Loading	1	1
Other Dead Loading	0.756	0.756
Seismic E/W	-2.5	-2.5

Design Rules

Code Minimum Desig

318-11 Min. Reinforcement

User Minimum Desig

Specified Min. Reinforcement

Initial Service Desig

318-11 Initial Service Design

Service Design

318-11 Service Design
Include detailed section analysis

Sustained Service Desig

318-11 Sustained Service Design

Strength Design

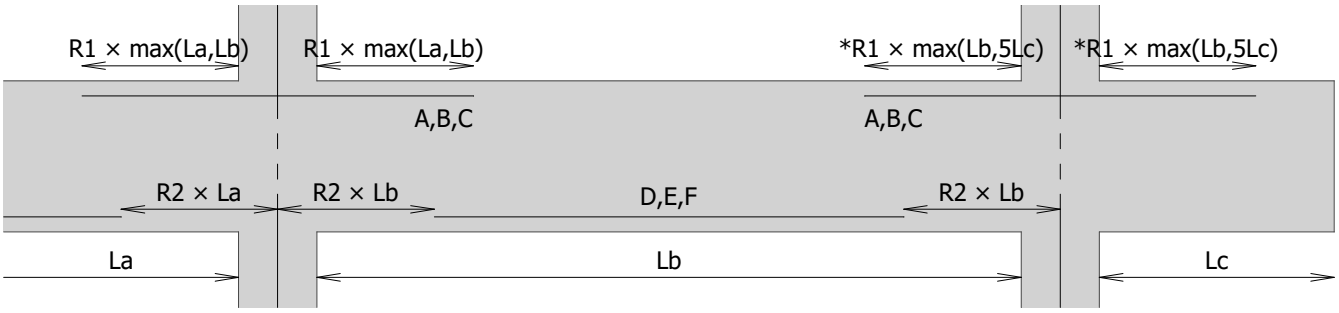
318-11 Strength Design
Punching Shear Design

Ductility Desig

318-11 Ductility Design

Detailing Rules

Custom Span Detailing Rules



Rule Name	*A Fraction*	*A R1*	*B Fraction*	*B R1*	*C Fraction*	*C R1*	*D Fraction*	*D R2*	*E Fraction*	*E R2*	*F Fraction*	*F R2*
None	0	0	0	0	0	0	0	0	0	0	0	0

"A", "B" and "C", are support reinforcement sets, based on the peak reinforcement in the support zone.
"D", "E" and "F", are span reinforcement sets, based on the peak reinforcement in the span zone.
"*R1" is never taken as greater than 0.2 when multiplied by Lc (or Lcc).
"Fraction" is the ratio of set reinforcement to peak reinforcement. It is always in the 0.0 to 1.0 range.

Load History

Load History Step Name	*Load Combination*	*Duration (days)*	*Total Age (days)*
Maximum Short Term Load	Service LC: D + L	30	33
Sustained Load	Sustained Service LC	5000	5033
Final Instantaneous Load	Service LC: D + L	0	5033

Mesh Input: Walls Below Table

Number	Location feet	Mix	Fixed Near	Fixed Far	Comp.	Height feet	Thickness inches
1	(-192.2,-1.583)(-159.3,-1.583)	4000 psi	false	false	true	10	10
2	(-161.6,-82.57)(-161.6,-69.08)	6000 psi	false	false	true	10	12
3	(-158,-74.05)(-158,-62.65)	6000 psi	false	false	true	10	12
4	(-140.5,-94.13)(-161.6,-94.13)	6000 psi	false	false	true	10	12
5	(-140.5,-83.15)(-161.6,-83.15)	6000 psi	false	false	true	10	12
6	(-158,-62.55)(-136.2,-62.55)	6000 psi	false	false	true	10	12
7	(-140.5,-82.57)(-140.5,-94.57)	6000 psi	false	false	true	10	12
8	(-136.7,-62.55)(-136.7,-74.05)	6000 psi	false	false	true	10	12
9	(-152,-1.583)(-117.8,-1.552)	4000 psi	false	false	true	10	10
10	(-56.72,-65.28)(-56.72,-76.02)	6000 psi	false	false	true	10	12
11	(-69.5,-1.552)(-35.53,-1.552)	4000 psi	false	false	true	10	8
12	(-56.72,-65.78)(-41.18,-65.78)	6000 psi	false	false	true	10	12
13	(-56.72,-75.7)(-35.72,-75.70)	6000 psi	false	false	true	10	12
14	(-36.55,-88.08)(-36.55,-95.04)	6000 psi	false	false	true	10	12
15	(-35.72,-65.28)(-35.72,-76.02)	6000 psi	false	false	true	10	12
16	(-27.39,-11.56)(-27.39,-1.583)	4000 psi	false	false	true	10	16
17	(-29.33,-1.583)(-0.6667,-1.583)	4000 psi	false	false	true	10	10

Mesh Input: Walls Below Table (2)

ess

Shear Wall	*Use Spec LLR Params*	*Spec. LLR Levels*	*Spec. Trib. Area ft²*	*Spec. Infl. Area ft²*	*Max LLR %*
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40
true	false	1	0	0	40

Mesh Input: Columns Below Table

Number	*Location feet*	*Mix*	*Fixed Near*	*Fixed Far*	*Comp.*	*Height feet*	*B inches*	*D inches*
1	(-207,-153.1)	5000 psi	true	true	true	10	24	18
2	(-200.6,-89.05)	5000 psi	true	true	true	10	18	24
3	(-199.7,-144.9)	5000 psi	true	true	true	10	18	24
4	(-198.6,-115.2)	5000 psi	true	true	true	10	24	18
5	(-198.6,-134.5)	5000 psi	true	true	true	10	24	18
6	(-198,-65.18)	5000 psi	true	true	true	10	18	24
7	(-197.9,-160)	5000 psi	true	true	true	10	18	24
8	(-195.5,-41.31)	5000 psi	true	true	true	10	18	24
9	(-193,-17.44)	5000 psi	true	true	true	10	18	24
10	(-191.4,-151.5)	5000 psi	true	true	true	10	18	24
11	(-180.8,-44.12)	5000 psi	true	true	true	10	18	24
12	(-180.5,-117.1)	5000 psi	true	true	true	10	24	18
13	(-177,-67.39)	5000 psi	true	true	true	10	18	24
14	(-176.8,-92.28)	5000 psi	true	true	true	10	18	24
15	(-165.9,-123.5)	5000 psi	true	true	true	10	18	24
16	(-164.9,-47.89)	5000 psi	true	true	true	10	18	24
17	(-164.6,-22.53)	5000 psi	true	true	true	10	24	18
18	(-164.4,-141.2)	5000 psi	true	true	true	10	18	24
19	(-145.3,-22.83)	5000 psi	true	true	true	10	18	24
20	(-144.5,-120.4)	5000 psi	true	true	true	10	18	24
21	(-138.3,-51.35)	5000 psi	true	true	true	10	18	24
22	(-138.2,-136)	5000 psi	true	true	true	10	18	24
23	(-135.3,-110.1)	5000 psi	true	true	true	10	18	24
24	(-120.6,-101.9)	5000 psi	true	true	true	10	18	24
25	(-118.9,-75.16)	5000 psi	true	true	true	10	24	18
26	(-118.8,-22.8)	5000 psi	true	true	true	10	18	24
27	(-118.4,-52.35)	5000 psi	true	true	true	10	18	24
28	(-115.9,-127)	5000 psi	true	true	true	10	18	24
29	(-109.7,-60.83)	5000 psi	true	true	true	10	18	24
30	(-95,-75.17)	5000 psi	true	true	true	10	18	24
31	(-94.55,-101.9)	5000 psi	true	true	true	10	18	24
32	(-93.65,-118.1)	5000 psi	true	true	true	10	18	24
33	(-87.45,-47.3)	5000 psi	true	true	true	10	24	18
34	(-86.02,-66.08)	5000 psi	true	true	true	10	24	18
35	(-71.38,-109.1)	5000 psi	true	true	true	10	18	24
36	(-68.7,-22.83)	5000 psi	true	true	true	10	18	24
37	(-67.92,-66.08)	5000 psi	true	true	true	10	24	18
38	(-65.26,-94)	5000 psi	true	true	true	10	18	24
39	(-60.2,-44.83)	5000 psi	true	true	true	10	18	24
40	(-48.99,-100.5)	5000 psi	true	true	true	10	18	24
41	(-45.8,-22.83)	5000 psi	true	true	true	10	18	24
42	(-41.7,-44.83)	5000 psi	true	true	true	10	18	24
43	(-28.53,-90.28)	5000 psi	true	true	true	10	18	24
44	(-19.02,-17.34)	5000 psi	true	true	true	10	24	18
45	(-14.46,-46.58)	5000 psi	true	true	true	10	24	18
46	(-14.45,-61.73)	5000 psi	true	true	true	10	24	18

Mesh Input: Columns Below Table (2)

Angle degrees	*Roller*	*I Factor*	*Use Spec LLR Params*	*Spec. LLR Levels*	*Spec. Trib. Area ft²*	*Spec. Infl. Area ft²*
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
22	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
84	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
84	false	1	false	1	0	0
-6	false	1	false	1	0	0
-6	false	1	false	1	0	0
90	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
90	false	1	false	1	0	0
0	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
22	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
112	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0

Mesh Input: Columns Below Table (3)

Infl. Area	Max LLR %
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40
	40

Mesh Input: Columns Below Table (4)

Number	*Location feet*	*Mix*	*Fixed Near*	*Fixed Far*	*Comp.*	*Height feet*	*B inches*	*D inches*
47	(-5.364,-16.83)	5000 psi	true	true	true	10	24	18
48	(-5.313,-48.08)	5000 psi	true	true	true	10	24	18
49	(-3.839,-76.29)	5000 psi	true	true	true	10	24	18
50	(-3.615,-61.75)	5000 psi	true	true	true	10	24	18
51	(-1.469,-92.28)	5000 psi	true	true	true	10	18	24

Mesh Input: Columns Below Table (5)

Angle degrees	*Roller*	*I Factor*	*Use Spec LLR Params*	*Spec. LLR Levels*	*Spec. Trib. Area ft²*	*Spec. Infl. Area ft²*
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0
0	false	1	false	1	0	0

Mesh Input: Columns Below Table (6)

nfl. Area	*Max LLR %*
	40
	40
	40
	40
	40

Mesh Input: Slab Areas Table

Number	*Location feet*	*Mix*	*Thickness inches*	*TOC inches*	*Priority*	*Behavior*	*R-Axis degrees*
1	(-190.7,-158.2)(-168.1,-140.2)(-169.8,-145)(-163.9,-142.7)(-164.8,-140.43)(-193,-150.8)	5000 psi	14	0	5	two-way slab	0
2	(-164.8,-140.3)(-165.4,-140.06)(-164.5,-142.9)(-163.9,-142.7)	5000 psi	14	0	5	two-way slab	0
3	(-123,-25.33)(-118,-25.33)(-118,-20.33)(-123,-20.33)	5000 psi	14	0	5	two-way slab	0
4	(-192.3,-0.7966)(-159,-0.7966)(-159.9,-10.16)(-154.2,-10.67)(-153.2,-0.7966)(-117.5,-0.7966)(-117.5,-50.35)(-109.4,-50.35)(-109	5000 psi	14	0	5	two-way slab	0

Mesh Input: Slab Areas Table (2)

s	KMr	KMs	KMrs	KFr	KFs	KVrs
	1	1	1	1	1	1
	1	1	1	1	1	1
	1	1	1	1	1	1
	1	1	1	1	1	1

Mesh Input: Beams Table

Number	Location feet	Mix	Thickness inches	TOC inches	Priority	Mesh As Slab	Width inches
1	(-200.8,-115.5)(-195.6,-64.05)(-204.1,-165.2)(-198.9,-64.31)(-197.5,-165.8)(-192.3,-64.99)	5000 psi	16	0	1	true	80
2	(-190.3,-1)(-196.9,-64.55)(-188.3,-0.9974)(-194.9,-64.76)(-192.3,-0.9984)(-198.9,-64.34)	5000 psi	17	0	1	true	48
3	(-36.79,-92.65)(-163.5,-140.6)(-35.54,-95.92)(-162.2,-146.8)(-38.1,-89.4)(-164.8,-140.3)	4000 psi	15	0	1	true	84
4	(-97.9,-48.85)(-77.42,-46.35)(-97.9,-46.35)(-77.42,-46.35)(-97.9,-51.35)(-77.42,-51.35)	5000 psi	5	0	5	true	60

Mesh Input: Beams Table (2)

Width inches	Behavior	KMr	KMs	KMrs	KFr	KFs	KVrs
	no-torsion two-way slab	1	1	0.001	1	1	1
	no-torsion two-way slab	1	1	0.001	1	1	1
	no-torsion two-way slab	1	1	0.001	1	1	1
	no-torsion two-way slab	1	1	0.001	1	1	1