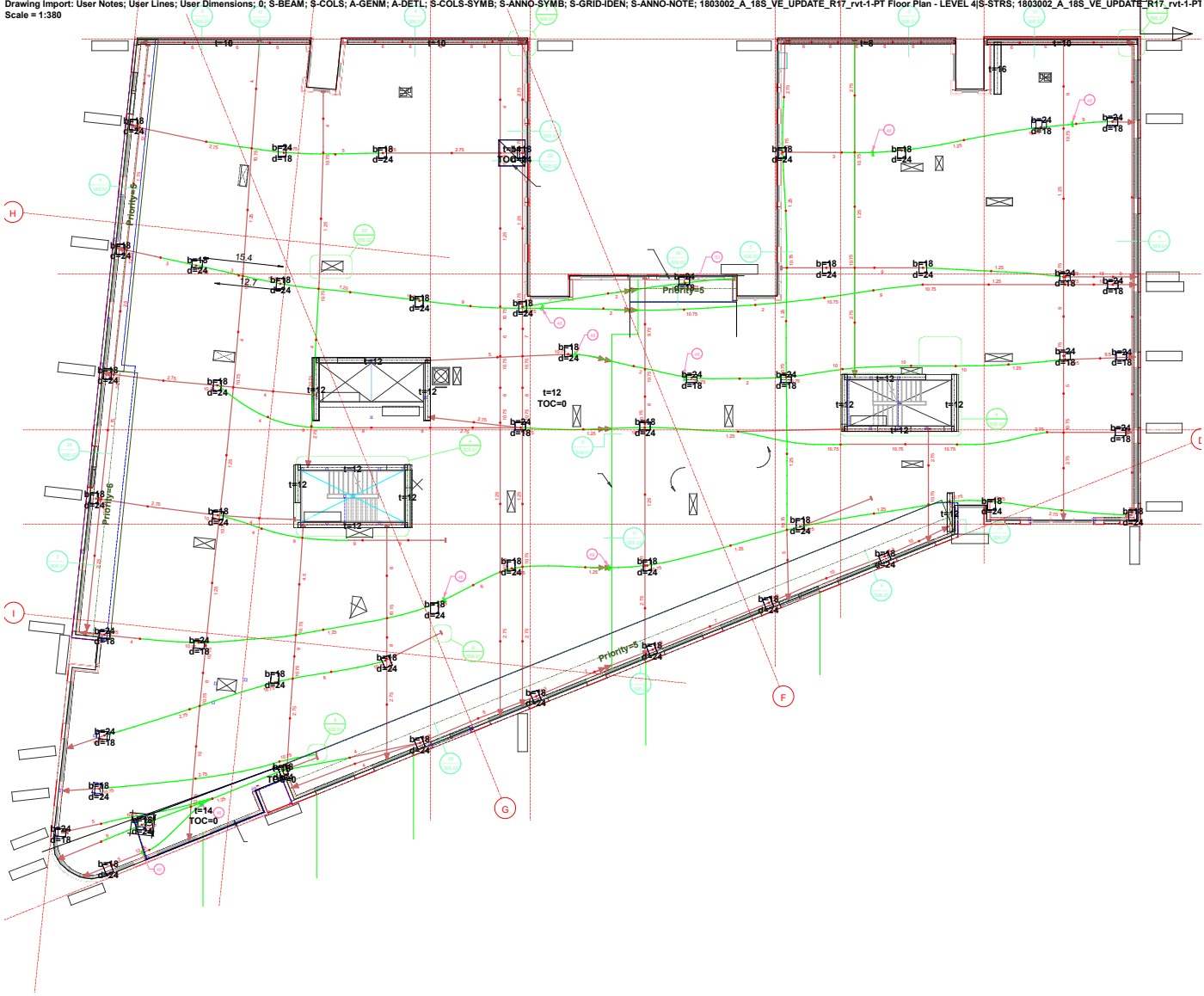
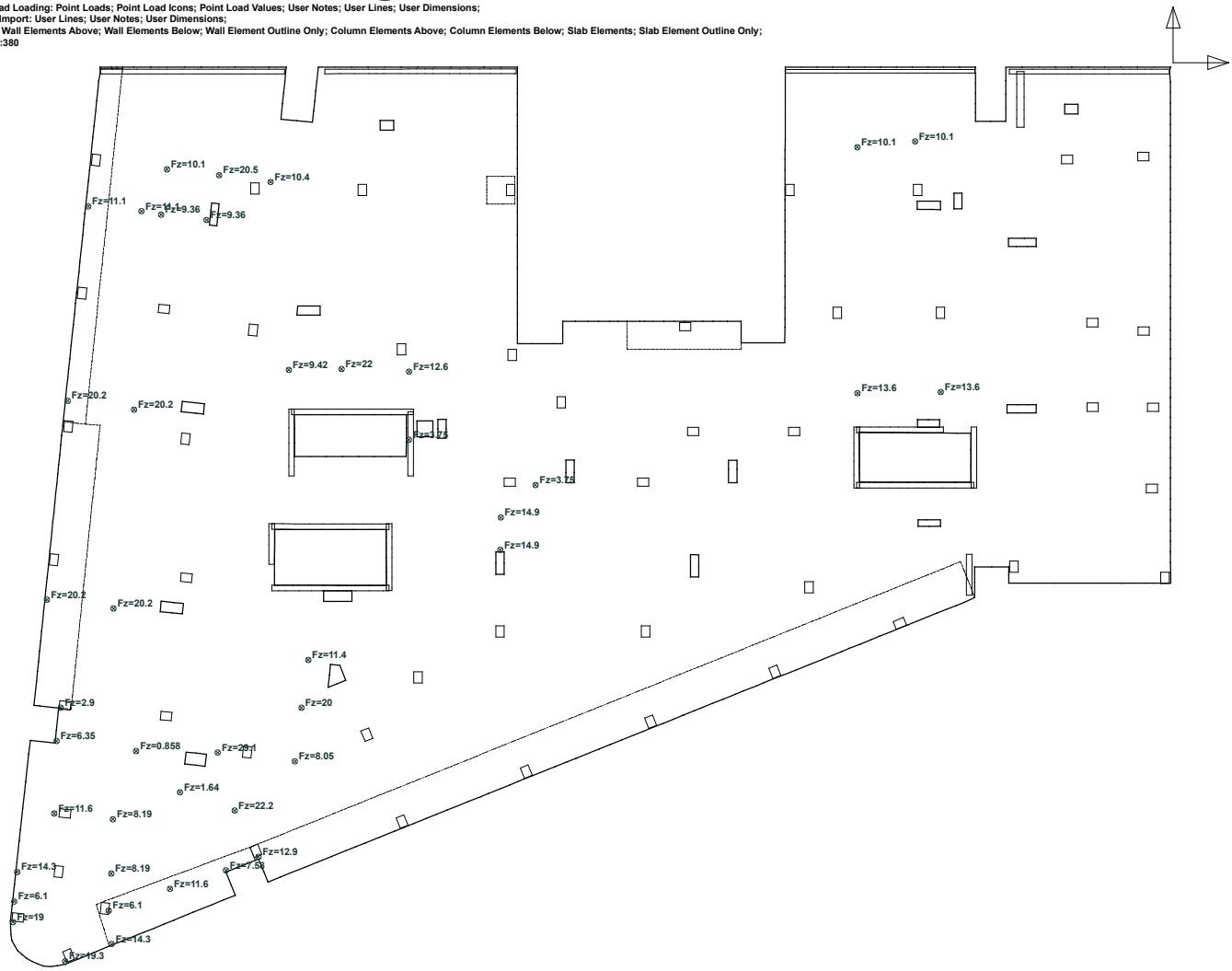
Mesh Input: Standard Plan

Mesh Input: Beams; Beam Priorities; Slab Areas; Slab AreaT hicknesses; Slab Area Elevations; Slab Openings; Point Supports; Point Support Icons; Line Supports; Line Support Icons; Walls Above; Walls Below; Wall Thicknesses; Columns Above; Columns Below; Column Dimens
Drawing Import: User Notes; User Lines; User Dimensions; 0; S-BEAM; S-COLS; A-GENM; A-DETL; S-COLS-SYMB; S-ANNO-SYMB; S-GRID-IDEN; S-ANNO-NOTE; 1803002_A_18S_VE_UPDATE_R17_rvt-1-PT Floor Plan - LEVEL 4|S-STRS; 1803002_A_18S_VE_UPDATE_R17_rvt-1-PT
Scale = 1:380



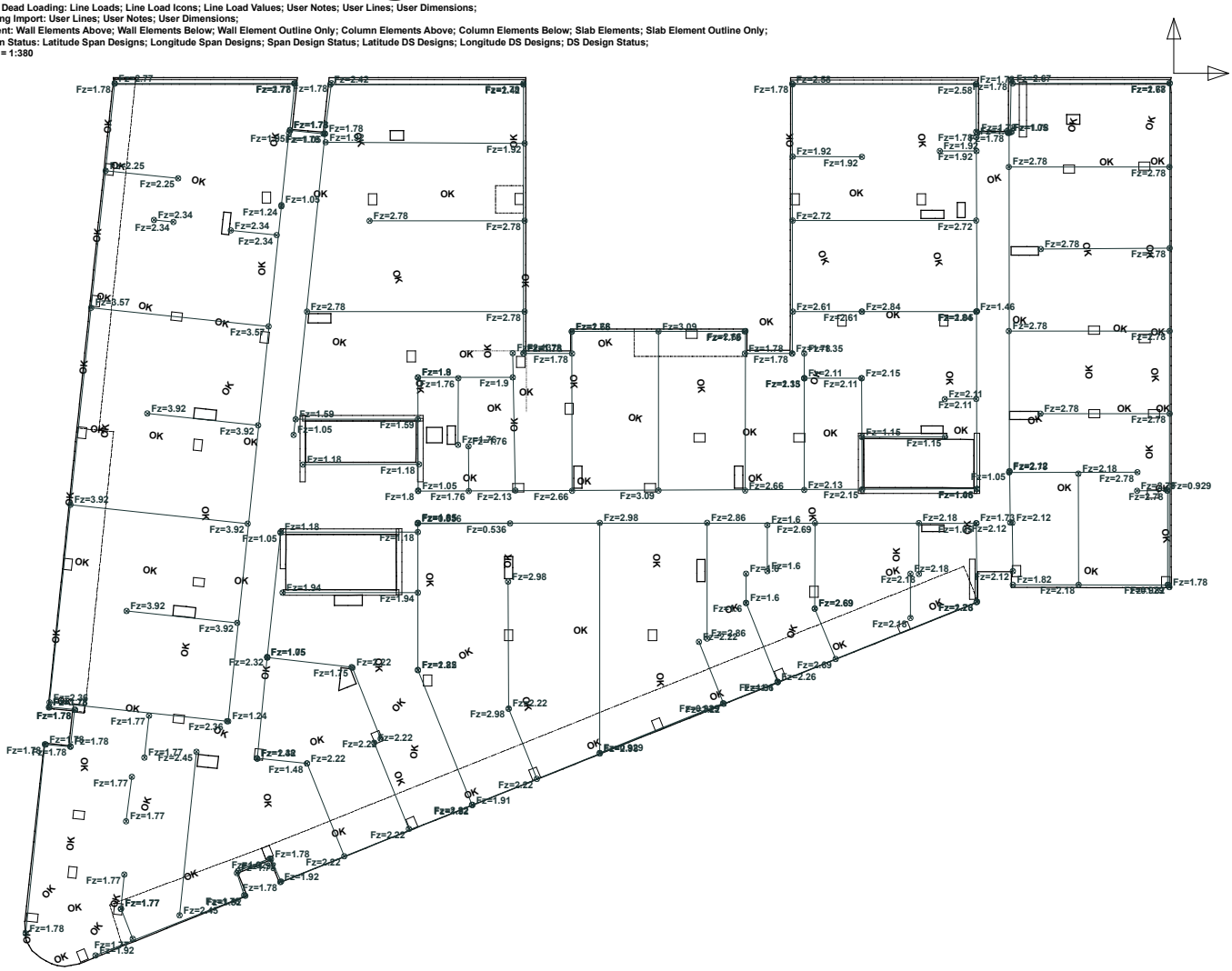
Other Dead Loading: Point Loads Plan

Other Dead Loading: 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



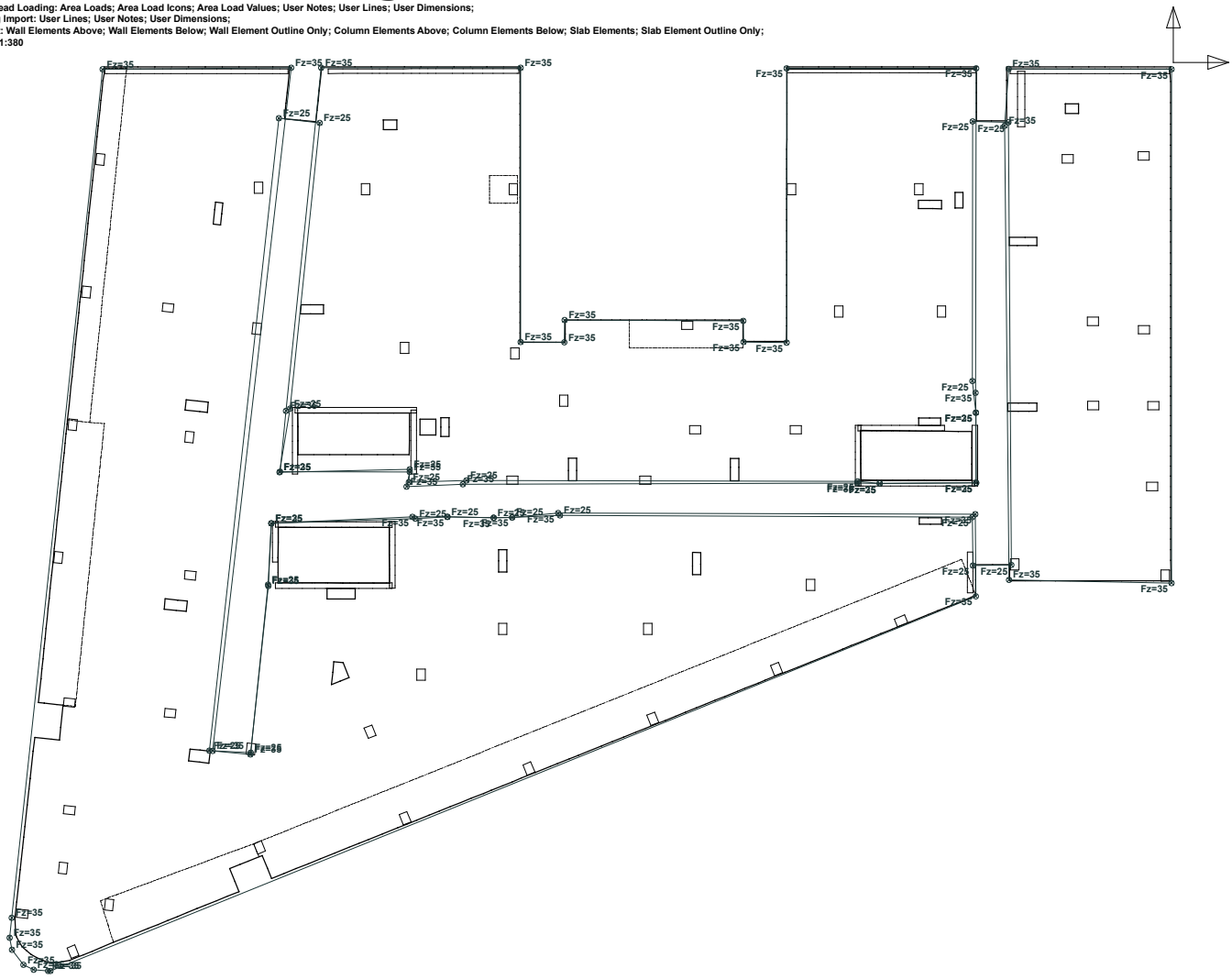
Other Dead Loading: Line Loads Plan

Other Dead Loading: Line Loads; Line Load Icons; Line 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;
Design Status: Latitude Span Designs; Longitude Span Designs; Span Design Status; Latitude DS Designs; Longitude DS Designs; DS Design Status;
Scale = 1:380



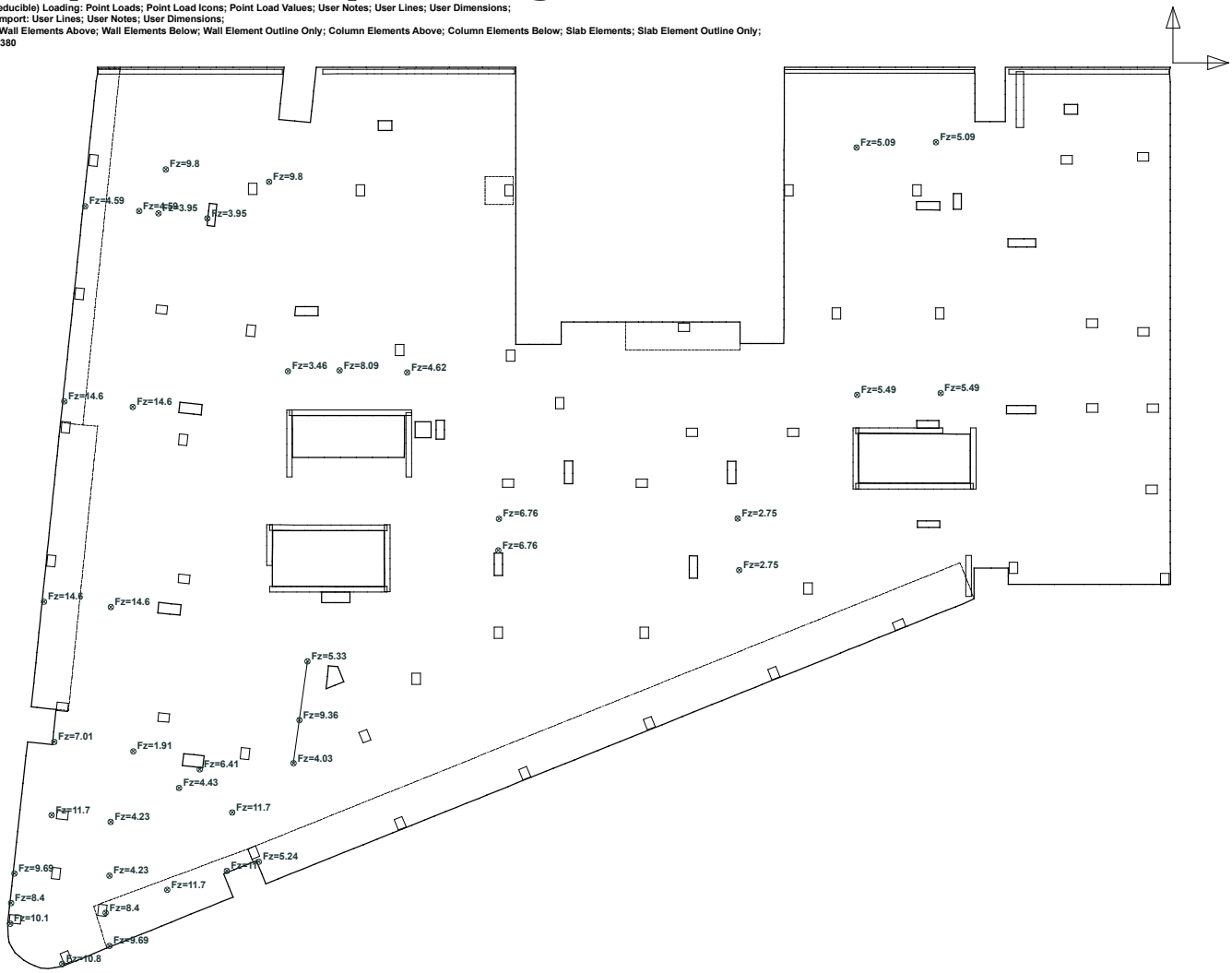
Other Dead Loading: Area Loads Plan

Other Dead Loading: Area Loads; 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



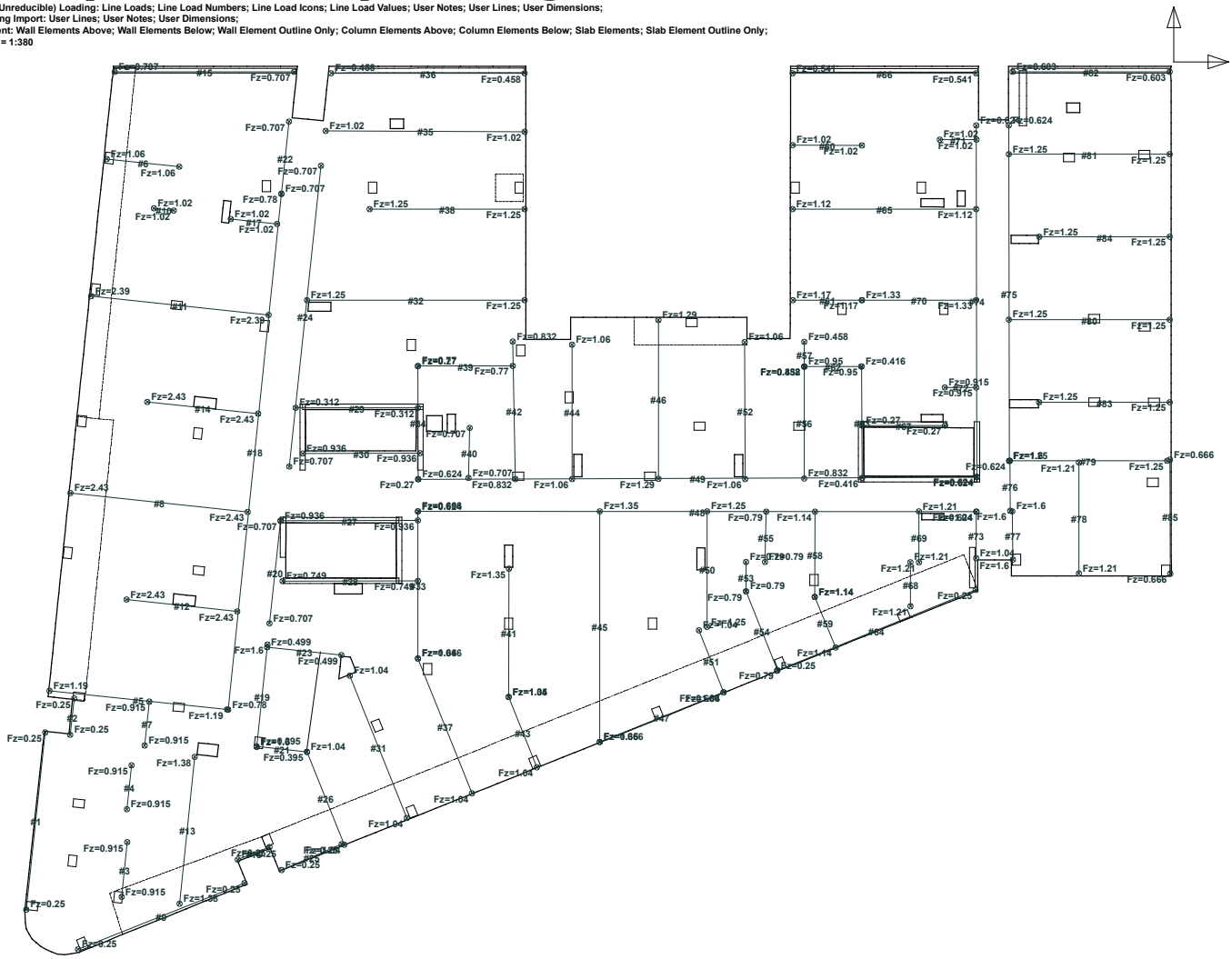
Live (Unreducible) Loading: Point Loads Plan

Live (Unreducible) Loading: 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



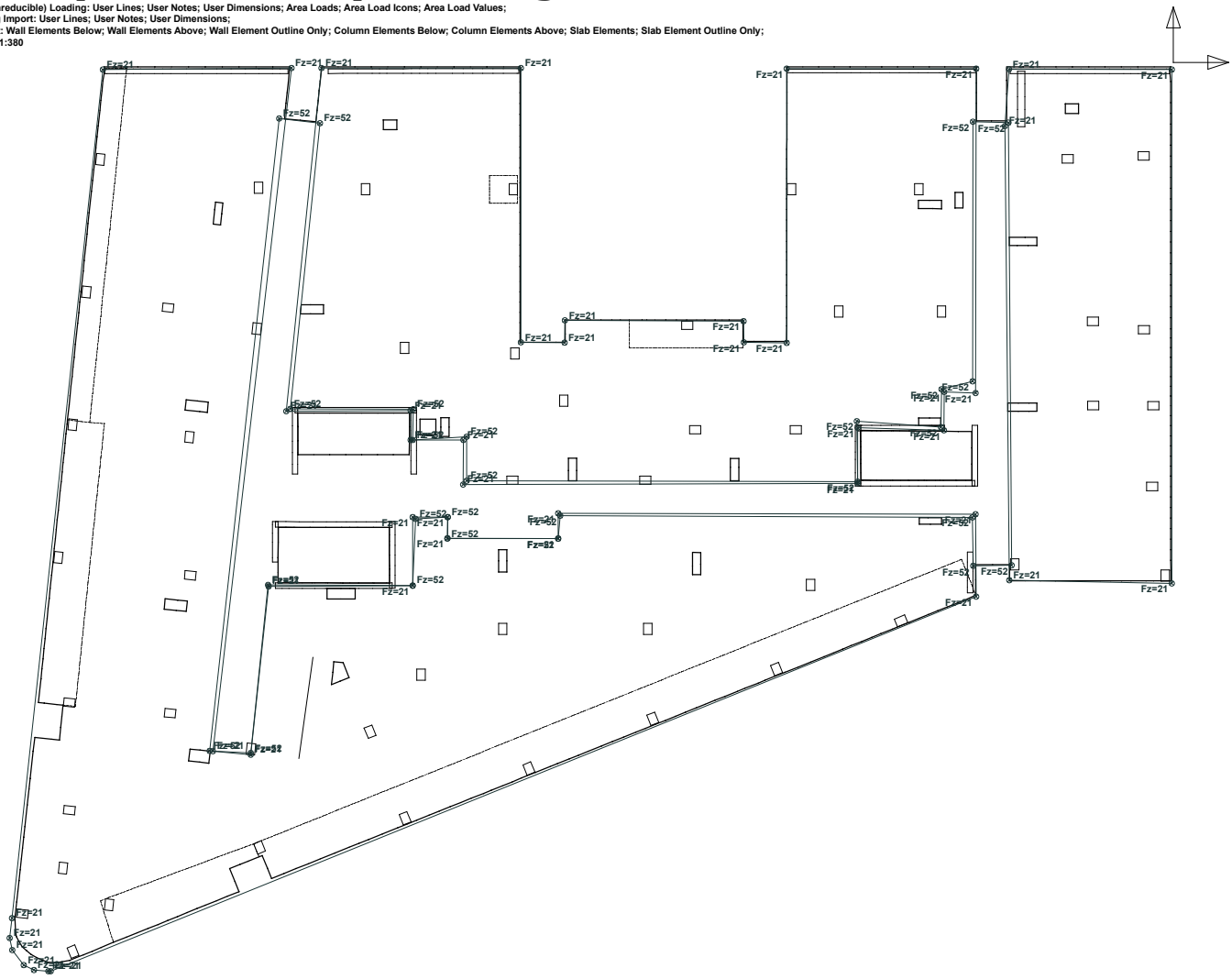
Live (Unreducible) Loading: Line Loads Plan

Live (Unreducible) Loading: Line Loads; Line Load Numbers; Line Load Icons; Line 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



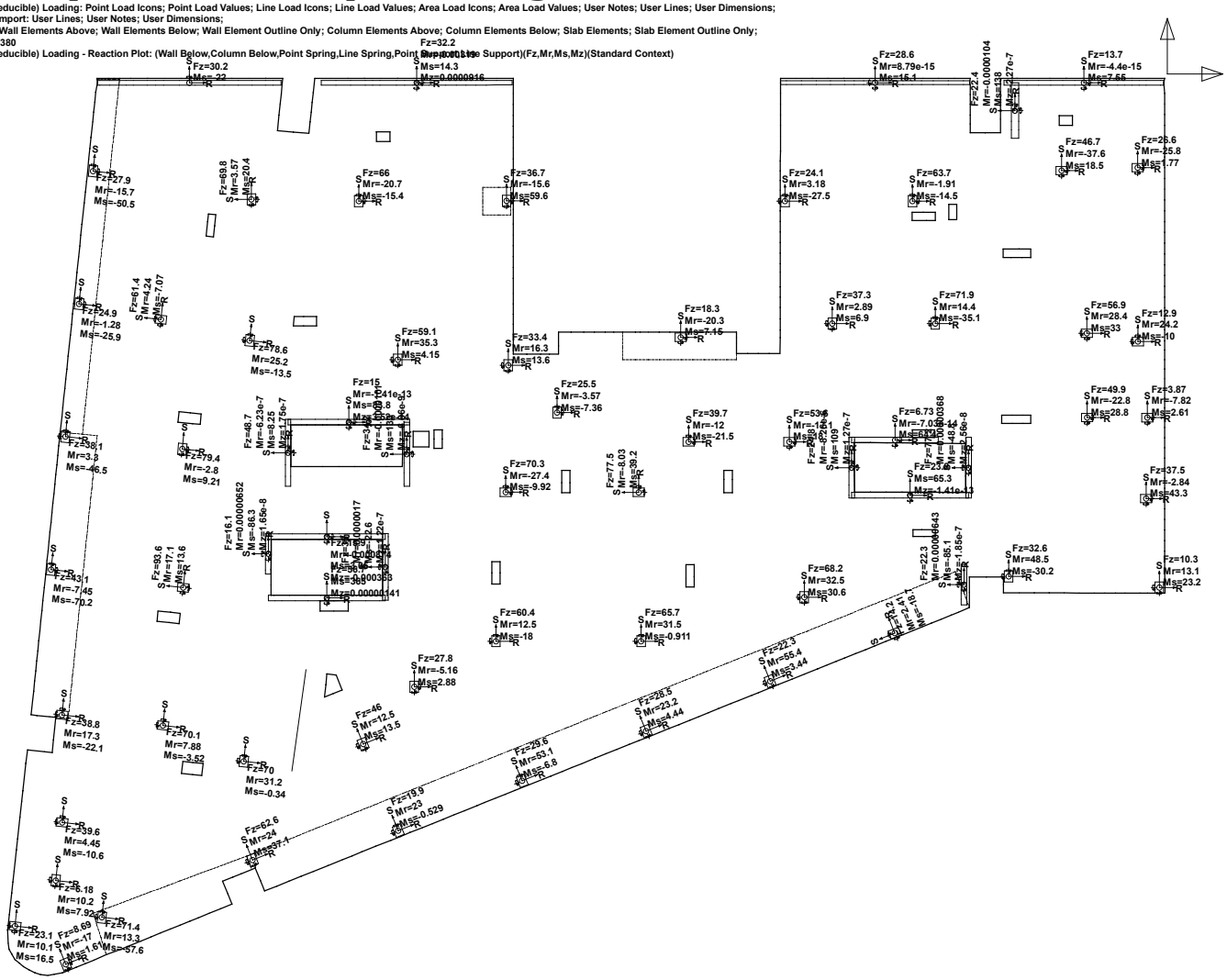
Live (Unreducible) Loading: Area Loads Plan

Live (Unreducible) Loading: User Lines; User Notes; User Dimensions; Area Loads; Area Load Icons; Area Load Values;
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



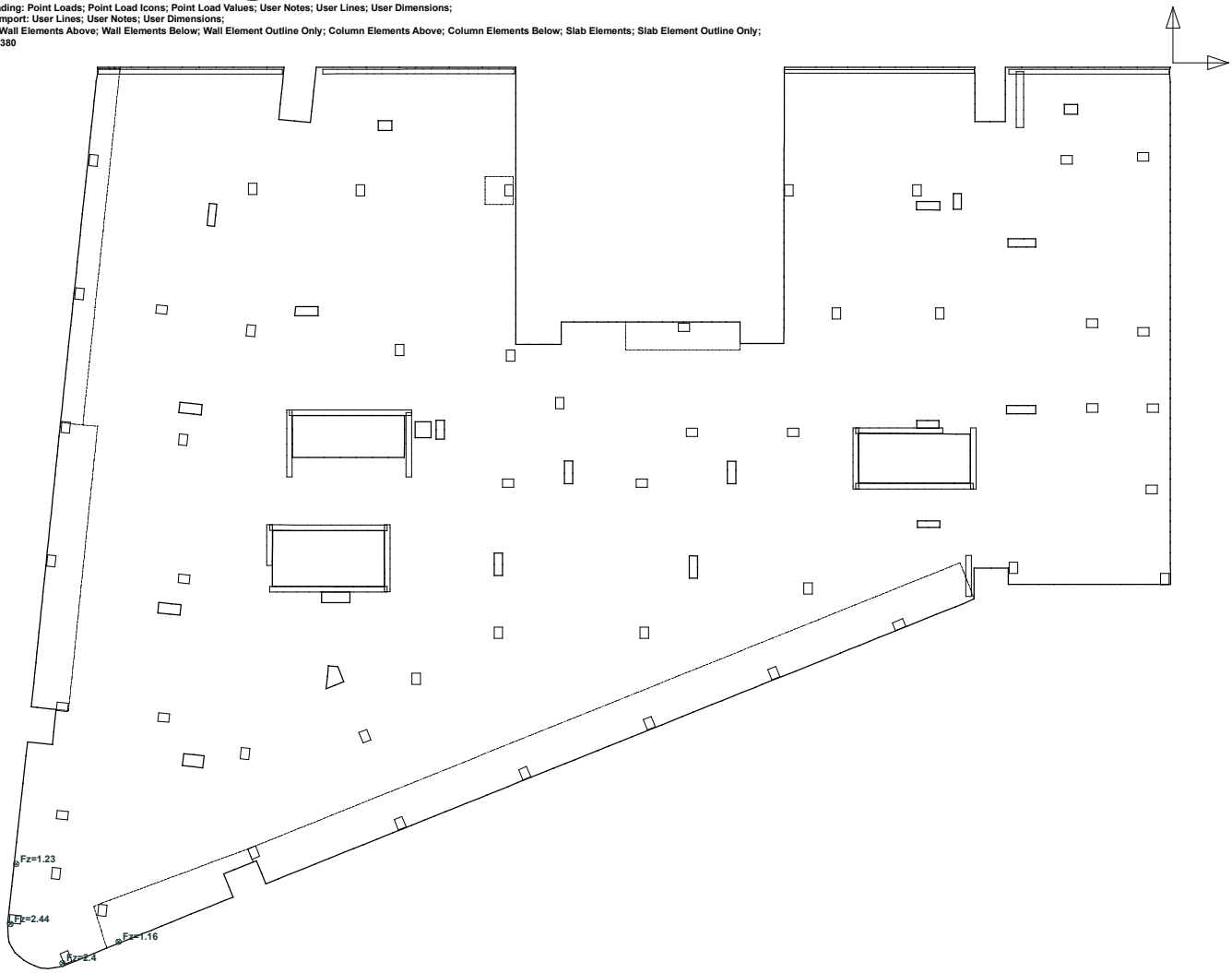
Live (Unreducible) Loading: Std Reactions Plan

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)



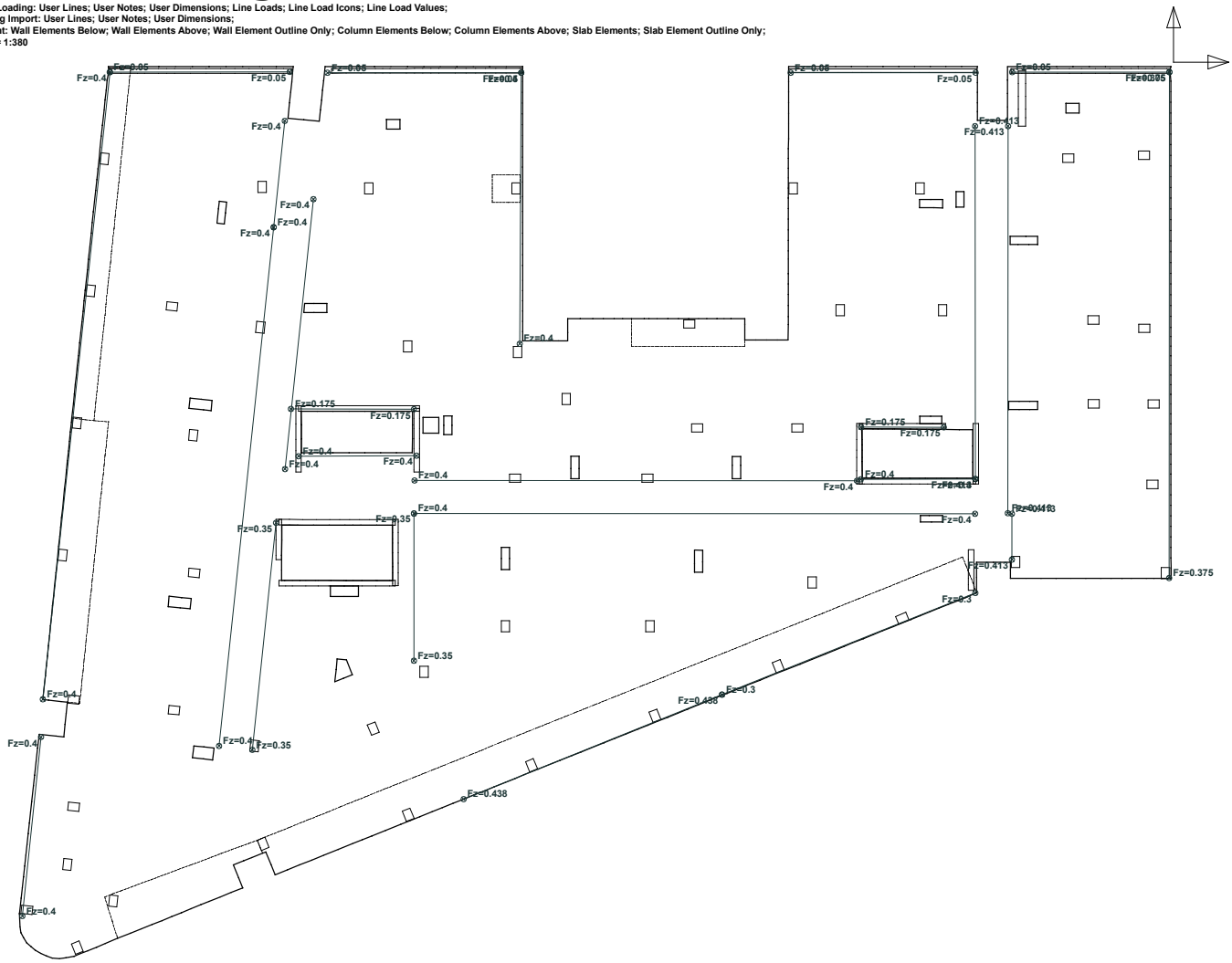
Snow Loading: Point Loads Plan

Snow Loading: 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



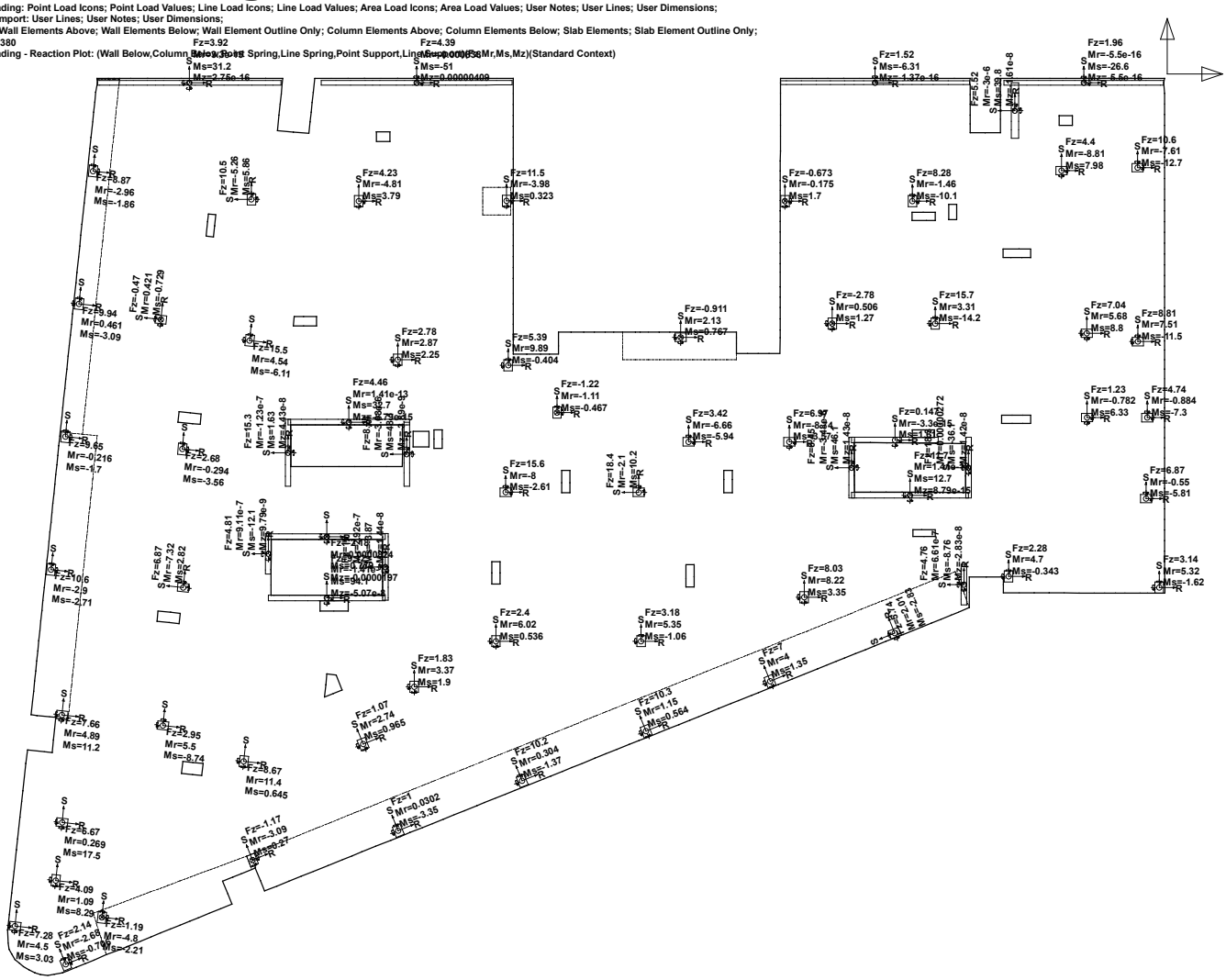
Snow Loading: Line Loads Plan

Snow Loading: User Lines; User Notes; User Dimensions; Line Loads; Line Load Icons; Line Load Values;
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



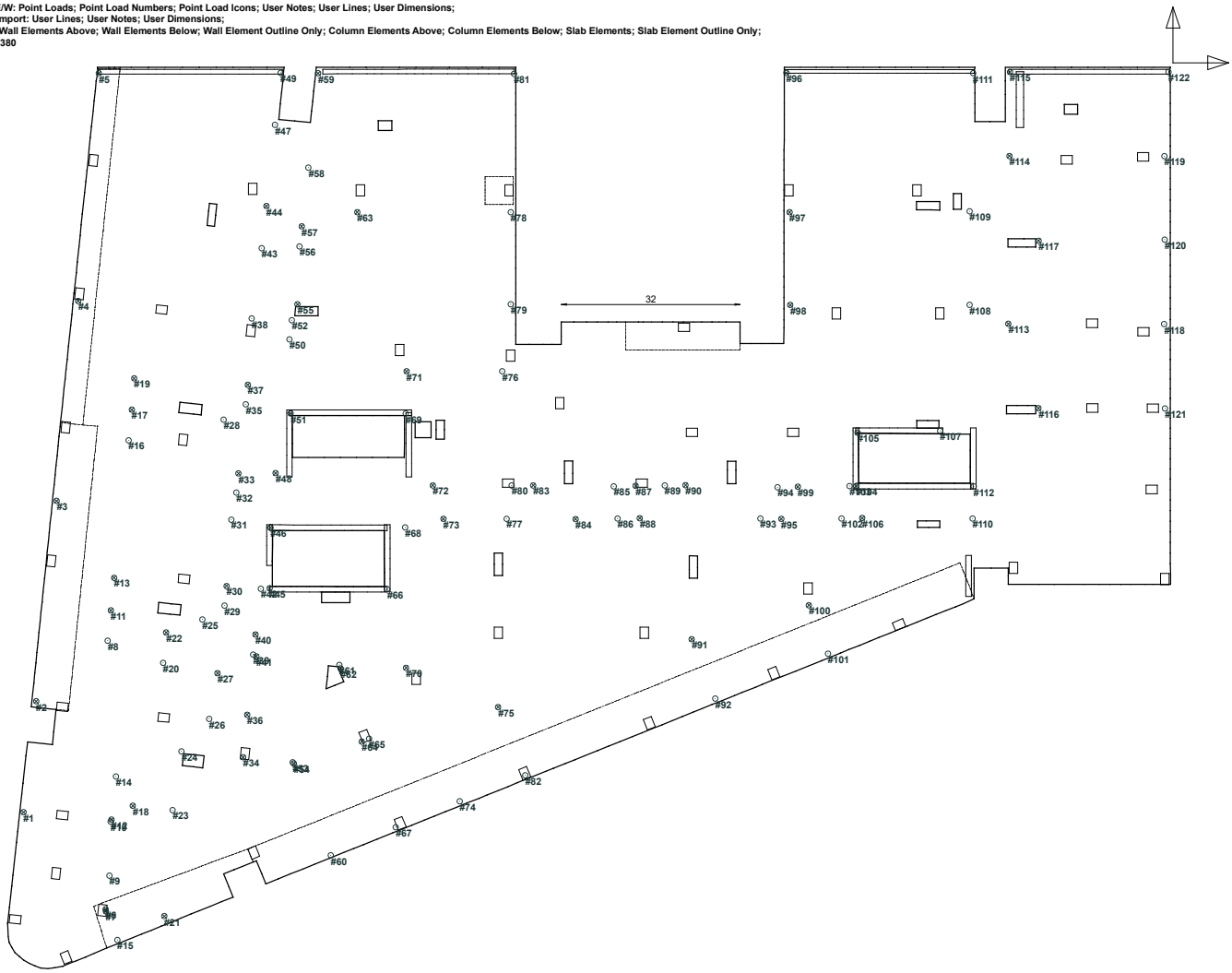
Snow Loading: Std Reactions Plan

Snow 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
Snow Loading - Reaction Plot: (Wall Below,Column Below,Point Spring,Line Spring,Point Support,Line Support)(Fz,Mr,Ms,Mz)(Standard Context)



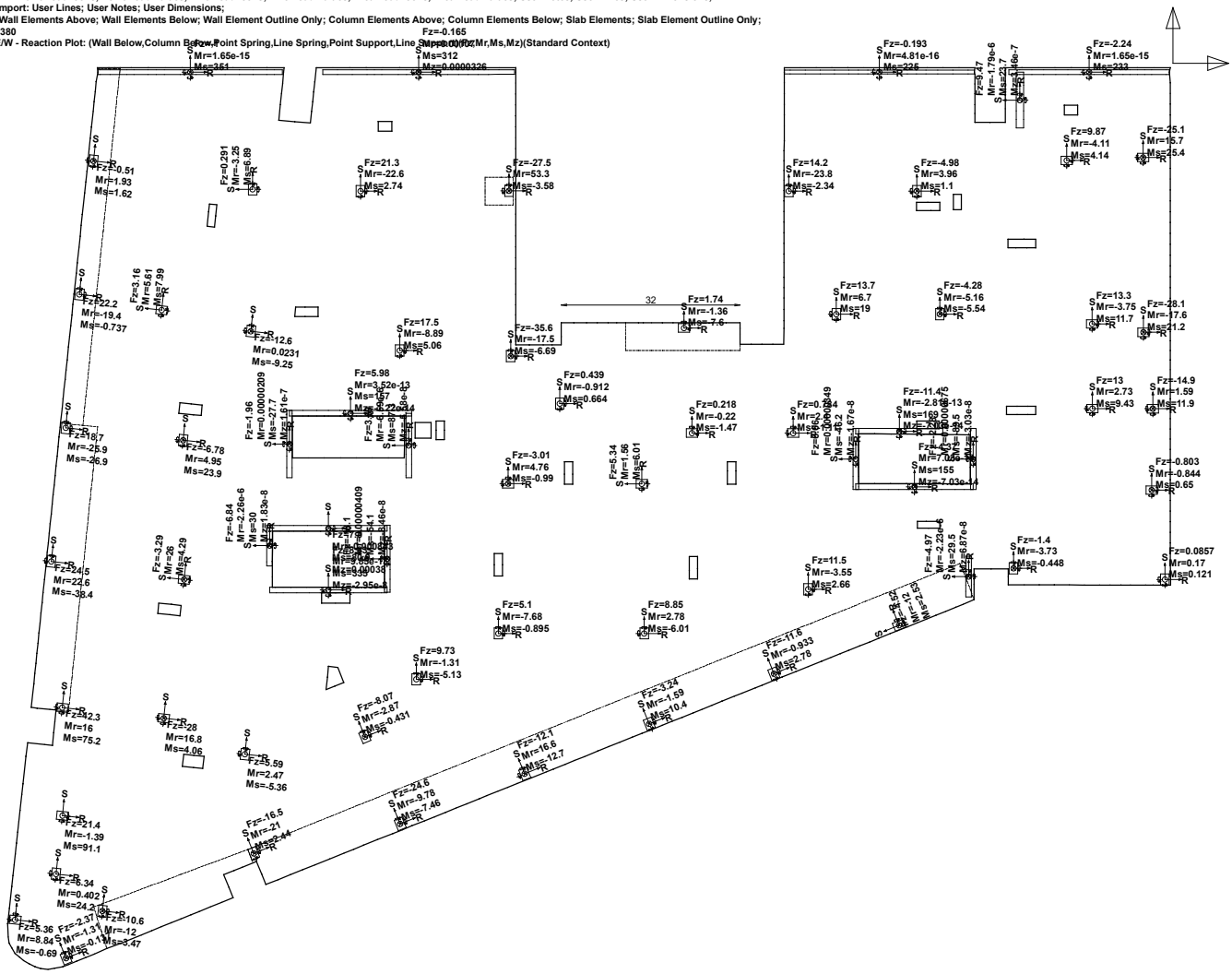
Seismic E/W: Point Loads Plan

Seismic E/W: Point Loads; Point Load Numbers; Point Load Icons; 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



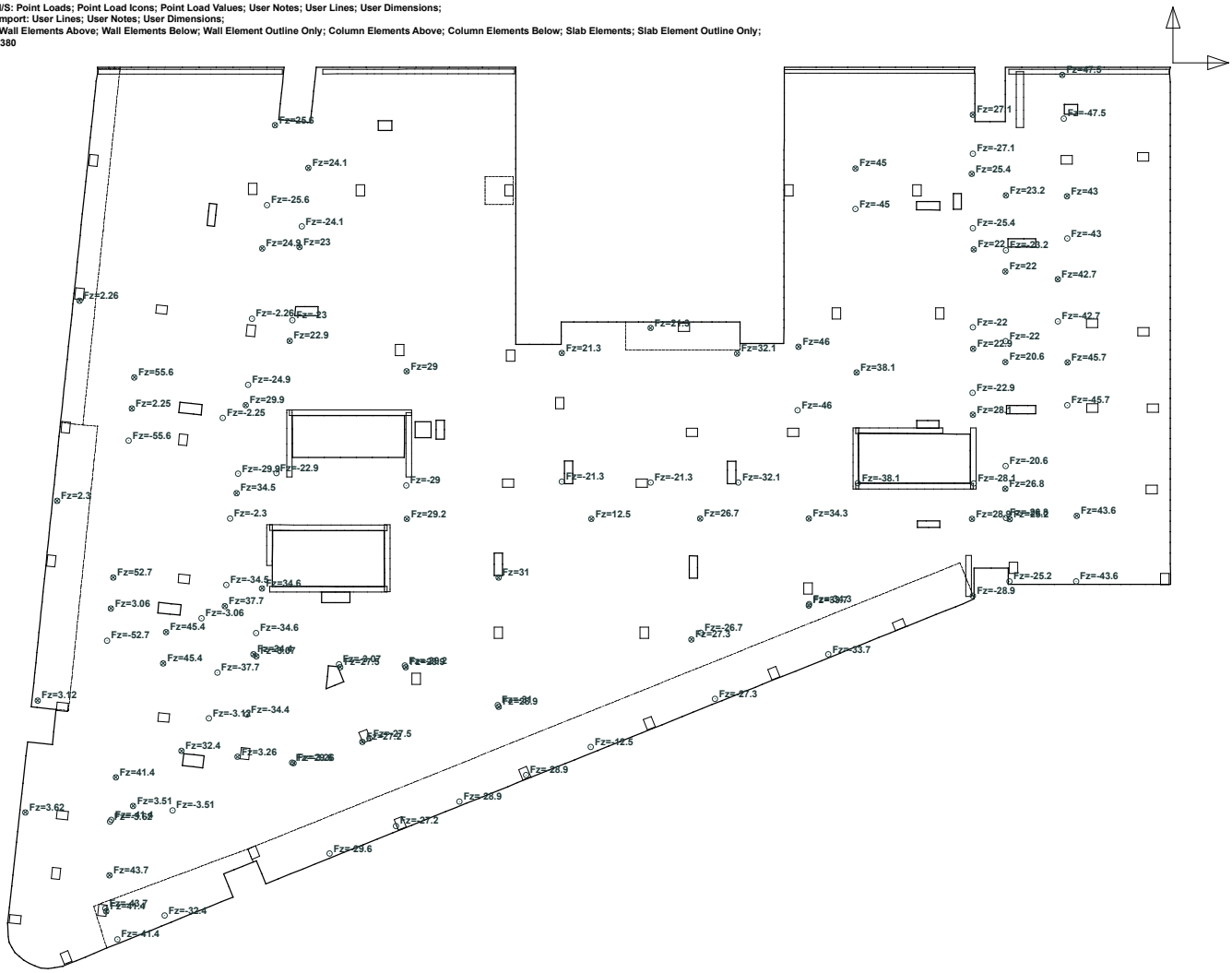
Seismic E/W: Std Reactions Plan

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)



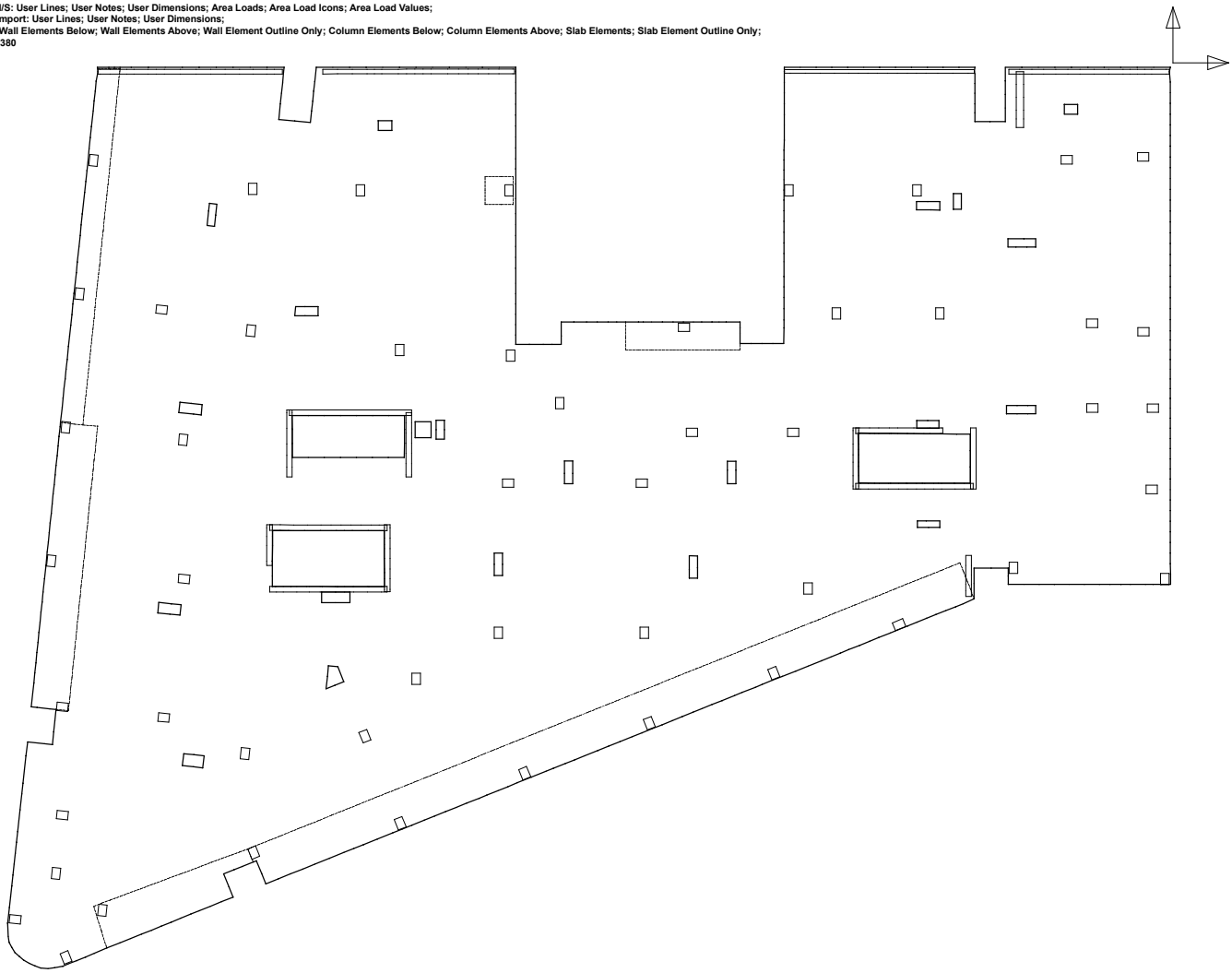
Seismic N/S: Point Loads Plan

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



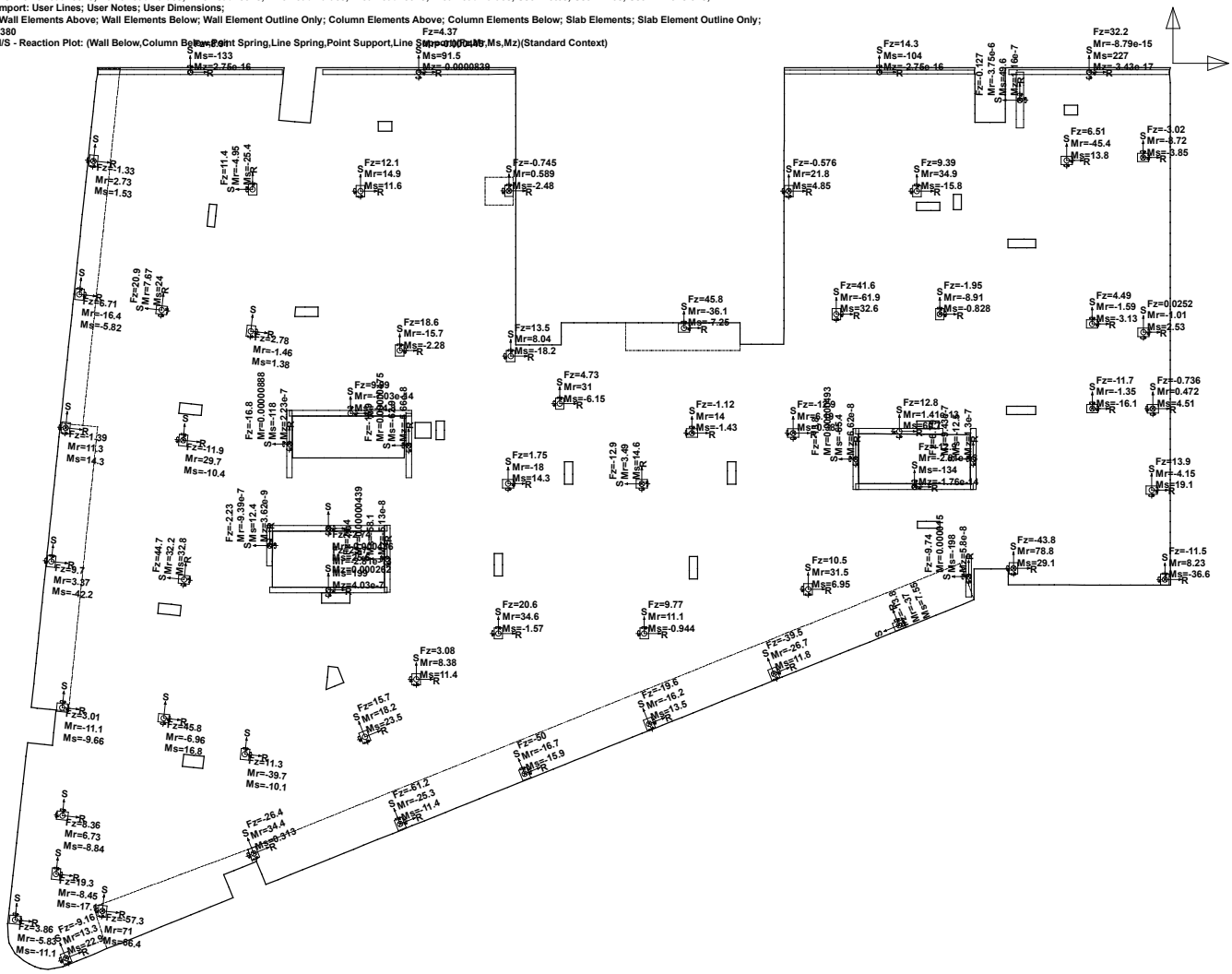
Seismic N/S: Area Loads Plan

Seismic N/S: User Lines; User Notes; User Dimensions; Area Loads; Area Load Icons; Area Load Values;
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



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)

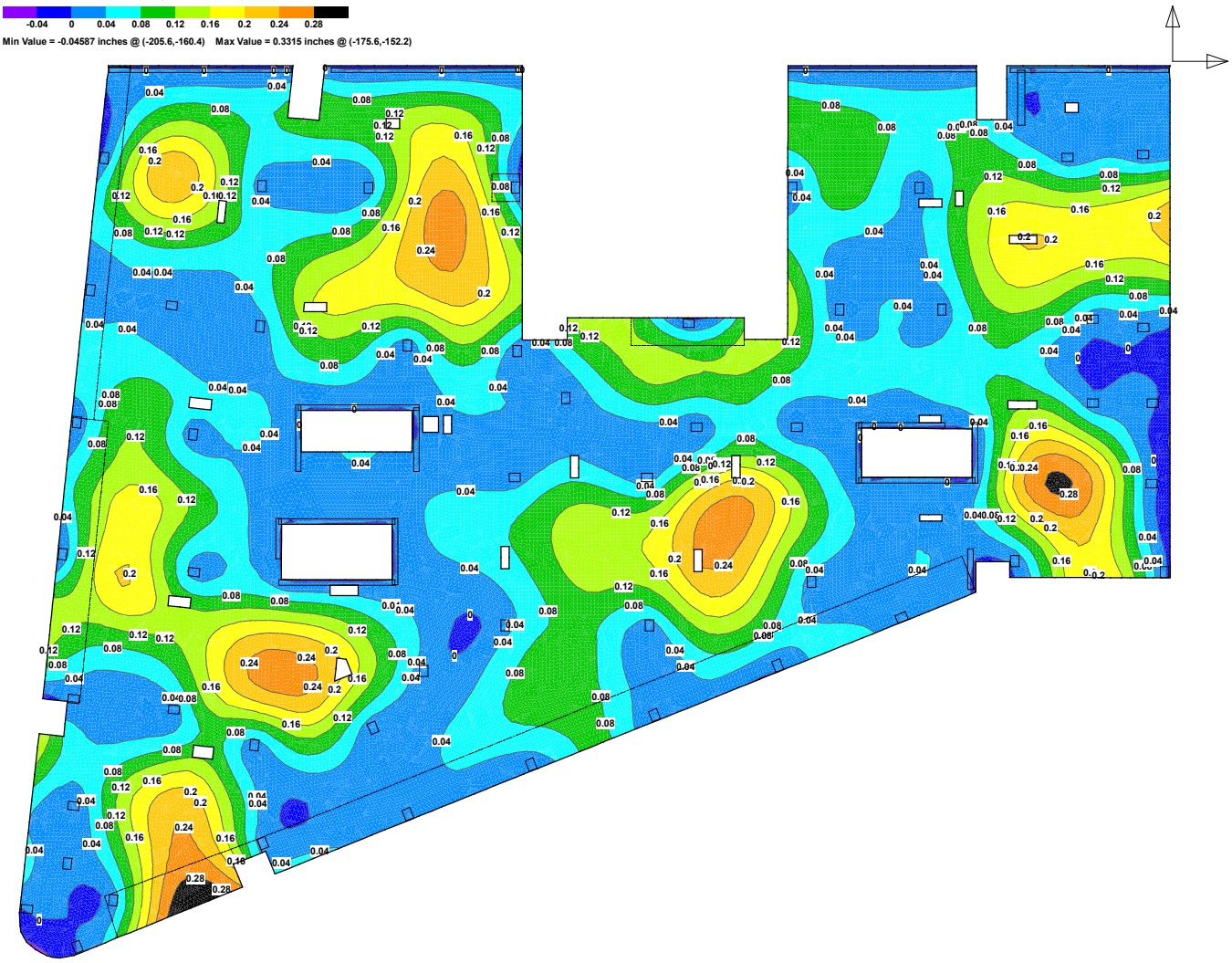


Service LC: D + L: Max Deflection Plan

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 = -0.04587 inches @ (-205.6,-160.4) Max Value = 0.3315 inches @ (-175.6,-152.2)

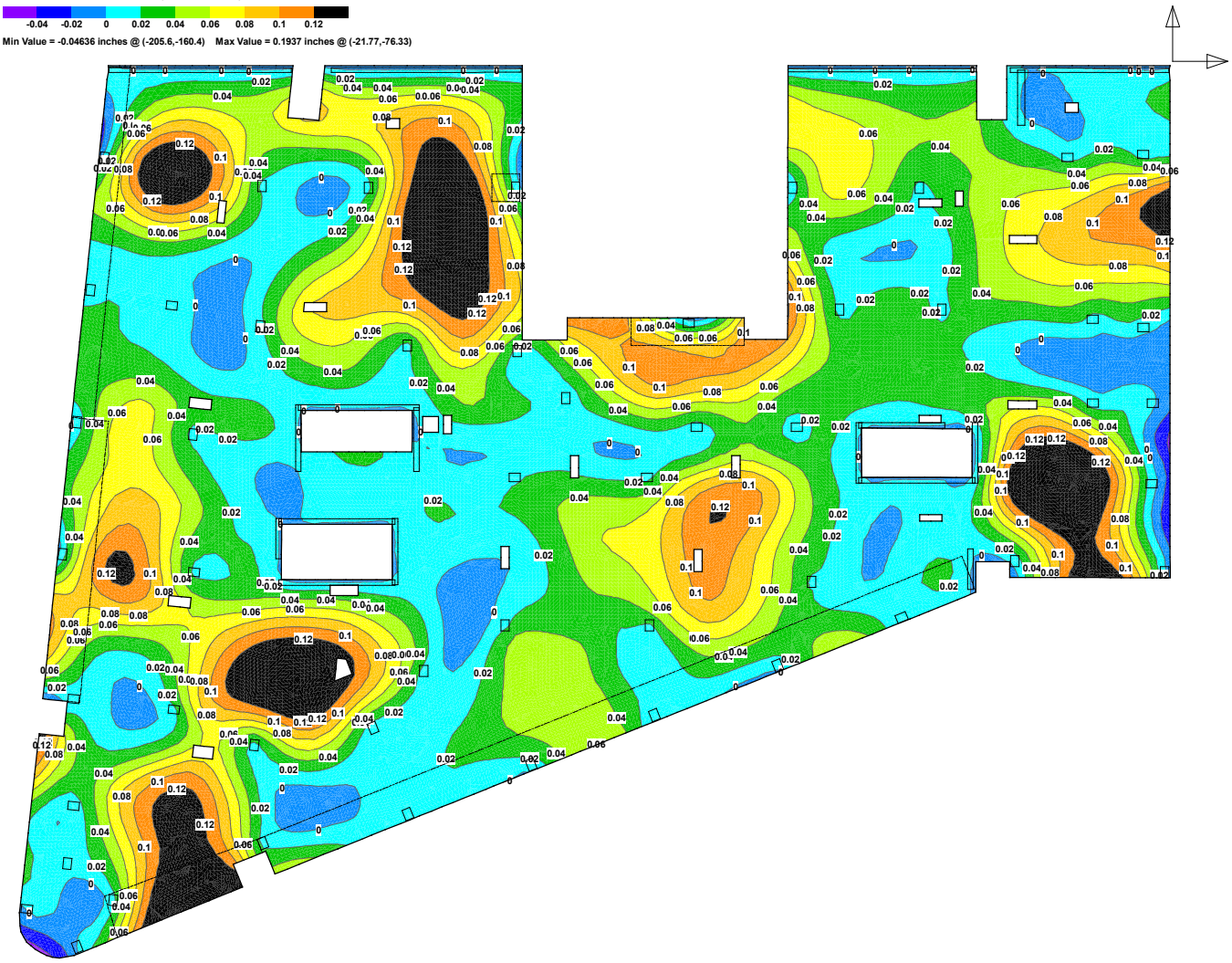


Service LC: D + L: Min Deflection Plan

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)

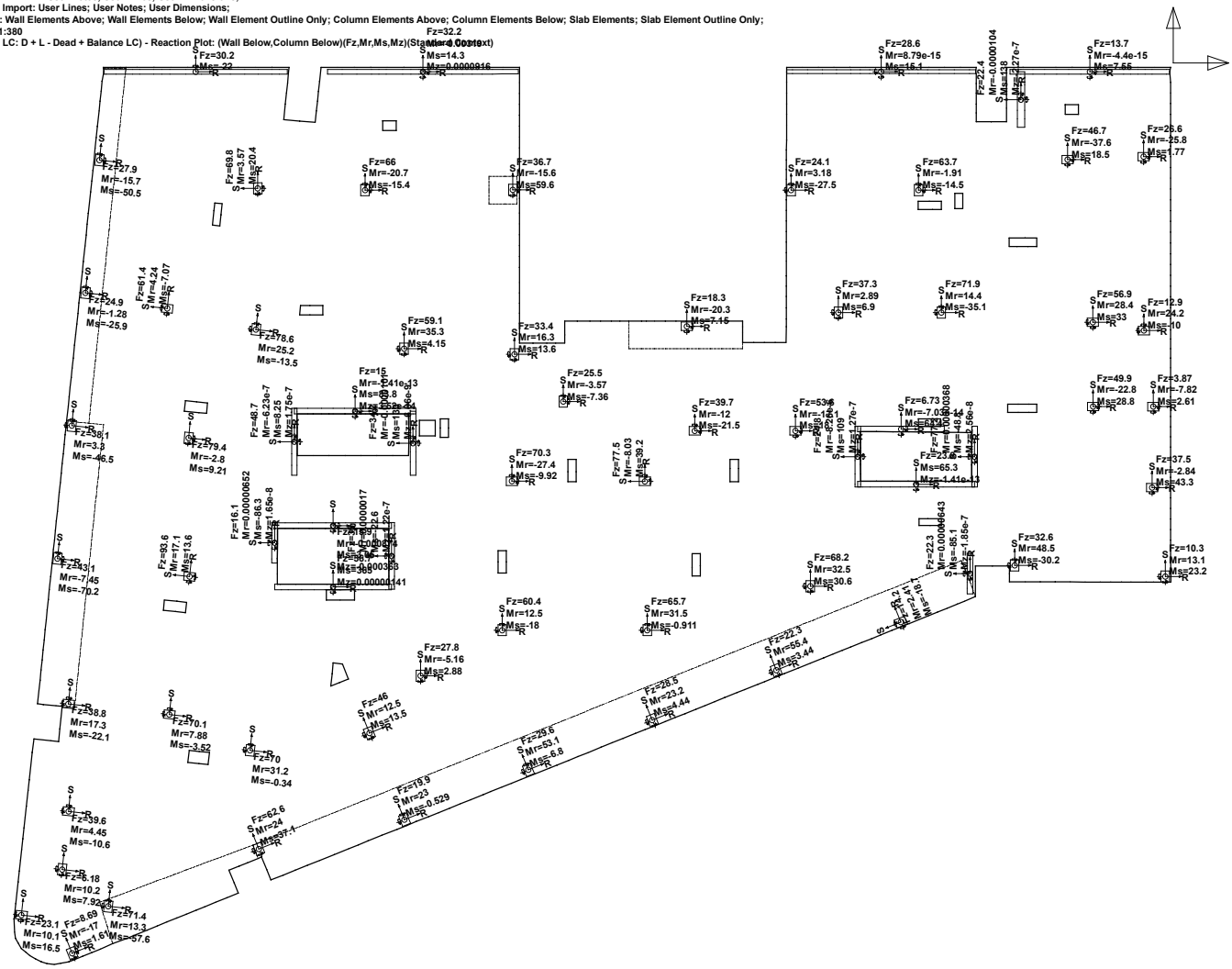
-0.04 -0.02 0 0.02 0.04 0.06 0.08 0.1 0.12

Min Value = -0.04636 inches @ (-205.6,-160.4) Max Value = 0.1937 inches @ (-21.77,-76.33)



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,Mz)(Standard Text)

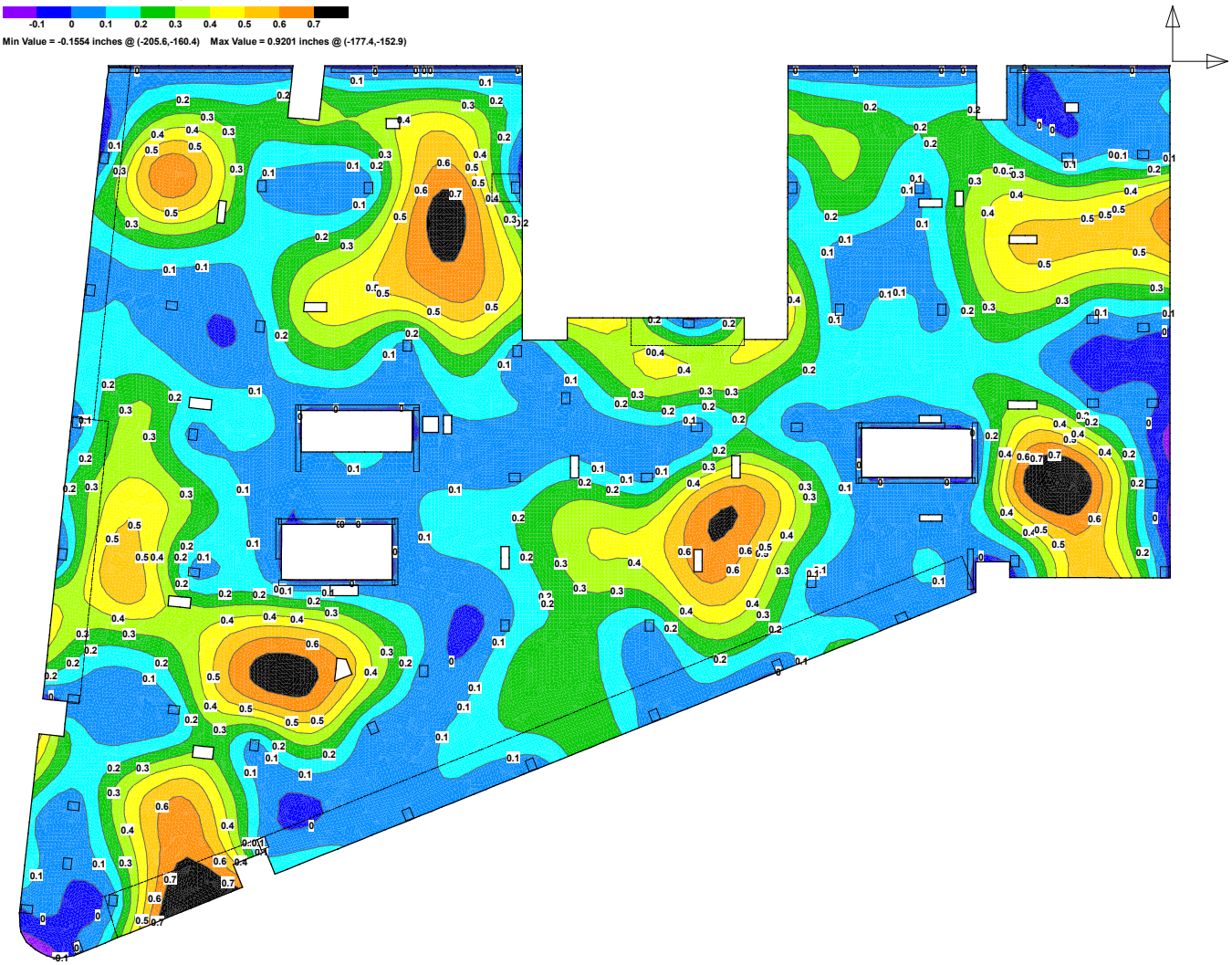


Long Term deflection: Max Deflection Plan

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)

-0.1 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7

Min Value = -0.1554 inches @ (-205.6,-160.4) Max Value = 0.9201 inches @ (-177.4,-152.9)



Design Strip: Latitude SSs Table

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
1-1	latitude	(-205,-162.6)(-197.9,-160)	0.282	false	true	0
2-1	latitude	(-204,-114.5)(-198.6,-110.5)	0.024	false	true	1.39
3-1	latitude	(-207,-153.1)(-195.2,-151.9)	1.81	true	false	24.68
3-1(2)	latitude	(-195.2,-151.9)(-191.4,-151.5)	0	false	true	0
3-2	latitude	(-191.4,-151.5)(-164.4,-146.6)	0	true	true	20.33
3-3	latitude	(-164.4,-141.2)(-138.2,-136)	0.64	true	true	18.47
3-4	latitude	(-138.2,-136)(-115.9,-127)	0	true	true	18.55
3-5	latitude	(-115.9,-127)(-93.67,-118.1)	0	true	true	18.55
3-6	latitude	(-93.67,-118.1)(-71.4,-109.1)	0	true	true	18.55
3-7	latitude	(-71.4,-109.1)(-49.13,-100.2)	0	true	true	18.55
3-8	latitude	(-49.13,-100.2)(-36.47,-94.24)	0	true	true	24.74
4-1	latitude	(-201.3,-89.19)(-195,-89.93)	0	true	false	34.4
5-1	latitude	(-198,-65.18)(-192.6,-65.83)	0	true	false	18.16
6-1	latitude	(-195.5,-41.31)(-192.7,-41.76)	0	true	false	18.18
7-1	latitude	(-193,-17.44)(-190.2,-17.89)	0	true	false	18.19
8-1	latitude	(-197.3,-115.3)(-180.5,-117.7)	0.0227	false	true	0
8-2	latitude	(-180.5,-117.1)(-166,-123.6)	24.17	true	true	25.41
8-3	latitude	(-166,-123.6)(-144.5,-120.4)	0.417	true	true	19.56
8-4	latitude	(-144.5,-120.4)(-135.3,-110.1)	0	true	true	20.23
8-5	latitude	(-135.3,-110.1)(-120.6,-101.9)	0.169	true	true	20.78
8-6	latitude	(-120.6,-101.9)(-94.55,-101.9)	1.09e-6	true	true	18.16
8-7	latitude	(-94.55,-101.9)(-65.26,-94)	0.81	true	true	18.8
8-8	latitude	(-65.26,-94)(-36.46,-88.51)	0.79	true	true	18.48
9-1	latitude	(-192.4,-41.91)(-181,-44.5)	1.37	false	true	0
9-2	latitude	(-181,-44.5)(-164.6,-47.85)	2.82	true	true	27.53
9-3	latitude	(-164.6,-47.85)(-138.3,-51.35)	1.71	true	true	11.73
9-4	latitude	(-138.3,-51.35)(-118.4,-52.35)	0	true	true	18.18
9-5	latitude	(-118.4,-52.35)(-87.45,-47.25)	0.251	true	true	18.4
9-6	latitude	(-87.45,-47.25)(-60.2,-44.83)	4.09e-6	true	true	24.25
9-7	latitude	(-60.2,-44.83)(-41.7,-44.83)	3.09e-6	true	true	18.16
9-8	latitude	(-41.7,-44.83)(-14.46,-46.58)	0.587	true	true	18.19
9-9	latitude	(-14.46,-46.58)(-5.313,-47.92)	4.292	true	true	24.41
9-10	latitude	(-5.313,-47.92)(-0.5036,-47.88)	0.0488	true	false	24.16
10-1	latitude	(-194.8,-89.98)(-176.8,-92.28)	0.248	false	true	0
10-2	latitude	(-176.8,-92.28)(-161.6,-93.57)	0	true	true	24.16
11-1	latitude	(-192.3,-65.88)(-177,-67.39)	0.395	false	true	0
11-2	latitude	(-177,-67.39)(-157.9,-68.21)	0	true	true	18.19
12-1	latitude	(-189.8,-18.04)(-164.2,-22.76)	0.475	false	true	0
12-2	latitude	(-164.2,-22.76)(-145.3,-22.83)	0.838	true	true	9.307
12-3	latitude	(-145.3,-22.83)(-118.2,-22.46)	0.456	true	true	18.16
13-1	latitude	(-136.6,-73.5)(-118.9,-75.16)	5.161	true	true	11.03
13-2	latitude	(-118.9,-75.16)(-94.99,-74.76)	0.747	true	true	24.16
13-3	latitude	(-94.99,-74.76)(-56.81,-73.35)	2.352	true	true	23.87
14-1	latitude	(-136.8,-62.55)(-109.7,-60.83)	0.633	true	true	14.6
14-2	latitude	(-109.7,-60.83)(-86.02,-67.52)	7.528	true	true	18.6
14-3	latitude	(-86.02,-66.08)(-67.92,-66.08)	5.09e-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
	18.16	0	24.01	true	4	2.5
	24.15	0	18	true	4	2.5
	0	18.39	0	true	4	2.5
	18.54	0	24.52	true	4	2.5
	18.16	26.9	24.01	true	4	2.5
	18.07	24.42	24.42	true	4	2.5
	17.76	24	24	true	4	2.5
	17.76	24	24	true	4	2.5
	17.76	24	24	true	4	2.5
	23.6	24	18	true	4	2.5
	15.5	18.03	28.21	true	4	2.5
	0	24	0	true	4	2.5
	0	24	0	true	4	2.5
	0	24.04	0	true	4	2.5
	0	24.04	0	true	4	2.5
	24.16	0	18	true	4	2.5
	18.27	18.94	25.26	true	4	2.5
	18.67	24.78	24.69	true	4	2.5
	27.18	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
	14.58	24.43	31.43	true	4	2.5
	21.06	0	18.13	true	4	2.5
	24.7	18.08	24.11	true	4	2.5
	18.32	24	24.21	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
	3.804	18	0	true	4	2.5
	24.16	0	18.01	true	4	2.5
	0	18	0	true	4	2.5
	18.16	0	24	true	4	2.5
	13.8	24.05	144.1	true	4	2.5
	27.46	0	24.41	true	4	2.5
	18.16	24	24	true	4	2.5
	31.77	24	24	true	4	2.5
	24.26	64.9	18.08	true	4	2.5
	24.45	18	18	true	4	2.5
	10.01	18.01	131	true	4	2.5
	18.19	113.9	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	true	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	true	false	1	0
	true	normal	true	true	false	1	0
	true	normal	true	true	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

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 Slop
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	10
0	40	auto	full	false	false	max shear core	10
0	40	auto	full	false	false	T or L	10
0	40	auto	full	false	false	T or L	0.25
0	40	auto	full	false	false	T or L	10
0	40	auto	full	false	false	T or L	10
0	40	auto	full	false	false	T or L	10
0	40	auto	full	false	false	T or L	10
0	40	auto	full	false	false	T or L	10
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	10
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	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

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	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#7	#7	#4	1	1	Maximize Effective Depth	none	beam
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	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
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
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	2	true	none	0.25	#5	#4
elevated	0	0	4	false	none	0.25	#5	#4
elevated	0	0	4	true	none	0.25	#5	#4
elevated	0	0	4	false	none	0.25	#5	#4
elevated	0	0	4	false	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
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
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	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
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	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

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)

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

Design Strip: Latitude SSs Table (9)

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
14-4	latitude	(-67.92,-66.08)(-56.72,-66.28)	0	true	true	24.16
15-1	latitude	(-69.33,-22.67)(-45.8,-22.67)	2.609e-6	true	true	33.31
15-2	latitude	(-45.8,-22.67)(-19.02,-17.34)	7.134	true	true	18.51
15-3	latitude	(-19.02,-17.34)(-5.364,-16.83)	0	true	true	24.17
15-4	latitude	(-5.364,-16.83)(-0.5351,-16.83)	0.0007	true	false	24.16
16-1	latitude	(-41.75,-65.72)(-35.58,-65.81)	0.8436	true	true	13.94
16-2	latitude	(-35.58,-65.81)(-14.45,-61.73)	0	true	true	8.971
16-3	latitude	(-14.45,-61.73)(-3.5,-61.73)	7.709e-6	true	true	24.16
16-4	latitude	(-3.5,-61.73)(-0.4875,-61.73)	7.709e-6	true	false	21.41
17-1	latitude	(-36.22,-75.7)(-3.5,-76.3)	1.058	true	true	24.16
17-2	latitude	(-3.5,-76.3)(-0.6594,-76.25)	4.592	true	false	16.03
18-1	latitude	(-28.53,-90.28)(-1.634,-92.36)	3.734	true	true	18.2

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
	12.16	18	131	true	4	2.5
	18.16	24	24	true	4	2.5
	24.63	24.47	18.35	true	4	2.5
	24.17	18.01	18.01	true	4	2.5
	3.417	18	0	true	4	2.5
	15.51	12	131	true	4	2.5
	24.6	29.29	18.33	true	4	2.5
	26.91	18	18	true	4	2.5
	4.016	18	0	true	4	2.5
	32.29	125	18	true	4	2.5
	0	18	0	true	4	2.5
	14.23	24.05	24.05	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	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	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 (13)

Section Slope Sin	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	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	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	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 (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

Design Strip: Latitude SSs Table (16)

Min B.Bar	MS Shear Legs
	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*
19-1	longitude	(-207,-159.8)(-207,-153.1)	0	false	true	21.45
19-2	longitude	(-207,-153.1)(-199.7,-144.9)	41.97	true	true	22.33
19-3	longitude	(-199.7,-144.9)(-198.6,-134.5)	13.425	true	true	24.16
19-4	longitude	(-198.6,-134.5)(-198.6,-115)	0.164872	true	true	18.26
20-1	longitude	(-203,-115)(-200.6,-89.18)	18.266	false	true	0
20-2	longitude	(-200.6,-89.18)(-198.1,-65.31)	0	true	true	27.21
20-3	longitude	(-198.1,-65.31)(-195.5,-41.31)	7.9131	true	true	27.31
20-4	longitude	(-195.5,-41.31)(-193,-17.57)	7.578	true	true	24.16
20-5	longitude	(-193,-17.57)(-191.6,-1.589)	5.8997	true	true	27.22
21-1	longitude	(-197.9,-160)(-191.4,-151.5)	37.56	true	true	21.01
21-2	longitude	(-191.4,-151.5)(-190.7,-148.5)	14.92	true	false	24.63
22-1	longitude	(-190.5,-148.5)(-180.5,-117.1)	16.74	false	true	0
22-2	longitude	(-180.5,-117.1)(-176.2,-92.34)	32.484	true	true	18.2
22-3	longitude	(-176.2,-92.34)(-177,-67.39)	1.3911	true	true	18.14
22-4	longitude	(-177,-67.39)(-164.6,-47.85)	2.8572	true	true	26.95
22-5	longitude	(-164.6,-47.85)(-164.2,-22.76)	0.22766	true	true	22.66
22-6	longitude	(-164.2,-22.76)(-160.1,-1.583)	11.584	true	true	30.23
23-1	longitude	(-164.7,-140.2)(-165.9,-123.6)	4.2133	true	true	0
23-2	longitude	(-165.9,-123.6)(-161.6,-94.78)	9.4178	true	true	25.34
24-1	longitude	(-152.1,-1.583)(-145.3,-22.83)	12.831	true	true	10.65
24-2	longitude	(-145.3,-22.83)(-138.3,-51.35)	13.354	true	true	24.88
24-3	longitude	(-138.3,-51.35)(-137.2,-62.65)	2.6655	true	true	24.28
25-1	longitude	(-145.9,-94.21)(-144.5,-120.4)	3.2024	true	true	10.33
25-2	longitude	(-144.5,-120.4)(-138.2,-136)	2.6016	true	true	24.16
26-1	longitude	(-138.2,-136)(-135.3,-160.3)	6.3138	true	true	27.42
26-2	longitude	(-135.3,-110.1)(-136.5,-75.16)	13.964	true	true	24.17
27-1	longitude	(-118.8,-1.583)(-118.8,-22.85)	0	true	true	9.433
27-2	longitude	(-118.8,-22.85)(-118.4,-52.35)	5.2558	true	true	22.87
27-3	longitude	(-118.4,-52.35)(-118.9,-75.16)	1.1086	true	true	24.16
27-4	longitude	(-118.9,-75.16)(-120.6,-101.9)	3.0758	true	true	18.2
27-5	longitude	(-120.6,-101.9)(-115.9,-110)	12.754	true	true	24.58
28-1	longitude	(-110,-50.87)(-109.6,-60.85)	1.8553	false	true	0
29-1	longitude	(-94.99,-74.76)(-94.55,-101.9)	0.91967	true	true	27.89
29-2	longitude	(-94.55,-101.9)(-93.65,-131.6)	3.1886	true	true	24.19
30-1	longitude	(-87.45,-47.25)(-86.02,-66.08)	6.3088	true	true	19.46
31-1	longitude	(-68.66,-1.577)(-68.7,-22.67)	0	true	true	7.567
31-2	longitude	(-68.7,-22.67)(-60.2,-44.83)	30.198	true	true	30.15
31-3	longitude	(-60.2,-44.83)(-67.92,-66.08)	16.083	true	true	25.69
31-4	longitude	(-67.92,-66.08)(-65.26,-94)	9.2221	true	true	18.24
31-5	longitude	(-65.26,-94)(-71.38,-109.2)	22.103	true	true	26.05
32-1	longitude	(-49.6,-98.98)(-49.11,-75.58)	1.598	false	true	0
33-1	longitude	(-47.52,-1.583)(-45.8,-22.83)	4.6224	true	true	7.433
33-2	longitude	(-45.8,-22.83)(-41.7,-44.83)	8.3157	true	true	24.57
33-3	longitude	(-41.7,-44.83)(-41.7,-65.08)	0.001793	true	true	24.16
34-1	longitude	(-36.48,-88.8)(-36.48,-75.65)	3.651e-6	true	true	17.24
35-1	longitude	(-15.77,-1.583)(-19.02,-17.03)	17.03	true	true	10.38

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
	18.26	0	24.13	true	4	2.5
	29.71	29.55	22.17	true	4	2.5
	18.16	18	24	true	4	2.5
	0	24.13	0	true	4	2.5
	21.1	0	18	true	4	2.5
	21	18	18	true	4	2.5
	24.15	18	18	true	4	2.5
	21.1	18	18	true	4	2.5
	10.05	18	63.15	true	4	2.5
	28.36	27.81	21.15	true	4	2.5
	0	18.36	0	true	4	2.5
	18.54	0	24.5	true	4	2.5
	18.39	24.05	24.05	true	4	2.5
	24.39	24.23	18.18	true	4	2.5
	28.72	20.09	20.1	true	4	2.5
	18.64	18.07	18	true	4	2.5
	10.35	18.34	36.02	true	4	2.5
	23.36	0	18.28	true	4	2.5
	0	18.02	44.82	true	4	2.5
	25.34	0	18.89	true	4	2.5
	24.88	18.54	18.54	true	4	2.5
	12.22	18.09	72.62	true	4	2.5
	25.53	160.9	19.03	true	4	2.5
	24.16	17.99	17.99	true	4	2.5
	24.31	20.45	18.11	true	4	2.5
	9.596	18.01	12.01	true	4	2.5
	25.45	411.3	18	true	4	2.5
	24.16	18	18	true	4	2.5
	18.16	18	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
	24.17	0	18.01	true	4	2.5
	24.16	24	18	true	4	2.5
	25.51	18.03	19.01	true	4	2.5
	18.21	24.07	24.07	true	4	2.5
	20.16	407.7	18	true	4	2.5
	25.86	19.28	19.28	true	4	2.5
	19.31	19.15	25.53	true	4	2.5
	24.27	24.11	18.08	true	4	2.5
	26.06	19.42	25.03	true	4	2.5
	13.54	0	252.1	true	4	2.5
	24.24	99.23	18.06	true	4	2.5
	24.57	18.31	18.31	true	4	2.5
	11.22	18	186.5	true	4	2.5
	8.748	12	252	true	4	2.5
	18.54	49.45	24.51	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	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	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	true	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	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	true	false	1	0
	true	normal	true	true	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

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 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
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	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: Longitude SSs Table (5)

Section Slope Tip	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	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#7	#7	#4	1	1	All Tension Reinforcement		beam
	#7	#7	#4	1	1	All Tension Reinforcement		beam
	#7	#7	#4	1	1	All Tension Reinforcement		beam
	#7	#7	#4	1	1	All Tension Reinforcement		beam
	#7	#7	#4	1	1	All Tension Reinforcement		beam
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth		two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth		two-way slab
	#5	#5	#4	1	1	Maximize Effective Depth		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement		two-way slab
	#5	#5	#4	1	1	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
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
stress	0	0	4	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
stress	0	0	2	false	none	0.25	#5	#4
stress	0	0	4	false	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
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	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
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

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
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Design Strip: Longitude SSs Table (9)

Name	*Set*	*Location feet*	*Skew degrees*	*At Support 1*	*At Support 2*	*Support Width 1 inches*
35-2	longitude	(-19.02,-17.34)(-14.45,-46.58)	0	true	true	18.38
35-3	longitude	(-14.45,-46.58)(-14.45,-61.73)	0	true	true	18.17
36-1	longitude	(-1.248,-1.54)(-5.364,-16.83)	15.836	true	true	11.6
36-2	longitude	(-5.364,-16.83)(-5.313,-47.92)	0.927	true	true	18.16
36-3	longitude	(-5.313,-47.92)(-3.5,-61.73)	1.734	true	true	22.35
36-4	longitude	(-3.5,-61.73)(-3.5,-75.6)	0	true	true	18.54
36-5	longitude	(-3.5,-75.6)(-1.302,-92.47)	7.433	true	true	35.04

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
	18.36	24.29	24.29	true	4	2.5
	18.16	24	24	true	4	2.5
	18.8	24.45	24.85	true	4	2.5
	14.16	24	24	true	4	2.5
	17.93	24.21	24.21	true	4	2.5
	1.567	24	24	true	4	2.5
	28.39	21.65	18.15	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	true	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

Design Strip: Longitude SSs Table (13)

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	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	All Tension Reinforcement	none	two-way slab
	#5	#5	#4	1	1	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

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

Design Strip: Longitude SSs Table (16)

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