Project	1914-1916 Pine Street, San Francisco
Job No.	201623.10
By	AL
Date	10/03/20
Sheet	_____ of _____

North Bay Seismic Design
Structural Analysis and Design
PO Box 55, Inverness CA 94937
Tel/Fax (415) 663-8161
www.NorthBaySeismicDesign.com

DETERMINATION OF SEISMIC LOADS TO LFRS AT GRIDLINES - FLEXIBLE DIAPHRAGM ASSUMPTIONS
ASCE 7-05 CHAPTER 12 - SEISMIC REQUIREMENTS FOR BUILDING STRUCTURES
1914-1916 PINE STREET, SAN FRANCISCO - SEISMIC RETROFIT

1. Input Data

ρ = 1.00 Redundancy Factor (ASCE 7-05 Section 12.3.4)

	Floors					Exterior Walls			
	Roof	Type A (Floors)	Type B (Stairs)	Deck	RC Slab	Fire Escape	Type a	Type b	Type c	Type d
DL (psf)	23	32				30	21	15		
LL (psf)	-	-		-	-	-	-	-	-	-

Code Level Floor Loads		
Level	W_x (kips)	A_F (g's)
Roof	83	0.15
4	112	0.12
3	112	0.09
2	112	0.05
1	112	0.02
Sum =	529	Kips

Where W_x = Story Weight at Level x

A_F = Floor Acceleration at Level x

Weight Check:
N-S = 527.6 kips
W-E = 526.7 kips
(0.18 %)

V = 0.154 *W (Seismic Base Shear - Strength Level)

V = 0.116 *W (" - 75% V for (E) Bldg per IEBC12 Section A4)

V = 0.116 *W (" - adjusted for Redundancy Factor, ρ)

V = 0.083 *W (Seismic Base Shear - ASD Level)

2. Determination of Tributary Loads

Loading Direction	Wall Gridline Location	Floor Level	Tributary Area Segment	Floor Type	Diaphragm Loads: Dead Load (psf)	Partition Loads (psf)	Length (feet)	Width (feet)	Area (ft^2)	DL	Wall Loads: Wall Segment	Wall Dead Load (psf)	Length (feet)	Height (feet)	Wall Area (ft^2)	DL (lbs)	Seismic Weight: At Floor Level (lbs)	Seismic Weight: Sum (lbs)	Seismic Loads Code Level: Forces (lbs)	Seismic Loads Code Level: Shears (lbs)
N-S	1	R	TA01	R	23.0		27.50	7.00	193	4,428	b	15.00	7.00	8.00	56	840	11,349	11,349	1,688	1,688
			TA02	R	23.0		9.00	1.50	14	311	b	15.00	7.00	8.00	56	840				
			TA03	R	23.0		9.00	1.50	14	311	a	21.00	27.50	8.00	220	4,620				
		4	TA01	F	32.0		27.50	7.00	193	6,160	b	15.00	7.00	10.00	70	1,050	14,899	26,248	1,734	3,423
			TA02	F	32.0		9.00	1.50	14	432	b	15.00	7.00	10.00	70	1,050				
			TA03	F	32.0		9.00	1.50	14	432	a	21.00	27.50	10.00	275	5,775				
		3	TA01	F	32.0		27.50	7.00	193	6,160	b	15.00	7.00	10.00	70	1,050	14,899	41,147	1,275	4,697
			TA02	F	32.0		9.00	1.50	14	432	b	15.00	7.00	10.00	70	1,050				
			TA03	F	32.0		9.00	1.50	14	432	a	21.00	27.50	10.00	275	5,775				
		2	TA01	F	32.0		27.50	7.00	193	6,160	b	15.00	7.00	10.00	70	1,050	14,899	56,046	815	5,513
			TA02	F	32.0		9.00	1.50	14	432	b	15.00	7.00	10.00	70	1,050				
			TA03	F	32.0		9.00	1.50	14	432	a	21.00	27.50	10.00	275	5,775				
		1	TA01	F	32.0		27.50	7.00	193	6,160	b	15.00	7.00	10.00	70	1,050	10,594	51,741	253	5,766
			TA02	F	32.0		9.00	1.50	14	432	b	15.00	7.00	10.00	70	1,050				
			TA03	F	32.0		9.00	1.50	14	432	a	21.00	7.00	10.00	70	1,470				
	2	R	TA04	R	23.0		26.50	7.50	199	4,571	b	15.00	16.00	8.00	128	1,920	13,345	13,345	1,985	1,985
			TA05	R	23.0		24.00	5.00	120	2,760	b	15.00	16.00	8.00	128	1,920				
			TA06	R	23.0		27.00	3.50	95	2,174										
		4	TA04	F	32.0		26.50	7.50	199	6,360	b	15.00	16.00	10.00	160	2,400	18,024	31,369	2,098	4,083
			TA05	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA06	F	32.0		27.00	3.50	95	3,024										
		3	TA04	F	32.0		26.50	7.50	199	6,360	b	15.00	16.00	10.00	160	2,400	18,024	49,393	1,542	5,625
			TA05	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA06	F	32.0		27.00	3.50	95	3,024										
		2	TA04	F	32.0		26.50	7.50	199	6,360	b	15.00	16.00	10.00	160	2,400	18,024	67,417	986	6,612
			TA05	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA06	F	32.0		27.00	3.50	95	3,024										
		1	TA04	F	32.0		26.50	7.50	199	6,360	b	15.00	16.00	10.00	160	2,400	18,024	67,417	431	7,043
			TA05	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA06	F	32.0		27.00	3.50	95	3,024										
	4	R	TA07	R	23.0		27.00	9.00	243	5,589	b	15.00	11.50	8.00	92	1,380	9,672	9,672	1,439	1,439
			TA08	R	23.0		23.00	2.50	58	1,323	b	15.00	11.50	8.00	92	1,380				
		4	TA07	F	32.0		27.00	9.00	243	7,776	b	15.00	11.50	10.00	115	1,725	13,066	22,738	1,521	2,960
			TA08	F	32.0		23.00	2.50	58	1,840	b	15.00	11.50	10.00	115	1,725				
		3	TA07	F	32.0		27.00	9.00	243	7,776	b	15.00	11.50	10.00	115	1,725	13,066	35,804	1,118	4,078
			TA08	F	32.0		23.00	2.50	58	1,840	b	15.00	11.50	10.00	115	1,725				
		2	TA07	F	32.0		27.00	9.00	243	7,776	b	15.00	11.50	10.00	115	1,725	13,066	48,870	715	4,793
			TA08	F	32.0		23.00	2.50	58	1,840	b	15.00	11.50	10.00	115	1,725				
		1	TA07	F	32.0		27.00	9.00	243	7,776	b	15.00	11.50	10.00	115	1,725	13,066	48,870	312	5,105
			TA08	F	32.0		23.00	2.50	58	1,840	b	15.00	11.50	10.00	115	1,725				

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ASCE 7-05 CHAPTER 12 - SEISMIC REQUIREMENTS FOR BUILDING STRUCTURES
1914-1916 PINE STREET, SAN FRANCISCO - SEISMIC RETROFIT

1. Input Data

ρ = 1.00 Redundancy Factor (ASCE 7-05 Section 12.3.4)

	Floors					
	Roof	Type A (Floors)	Type B (Stairs)	Deck	RC Slab	Fire Escape
DL (psf)	23	32				30
LL (psf)	-	-		-	-	-

Exterior Walls			
Type a	Type b	Type c	Type d
21	15		
-	-	-	-

Code Level Floor Loads		
Level	W_x (kips)	A_F (g's)
Roof	83	0.15
4	112	0.12
3	112	0.09
2	112	0.05
1	112	0.02
Sum =	529	Kips

Where W_x = Story Weight at Level x

A_F = Floor Acceleration at Level x

Weight Check:
N-S = 527.6 kips
W-E = 526.7 kips
(0.18 %)

V = 0.154 *W (Seismic Base Shear - Strength Level)
V = 0.116 *W (" - 75% V for (E) Bldg per IEBC12 Section A4)
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2. Determination of Tributary Loads

Loading Direction	Wall Gridline Location	Floor Level	Tributary Area Segment	Floor Type	Diaphragm Loads						Wall Loads						Seismic Weight		Seismic Loads Code Level	
					Dead Load (psf)	Partition Loads (psf)	Length (feet)	Width (feet)	Area (ft^2)	DL	Wall Segment	Wall Dead Load (psf)	Length (feet)	Height (feet)	Wall Area (ft^2)	DL (lbs)	At Floor Level (lbs)	Sum (lbs)	Forces (lbs)	Shears (lbs)
N-S (Cont)	5	R	TA09	R	23.0		24.00	9.00	216	4,968	b	15.00	9.00	8.00	72	1,080	7,128	7,128	1,060	1,060
											b	15.00	9.00	8.00	72	1,080				
		4	TA09	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	16,740	1,119	2,179
											b	15.00	9.00	10.00	90	1,350				
		3	TA09	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	26,352	822	3,002
											b	15.00	9.00	10.00	90	1,350				
		2	TA09	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	35,964	526	3,528
											b	15.00	9.00	10.00	90	1,350				
		1	TA09	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	35,964	230	3,757
											b	15.00	9.00	10.00	90	1,350				
	6	R	TA10	R	23.0		24.00	9.00	216	4,968	b	15.00	9.00	8.00	72	1,080	7,128	7,128	1,060	1,060
											b	15.00	9.00	8.00	72	1,080				
		4	TA10	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	16,740	1,119	2,179
											b	15.00	9.00	10.00	90	1,350				
		3	TA10	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	26,352	822	3,002
											b	15.00	9.00	10.00	90	1,350				
		2	TA10	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	35,964	526	3,528
											b	15.00	9.00	10.00	90	1,350				
		1	TA10	F	32.0		24.00	9.00	216	6,912	b	15.00	9.00	10.00	90	1,350	9,612	35,964	230	3,757
											b	15.00	9.00	10.00	90	1,350				
	7	R	TA11	R	23.0		22.50	3.00	68	1,553	b	15.00	12.50	8.00	100	1,500	10,561	10,561	1,571	1,571
			TA12	R	23.0		27.50	9.50	261	6,009	b	15.00	12.50	8.00	100	1,500				
		4	TA11	F	32.0		22.50	3.00	68	2,160	b	15.00	12.50	10.00	125	1,875	14,270	24,831	1,661	3,232
			TA12	F	32.0		27.50	9.50	261	8,360	b	15.00	12.50	10.00	125	1,875				
		3	TA11	F	32.0		22.50	3.00	68	2,160	b	15.00	12.50	10.00	125	1,875	14,270	39,101	1,221	4,453
			TA12	F	32.0		27.50	9.50	261	8,360	b	15.00	12.50	10.00	125	1,875				
		2	TA11	F	32.0		22.50	3.00	68	2,160	b	15.00	12.50	10.00	125	1,875	14,270	53,371	781	5,234
			TA12	F	32.0		27.50	9.50	261	8,360	b	15.00	12.50	10.00	125	1,875				
		1	TA11	F	32.0		22.50	3.00	68	2,160	b	15.00	12.50	10.00	125	1,875	14,270	53,371	341	5,575
			TA12	F	32.0		27.50	9.50	261	8,360	b	15.00	12.50	10.00	125	1,875				

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1914-1916 PINE STREET, SAN FRANCISCO - SEISMIC RETROFIT

1. Input Data

ρ = 1.00 Redundancy Factor (ASCE 7-05 Section 12.3.4)

	Floors					
	Roof	Type A (Floors)	Type B (Stairs)	Deck	RC Slab	Fire Escape
DL (psf)	23	32				30
LL (psf)	-	-		-	-	-

Exterior Walls			
Type a	Type b	Type c	Type d
21	15		
-	-	-	-

Code Level Floor Loads		
Level	W_x (kips)	A_F (g's)
Roof	83	0.15
4	112	0.12
3	112	0.09
2	112	0.05
1	112	0.02
Sum =	529	Kips

Where W_x = Story Weight at Level x

A_F = Floor Acceleration at Level x

Weight Check:
N-S = 527.6 kips
W-E = 526.7 kips
(0.18 %)

V = 0.154 *W (Seismic Base Shear - Strength Level)

V = 0.116 *W (" - 75% V for (E) Bldg per IEBC12 Section A4)

V = 0.116 *W (" - adjusted for Redundancy Factor, ρ)

V = 0.083 *W (Seismic Base Shear - ASD Level)

2. Determination of Tributary Loads

Loading Direction	Wall Gridline Location	Floor Level	Tributary Area Segment	Floor Type	Diaphragm Loads						Wall Loads						Seismic Weight		Seismic Loads Code Level	
					Dead Load (psf)	Partition Loads (psf)	Length (feet)	Width (feet)	Area (ft^2)	DL	Wall Segment	Wall Dead Load (psf)	Length (feet)	Height (feet)	Wall Area (ft^2)	DL (lbs)	At Floor Level (lbs)	Sum (lbs)	Forces (lbs)	Shears (lbs)
N-S (Cont)	9	R	TA13	R	23.0		27.00	3.00	81	1,863	b	15.00	16.00	8.00	128	1,920	13,339	13,339	1,984	1,984
			TA14	R	23.0		24.00	5.00	120	2,760	b	15.00	16.00	8.00	128	1,920				
			TA15	R	23.0		26.50	8.00	212	4,876										
		4	TA13	F	32.0		27.00	3.00	81	2,592	b	15.00	16.00	10.00	160	2,400	18,016	31,355	2,097	4,081
			TA14	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA15	F	32.0		26.50	8.00	212	6,784										
		3	TA13	F	32.0		27.00	3.00	81	2,592	b	15.00	16.00	10.00	160	2,400	18,016	49,371	1,542	5,623
			TA14	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA15	F	32.0		26.50	8.00	212	6,784										
		2	TA13	F	32.0		27.00	3.00	81	2,592	b	15.00	16.00	10.00	160	2,400	18,016	67,387	986	6,609
			TA14	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA15	F	32.0		26.50	8.00	212	6,784										
		1	TA13	F	32.0		27.00	3.00	81	2,592	b	15.00	16.00	10.00	160	2,400	18,016	67,387	431	7,040
			TA14	F	32.0		24.00	5.00	120	3,840	b	15.00	16.00	10.00	160	2,400				
			TA15	F	32.0		26.50	8.00	212	6,784										
	10	R	TA16	R	23.0		26.50	7.00	186	4,267	b	15.00	7.00	8.00	56	840	10,847	10,847	1,614	1,614
			TA17	R	23.0		6.50	1.50	10	224	b	15.00	7.00	8.00	56	840				
			TA18	R	23.0		6.50	1.50	10	224	a	21.00	26.50	8.00	212	4,452				
		4	TA16	F	32.0		26.50	7.00	186	5,936	b	15.00	7.00	10.00	70	1,050	14,645	25,492	1,705	3,318
			TA17	F	32.0		6.50	1.50	10	312	b	15.00	7.00	10.00	70	1,050				
			TA18	F	32.0		6.50	1.50	10	312	a	21.00	26.50	10.00	265	5,565				
			TA19	FS	30.0		7.00	2.00	14	420										
		3	TA16	F	32.0		26.50	7.00	186	5,936	b	15.00	7.00	10.00	70	1,050	14,645	40,137	1,253	4,571
			TA17	F	32.0		6.50	1.50	10	312	b	15.00	7.00	10.00	70	1,050				
			TA18	F	32.0		6.50	1.50	10	312	a	21.00	26.50	10.00	265	5,565				
			TA19	FS	30.0		7.00	2.00	14	420										
		2	TA16	F	32.0		26.50	7.00	186	5,936	b	15.00	7.00	10.00	70	1,050	14,645	54,782	802	5,373
			TA17	F	32.0		6.50	1.50	10	312	b	15.00	7.00	10.00	70	1,050				
			TA18	F	32.0		6.50	1.50	10	312	a	21.00	26.50	10.00	265	5,565				
			TA19	FS	30.0		7.00	2.00	14	420										
		1	TA16	F	32.0		26.50	7.00	186	5,936	b	15.00	7.00	10.00	70	1,050	14,645	54,782	350	5,723
			TA17	F	32.0		6.50	1.50	10	312	b	15.00	7.00	10.00	70	1,050				
			TA18	F	32.0		6.50	1.50	10	312	a	21.00	26.50	10.00	265	5,565				
			TA19	FS	30.0		7.00	2.00	14	420										

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2. Determination of Tributary Loads

Loading Direction	Wall Gridline Location	Floor Level	Tributary Area Segment	Floor Type	Diaphragm Loads: Dead Load (psf)	Partition Loads (psf)	Length (feet)	Width (feet)	Area (ft^2)	DL	Wall Loads: Wall Segment	Wall Dead Load (psf)	Length (feet)	Height (feet)	Wall Area (ft^2)	DL (lbs)	Seismic Weight: At Floor Level (lbs)	Sum (lbs)	Seismic Loads Code Level: Forces (lbs)	Shears (lbs)
W-E	A	R	TA20	R	23.0		32.50	4.50	146	3,364	a	21.00	6.50	8.00	52	1,092	24,201	24,201	3,600	3,600
			TA21	R	23.0		24.00	3.50	84	1,932	a	21.00	6.50	8.00	52	1,092				
			TA22	R	23.0		32.50	4.50	146	3,364	b	15.00	88.50	8.00	708	10,620				
			TA23	R	23.0		15.00	2.00	30	690										
			TA24	R	23.0		12.50	2.00	25	575										
			TA25	R	23.0		12.50	2.00	25	575										
			TA26	R	23.0		15.00	2.00	30	690										
			TA27	R	23.0		1.50	3.00	5	104										
			TA28	R	23.0		1.50	3.00	5	104										
		4	TA20	F	32.0		32.50	4.50	146	4,680	a	21.00	6.50	10.00	65	1,365	31,861	56,062	3,709	7,309
			TA21	F	32.0		24.00	3.50	84	2,688	a	21.00	6.50	10.00	65	1,365				
			TA22	F	32.0		32.50	4.50	146	4,680	b	15.00	88.50	10.00	885	13,275				
			TA23	F	32.0		15.00	2.00	30	960										
			TA24	F	32.0		12.50	2.00	25	800										
			TA25	F	32.0		12.50	2.00	25	800										
			TA26	F	32.0		15.00	2.00	30	960										
			TA27	F	32.0		1.50	3.00	5	144										
			TA28	F	32.0		1.50	3.00	5	144										
		3	TA20	F	32.0		32.50	4.50	146	4,680	a	21.00	6.50	10.00	65	1,365	31,861	87,923	2,726	10,035
			TA21	F	32.0		24.00	3.50	84	2,688	a	21.00	6.50	10.00	65	1,365				
			TA22	F	32.0		32.50	4.50	146	4,680	b	15.00	88.50	10.00	885	13,275				
			TA23	F	32.0		15.00	2.00	30	960										
			TA24	F	32.0		12.50	2.00	25	800										
			TA25	F	32.0		12.50	2.00	25	800										
			TA26	F	32.0		15.00	2.00	30	960										
			TA27	F	32.0		1.50	3.00	5	144										
			TA28	F	32.0		1.50	3.00	5	144										
		2	TA20	F	32.0		32.50	4.50	146	4,680	a	21.00	6.50	10.00	65	1,365	31,861	119,784	1,744	11,779
			TA21	F	32.0		24.00	3.50	84	2,688	a	21.00	6.50	10.00	65	1,365				
			TA22	F	32.0		32.50	4.50	146	4,680	b	15.00	88.50	10.00	885	13,275				
			TA23	F	32.0		15.00	2.00	30	960										
			TA24	F	32.0		12.50	2.00	25	800										
			TA25	F	32.0		12.50	2.00	25	800										
			TA26	F	32.0		15.00	2.00	30	960										
			TA27	F	32.0		1.50	3.00	5	144										
			TA28	F	32.0		1.50	3.00	5	144										
		1	TA20	F	32.0		32.50	4.50	146	4,680	a	21.00	6.50	10.00	65	1,365	23,533	111,456	562	12,341
			TA21	F	32.0		0.00	3.50	0	0	a	21.00	6.50	10.00	65	1,365				
			TA22	F	32.0		0.00	4.50	0	0	b	15.00	88.50	10.00	885	13,275				
			TA23	F	32.0		0.00	2.00	0	0										
			TA24	F	32.0		12.50	2.00	25	800										
			TA25	F	32.0		12.50	2.00	25	800										
			TA26	F	32.0		15.00	2.00	30	960										
			TA27	F	32.0		1.50	3.00	5	144										
			TA28	F	32.0		1.50	3.00	5	144										

Project 1914-1916 Pine Street, San Francisco
Job No. 201623.10
By AL
Date 10/03/20
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North Bay Seismic Design
Structural Analysis and Design
PO Box 55, Inverness CA 94937
Tel/Fax (415) 663-8161
www.NorthBaySeismicDesign.com

DETERMINATION OF SEISMIC LOADS TO LFRS AT GRIDLINES - FLEXIBLE DIAPHRAGM ASSUMPTIONS
ASCE 7-05 CHAPTER 12 - SEISMIC REQUIREMENTS FOR BUILDING STRUCTURES
1914-1916 PINE STREET, SAN FRANCISCO - SEISMIC RETROFIT

1. Input Data

ρ = 1.00 Redundancy Factor (ASCE 7-05 Section 12.3.4)

	Floors					
	Roof	Type A (Floors)	Type B (Stairs)	Deck	RC Slab	Fire Escape
DL (psf)	23	32				30
LL (psf)	-	-		-	-	-

Exterior Walls			
Type a	Type b	Type c	Type d
21	15		
-	-	-	-

Code Level Floor Loads		
Level	W_x (kips)	A_F (g's)
Roof	83	0.15
4	112	0.12
3	112	0.09
2	112	0.05
1	112	0.02
Sum =	529	Kips

Where W_x = Story Weight at Level x

A_F = Floor Acceleration at Level x

Weight Check:
N-S = 527.6 kips
W-E = 526.7 kips
(0.18 %)

V = 0.154 *W (Seismic Base Shear - Strength Level)
V = 0.116 *W (" - 75% V for (E) Bldg per IEBC12 Section A4)
V = 0.116 *W (" - adjusted for Redundancy Factor, ρ)
V = 0.083 *W (Seismic Base Shear - ASD Level)

2. Determination of Tributary Loads

					Diaphragm Loads						Wall Loads						Seismic Loads: Seismic Weight		Seismic Loads: Code Level	
Loading Direction	Wall Gridline Location	Floor Level	Tributary Area Segment	Floor Type	Dead Load (psf)	Partition Loads (psf)	Length (feet)	Width (feet)	Area (ft^2)	DL	Wall Segment	Wall Dead Load (psf)	Length (feet)	Height (feet)	Wall Area (ft^2)	DL (lbs)	At Floor Level (lbs)	Sum (lbs)	Forces (lbs)	Shears (lbs)
W-E (Cont)	E	R	TA29	R	23.0		88.50	13.00	1,151	26,462	a	21.00	13.00	8.00	104	2,184	31,244	31,244	4,648	4,648
			TA30	R	23.0		1.50	6.00	9	207	a	21.00	13.00	8.00	104	2,184				
			TA31	R	23.0		1.50	3.00	5	104										
			TA32	R	23.0		1.50	3.00	5	104										
		4	TA29	F	32.0		88.50	13.00	1,151	36,816	a	21.00	13.00	10.00	130	2,730	43,272	74,516	5,037	9,685
			TA30	F	32.0		1.50	6.00	9	288	a	21.00	13.00	10.00	130	2,730				
			TA31	F	32.0		1.50	3.00	5	144										
			TA32	F	32.0		1.50	3.00	5	144										
			TA33	FS	30.0		2.00	7.00	14	420										
		3	TA29	F	32.0		88.50	13.00	1,151	36,816	a	21.00	13.00	10.00	130	2,730	43,300	117,816	3,705	13,390
			TA30	F	32.0		1.50	6.00	9	288	a	21.00	13.00	10.00	130	2,730				
			TA31	F	32.0		1.50	3.00	5	144										
			TA32	F	32.0		1.50	3.00	5	144										
			TA33	F	32.0		2.00	7.00	14	448										
		2	TA29	F	32.0		88.50	13.00	1,151	36,816	a	21.00	13.00	10.00	130	2,730	43,300	161,116	2,370	15,760
			TA30	F	32.0		1.50	6.00	9	288	a	21.00	13.00	10.00	130	2,730				
			TA31	F	32.0		1.50	3.00	5	144										
			TA32	F	32.0		1.50	3.00	5	144										
			TA33	F	32.0		2.00	7.00	14	448										
		1	TA29	F	32.0		88.50	13.00	1,151	36,816	a	21.00	13.00	10.00	130	2,730	43,300	161,116	1,035	16,794
			TA30	F	32.0		1.50	6.00	9	288	a	21.00	13.00	10.00	130	2,730				
			TA31	F	32.0		1.50	3.00	5	144										
			TA32	F	32.0		1.50	3.00	5	144										
			TA33	F	32.0		2.00	7.00	14	448										
	G	R	TA34	R	23.0		88.50	7.00	620	14,249	a	21.00	7.00	8.00	56	1,176	28,376	28,376	4,222	4,222
			TA35	R	23.0		1.50	6.00	9	207	a	21.00	7.00	8.00	56	1,176				
			TA36	R	23.0		1.50	3.50	5	121	b	15.00	88.50	8.00	708	10,620				
			TA37	R	23.0		6.00	1.50	9	207										
			TA38	R	23.0		9.00	1.50	14	311										
			TA39	R	23.0		9.00	1.50	14	311										
		4	TA34	F	32.0		88.50	7.00	620	19,824	a	21.00	7.00	10.00	70	1,470	37,647	66,023	4,382	8,604
			TA35	F	32.0		1.50	6.00	9	288	a	21.00	7.00	10.00	70	1,470				
			TA36	F	32.0		1.50	3.50	5	168	b	15.00	88.50	10.00	885	13,275				
			TA37	F	32.0		6.00	1.50	9	288										
			TA38	F	32.0		9.00	1.50	14	432										
			TA39	F	32.0		9.00	1.50	14	432										
		3	TA34	F	32.0		88.50	7.00	620	19,824	a	21.00	7.00	10.00	70	1,470	37,647	103,670	3,221	11,825
			TA35	F	32.0		1.50	6.00	9	288	a	21.00	7.00	10.00	70	1,470				
			TA36	F	32.0		1.50	3.50	5	168	b	15.00	88.50	10.00	885	13,275				
			TA37	F	32.0		6.00	1.50	9	288										
			TA38	F	32.0		9.00	1.50	14	432										
			TA39	F	32.0		9.00	1.50	14	432										
		2	TA34	F	32.0		88.50	7.00	620	19,824	a	21.00	7.00	10.00	70	1,470	37,647	141,317	2,060	13,885
			TA35	F	32.0		1.50	6.00	9	288	a	21.00	7.00	10.00	70	1,470				
			TA36	F	32.0		1.50	3.50	5	168	b	15.00	88.50	10.00	885	13,275				
			TA37	F	32.0		6.00	1.50	9	288										
			TA38	F	32.0		9.00	1.50	14	432										
			TA39	F	32.0		9.00	1.50	14	432										
		1	TA34	F	32.0		88.50	7.00	620	19,824	a	21.00	7.00	10.00	70	1,470	37,647	141,317	900	14,785
			TA35	F	32.0		1.50	6.00	9	288	a	21.00	7.00	10.00	70	1,470				
			TA36	F	32.0		1.50	3.50	5	168	b	15.00	88.50	10.00	885	13,275				
			TA37	F	32.0		6.00	1.50	9	288										
			TA38	F	32.0		9.00	1.50	14	432										
			TA39	F	32.0		9.00	1.50	14	432										