

Project  
 Job No.  
 By  
 Date 01/07/19  
 Sheet \_\_\_\_\_ of \_\_\_\_\_

North Bay Seismic Design  
 Structural Design and Analysis  
 PO Box 55, Inverness CA 94937  
 Fax (415) 663-8161  
 NBSD@horizoncable.com

**PROJECT LIST AND DETAILS**  
**BUSINESS INCOME - YEAR 2017 TAX YEAR**  
**SEISMIC RETROFIT PROJECT LIST**

Project	Project No.		No. Floors (+ Roof)	No. Target Floors	SFDBI Tier	No. Units	Year Built	Comm Space?	Prev. Retrofit?	Length (feet)	Width (feet)	BLDG Transv Direction	OG Slope	No. hours	Rigid Diaphragms	Hardy Frame	Simpson Frame	AISC Frame	Vertical Element Design	Comments	SFDBI Comments ?
	Year	NBSD																			
5625 Anza Street - San Francisco - Seismic Retrofit	1	201622.200	4	1		8	1928			82.00	25.00	N-S	Flat	12				x		AISC FB SMRF	-
410 15th Avenue - San Francisco - Seismic Retrofit	2	201701.100	3	1		10	1916			66.50	50.00	N-S	Flat	56			x				-
824 Corbett Avenue - San Francisco - Seismic Retrofit	3	201702.100	3	1		19	1968			99.00	30.00	N-S	Moderate	52			x			Highly Irregular in Plan and Elevation	
		201702.200												18				x		AISC FB SMRF	
275 Corbett Ave Remodel, San Francisco	4	201703.500	5	5th	-		1980			75.00	44.00	N-S	Steep	74					Hot Tub on Roof, Roof Skylight	5th Floor Remodel and Retrofit; triangular Roof and Floor plan	
600 Laurel - San Francisco - Seismic Retrofit	5	201611.400	5	2			1956			85.00	37.00	W-E	Steep	11			2-Bay SMRF's			SFDBI Comments, Calcs Re-do, Resubmittal	
1715 Broadway, San Francisco - Seismic Retrofit	6	201606.400	4	3			1900	-	-	65.00	27.50	W-E	Mild	10						Foundation Phase	
1251 8th Ave, San Francisco - Seismic Retrofit	7	201704.100	3	1		8	1963			97.00	37.50	N-S	Flat	52			x		WF Beam Parallam, WF Design	ADU Wall removal	
2205 Taylor Street, San Francisco - Seismic Retrofit	8	201705.100	3	1			1929			66.25	35.00	N-S	Flat	64			x				
669 44th Avenue, San Francisco - Retaining Wall	9	201706.010	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-	Drilled Pier design for RW.	
31 Leese Street, San Francisco - Seismic Retrofit	10	201707.100	3	1		5	1965			105.00	25.00		Flat	54			x			SMRF's only in N-S Direction	
785 Corbett Ave, S.F. - Seismic Retrofit	11	201708.100	4	2		5	~ 1920			57.00	24.75	W-E	Steep	30	x						
1470 9th Avenue, San Francisco - Seismic Retrofit	12	201709.100	4	1		12	1963			90.00	50.00	N-S	Mild	53			x			Irregular in Plan; SMRF's only in N-S Direction	
1435 Fulton Street, San Francisco - Seismic Retrofit	13	201710.100	3	1		5	1914			81.50	25.00	N-S	Flat	52			x			Use of an exterior fence (no walls above) to avoid removal of (E) masonry footings!	
3990-3998 Sacramento Street, San Francisco - Seismic Retrofit	14	201711.100	3	1		7	1900			113.50	27.75	N-S	Moderate	50						Diaphragm Supported Edges at (E) Retaining walls	
1211 14th Avenue, San Francisco - Seismic Retrofit	15	201712.100	3	1		12	1950			76.50	40.00	N-S	Flat	52			x			Non-Parallel Walls; Gridlines changed for Permit Set	
4272 23rd Street, San Francisco - Seismic Retrofit	16	201713.100	4	1		9	1900			75.00	52.00	N-S	Mild	61			x			Intersection of (E) WF Beams with (N) SMRF's	

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**SEISMIC RETROFIT PROJECT LIST**

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	Year	NBSD																			
1865 Bush Street, San Francisco - Seismic Retrofit	17	201714.100	4	1		16	1962			105.50	63.00	N-S	Mild	79	x					Hollow with Center Courtyard above target floor, w/ Non-Parallel walls	
800 Church Street, San Francisco - Seismic Retrofit	18	201715.100	4	2		11	1965			60.00	40.50	N-S	Steep	56			2-Bay SMRF				
1395 47th Avenue, San Francisco - Seismic Retrofit	19	201716.100	3	1		8	1960			102.00	32.50	W-E	Flat	59		x	2-Bay SMRF			2-Separate Buildings	
1342 Jones Street, San Francisco - Seismic Retrofit	20	201717.100	5	1		7	1913			58.50	42.00	N-S	Mild	66			x				2-Separate Buildings
1230 Hyde Street, San Francisco - Seismic Retrofit	21	201718.100	4	1		5	1964			72.00	51.00	N-S	Mild	71			x				
219 Cumberland Street, San Francisco - Seismic Retrofit	22	201719.100	3	1		6	1964			93.00	25.75	N-S	Mild	64			x				
1740 Polk Street, San Francisco - Seismic Retrofit	23	201720.100	3	1		10	~ 1932	x		90.00	42.00	N-S	Flat	61			x			SMRF's only in N-S direction	
733 27th Avenue, San Francisco - Remodel	24	201721.050	1	1	-	-	-	-	-	89.50	36.00	N-S		26						Mostly Beam design and evaluation	
1003 Anza Street, San Francisco - Seismic Retrofit	25	201722.100	3	1		5	1916			85.50	24.75	N-S	Flat	51						All Shear Walls!	
1251 8th Ave, San Francisco - Seismic Retrofit Bonus 2017 !	26	201704.200	3	1	0	8	1963	0	0	97.00	37.50	N-S	Flat	20				x		AISC FB SMRF	

Total = 1274  
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