



**THE CONCRETE COALITION**  
**Community Risk Profile Summary**

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**Community Risk Profile Summary for San Francisco**

Please note: Estimates in this report are preliminary and have not yet been reviewed for accuracy.

**Population:** 739,426

**Year of Incorporation:** 1850

**Population Density:** 15,833.5

**Data Sources**

**Counts & Surveys**

Sanborn maps

**Plans and Histories**

**Field Work**

**Google Earth**

**Total Number of Buildings:** 130000

Single Family Residences:

Multi-Family Residences:

Other Private Buildings:

City Buildings:

**Total number of concrete buildings:** 4000

**Total number of pre-1980 buildings:** 115000

**Total Square Footage:**

**Total Number of Pre-1980 Concrete Buildings:** 3200 (includes schools)

**Total Square Footage of Pre-1980 Concrete Buildings:**

(\* Concrete Coalition will provide counts for public schools, OSHPD-regulated hospitals and State of CA buildings)

**Attached Files (see below):**

- 1) San\_Francisco\_2009\_05\_10.xls (Pages 3 - 45)
- 2) SF Inventory Report 2010 07 rev 00.doc (Pages 46 - 58)
- 3) Field\_Verification\_Summary\_rev\_2.xls (Pages 59 - 222)

## **Reporter's Information**

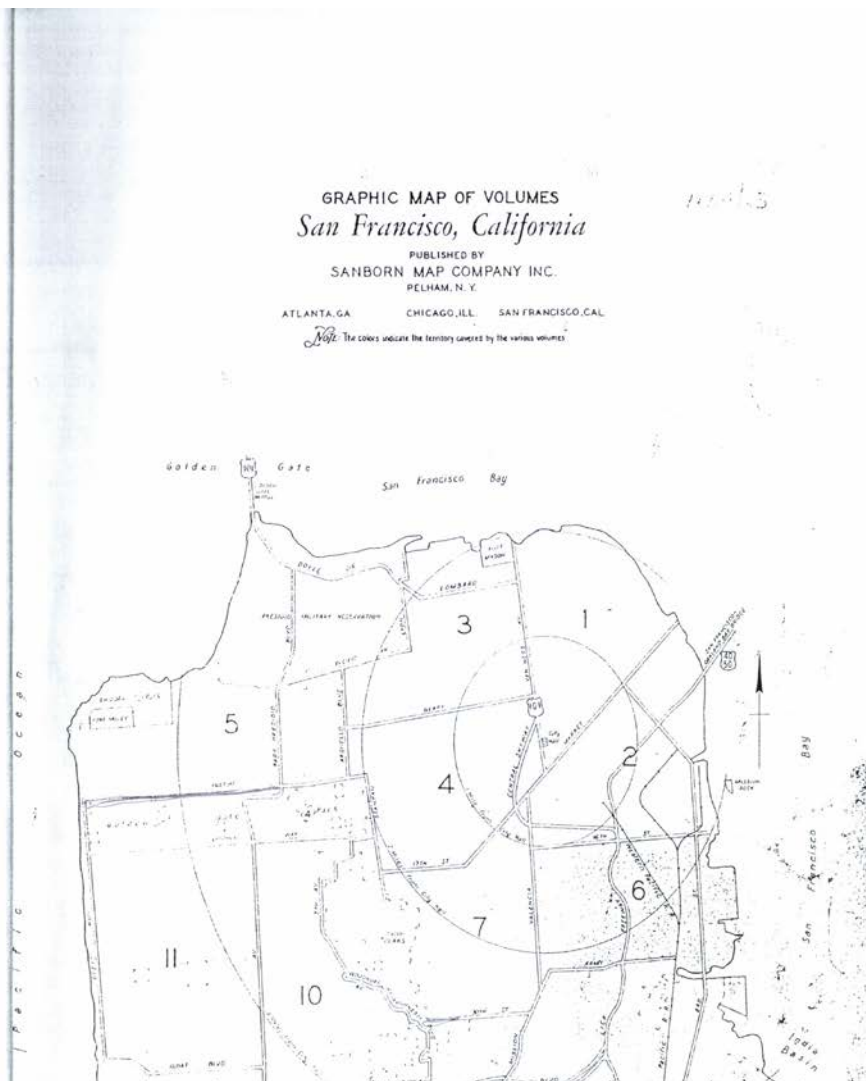
Name: Stephen Kadysiewski

Organization: Bechtel Engineering

Discipline: structural engineering

Comments: Large volunteer group includes: David Bonowitz Ayse  
Celikbas Valerie Martin Simin Naaseh Meghann Rand Karl Telleen

Volume	All	Residential	Public	Assy	Parking only	Institution?	Notes
1	1212	433	15	81	39		
2	1050	18	1	38	22		
3	375	161	5	19	63		
4	286	74	12	12	44		
5	113	13	2	7	23		
6	319	51	7	3	0		
7	91	18	3	5	37		
8	108	0	0	0	0		
9	114	1	0	3	0		
10	106	6	4	3	61		
11	77	0	0	0	0		Needs some work
Sum	3851	775	49	171	289		





Volume	Page	Cross-Str	All	Residential	Public Assy	Parking only	Institution?	Notes
1	1	Mason/Jefferson	8	1		2		Auditorium/Pavillion to be verified if still exists
1	2	Stockton/Beach	6			2		
1	3	Kearny/North Point	5			1		Sewage Plant
1	4	Montgomery/Chestnut	3					2 piers: 29, 31, 33
1	5	Embarcadero	3					3 Piers: 19, 23, 27
1	6	Embarcadero	2					2 piers: 9, 15
1	7	Embarcadero	1					Pier 1
1	8	Embarcadero	3					Ferry Building
1	9A	Embarcadero	7	7				
1	9B	Embarcadero	2					
1	10	Drumm/Jackson	10	6		1		
1	11	Drumm/Washington	3					
1	12	Drumm/Sacramento	7					
1	13	Front/Green	5					
1	14	Front/Broadway	13	7		1		
1	15	Front/Jackson	3					
1	16	Front/Clay	5					
1	17	Front/Sacramento	8					
1	18	Front/Pine	9			1		
1	19	Sansome/Lombard	9			1		
1	20	Sansome/Filbert	5					
1	21	Sansome/Green	8					
1	22	Sansome/Broadway	15					
1	23	Sansome/Jackson	13					
1	24	Sansome/Clay	10					
1	25	Sansome/Sacramento	13					
1	26	Sansome/Pine	25					Review to verify if steel with CMU infill when designated "brick curtain wall"
1	27	Sansome/Sutter	3					
1	28	Kearny/Francisco	9			1		
1	29	Kearny/Lombard	2	2				
1	30	Kearny/Filbert	2					

1	31 Kearny/Green	1					
1	32 Kearny/Broadway	11			1		
1	33 Kearny/Jackson	17					
1	34 Kearny/Clay	16			1		
1	35 Kearny/Sacramento	18			2		
1	36 Kearny/Pine	13					
1	37 Kearny/Sutter	3					
1	38 Kearny/Geary	13					
1	39 Stockton/Bay	9				1	School
1	40 Stockton/Chestnut	1				1	School
1	41 Stockton/Greenwich	4					
1	42 Stockton/Union	9			2		
1	43 Stockton/Vallejo	12			1	1	Police Station
1	44 Stockton/Broadway	27	8	1			Movie Theater?
							Chinese Hospital /
1	45 Stockton/Washington	26	3		1	2	School
1	46 Stockton/Sacramento	22	11	1	1		Chinese YMCA
1	47 Stockton/Pine	21	9	1		1	School
1	48 Stockton/Sutter	19					
1	49 Stockton Geary	12			1		
1	50 Stockton/Market	10					
1	51 Mason/Bay	3					
1	52 Mason/Chestnut	9					
1	53 Columbus/Greenwich	5	2		1		
1	54 Mason/Union	3			1		
1	55 Mason/Vallejo	9	3				
							Rest Home Tunnel Vent
1	56 Mason, Pacific	4	2			2	Struct
1	57 Mason, Washington	2	1			1	Chinese Rec. Cntr.
1	58 Mason, Sacramento	6	4		2		
1	59 Mason, Pine	17	14		2		
1	60 Mason, Sutter	35	18		1		
							1st Congr Ch, Theatres
1	61 Mason, Geary	30	10	2	4	1	(2)
1	62 Mason, Ellis	11	5		1		
1	63A Mason, Turk	9	3	1	1		theatre
1	63B Van Ness, Market	1					
1	64 Jones, Jefferson	4	1		1		

1	65 Jones, North Point	6	1				
1	66 Jones, Francisco	4			3		N.P. Housing Project, SF Art Inst. 2 steel frame, concrete walls
1	67 Jones, Lombard	3	2				
1	68 Jones, Filbert	3	2		1		
1	69 Jones, Green	5	5				
1	70 Jones, Broadway	0					
1	71 Jones, Jackson	2	1		1		steel frame, concrete walls
1	72 Jones, Clay	9	7		1		
1	73 Jones, California	10	4			5	Grace Cathedral (3), Cathedral Sch., Masonic Temple
1	74 Jones, Bush	26	21		1		
1	75 Jones, Post	35	24	1	3		Theatre
1	76 Jones, Offarrell	38	27		1	1	Church
1	77 Jones, Eddy	39	19		4		
1	78 Jones, Golden Gate	17	3	1	2		Theatre
1	79 Beach, Polk	1		1			Maritime Mus.
1	80 Beach, Hyde	0					
1	81 Hyde, North Point	5			1		
1	82 Hyde, Francisco	4	4				
1	83 Hyde, Lombard	4	4				
1	84 Hyde, Filbert	8	8				
1	85 Hyde, Green	2	1				
1	86 Hyde, Broadway	1				1	Entrance, B'way Tunnel
1	87 Hyde, Jackson	3					
1	88 Hyde, Clay	1				1	SFFD
1	89 Hyde, California	3	1		1		
1	90 Hyde, Bush	31	22		1	4	Rest Home, St. Francis Hosp (3)
1	91 Hyde, Post	39	27		1		
1	92 Hyde, Ofarrell	50	38		3		
1	93 Hyde, Eddy	40	30		4	1	PG&E Substa.
1	94 Hyde, Golden Gate	26	13			2	YMCA, SFFD Hdqtrs.

1	95A Hyde, Fulton	3		1			Orpheum, Fed Off Bldg (1935)
1	95B Leavenworth, McAllister	1	1				Hotel Miramar Ghiradelli Sq., Galileo
1	96 Polk, North Point	9	3	1	1	2	HS (2)
1	97 Polk, Francisco	2	1			1	Galileo HS
1	98 Polk, Lombard	9	8		1		
1	99 Polk, Filbert	3	3				
1	100 Polk, Green	6	3	1	1		Theatre
1	101 Polk, Broadway	11	1		1		
1	102 Polk, Jackson	9	1		1		
1	103 Polk, Clay	3					
1	104 Polk, California	9			1		
1	105 Polk, Bush	11	2	1	3	1	theatre, telephone exchange
1	106 Polk, Post	24	6		3	1	telephone exch.
1	107 Polk, Ofarrell	28	12		5		
1	108 Polk, Eddy	23	10		3	2	SFPD, Calif. Hall
1	109 Polk, Golden Gate	7	1			3	State Office Bldgs City Hall not included. Brooks Hall and parking underground
1	110 Polk, McAllister	2		1	1		Assume Fox Plaza not incl.
1	111 Polk, Hayes	8	1		1		Steel frame, LFRS = ?
1	112 Pier 45	0					
2	113 Embarcadero, Mission	1				1	State of Cal Dept. of Ag.
2	114 Embarcadero, Folsom	0					
2	115 Embarcadero, Spear	3					
2	116 Embarcadero, Beale	0					
2	117 Embarcadero, Brannan	2					Piers 36, 38
2	118 Embarcadero, King	1					Pier 40
2	119 Spear, Market	2					
2	120 Spear, Mission	6					
2	121 Spear, Howard	5			1		
2	122 Spear, Folsom	4					
2	123 Fremont, Market	3					
2	124 Fremont, Mission	3				1	Transbay Terminal



2	125 Fremont, Howard	7				
2	126 Fremont, Folsom	12				
2	127 Fremont, Harrison	4				
2	128 Fremont, Bryant	3				
2	129 2nd, Market	11				
2	130 2nd, Mission	5	1			
2	131 2nd, Howard	13				
2	132 2nd, Folsom	5				
2	133 2nd, Bryant	7				
2	134 2nd, Brannan	14				
2	135 2nd, Townsend	3				
2	136 2nd, Berry	4				
2	137 3rd, Market	11	2			
2	138 3rd, Mission	8	1	1		Fire Station
2	139 3rd, Howard	10				
2	140 3rd, Folsom	10				
2	141 3rd, Bryant	20				
2	142 3rd, Brannan	22				
2	143 3rd, Townsend	15				
						Big Warehouses-still exist?
2	144 3rd, Berry	14				
2	145 4th, Market	5				
2	146 4th, Mission	0				Moscone
2	147 4th, Howard	0				Moscone
2	148 4th, Folsom	8				
2	149 4th, Bryant	17	2			
2	150 4th, Brannan	12		1		Post Office
2	151 4th, Townsend	11				
						China Basin Bldg (retrofit)
2	152 4th, Berry	1				
2	153 5th, Market	8	1			
2	154 5th, Mission	3	1			
2	155 5th, Howard	26	3	1		Day Care
						Senior Citizen Ctr.,
						Salvation Army (C.B.)
2	156 5th, Folsom	20		0		
2	157 5th, Harrison	4				
2	158 5th, Bryant	14		1		SFFD
2	159 5th, Brannan	7	2			

2	160 5th, Townsend	2			2	R.R. Sta., Sewage Pump Sta.
2	161 6th, Market	15				
2	162 6th, Mission	23	2			
2	163 6th, Howard	32		1		
2	164 6th, Folsom	26	2	2		
2	165 6th, Harrison	24		3		
2	166 6th, Bryant	22				
2	167 6th, Brannan	8				
2	168 6th, Townsend	0				R.R.
2	169 7th, Market	14				
2	170 7th, Mission	17	1			
2	171 7th, Howard	21		1		
2	172 7th, Folsom	16			1	Holy Trinity Ch. Mental Hlth Ctr., Hall of Justice
2	173 7th, Harrison	4			2	
2	174 7th, Bryant	16				
2	175 7th, Brannan	12				
2	176 7th, Townsend	2				Pollution Cntrl Pmp Sta Theatre
2	177 8th, Market	6	1	1		
2	178 8th, Mission	23	1	1		
2	179 8th, Howard	19				
2	180 8th, Folsom	17		1		
2	181 8th, Harrison	6		1	1	CHP Office Gift Cntr
2	182 8th, Bryant	17				
2	183 8th, Brannan	1		1		
2	184 8th, DeHaro	2		1		Golden Gate Disposal Includes Holiday Inn
2	185 9th, Market	12	1			
2	186 9th, Mission	29		2	1	Canon Kip House
2	187 9th, Howard	29			1	Korean Ch.
2	188 9th, Folsom	24		2		
2	189 9th, Harrison	19				
2	190 9th, Bryant	8				
2	191 S. Van Ness, Market	4				
2	192 Gough, Market	20	2		1	SF Comm Col Dist
2	193 11th, Mission	17			1	Children's Haven St. Josephs Sch (partial)
2	194 11th, Howard	19		2	1	

2	195 13th, Mission	14						
2	196 13th, Harrison	7						Falstaff (didn't count 6 concrete on steel fram buildings)
2	197 Duboce, Stevenson	15	1	2		2		Dept. Social Welfare,
2	198 13th, Mission	16		3		1		Greek Orthodox Ch.
2	199 14th, Folsom	12		2				Private School
2	200 14th, Harrison	15						
2	201A 9th, Division	2						
2	201B 10th, Bryant	6						
2	202A Rhode Island, Alameda	2						
2	202B Vermont, Alameda	3						
2	203 15th, Valencia	8	1	1		1		Armory (partial concrete)
2	204 15th, Mission	5						
2	205 15th, Shotwell	9		2				
2	206 15th, Folsom	2						
2	207 15th, Harrsion	9						Includes city pound
2	208 15th, Bryant	7						
2	209 15th, Utah	5						
2	210 15th, Vermont	2				1		SFFD
2	211 15th, Rhode Island	3						
2	212A Pier 50	0						Piers have concrete cladding (not counted)
2	212B 15th, De Haro	0						
2	213 16th, Hubbell	6		1				Greyhound Garage
2	214 7th, Hubbell	0						
2	215 6th, Channel	3						
2	216 4th, Channel	1						Concrete Block
2	217 3th, 4th,	0						Railyards
2	218 16th, Pennsylvania	2		1				Both tilt-up?
2	219 6th, Barstow	1						tilt-up?
2	220 Illinois, 4th	2						
2	221 Channel, China Basin	2						Piers
2	222 Mission Rock, China Basin	0						
2	223 4th, China Basin	1						Concrete Block Office

3	225 Franklin, Francisco	2	2				c.b. 1st
3	226 Franklin, Lombard	3	3				both steel frm + rc
3	227 Franklin, Filbert	2		1			
3	228 Franklin, Green	5	3			1	Sherman public sch
3	229 Franklin, Broadway	11	9			2	St. Brigids Church, Sch
3	230 Franklin, Jackson	18	13	1			
3	231 Franklin, Clay	13	10	1			
3	232 Franklin, California	17	8	2			
3	233 Franklin, Bush	19	4	2		1	St. Gregory Ch.
3	234 Franklin, Sutter	5	0	2			
3	235 Octavia, Francisco	1				1	SF Ladies Society Home
3	236 Octavia, Lombard	1					
3	237 Octavia, Filbert	0					
3	238 Octavia, Green	9	6	2		1	Pub. Libr.
3	239 Octavia, Broadway	14	13			1	LDS Ch.
3	240 Octavia, Jackson	5	5				
3	241 Octavia, California	7	7				
3	242 Octavia, Bush	6	4			1	Morning Star Sch.
3	243 Octavia, Post	4	3				2 large apts.
3	244 Buchanan, Beach	0					
3	245 Buchanan, Bay	5	1	1			Park Bleachers
3	246 Buchanan, Lombard	2	2				
3	247 Buchanan, Filbert	1					
3	248 Buchanan, Green	4	3	1			Movies
3	249 Buchanan, Broadway	11	10			1	Hamlin Sch.
3	250 Buchanan, Jackson	10	10				
3	251 Buchanan, Sacramento	8	2			2	CMPC Hosp.
3	252 Buchanan, California	4	2			2	Cong. Sherith Israel, Firehouse
3	253 Buchanan, Bush	1	1				
3	254 Buchanan, Post	7	1	2			Japan Center
3	255 Filmore, Beach	0					
3	256 Filmore, North Point	0					
3	257 Filmore, Chesnut	3				1	Marina JHS
3	258 Filmore, Lombard	9	2			1	Post Office
3	259 Filmore, Filbert	4	2	1			

3	260 Filmore, Green	1				
3	261 Filmore, Broadway	6	5		1	Vedanta Soc. Necomer HS, Calvary Ch. U.O.P.
3	262 Filmore, Jackson	4	2		2	
3	263 Filmore, Clay	3			1	
3	264 Filmore, California	8	3			
3	265 Filmore, Bush	6		1		
3	266 Filmore, Post	10	1		1	Japan Center
3	267 Scott, Marina	0				
3	268 Scott, Beach	0				
3	269 Scott, Alhambra	0				
3	270 Scott, Chesnut	15		1		Part of map missing Part of map missing, locker room
3	271 Scott, Greenwich	1	1			
3	272 Scott, Union	2			2	St. Vincent Sch.
3	273 Scott, Vallejo	0				
3	274 Scott, Pacific	1				
3	275 Scott, Sacramento	1	1			
3	276 Scott, Pine	2			2	St. Dominic's Ch. City Rec. Bldg., U.O.P.
3	277 Scott, Post	2			2	Apartments Harbor Office
3	278 Divisadero, Marina	1				
3	279 Divisadero, Jefferson	0				
3	280 Divisadero, North Point	1			1	Winfield Scott Sch.
3	281 Divisadero, Francisco	2		1		Movies Gas Sta.
3	282 Divisadero, Lombard	1				
3	283 Divisadero, Filbert	1	1			
3	284 Divisadero, Green	0				
3	285 Divisadero, Broadway	0				
3	286 Divisadero, Jackson	2	1		1	Town Sch.
3	287 Divisadero, Clay	1	1			
3	288 Divisadero, Calif	4	1	1	1	William Cobb Sch
3	289 Divisadero, Bush	9		2	2	1 Hosp, 1 Rest Home
3	290 Divisadero, Post	13			7	Mt. Zion (UCSF)
3	291 Baker, Marina	2				Utility, Rest room
3	292 Baker, Jefferson	0				
3	293 Baker, North Point	0				
3	294 Baker, Francisco	0				

3	295 Baker, Lombard	2	1			
3	296 Baker, Filbert	0				
3	297 Baker, Green	1		1	USSR Consulate	
3	298 Baker, Broadway	1	1			
3	299 Baker, Jackson	4	3	1	SF Univ HS SF Univ HS, Public Library	
3	300 Baker, Clay	2		2	Drew Sch.	
3	301 Baker, California	2	1	1	St. Benedicts Youth Center	
3	302 Baker, Bush	1		1	Rest Home, 6-Westside Courts	
3	303 Baker, Post	7	6	1	Swedenborgian Ch. School (previously a garage)	
3	304 Presidio, Jackson	1		1	UCSF Laurel Heights Fire Sta.	
3	305 Presidio, Clay	1		1	Muni Transp Bldg	
3	306 Presidio, California	2		2	Private Sch	
3	307 Presidio, Euclid	3	2	1		
3	308 Presidio, Post	3		1		
3	309 Laurel, Jackson	1	1			
3	310 Laurel, Clay	2	1	1		
3	311 Laurel, California	5				
3	312 Laurel, Euclid	1		1	UCSF Laurel Heights Garden Hosp	
3	313 Collins, Geary	5		1		
3	314 Spruce, Jackson	2	2			
3	315 Spruce, Clay	0				
3	316 Spruce, California	9		1	3	Marshall Hale Hosp.
3	317 Spruce, Euclid	0				
3	318 Spruce, Geary	1		1		
3	319 Cherry, Jackson	0				
3	320 Cherry, Sacramento	6		1	4	Childrens Hosp. (4)
3	321 California, Palm	0				
3	322 California, Commonwealth	0				
3	323 Geary, Palm	3		1		
3	324 Geary, Commonwealth	0				

4	325 Franklin/O'Farrell	13	2	1		2/13 church (1 bldg = 1912, remaining counted as 1 = 1967), 9/12 have some parking
4	326 Franklin/Eddy	14	4	1		2/14 = hotel (mixed reinf conc/conc block), 1/14 = Sacred Heart School, 4/14 include some parking, 1/14 = church
4	327 Franklin/Golden Gate	2	1		2	1/2 = offices, 1/2 = hotel
4	328 Franklin/Fulton	5	4			one more possible (for total of 6): open deck garage says "F.P. - 1983 (conc)," but might be conc panels
4	329 Franklin/Hayes	8	1			3/8 = SF Board of Educ Admin offices, 2/8 = other offices
4	330 Franklin/Oak	17	1	2		1/17 = fire station, 1/17 = church
4	331 Laguna/Ellis	7	1		2	2/7 = St Mary's Cathedral/High School
4	332 Golden Gate/Laguna	0				
4	333 Fulton/Octavia	0				
4	334 Hayes/Octavia	4				2/4 = warehouses
4	335 Oak/Octavia	4	3			1/4 = offices
4	336 Haight/Octavia	6	1	1		1/6 = law school
4	337 Geary/Laguna	6		1	2	4/6 = Raphael Weill School (1/4 = auditorium)
4	338 Eddy/Buchanan	15	13			13/15 = Plaza Housing Proj. (counted separate projections of bldgs as

4	339 Golden Gate/Laguna	5	4	1		4/5 = Yerba Buena Plaza Housing Proj., 1/5 = recreation building 4/5 = colored blue w/yellow perimeter, but no notes; possibly housing towers over concrete basement (parking in basement), 1/5 = cultural center
4	340 Fulton/Laguna	5	4			
4	341 Hayes/Buchanan	0				
4	342 Oak/Buchanan	1		1		1/1 = John Muir School, part auditorium
4	343 Haight/Buchanan	4				4/4 = UC Extension
4	344 Hermann/Buchanan	5	1			4/5 = UC Extension
4	345 O'Farrell/Fillmore	2				
4	346 Eddy/Fillmore	2	1			
4	347 Golden Gate/Fillmore	8	5		1	1/8 = fire station, 4/8 = El Bethel Housing for the Aged
4	348 Fulton/Fillmore	2	2			
4	349 Hayes/Fillmore	0				
4	350 Oak/Fillmore	3				1/3 = Sacred Heart School
4	351 Haight/Fillmore	2	1		1	
4	352 Hermann/Fillmore	1			1	
4	353 14th St/Belcher	3				1/3 = fire station (notes steel frame & reinf conc walls), 1/3 = Visiting Nurse Association
4	354 Market/Duboce	0				
4	Market/Rose	2	2			
4	Market/Waller	4	1			



4	355 O'Farrell/Pierce	2				1/2 = Benjamin Franklin Junior High School gym, 1/2 = City Health Center
4	356 Eddy/Pierce	10	10			10/10 = Yerba Buena Plaza Housing Project 1/3 = church, 1/3 = Golden Gate School Annex
4	357 Golden Gate/Pierce	3		1		
4	358 Fulton/Pierce	0				
4	Hayes/Pierce					
4	359 Oak/Pierce	0				
4	360 Haight/Pierce	1			1	
4	361 Duboce/Scott	1		1		City & County of SF Recreational Arts Bldg
4	362 Market/16th St	0				
4	Oak/Broderick	0				
4	Haight/Broderick	1	1			
4	363 14th St/Castro	5			5	5/5 = Davies Medical Center
4	364 14th St/Walter	0				
4	365 15th St/Castro	0				
4	366 15th St/Noe	0				
4	367 O'Farrell/Divisadero	4			1	2/4 = PGE 8/8 = Yerba Buena Plaza Housing Project 1/1 = parking/auto repair
4	368 Eddy/Divisadero	8	8			
4	369 Golden Gate/Divisadero	1				
4	370 Fulton/Divisadero	2				2/2 = auto repair
4	371 Hayes/Divisadero	1				1/1 = auto repair
4	372 Oak/Divisadero	0				
4	373 Haight/Divisadero	0				
4	374 Waller/Divisadero	0				
4	375 O'Farrell/St Joseph's Ave	6			6	6/6 = Kaiser Hospital, MOB & annex
4	376 Turk/Baker	0				
4	377 Golden Gate/Baker	1	1			Apts for Senior Citizens

4	378 Fulton/Baker	0				1/2 = fire station, 1/2 - Beverly Manor Convalescent Hospital (not sure of this one, says fireproof const 1970, not specifically concrete)
4	379 Hayes/Baker	2			1	
4	380 Page/Baker	1	1			1/1 = church
4	381 14th St/Buena Vista Terræ	0				
4	382 15th St/Buena Vista Terræ	0				
4	383 Masonic/Frederick	0				
4	384 Buena Vista Ave/Park Hill	1	1			Park Hill Condominiums Buena Vista Manor House (**possibly 4 additional bldgs, for total of 5 - 1 colored orange, 3 colored blue, but no notes; blue footprint looks like a church)
4	Roosevelt Way/Fairbanks	1	1			
4	385 16th St/Flint	1			1	Randall Museum
4	386 Vulcan/Levant	0				
4	387 Frederick/Downey	1				1/1 = auto repair
4	388 Clifford Terrace/Upper Ter	0				
4	389 O'Farrell/Masonic	3				3/3 = Sears 4/9 = Raoul Allenberg High School, 1/9 = St. Elizabeth's Infant Hospital (1958 wing), 4/9 = SF Medical Society/Blood Bank
4	390 Vega/Anzavista	9				
4	391 Golden Gate/Central	1		1		
4	392 Fulton/Central	0				
4	393 Hayes/Central	1				1/1 = auto repair
4	394 Page/Central	0				
4	395 Geary/Collins	3		1		1/3 = auto repair

4	396 Turk/Masonic	2	1		1/2 = Academy of the Presentation High School for Girls (w/auditorium & gym), 1/2 = Lincoln University
4	397 Golden Gate/Tamalpais Tr	5			5/5 = USF, 2/5 colored orange but no notes
4	398 Fulton/Ashbury	0			
4	399 Hayes/Ashbury	2			1/2 = John Adams Community College (boys gym) 1/2 = St Agnes Gym, 1/2 = day care
4	400 Page/Ashbury	2			
4	401 Geary/Spruce	1			
4	402 Turk/Parker	10		10	10/10 = USF Lone Mountain Campus
4	403 Golden Gate/Parker	6		6	6/6 = USF
4	404 Fulton/Cole	6		6	6/6 = USF
4	405 Hayes/Cole	1			Andrew Jackson School
4	406 Page/Cole	1			
4	407 Geary/Stanyan	2			
4	408 Anza/Stanyan	0			
4	409 McAllister/Stanyan	2		2	2/2 = USF 1/2 = St Mary's Hospital, 1/2 = monastery
4	410 Fulton/Stanyan	2		1	
4	Hayes/Shrader	3		3	3/3 = St Mary's Hospital 1/1 = dog hospital, colored blue but no mat'ls noted 1/1 = natatorium
4	411 Geary/Arguello	1			
4	Anza/Arguello	1			
4	412 Arguello/McAllister	0			

4	413 Stanyan/Page	5		1	1/5 = Diagnostics & Treatment Ctr St Mary's Hospital, 3/5 = SF Boys Club
4	414 Shrader/Waller	2			1/2 = bowling, 1/2 = auto repair
4	415 Belvedere/Waller	0			
4	416 Downey/Waller	1			Convent School
4	417 Delmar/Waller	0			
4	418 Masonic/Waller	1			Wm R. De Avila Grammar School
4	419 Arguello/Carl	6			3/6 = SF University Landscaping Dept
4	420 Stanyan/Carl	2		1	
4	421 Shrader/Carl	0			
4	422 Cole/Carl	1			1/1 = auto repair
4	423 Shrader/Alma	0			
4	424 Belvedere/Alma	0			
4	425 Parnassus/Willard	1			1/1 = fire station
	Woodland/Willard (Sutro				
4	426 Forest area)	0			
5	431 Lake , Arguello	2	1	1	Temple Emmanuel
5	432 Cal, 2nd	0			
5	433 Clement, 3	1			
5	434 Geary, 2 av	4		1	
5	435 Anza, 2 av	2			
5	436 Balboa, 2 av	1			
5	437 Cabrillo, 2	0			
5	438 Fulton, 2 av	0			
5	439 Lake , 6 av	0			
5	440 Cal, 6th	0			
5	441 Clement, 6 av	1			
5	442 Geary, 6 av	3			PG&E Substation (1)
5	443 Anza, 6 av	1			
5	444 Balboa, 6 av	0			
5	445 Cabrillo, 6 av	2			
5	446 Fulton, 6 av	0			
5	447 Cal, 9 av	0			

5	448 Clement, 9 av	1			
5	449 Geary, 9 av	9		7	
5	450 Anza, 9 av	4	2	1	Muni Substa.(1)
5	451 Balboa, 9 av	0			
5	452 Cabrillo, 9 av	0			
5	453 Fulton, 9 av	2			
5	454 Calj, 12	0			
5	455 Clement, 12 av	1			
5	456 Geary, 12 av	7		1	
5	457 Anza, 12 av	2	1		
5	458 Balboa, 12 av	0			
5	459 Carillo, 12 av	0			
5	460 Fulton, 12 av	0			
5	461 Cal, 16	0			
5	462 Clement, 16	0			
5	463 Geary, 16 av	2	1		
5	464 Anza, 16 av	0			
5	465 Balboa, 16 av	0			
5	466 Carillo, 16 av	0			
5	467 Fulton, 16 av	0			
5	468 Cal, 19 av	0			
5	469 Clement, 19	0			
5	470 Geary, 19 av	2	1		
5	471 Anza, 19 av	1			
5	472 Balboa, 19 av	0			
5	473 Cabrillo, 19 av	0			
5	474 Fulton, 19	0			
5	475 Lake, 22 av	0			
5	476 Cal, 22	0			
5	477 Clement, 22 av	3	1	1	
5	478 Geary, 22	5	1		
5	479 Anza, 22	5			
5	480 Balboa, 22	0			
5	481 Cabrillo, 22 av	0			
5	482 Fulton, 22 av	0			
5	483 El Cam del Mar, 26 av	0			
5	484 Lake, 26 av	0			
5	485 Cal, 25	0			

5	486 Clement, 25	0			
5	487 Geary, 25	4		4	
5	488 Anza, 25	3	1		
5	489 Balboa, 25	1			PG&E substa. (1)
5	490 Cabrillo 25	2			
5	491 Fulton, 25	0			
5	492 Cal, 28	0			
5	493 Clement, 28	1	1		
5	494 Geary, 28	3	1		1
5	495 Anza, 28	2	2	1	
5	496 Balboa, 28	0			
5	497 Cabrillo, 28	0			
5	498 Fulton, 28	0			
5	499 El Cam del Mar, 27 av	0			
5	500 Lake, 28 av	0			
5	501 El Cam, 30 av	0			
5	502A Lincoln Park	1		1	Legion of Honor
5	502B Lake 31 Av	0			
5	503 Clement, 31	1			
5	504 Geary 31 av	1		1	Presidio Mid Sch
5	505 Anza, 32 av	1		1	G. Wash HS
5	506 Balboa, 32 av	2		1	Gym
5	507 Cabrillo, 32 av	0			
5	508 Fulton, 32	0			
5	509 Geary, 35 av	1			
5	510 Anza, 35	2		1	Library
5	511 Balboa, 35 av	2		1	
5	512 Cabrillo, 35 av	1		1	prvt sch
5	513 Fulton, 35 av	0			
5	514 Geary, 39 av	0			
5	515 Anza, 39 av	0			
5	516 Balboa, 39 av	1	1		
5	517 Cabrillo, 39 av	2		1	
5	518 Fulton, 39	0			
5	519 Geary, 43	2	1		
5	520 Anza, 43	0			
5	521 Balboa, 43 av	1	1		
5	522 Cabrillo, 43 av	0			

5	523 Fulton, 43 av	0			
5	524 Pt Lobos, 45	1	1		
5	525 Anza, 46	0			
5	526 Balboa, 46 av	0			
5	527 Cabrillo, 46	0			
5	528 Fulton, 46	0			
5	529 pt Lobos, Merrie Wy	0			
5	530 Pt Lobos, 48	0			
5	531 Anza, 48	0			
5	532 Balboa, 48	0			
5	533 Cabrillo, 48	1	1		Hotel
5	534 Fulton, 48	2			
5	535 Golden Gate Park:				
5	535A Dutch Windmill	1			
5	535B Model Yatch Bldg./	1			
5	535C Locker Rm nr horse stable	1			
5	535D SF Hall of Flowers	1			
5	535E Nr. 3rd av. And Lincoln	5			
5	535F Sharon bldg, maint.	2			
5	535G GGP Police Station	1			
5	535H Kezar Pavillion	1			
5	535I Park Emergency	1			
6	541a Florida, 17th	6	0	0	0
6	541b Hampshire, 17th	1	0	0	0
6	542A Utah, 17tj	3	0	0	0
6					
	542b Vermont, 17th	3	0	0	0
6	543a Rhode Island, 17th	0	0	0	0
6	543b Carolina, 17th	5	0	0	0
6	544a Arkansas, 17th	4	0	0	0
6	544b Missouri, 17th	3	0	0	0
6	545a Mississippi, 17th	0			
6	545b Pennsylvania, 17th	1			
6	546a 16th & Railroad	0			
6	546b Kentucky (3rd), 16th	0			
6	547 Illinois, 16th	5			
6	548 Pier 66	0			

1/3 is State of  
Calif Material  
Testing Lab

6	549 Mission, 17th	8	2	0	0	
6	550 Capp, 17th	10	1	0	0	
6	551 Shotwell, 17th	6	0	0	0	
6	552 Folsom, 17th	5	0	0	0	
6	553 Florida, Mariposa	8	0	0	0	
6	554 Mariposa, Hampshire	12	0	0	0	MUNI garage, DPW
6	555 Mariposa, Utah	2	0	0	0	
6	556 Mariposa, Kansas	2	0	0	0	
6	557 Mariposa, Carolina	4	0	0	0	
6	558 Mariposa, Missouri	3	0	0	0	
6	559 Mariposa, Mississippi	4	0	0	0	
6	560 Mariposa, Minnesota	8	0	0	0	
6	561 Mariposa, 3rd	2	0	0	0	
6	562 Illinois, 17th	0	0	0	0	
6	563 Lexington, 19th	8	4	0	0	
6	564 Capp, 19th	4	3	1	0	1/4 is restaurant (public assy)
6	565 Shotwell, 19th	6	0	0	0	
6	566 Treat, 19th	8	0	0	0	
6	567 Alabama, 19th	7	0	0	0	1/7 school Mission Language & Vocational School
6	568 York, 19th	3	0	0	0	
6	569 Potrero, 19th	4	0	0	0	
6	570 Vermont, 19th	2	0	1	0	Patrick Henry School Potrero Hill Junior High School 2/2 are school, 1 of which assumed Assembly
6	571 Carolina, 19th	2	1	0	0	
6	572 Arkansas, 19th	1	0	0	0	
6	573 Texas, 19th	1	0	1	0	Daniel Webster School auditorium
6	574 Iowa, 19th	1	0	0	0	
6	575 19th, 3rd	3	0	0	0	
6	576 Louisiana, 24th	1	0	0	0	
6	577 Bartlett, 21st	10	1	0	0	



6					St. John's Evangelical Lutheran (Assy), movie theater (assy)
	578 Capp, 21st	6 1	2	0	
6	579 Shotwell, 21st	2 0	0	0	
6					2/5 are John A. O'Connell Vocational & Technical Institute 1/2 is "P" for public
	580 Treat, 21st	5 0	0	0	
6	581 Alabama, 21st	2 0	0	0	
6	582 Bryant, 21st	0			
6	583 Hampshire, 21st	0			
6	584 Potrero, 22nd	0			
6	585 Kansas, 22nd	0			
6	586 Wisconsin, 22nd	0			
6	587 Missouri, 22nd	0			
6	588 Texas, 22nd	0			
6	589 Indiana, 22nd	3 0	0	0	
6	590 Third, 22nd	4 0	0	0	
6	591 Illinois, 19th	2 0	0	0	
6	592 Todd Shipyard at 20th	1 0	0	0	
6	593 Michigan, 22nd	1 0	0	0	
6	594 Michigan, 22nd	0			
6					3/11 Horace Mann Junior High School, 1/11 Mission Comm College
	595 Bartlett, 23rd	11 0	0	0	
6	596 Capp, 23rd	3 0	0	0	
6					1/2 Hawthorne School
	597 Shotwell, 23rd	2 0	0	0	
6	598 Treat, 23rd	6 0	0	0	
6	599 Alabama, 23rd	0			
6	600 Bryant, 23rd	1 0	0	0	
6	601 Hampshire, 23rd	0			

6	602 Potrero, 23rd	9			SF General Hospital	
6	603 Rhode Island, 23rd	0				
6	604 Carolina, 23rd	0				
6	605 Arkansas, 23rd	1	0	1	0	Potrero Hill Rec Center
6	606 Pennsylvania, 23rd	2	0	0	0	
6	607 Indiana, 23rd	1	0	0	0	MUNI Maintenance Shop
6	608 Third, 23rd	3	0	0	0	
6	609 Louisiana, 23rd	2	0	0	0	
6	610 Maryland, 23rd	2	0	0	0	
6	611 Bartlett, 25th	1	0	0	0	
6	612 Valencia, Army	4	0	0	0	Employment Development
6	613 Capp, 25th	2	0	0	0	
6	614 Shotwell, 25th	3	0	0	0	
6	615 Treat, 25th	0				
6	616 Alabama, 25th	0				
6	617 Bryant, 25th	1	0	0	0	Sunshine School York Theatre (assy)
6	618 Hampshire, 25th	1	0	1	0	
6	619 Utah, 25th	1	0	0	0	
6	620 Vermont, 25th	0				
6	621 Rhode Island, 25th	2				
6	622 Rhode Island, 26th	6	0	0	0	2/6 Starr King School 30/30 Potrero Terrace SF Housing Auth.
6	623 Dakota, 23rd	30	30	0	0	
6	624 Texas, 24th	0				
6	625 Indiana, 25th	4	0	0	0	
6	626 Third, 25th	3	0	0	1	
6	627a South Van Ness, 26tg	7	0	0	2	
6	627b Harrison, 26th	0				
6	628a Florida, 26th	0				
6	628b York, 26th	0				

6	629 Utah, 25th	1				
6	630 Kansas, 25th	0				
6						
	631 Carolina, 25th	3	3			3/3 Potrero Terrace SF Housing Auth. 5/5 Potrero Terrace SF Housing Auth.
6						
	632 Connecticut, 25th	5	5			
6	633 Mississippi, 25th	0				
6	634 Indiana, 25th	6				
6	635 Third, 25th	1				
6	636 Georgia, 25th	0				
6	637 Delaware, 25th	0				
6	638 Indiana, Marin	1				
6	639 Third, Marin	2				
6	640 Michigan, Marin	0				
6	641 Maryland, Army	0				
7	661 Market & DuBoce	3	1			
7	662 DuBoce & Valencia	2		1		
7	663 Market & 15th	1				
7	664 Market & 14th	1				
7	665 15th & Guerrero	3	1		1	
7						
	666 14th & Guerrero	1			1	half of page is missing (half of page is cut out)
7						
	667 17th & Castro	1				half of page is missing (half of page is cut out)
7	668 16th & Sanchez	2			1	
7	669 17th & Church	3	1		2	
7	670 16th & Dolores	5	1		4	
7	671 17th & Guerrero	2			2	
7	672 16th & Valencia	9	1	1	1	
7	673 Shrader & 17th	2	2			
7	674 Cole & 17th	0				
7	675 Clayton & 17th	0				
7	676 Corbett & Clayton	1	1			
7	677 Market & Danvers	0				

7	678 Ord & 18th	0		
7	679 Eureka & 18th	0		
7	680 Collingwood & 18th	5	1	3
7	681 Castro & 19th	0		
7	682 Noe & 19th	0		
7	683 Church & 19th	1	1	
7	684 Dolores & 17th	1		1
7	685 18th & Guerrero	1		
7	686 18th & Valencia	2		
7	687 Market & Yukon	0		
7	688 19th & Yukon	0		
7	689 20th & Eureka	0		
7	690 20th & Castro	1		1
7	691 20th & Noe	0		
7	692 20th & Sanchez	0		
7	693 20th & Church	0		
7	694A 18th & Sanchez	0		
7	694B 20th & Dolores	0		
7	695 20th & Guerrero	1		1
7	696 20th & Valencia	2 1		1
7	697 Market & Glendale	2 1		1
7	698 Grand & 21st	0		
7	699 22nd & Eureka	1		1
7	700 22nd & Castro	1 1		
7	701 22nd & Noe	0		
7	702 22nd & Sanchez	0		
7	703 21st & Church	1 1		
7	704 21st & Dolores	0		
7	705 21st & Guerrero	1 1		
7	706 21st & Valencia	1 1		
7	707 Market & 23rd	0		
7	708 23rd & Douglas	0		
7	709A Twin Peaks Blvd & Mountz	0		
7	709B 23rd & Diamond	0		
7	710 23rd & Castro	1		1
7	711 23rd & Noe	1	1	
7	712 23rd & Sanchez	1		
7	713 23rd & Church	1		

7	714 23rd & Dolores	1		1	
7	715 23rd & Guerrero	0			
7	716 23rd & San Jose	2	1	1	
7	717 24th & Market	0			
7	718 24th & Douglas	0			
7	719 25th & Diamond	0			
7					
	720 25th & Castro	0			half of page is missing (half of page is cutout)
7					
	721 25th & Noe	1		1	half of page is missing (half of page is cutout)
7	722 25th & Sanchez	0			
7	723 25th & Church	0			
7	724 25th & Dolores	0			
7	725 25th & Guerrero	4	1	3	
7	726 25th & San Jose	2		1	
7	727A Corbett & Hopkins	0			
7	727B Corbett & Portola	0			
7	728 Portola & Burnett	1			
7	729 Clipper & Hoffman	0			
7	730 Clipper & Douglass	0			
7	731 26th & Diamond	0			
7	732 26th & Castro	0			
7	733 26th & Noe	0			
7	734 26th & Sanchez	0			
7	735 26th & Church	0			
7	736 26th & Dolores	1		1	Fire Station
7	737 26th & Guerrero	0			
7					
	738 26th & Valencia	3		3	Salvation Army (2), St. Luke's Hospital (1) St. Nicholas Church, Diamond Heights
7					
	739 Duncan & Diamond Heigh	3		2	Elementary 5234 Diamond Heights Blvd. not added
7					
	740 Duncan & Douglas	2	2		
7	741 28th & Diamond	0			
7	742 28th & Castro	0			

7	743 28th & Noe	0		
7	744 28th & Sanchez	0		
7	745 28th & Church	0		
7	746 28th & Dolores	0		
7	747 28th & Guerrero	0		
7	748 29th & Mission	0		
7	749 Goldmine & Diamond Heig	0		
7	750 29th & Castro	0		
7				Kate Kennedy Primary School
	751 29th & Noe	1	1	
7	752 29th & Sanchez	0		
7				St. Paul's Church & Upper Noe Playground
	753 29th & Church	2	2	
7	754 29th & Dolores	0		
7	755 Mission & 30th	5	1	
7	756 Panorama & City View	0		
7				Sutro Tower office building
	757 Clarendon & Christopher	1		
7	758 Twin Peaks & Burnett	0		
7	759 Twin Peaks & Portola	0		
7	760 Portola & Oshaughnessy	1	1	McAteer High School
8	771a College, Justin	0		
8	771b Murray, Richland	0		
8	772 Park, Leese	11	10	are school
8	773 Gladys, Santa Marina	0		
8	774a Coleridge, Eugenia	1		
8	774b Mission, Fair	3		
8	775 Prospect, Eugenia	0		
8	776a Winfield, Virginia	0		
8	776b San Bruno (Pacific Bone C	0		
8	777 Prospect, Esmeralda	0		
8	778 Mayflower, Bradford	0		
8	779a Precita, Coso	3		
8	779b Third (F.E. Booth Co.)	0		
8	780 Mirabel, Shotwell	1	school	
8	781 Treat, Precita	2	2 schools	
8	782 Florida, Peralta	0		
8	783 Peralta, York	0		

8	784 Brewster, Rutledge	0	
8	785 Bay Shore, Marin	1	
8	786a Jerrold, Upton	5	1 fire house
8	786b Kansas	2	
8	787 Bay Shore, Costa	2	
8	788 Bay Shore, Flower	3	
8	789 Alabama, Pripley	0	
8	790 Manchester, Ripley	0	
8	791 Andover, Powhattan	0	
8	792 Powhattan, Banks	0	
8	793a Park, Andover	0	
8	793b Army	1	
8	794a Bocana, Cortland	0	
8	794b Marin, Third	2	
8			1 libray, 1 church
	795 Cortland, Moultrie	2	1 school
8	796 Cortland, Folsom	1	
8	797 Ogden, Anderson	0	
8	798 Crescent, Banks	1	
8	799 Cortland, Nebraska	1	
8	800 Tompkins, Putnam	1	
8	801a Roscoe, Benton	0	
8	801b Anderson, Ellsworth	0	
8	802 Cortland, Bay Shore	1	
8	803a Maynard, Misson	1	
8	803b Silver, Mission	0	
8	804 Congdon, Ney	0	
8	805 Third, Custer	2	
8	806a Innes, Hunters Point	1	
8	806b Hudson, Fitch	0	
8	806c Innes, Hiwes	0	
8	807 Evans, Rankin	7	5 sewage plants
8	808 Evans, Phelps	1	
8	809 Newhall, Galvez	3	
8			8 in industrial park
	810 Newhall, Mendell	8	
8	811 Hudson, Keith	5	
8	812a Evans	1	

8	812b Davidson, Rankin	0	
8	813 Evans, Keith	2	
8	814 Evans	1	PGE
8	815a Jamestown	1	Candlestick Park
8	815b Sweeny, Colby	0	
8	816a Cambridge, Silver	0	
8	816b Machinery and Equipment	0	
8	816c Bay Shore	0	
8	816d Located in San Mateo Cou	0	
8			sewage
	817 Jerrold, Quint	8	treatment
8			5 sewage
	818 Phelps, Jerrold	6	treatment
8	819 Jerrold, Mendell	2	
8	820a Dedman, Cashmere	0	
8	820b La Salle, Cashmere	0	
8	821 Newcomb, Rankin	2	
8			
	822 Newcomb, Quint	5	3 SF water dept.
8	823 Newcomb, Newhall	0	
8	824 Mendell, Newcomb	6	3 schools
8	825a Oakdale, Keith	0	
8	825b Palou	0	
8	826 Selby, Revere	2	2 schools
8	827		
9	901 Beacon, Harry	4	1 is fire station
9	902a Harper, Randall	0	
9	902b Fairmont, Miguel	0	
9	903 Randall, Church	1	rest home
9	904a Brooke, San Jose	1	
9	904b Highland, Mission	1	
9	905a Beacon, Everson	0	
	905b Elk	0	
9	906a Swiss, Sussex	0	
9	906b Diamond Heights	0	
9	907 Diamond, Arbor	0	
9	908a Diamond, Surrey	0	
9	908b Oshaughnessy, Bosworth	0	



9	909 Congo, Martha	0		
9	910 Bosworth, Hammerton	1		Gym of a school
9				
	911 Bosworth, Diamond	3		1 is public school
9				
	912 Arlington, Roanoke	1		1 is electrical substation
9	913 Chenery, Mateo	0		
9	914 Whitney, Chenery	0		
9	915 Monterey Blv, Genesee	1		
9	916 Forester, Monterey	4		1 is school
9	917 Monterey, Detroit	0		
9	918 Monterey, Congo	1		
9	919 Monterey, Acadia	0		
9	920 Joost, Diamond	0		
9	921 Silver, Alemany	0		
9	922 Cayuga, Lyell	0		
9	923 College, Mission	0		
9	924 Bosworth, Cuvier	1		high school
9	925a Staples, Genesee	0		
9				all of them city
	925b City College	7	1	college
9				all of them city
	925c City College	2		college
9	926 Edna, Judson	0		
9	927 Judson, Detroit	0		
9	928a San Jose, Colonial	0		
9				junior high
	928b La Grande, Brazil	1		school
9	929 Ocean, Otsego	0		
9	930 San Juan, Otsego	0		
9	931 Santa Rosa, Capistrano	0		
9	932 San Jose, Cotter	1	1	
9	933 Alemany, Cotter	3		1 is church
9	934 San Juan, Alemany	5		1 is bank
9	935 Ocean, Alemany	1		
9	936a Moncada, Paloma	0		
9	936b Ocean, Junipero Serra	1	1	
9	937 Lunado, Cerritos	0		

9	938 Borica, Urbano	0	
9	939 Monticello, Estero	0	
9	940 Bonica, Urbano	0	
9	941 Urbano, Victoria	1	
9	942 Victoria, Urbano	0	
9			4 of them are
	943 Jules, De Montford	7	church buildings
9	944a Miramar, Holloway	0	
9	944b Ashton, Ocean	0	
9	945 Brighton, Holloway	0	
9	946 Edgar, Niagara	0	
9	947 Shields, Ralston	3	1 is school
9	948 Junipero Serra, Palmetto	2	
9	949 Garfield, Head	0	
9	950 Jules, Grafton	0	
9	951 Miramar, Grafton	0	
9	952 Grafton, Lee	0	
9			2 are school
	953 Sargent, Head	2	buildings
9	954 Montana, Faxon	0	
9	955 Montana, Capitol	2	
9	956 Montana, Summit	1	
9	957 Head, Randolph	0	
9	958 Broad, Orizaba	0	
9	959 Broad, Capitol	0	
9	960a Broad, Plymouth	1	1 is school
9	960b San Jose, Farallones	0	
9	961 Majestic, Summit	0	
9	962 Majestic, Ridge	0	
9	963 Tara, Niagara	1	1 is bart station
9			3 are muni
	964 Ocean, Southern Freeway	3	buildings
9	965 Head, De Long	0	
9	966 Rhine, De Long	0	
9	967a San Jose, Liebig	0	
0	967b Mission, Liebig	0	
9	968a Sears, Sickles	1	
9	968b Alemany, Niagara	1	

9	969 Lawrence, Alemany	0	
9	970a Acton, Mission	2	1 is church
9	970b Mission	2	
9	971 Farragut, Alemany	1	
9	972 Whipple, Huron	1	
9	973 Cayuga, Foote	0	
9	974 Delano, Mt. Verron	0	
9			1 is muni building
	975 Geneva, Delano	2	
9			6 are school buildings
	976 Ostego, Oneida	6	
9	977 Foote, Ellington	1	1
9	978 Mt. Verron, Del Monte	0	
9	979a Alemany, Senega	1	
9	979b Geneva, Cayuga	0	
9			3 are school buildings
	980 Alemany, Oneida	3	
9	981 Whittier, Brunswick	3	1 is school
9	982 Brunswick, Lowell	0	
9	983 Concord, Cross	0	
9	984 Concord, Brunswick	0	
9	985a Curtis, Rolph	1	
9	985b Morse, Pope	0	
9	986 Amazon, Paris	2	
9	987 Paris, France	2	
9	988 Paris, Russia	2	
9	989 Paris, Brazil	7	
9	990 Paris, Excelsior	0	
9			3 are buldings for aged disabled
	991a Lisbon, Silver	3	
9	991b Mission, Lowell	1	
9	992a Naples, Curtis	0	
9	992b Munich, Cordiva	0	
9	993 Cordiva, Naples	0	
9	994 Naples, Amazon	1	1 is church
9	995 Naples, France	0	
9	996 Naples, Russia	0	

9	997 Naples, Brazil	0					
9	998 Naples, Excelsior	0					
9	999a Naples, Peru	0					
9	999b Edinburgh, Silver	0					
9	1000a Vienna, Silver	0					
9	1000b Sillman, Gambier	0					
9	1001 Munich, Russia	0					
9	1002 Munich, Persia	0					
9	1003a Munich, Excelsior	0					
9	1003b Italy, Moscow	0					
9	1004 Madison, Felton	0					
9	1005a Munich, Naylor	0					
9	1005b Prague, Cordova	1				1 is school	
9	1006a Baltimore, Naylor	0					
9	1006b Chicago, Cordova	0					
9	1007 Winding, Drake	0					
9	1008a Oxford, Sillman	1				1 is school	
9	1008b Silver, Gambier	0					
9	1009a Olypmic Club	0					
9	1009b Olypmic Club	0					
9	1009c Olypmic Club	0					
9	1009d Olypmic Club	0					
9	1009e Harding Park	1					
9	1009f San Francisco Golf Club	0					
9	1009a San Francisco Golf Club	0					
9	1010 Avalon, Moscow	0					
9	1011 Diamond Heights, Addisor	4					
9	1012 Chicago, South Hill	1					
9	1013 Geneva, Esquina	0					
9	1014 Harvard, Burrows	0					
10	1025 2nd Ave, Hugo	0					
10							
	1026 Parnassus, 3rd Ave	11	0	0	0	11	UCSF Parnassus campus
10	1027 5th Ave, Hugo	0					
10	1028 Irving, 5th Ave	0					
10	1029 Judah, 5th Ave	0					
10	1030 Locksley, 6th Ave	0					
10	1031 Irving, 18th Ave	2	1			1	
10	1032 Judah, 18th Ave	0					

10						3/4 are a private school; 1/4 possible conc frame Church
	1033 Irving, 15th Ave	4			3	
10	1034 Judah, 15th Ave	1	1			
10	1035 Irving, 12th Ave	0				
10	1036 Judah, 12th Ave	0				
10	1037 Irving, 9th Ave	4				All 4 commercial bldgs Mixed-use: commercial/residential
10						
	1038 Judah, 9th Ave	1	1			
10	1039 Lawton, 18th Ave	0				
10	1040 Moraga, 18th Ave	0				
10	1041 Lawton, Lomita	0				
10	1042 15th Ave, Moraga (Grand	0				
10	1043 Lawton, 12th Ave	0				
10	1044 Moraga, 12th Ave	0				
10	1045 Lawton, 9th Ave	0				
10	1046 Moraga, 9th Ave	0				
10						
						3/3 auto service, sales; possibly 1 big building
	1047 Ortega, 18th Ave	3				
10	1048 Pacheco, 18th Ave	0				
10	1049 Ortega, 14th Ave	0				
10	1050 Ortega, 11th Ave	0				
10	1051 Pacheco, 15th Ave	0				
10	1052 Rockridge, 12th Ave	0				
10	1053 Ortega, 9th Ave	0				
10	1054 Pacheco, 9th Ave	0				
10	1055 Rivera, 18th Ave	0				
10						
						SF City Garage (parking??)
	1056 Santiago, 18th Ave	1	1			
10	1057 Rivera, 15th Ave	0				
10						
						Herbert Hoover Junior High School
	1058 Santiago, 15th Ave	4			4	
10	1059 Quintara, 12th Ave	0				
10	1060 Mesa, 9th Ave	0				
10	1061 Pacheco, Castenada	2				1/2 commercial use
10	1062 Magellan, Castenada	0				

10					
	1063 Magellan, 12th Ave	3		2	2/3 Herbert Hoover JHS cont'd, 1 commercial
10	1064 Dorantes, Montalvo	0			
10	1065 Dewey, Montalvo	0			
10					Blue; didn't specify Reinf Conc or C.B.
	1066 Dewey, Pacheco	1			St. Cecilians Church, convent & shelter
10			3		St. Cecilians Church, church & school
10	1067 Ulloa, 18th Ave	3			
	1068 Vicente, 18th Ave	2			
10	1069 Ulloa, 15th Ave	1			
10	1070 Vicente, 15th Ave	0			
10	1071 Ulloa, Madrone	3			3/3 commercial use 2/3 school, 1 public library
10				3	3/3 commercial use
	1072 Taraval/Wawona	3			
10	1073 Wawona/Vicente	3			
10	1074 Granville/Claremont	0			
10	1075 Hernandez/Laguna Honda	0			
10	1076 Woodside/Idora	0			
10	1077 Garcia/Vasquez	0			
10	1078 Kensington/Ulloa	0			
10	1079 Portola/Rockaway	1		1	St. Brendans School
10	1080 Fowler, Juanita	0			
10	1081 Portola, Santa Clara	5			5/5 commercial
10	1082 Portola, Santa Paula	0			
10	1083 Portola, Miraloma	0			
10	1084 Juanita, Rex	0			
10	1085a Rockdale Drive, Chaves A	0			
10					
	1085b Parnassus, Arguello	4		4	UCSF Parnassus cont'd
10	1086 Myra, Reposa	0			
10	1087 Marietta, Reposa	0			
10	1088 Robin Hood, Lansdale	0			
10	1089 Bella Vista Way, Molino D	0			
10	1090 Casitas Ave, Hazelwood A	0			
10	1091 BLANK	0			
10	1092 Los Paltos, Burlwood	0			

10	1093 Teresita, Molimo Dr	0		
10	1094 MISSING	0		
10	1095 MISSING	0		
10	1096 Devonshire Way, Warren	0		
10	1097 Clarendon Ave, Oak Park	1	1	Elementary school
10	1098 Kirkham,6th Ave	1	1	2 Residential towers w/parking in between
10	1099 BLANK	0		
10	1100 BLANK	0		
10	1101 Sloat, 19th Ave	2	1	1/2 temple
10	1102 Portola, 15th Ave	1	1	26 apartments
10	1103 Santa Clara, San Anselmc	0		
10	1104 Yerba Buena, Santa Paula	0		
10	1105 Monterey Blvd, San Ferna	3	1	2/3 church
10	1106 Monterey Blvd, Santa Clar	0		
10	1107 San Jacinto/San Felipe	0		
10	1108 Rosewood/Ravenwood	0		
10	1109a Ocean Ave/San Fernando	0		
10	1109b Ocean Ave/Aptos Ave	0		
10	1110 Uplano Dr/San Benito Wa	1	1	Aptos Junior High School
10	1111 Monterey Blvd/Westgate I	0		
10	1112 El Verano Way/St Elmo W	0		
10	1113 Mangels Av/Colon Av.	0		
10	1114 Mangels Ave/Hazelwood A	0		
10	1115 Kenwood Way/Manor Dr	3	3	Church
10	1116 Keystone Way/Kenwood V	1	1	Concrete Podium w/ Parking
10	1117 Faxon Av/Kenwood Way	0		
10	1118 Montecito Av/Plymouth A\	0		
10	1119 Elmwood Way/Westwood	2		2/2 commercial
10	1120a San Ramon Way/Eastwoo	0		
10	1120b Ocean Ave/Plymouth Av	2	1	1/2 commercial 1/2 Fire Department
10	1121 Blank			
10	1122 Blank			
10	1123 Montecito Ave/Hazelwood	0		

10					1/8 Fire Station 6/8
	1124 Laguna Honda Blvd/Clare	8	1	7	Laguna Honda Medical Campus
10	1125 Lagunitas Dr/Ocean Av	2			1/2 Below grade pkg
			1		1/2 Podium w/ parking
10	1126 Eucalyptus Dr/19th Ave	2		2	2/2 Mercy High School
10	1127 Winston Dr/19th Ave	0			
10	1128 Lyndhurst Dr/Stradford D	0			
10	1129a Holloway Ave/Stradford D	0			
10	1129b Junipero Serra Blvd/Strad	0			
10					Riordan High School for Boys
	1130a Phelan Av/Judson Av	1		1	
10					1/14 Parking 13/14
	1130b Woodside Ave/Portola Dr	14		13	Youth Guidance Center
11	1141	0			
11	1142	0			
11	1143 1231 44th Ave	3			Probably a garage
	1235 44th Ave				Probably a garage
	1275 44th Ave				Probably a garage
11	1144	1			"Fire Station No. 45 built 1956"
	1348 45th Ave				
11	1145	0			
11	1146	0			
11	1147	0			
11	1148	0			
11	1149	0			
11	1150	0			
11	1151	0			
11	1152	1			Part of apartment building
	1410 32nd Ave				
11	1153	0			
11	1154	0			
11	1155 2500 Irving	2			"Undertaker"
	2526 Irving				
11	1156	0			



11	1157	3	1349 24th Ave 2201, 2005, 2209 Irving 2130, 2132 Irving	"SF District Health Center No. 5" RC not called out but it is shaded blue "Restaurant"
11	1158	0		
11	1159	3	2004 Irving 1939, -37, -4, -43, -47, - 49 Irving 1846, -48, 50 Irving (or 1300, 1310 20th Ave)	Multiple address for what looks like 1 building Multiple address for what looks like 1 building (corner bldg)
11	1160	0		
11	1161	1	1557 4th Ave	"Skating Rink"
11	1162	0		
11	1163	1	1562 44th Ave	Might be a garage
11	1164	1		"Noriega Home School built 1850" (reinf conc walls, flrs, rf)
			1799 44th Ave	
11	1165	1		"Francis Scott Key Public School built 1936"
			1500 43rd Ave	
11	1166	0		
11	1167	1		"Holy Name School", multiple buildings with reinf conc
			3350 Lawton	
11	1168	0		
11	1169	0		
11	1170	0		
11	1171	0		
11	1172	0		
11	1173	2	31st and Lawton 29th Ave and Lawton	"Lawton School built 1935" "Sunset Rec Center built 1950" (auditorium)
11	1174	0		
11	1175	0		

11	1176	0	
11	1177	0	
11	1178	0	
11	1179	1	"Telephone Exchange Building built 1957"
	1514 20th Ave		
11	1180	2	"Bank"
	1798 22nd Ave		
	1700 20th Ave		"Shriner's Hospital"
11	1181	0	
11	1182	0	
11	1183	0	
11	1184	0	
11	1185	1	"Mark Twain School, 1953" (multiple buildings)
	41st Ave and Ortega		
11	1186	1	"West Sunset Playground bleachers" (built 1954)
	41st Ave and Quintara		
11	1187	2	"Ortega Branch Public Library"
	3221 Ortega		
	On Ortega (couldn't tell what address is)		"A P Gianinni Jr High"
11	1188	0	THIS SHEET WAS MISSING
11	1189	0	
11	1190	1	"Robert Louis Stevenson School"
	35th Ave bet Pacheco and Quintara		
11	1191	1	"Fire Station"
	1935 32nd Ave		
11	1192	0	
11	1193	0	
11	1194	0	
11	1195	0	
11	1196	0	
11	1197	1	"30 Apts" (conc walls)
	1601,-03,-05,-07,-11 Noriega		
11	1198	0	
11	1199	1	"S F Conservatory of Music" (F.P.-1975, conc)
	1201 Ortega		

11	1200	2	2043 19th Ave 2098 20th Ave	"Rest Home" "Christ Church Lutheran" (conc walls at bsmt, 1st)
11	1201	0		
11	1202	0		
11	1203	0		
11	1204	0		
11	1205	0		
11	1206	3	3060 Taraval? (behind (north of) this bldg 3045 Santiago 3016,-20,-24,-28,-32 Taraval	Maybe a garage? "Phoebe Apperson Hearst Home School, 1956" (r.c. walls) Sliver of R.C. at back wall
11	1207	0		
11	1208	0		
11	1209	0		
11	1210	1	2526 Taraval	"Parkside Methodist Church"
11	1211	0		
11	1212	1	2150 Taraval	
11	1213	0		
11	1214	1	1826,-28-30 Taraval	"Garage/Auto body shop" "conc st. f. pilast'd"
11	1215	0		
11	1216	1	1634 Taraval	"Auto services" "conc floor, re-inc conc pilasters"
11	1217	1	24th Ave and Quintara	"Lincoln High School"
11	1218	3	22nd Ave and Taraval Park bet Taraval/Santiago near 24th 2349 24th Ave	"Public Library" Park office, restrooms "Sunset Police Station"
11	1219	0		

11	1220	2	20th Ave and Taraval 19th Ave and Santiago	"Bank" "C.B. & Conc Cols" "Clinic" (sliver of blue shading)
11	1221	1	2444 Great Hwy	
11	1222	2	2660 Great Hwy Bet Cutler and Wawona	"12 Apts" "Public Comfort Station" west of Great Hwy
11	1223	0		
11	1224	0		
11	1225	2	2540 41st 3031 Taraval	"St Gabriel's School built 1947" "T Substation"
11	1226	2	Bet 42nd/42st, Vicente/Wawona 2539 40th Ave	"Ulloa School built 1951" Sliver of blue shading
11	1227	1	2479 39th Ave	Sliver of blue shading
11	1228	2	2801 Vicente 2849 Vicente	RC FR RC FR
11	1229	0		
11	1230	0		
11	1231	0		
11	1232	0		
11	1233	0		
11	1234	1	1801,05,07 Vicente	"Edgewood, The SF Protestant Orphanage" (multiple buildings)
11	1235	0		
11	1236	0		
11	1237	1	2320 Ulloa	
11	1238	0		
11	1239	1	2406 20th Ave	"Movies, FP-1928 (conc)" (shaded gray)
11	1240	0		
11	1241	2	2700 Sloat Blvd	"A P Gianinni Jr High Gym" Sliver of blue shading

11	1242	0	
11	1243	0	
11	1244	0	
11	1245	0	
11	1246	0	
11	1247	0	
11	1248	1	"Dressing Room", "Stage" (2 separate buildings)
	In park bet Wawona/ Crestlake, 22nd/25th		
11	1249	0	
11	1250	1	"SF Water Dept Central Pump Station"
	23rd Ave and Sloat		
11	1251	1	
11	1252	2	Shopping Center - multiple buildings "St Joseph's School" (church, club rooms, gym)
	19th Ave bet Winston & Buckingham Way Buckingham Way and 20th		
11	1253	0	
11	1254	0	
11	1255	1	
	Lake Merced Blvd and Font Dr		"Park Merced Residential Community" - multiple buildings
11	1256	1	
	Lake Merced Blvd and Font Dr		"Park Merced Residential Community" - multiple buildings
11	1257	0	
11	1258	0	
11	1259	0	
11	1260	4	
	Middlefield Drive		"Lakeshore School, built 1953, classrms built on hillside" (4 bldgs)
11	1261	0	
11	1262	5	"S F State College" (multiple buildings)

## **Inventory of Concrete Buildings in San Francisco**

By: Steve Kadysiewski, skadysie@msn.com

### **Abstract:**

The inventory of pre-1980 concrete buildings in San Francisco was based on the Sanborn fire insurance maps. The total count of concrete buildings found in the maps is 3,851. After a field walk-down of a random sample of the maps, the count was then adjusted to reflect demolished structures, structures constructed after 1980, concrete block buildings, etc. The final estimated count of pre-1980 concrete buildings existing today is roughly 3,200. Approximately one half of the buildings have one or two stories.

Additionally, it is estimated that there are a total of 130,000 buildings of all types in San Francisco today, of which 115,00 were built before 1980. The total number of concrete buildings of all ages is estimated as 4,000.

### **Introduction:**

This report describes the work done to create an inventory of concrete buildings in San Francisco. The data gathering was done for the Concrete Coalition, in 2009, by a group of volunteer engineers:

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David Bonowitz  
Ayse Celikbas  
Stephen Kadysiewski  
Valerie Martin  
Simin Nasseh  
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Refugio Rochin  
Karl Telleen

The inventory is based on the Sanborn fire insurance maps. These maps were compiled by the Sanborn Map Company, beginning in the 19<sup>th</sup> century, and updated until about 1985. Their purpose was to provide information for fire insurance companies to use in their work. The maps used for this project are located at History Center of the San Francisco Public Library.

The maps for San Francisco are collected in 11 volumes, containing a total of approximately 1,200 maps. Each map covers an area of roughly four city blocks, and all buildings within that area are shown. The material of construction of each building is indicated by color coding, supplemented by written notes. Masonry buildings are shown in pink, wood frame buildings are shown in yellow, and concrete buildings are shown in

blue. In addition, some buildings are shown in orange, which denotes a “fireproof” structure. It is presumed that these buildings met the code requirements for fireproof construction at the time they were built. Some of these fireproof buildings have concrete structural systems, according to the notes written on them. The notes on the buildings give a variety of information, including number of stories, date of construction, type of occupancy (what the building is used for), structural system, and approximate street address. Not all such information is given for every structure.

## **Phase 1: Extracting Information From All the Sanborn Maps**

In Phase 1 the number of concrete buildings was determined for every map in each of the 11 volumes. The area covered by each volume is shown in Figure 1. Due to time limitations, not all available information was recorded for each concrete structure. Rather, the total number of concrete (or suspected concrete) buildings on each map was recorded. The number of these concrete buildings that were residential, public assembly, parking, or institutional type buildings was also recorded. The criteria for deciding whether to count a particular structure was based on the file “What to Count.ppt” by Dave McCormick. It appears that most of the buildings built in 1980 and later are labeled with their date of construction; in those cases the buildings were not counted.

It should be noted that some concrete block bearing wall buildings were also counted in Phase 1. It has subsequently been decided that buildings of this type are not to be included in the count; the means for correcting this error are discussed below. Also discussed below are the sources of uncertainty and possible errors in the final count.

The data for all the maps is given in the file “San\_Francisco\_2009\_05\_10.xls”. Table 1 is a summary of the data, giving the total number of concrete structures found in each volume. The grand total of concrete buildings is 3,851.

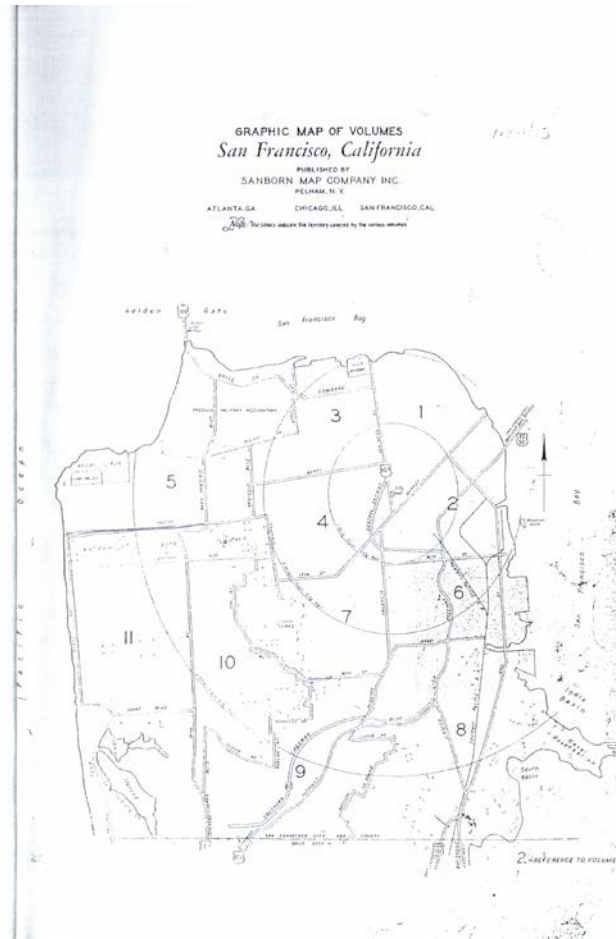


Figure 1. Areas covered by Sanborn Map Volumes for San Francisco. Volume numbers corresponding to the various areas are shown.

Table 1 Sanborn Map Count	
Volume	Number of Concrete Structures
1	1212
2	1050
3	375
4	286
5	113
6	319
7	91
8	108
9	114
10	106
11	77
Total:	3851



## Phase 2: Verification

As discussed, the maps in the San Francisco Library were updated until approximately 1985. In order to verify the current accuracy of the maps, and to determine the number of buildings demolished since the last update, it was decided to perform a field walkdown. Accordingly, a random sample of five maps was chosen from each volume. (Actually, the sample was not completely random. For purposes of efficiency, it was desired to look at locations with a reasonable number of buildings. Thus, maps that had a very low number of recorded buildings were de-selected.) After the initial results were reviewed, it was decided to select an additional five maps from each of Volumes 1, 2, and 6. These volumes had a large proportion of the concrete buildings in the city, and it was desired to obtain more robust statistics for them. For each of the selected maps, the full set of information available for each suspected concrete building was extracted. Next, the addresses of all the concrete buildings were visited, and the findings recorded. In some cases, such as where the buildings had been demolished, it was possible to determine their status by using Google Streetview, which was also helpful for virtually “visiting” the site beforehand, as well as “revisiting” the site afterwards. The results of these site visits were recorded in Excel “Verify” files, an example of which is given in Appendix A. The full set of Verify files is contained in the file “Field\_Verification\_Summary\_rev\_2.xls”.

Some observations may be made regarding the results of the verification process:

- 1) In general, the maps are accurate, in the sense that when a building was visited the verifier either found the building that was shown on the Sanborn map, or it had obviously been demolished and replaced with a structure that appeared to have been constructed recently.
- 2) The creators of the Sanborn maps were concerned with fire insurance issues, and their classifications may not conform to those used by structural engineers. For example, while some of the buildings denoted as “concrete frame” in the maps are indeed concrete moment frames, in some cases they appear to be “frames” in the same sense as wood “frame” buildings, i.e., they have concrete floors and bearing walls. These are legitimate concrete buildings, of course, and so were included in the count.
- 3) In other cases it is suspected that buildings denoted as concrete are in fact steel moment frames with concrete-encased columns, or with concrete cladding panels. These buildings should not be included in the count.
- 4) In a few cases, the Sanborn maps appear to be in error. For example, the Atlas Building, at 602 Mission Street, is shown as a concrete frame with brick curtain walls. However, both Hamburger (2006) and Tobriner (2006) have described this building, built in 1905, as a steel frame with brick infill. Where these errors were identified, the buildings were not included.
- 5) For the majority of buildings, the presence of a concrete structural system could be verified in the field, based on visual observation of concrete columns, beams, or form-board marks on the walls. However, there were buildings (maybe 10%) where the structural system was not obvious, because it was covered by cladding, etc. Such

buildings were considered to be verified as concrete if the Sanborn Maps indicated them as such and if there was no definite evidence to the contrary in the field.

6) The verification process also served as a check on the original count, since this was the second time that a particular map was examined. While the first and second counts generally agreed, there were some differences. Since the original count, for reasons of expediency, did not make a record for each building, it is impossible to explain such differences completely, other than simply as mistakes, or as differences of judgment between the engineers.

From the results of the field walkdowns, it appears that a small percentage of the buildings, perhaps less than 10% of the total, could be considered to be mid-rise or high-rise nonductile concrete moment frames, built before 1980. A large proportion of the buildings are low-rise concrete bearing wall buildings, with concrete floors, and, in some cases, wood or steel truss roofs. In an architectural sense, these are analogous to masonry bearing wall buildings, with the exception that the floors are not wood. The distribution of building heights is discussed in more detail below. In addition, there are a number of apartment and office buildings, built in the 1920's and 1930's, which consist of steel gravity frames with concrete curtain walls. These were considered to be concrete shear wall structures, and were included in the count.

As discussed, five or ten maps from each volume were chosen for verification, for a total of 70 maps. The results of the field verifications are given in Table 2. A total of 447 concrete buildings were counted in the Phase 1 search through the selected maps. The corresponding number for the Phase 2 map search is 495. Based on the walkdowns, the number of verified concrete buildings is 391, for a verification ratio of 391/447, or 87.5%. Note that the number of verified buildings, 391, has also been adjusted to remove concrete block structures from the count.

Volume	Map	Location	Number of Buildings		
			Original Map Count	Verifier's Map Count	Verifier's Field Count
1	19	Sansome/Lombard	9	7	6
1	22	Sansome/Broadway	15	16	14
1	29	Kearny/Lombard	2	2	2
1	34	Kearny/Clay	16	16	15
1	48	Stockton/Sutter	19	20	19
1	63A	Mason/Turk	9	10	9
1	69	Jones, Green	5	7	4
1	77	Jones, Eddy	39	39	38
1	91	Hyde, Post	39	39	39
1	104	Polk/California	9	10	8
		Sum:	162	166	154
2	122	Spear, Folsom	4	5	2

2	126	Fremont, Folsom	12	13	7
2	131	2nd, Howard	13	15	7
2	137	3rd, Market	11	12	9
2	153	5th, Market	8	11	8
2	194	11th, Howard	19	19	15
2	198	13th, Mission	16	16	13
2	202B	Vermont, Alameda	3	3	3
2	204	15th, Mission	5	5	5
2	216	4th, Channel	1	1	0
		Sum:	92	100	69
3	230	Franklin, Jackson	18	18	17
3	249	Buchanan, Broadway	11	12	11
3	265	Filmore, Bush	6	6	5
3	288	Divisadero, California	4	4	4
3	290	Divisadero, Post	13	13	7
		Sum:	52	53	44
4	329	Franklin/Hayes	8	15	8
4	337	Geary/Laguna	6	5	5
4	338	Eddy/Buchanan	15	8	2
4	340	Fulton/Laguna	5	2	2
4	343	Haight/Buchanan	4	6	3
		Sum:	38	36	20
5	442	Geary, 6 av	3	3	1
5	470	Geary, 19 av	2	3	2
5	479	Geary, 22 av	5	5	3
5	509	Geary, 35 av	1	1	0
5	521	Balboa, 43 av	1	1	1
		Sum:	12	13	7
6	550	Capp, 17th	10	12	11
6	551	Shotwell, 17th	6	11	9
6	553	Florida, Mariposa	8	15	13
6	556	Mariposa, Kansas	2	2	1
6	557	Mariposa, Carolina	4	4	3
6	574	Iowa, 19th	1	1	1
6	578	Capp, 21st	6	11	9
6	591	Illinois, 19th	2	4	3
6	607	Indiana, 23rd	1	2	1
6	639	3rd, Marin	2	4	1
		Sum:	42	66	52
7	697	Market & Glendale	2	3	1
7	728	Portola & Burnett	2	4	0
7	736	26th & Dolores	1	2	1
7	738	26th & Valencia	3	7	7
7	751	29th & Noe	1	1	1

		Sum:	9	17	10
8	795	Cortland, Moultrie	1	2	2
8	799	Cortland, Nebraska	1	2	2
8	800	Tompkins, Putnam	1	1	1
8	818	Phelps, Jerrold	6	6	3
8	826	Selby, Revere	2	2	2
		Sum:	11	13	10
9	953	Sargent, Head	2	2	2
9	975	Geneva, Delano	2	2	1
9	976	Ostego, Oneida	6	6	5
9	986	Amazon, Paris	2	3	3
9	1012	Chicago, South Hill	1	1	0
		Sum:	13	14	11
10	1031	Irving, 16th Ave	2	2	2
10	1056	Santiago, 18th Ave	1	1	0
10	1068	Vicente, 18th Ave	2	2	2
10	1069	Ulloa, 15th Ave	1	1	1
10	1072	Taraval/Wawona	3	3	2
		Sum:	9	9	7
11	1164	Moraga & 44th Ave	1	1	1
11	1199	19 Ave & Ortega	1	1	1
11	1228	Vicente & 39th Ave	2	1	1
11	1250	23rd Ave and Sloat	1	1	1
11	1252	19th Ave & Winston	2	4	3
		Sum:	7	8	7
		Grand Totals:	447	495	391

### Phase 3: Adjustment of Results

Given the verification results as described, it was then necessary to adjust the original Phase 1 count, in order to produce a best estimate of pre-1980 concrete structures existing in San Francisco today.

Some of pre-1980 buildings shown on the 1985 Sanborn maps have been demolished. This number is, of course, reflected in the verification results. Assuming that the difference between the original count for the selected maps and the verified count is due mostly to demolition, and also the removal of concrete block structures from the total, the original count of 3,851 can be multiplied by the verification ratio of 87.5% to arrive at a value of 3,368. However, there are other uncertainties that must be considered.

Modification factors for other uncertainties:

1) As discussed, there is some uncertainty, when examining the maps, in deciding whether a building's lateral force-resisting system (LFRS) is indeed concrete. Generally, this is due to uncertainty in the interpretation of the information given on the maps, which is sometimes incomplete or ambiguous. For example, it is suspected that some buildings designated as concrete may be steel moment frames with concrete cladding panels. Some buildings were simply shown in blue, without further notation. Additionally, it was not always possible to determine the actual building LFRS in the field. Based on judgment, it is concluded that the original total count should be reduced by 5% to account for this uncertainty.

2) Most buildings constructed between 1980 and 1985 have been excluded from the original count, since the date of construction is usually shown for those buildings. However, it is probable that there are some such buildings for which the date is not shown, which were therefore incorrectly included. This number is estimated as a 1% reduction of the original count.

3) There may be some buildings, not designated as concrete on the maps, that are in fact concrete. This might not have been detected in the field, since the verifiers were concentrating on the buildings identified on the maps as concrete, and it is often impossible to determine a building's LFRS from the street. It is estimated that this effect could increase the original count by 1%.

Based on these considerations, it is possible to estimate the number of pre-1980 concrete buildings existing in San Francisco today as:

$$3851 * 0.875 * 0.95 * 0.99 * 1.01 = 3,201$$

This value is rounded to 3,200.

Further confidence in these results comes from work done by the Concrete Coalition in February, 2010. A group of volunteers, led by Marjorie Greene (2010) and David Bonowitz, surveyed a large number of concrete buildings, mostly in Sanborn Volume 1. The results of that survey will be given in a separate report. Three of the maps surveyed in 2010 had also been surveyed previously in 2009. A detailed comparison of the results from the two surveys is given in Appendix B; in general, the two surveys show reasonably good agreement.

### **Distribution of Building Heights:**

Some observations may be made, based on the results of this survey. Figure 2 presents the relative frequencies of buildings as a function of story height. These frequencies are calculated from the data collected for the 391 confirmed concrete buildings, adjusted for the fact that more maps were verified in some volumes than in others. As shown, one- and two-story buildings make up roughly half the concrete structures in the city.

In terms of exposure, it is recognized that taller buildings will generally have more floor area than shorter buildings, and will therefore contain more people and property. In order

to obtain a rough estimate of exposure for a building, it is assumed to be proportional to number of stories. The relative frequency ratios in Figure 2 are multiplied by the number of stories and, after renormalization, are shown in Figure 3. It will be seen that the exposure is distributed more uniformly across the height spectrum. Calculation of risk also requires a consideration of vulnerabilities, which is beyond the scope of this report.

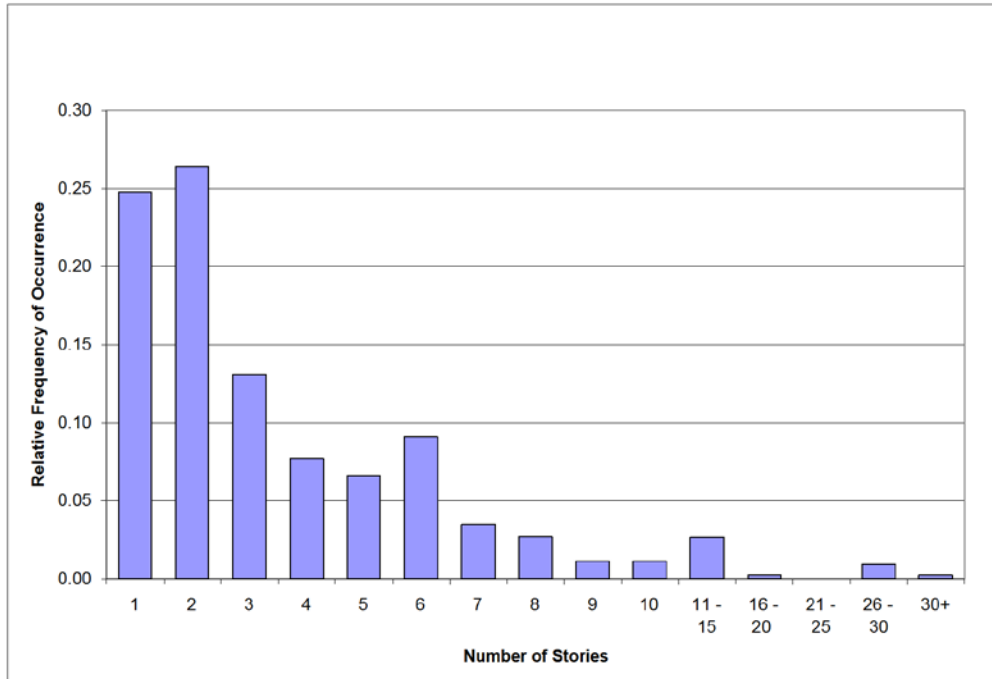


Figure 2. Relative frequency of occurrence of building heights

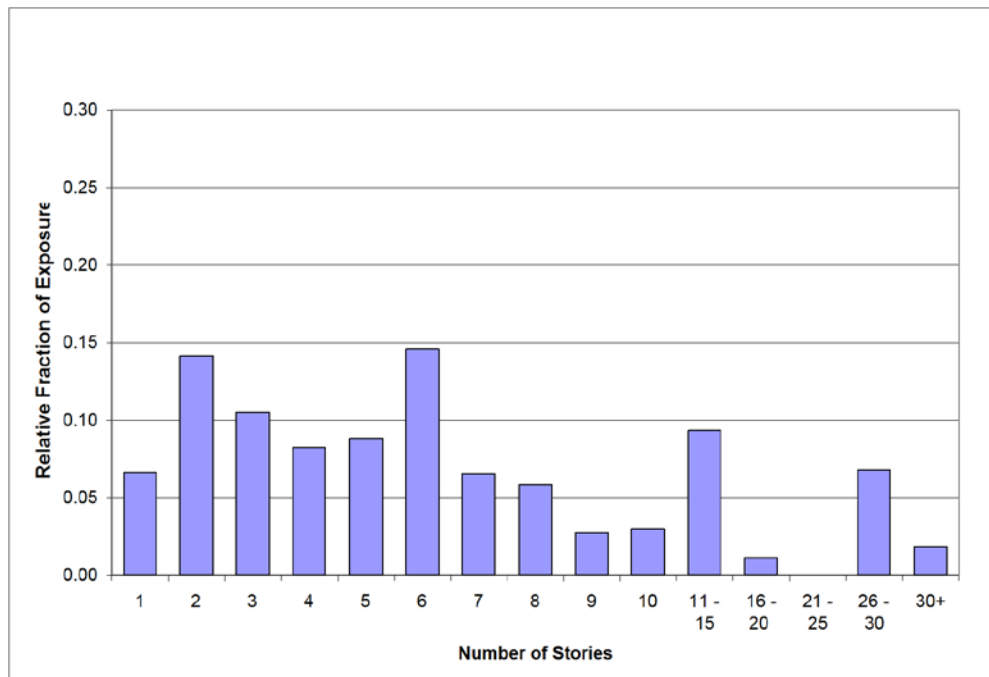


Figure 3. Relative fraction of exposure as a function of building height

## **Additional Parameters:**

In addition to the number of concrete buildings constructed prior to 1980, several other numbers were also estimated:

- 1) Total number of buildings of all types in San Francisco at present.
- 2) The number of concrete buildings at present.
- 3) Total number of existing pre-1980 buildings.

The total number of buildings in San Francisco in 2009 was estimated by Bonowitz (2009) as 130,000. This value is somewhat less than the number estimated by Kircher et al. (2007), which was roughly 170,000, or by the San Francisco Assessor, 179,000. Bonowitz indicates that the previous numbers may be too high, primarily due to counting condominiums and duplexes as multiple buildings.

In estimating the number of concrete buildings existing in San Francisco at present, the judgment is made that there are currently no fewer, and probably somewhat more, concrete buildings than in 1985, when the last update was made to the Sanborn maps. As discussed, the count of concrete buildings in the Sanborn maps is 3,851. Assuming a 5% over-count due to uncertainties in the maps, this results in an estimated 3,660 concrete buildings existing in 1985. Further, estimating that there are 10% more concrete buildings in San Francisco today, the estimated number is 4,026, which is rounded to 4,000.

Bonowitz (2009) estimates the total number of existing pre-1980 buildings in San Francisco as 110,000 to 120,000. For purposes of this report, take the value as 115,000.

## **References:**

- 1) Hamburger, R. O. and Meyer, J. D. (2006), "The Performance of Steel-Frame Buildings with Infill Masonry Walls in the 1906 San Francisco Earthquake", *Earthquake Spectra*, Special Issue II, Vol. 22, April.
- 2) Tobriner, S. (2006), "Bracing for Disaster, Earthquake-Resistant Architecture and Engineering in San Francisco, 1838-1933", Heyday Books, Berkeley, California.
- 3) Bonowitz, D. (2009), "Count of Pre-1980 Concrete Buildings in San Francisco, second draft for January 28, 2009 volunteer workshop in Los Angeles County", Memorandum to the Concrete Coalition Steering Committee, filename: SF\_NDC\_count\_090128[1].docx.
- 4) Kircher, C. A., Seligson, H.A., Bouabid, J., and Morrow, G.C. (2006), "When the Big One Strikes Again – Estimated Losses Due to a Repeat of the 1906 San Francisco Earthquake", *Earthquake Spectra*, Special Issue II, Vol. 22, April.
- 5) Greene, Marjorie, data from the Concrete Coalition San Francisco sidewalk survey, February, 2010 (personal communication).

**APPENDIX A**  
**Sample EXCEL Verification File:**

**Concrete Coalition Field Verification / Survey**

Volume: 3      Map: 265      Location: Fillmore & Bush      Verifier: SK

**Total Number of Concrete Buildings:**

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 6 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) 5 Total number of concrete buildings, as determined by the verifier, after the field survey

**Notes:**

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.



### Concrete Coalition Field Verification / Survey

Volume: 3      Map: 265      Location: Fillmore & Bush

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2140 Bush	3	Parking 1st 10C	reinf conc	1933	verified
	Field Data						Concrete (Y/N)?      y
2	Map Data	1930 Fillmore	1,2	S. (paints)	reinf conc pilaster'd wd bms steel cols		verified
	Field Data						Concrete (Y/N)?      y
3	Map Data	2331-2345 Pine	2B	PacTel Equip Bldgs	A-1-a Conc	1969	verified
	Field Data	2345 Pine					Concrete (Y/N)?      y
4	Map Data	2226-2234 Bush	1B	Auto Rep	Reinf conc frm flrs rf brick curtain wall		verified
	Field Data						Concrete (Y/N)?      y
5	Map Data	2040-2060 Sutter	5	68-R	C.B. First flr		Concrete frame podium with C.B. infill shear walls. Say yes
	Field Data						Concrete (Y/N)?      Y
6	Map Data	2255 Bush	1B	Auto Rep	Reinf Frm, flrs,rf brick curtain wall		No - only façade (about front 15 ft) still exists - incorporated into a wood frame apartment building
	Field Data						Concrete (Y/N)?      N
7	Map Data						
	Field Data						Concrete (Y/N)?

## **APPENDIX B**

### **Comparison of Data From the 2009 and 2010 Surveys**

The 2010 Sidewalk Survey in San Francisco was done on 28 February by a large group of volunteers (Greene, 2010). The area of emphasis was the Northeast corner of the city, covered by Sanborn Volume 1. Three of the maps surveyed in 2010 had also been surveyed in 2009. In order to get an idea of the variability of the data, the results for the three maps were compared. Any differences between the two years were noted, and the buildings in question were visited by the author of this report. The results are:

Map	2009 Count	2010 Count	Best Estimate After Site Visits
22	13	17	14
34	16	17	15
77	37	39	38
Sum:	66	73	67

Details of the visits, and subsequent resolution of differences are available from the author. The aggregate difference between the two surveys is approximately 10%, with the 2010 survey being higher. While the “best estimate” is closer to the 2009 results, this may be partly due to the fact that the resolution was performed by a person who participated in the 2009 survey (the author). There may have been some slight difference in the counting protocols. In any event, the results indicate a reasonable degree of agreement between the two surveys.

## Introduction:

This file contains the results of the field verification walkdowns conducted in May through October of 2009. See the report file "San Francisco Concrete Building Inventory of Pre.doc" for a full description of the process used for creating the inventory of pre-1980 concrete buildings in San Francisco

Rev 2: For revision 2, added revised data for Maps 22, 34, 77, based on Feb 2010 CC walkdown resolution. This file supports the information given in the file "SF Inventory Report 2010 07 rev 00"

## Contents:

Volume	Map	Location
1	19	Sansome/Lombard
1	22	Sansome/Broadway
1	29	Kearny/Lombard
1	34	Kearny/Clay
1	48	Stockton/Sutter
1	63A	Mason/Turk
1	69	Jones/Green
1	77	Jones, Eddy
1	91	Hyde, Post
1	104	Polk/California
2	122	Spear, Folsom
2	126	Fremont, Folsom
2	131	2nd, Howard
2	137	3rd, Market
2	153	5th, Market
2	194	11th, Howard
2	198	13th, Mission
2	202B	Vermont, Alameda
2	204	15th, Mission
2	216	4th, Channel
3	230	Franklin, Jackson
3	249	Buchanan, Broadway
3	265	Filmore, Bush
3	288	Divisadero, Calif
3	290	Divisadero, Post
4	329	Franklin/Hayes
4	337	Geary/Laguna
4	338	Eddy/Buchanan
4	340	Fulton/Laguna
4	343	Haight/Buchanan
5	442	Geary, 6 av
5	470	Geary, 19 av

5	479	Geary, 22 av
5	509	Geary, 35 av
5	521	Balboa, 43 av
6	550	Capp, 17th
6	551	Shotwell, 17th
6	553	Florida, Mariposa
6	556	Mariposa, Kansas
6	557	Mariposa, Carolina
6	574	Iowa, 19th
6	578	Capp, 21st
6	591	Illinois, 19th
6	607	Indiana, 23rd
6	639	3rd, Marin
7	697	Market & Glendale
7	728	Portola & Burnett
7	736	26th & Dolores
7	738	26th & Valencia
7	751	29th & Noe
8	795	Cortland, Moultrie
8	799	Cortland, Nebraska
8	800	Tompkins, Putnam
8	818	Phelps, Jerrold
8	826	Selby, Revere
9	953	Sargent, Head
9	975	Geneva, Delano
9	976	Ostego, Oneida
9	986	Amazon, Paris
9	1012	Chicago, South Hill
10	1031	Irving, 16th Ave
10	1056	Santiago, 18th Ave
10	1068	Vicente, 18th Ave
10	1069	Ulloa, 15th Ave
10	1072	Taraval/Wawona
11	1164	Moraga & 44th Ave
11	1199	19 Ave & Ortega
11	1228	Vicente & 39th Ave
11	1250	23rd Ave and Sloat
11	1252	19th Ave & Winston

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 19      Location: Sansome, Lombard      Verifier: SK  
Date: 9/17/2009

### Total Number of Concrete Buildings:

- (1) 9 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 7 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 19

Sansome, Lombard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1500 Embarcadero at Pier 27, 29	2-Jan	office small struct. in front of Pier 27	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	1500 Sansome	1M	Roundhouse Offices	reinf conc	1914, 1984	Retrofit? Masonry or concrete? Verified
	Field Data						It is retrofit. Looks like concrete Concrete (Y/N)? Y
3	Map Data	1501 Embarcadero	1	C	concr		Verified
	Field Data			"Sandhouse"			Concrete (Y/N)? Y
4	Map Data	1444,1460 Sansome	4	C & W on 1st Parking abv	concr	1979	Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	1400 Sansome at Greenwich	2	Bay Club	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	1539 Sansome	4B	Telegraph Landing	C.B. and concrete		Concrete block? Pedestal? Wd frm above pedestal?
	Field Data						Concrete Block do not count Concrete (Y/N)? N
7	Map Data	180, 190 Lombard at Montgomery	3B, 2	C, office	reinf conc frm & curtain walls		Verified
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 22      Location: Sansome & Broadway      Verified: SK

13-Jun-10

### Total Number of Concrete Buildings:

- (1) 15 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 16 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **14** Total number of concrete buildings, as determined by the verifier, after the field survey

Notes: This count was revised after resolution of differences with the Concrete Coalition walkdown in Spring, 2010.

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 22      Location: Sansome & Broadway

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	825 Battery	5B	Off. Bldg. (large)	reinf concr frm	1907	Verified
	Field Data	825-875 Battery		KPIX-TV, etc			Concrete (Y/N)? Y
2	Map Data	243 Vallejo	2	Photo Lab	reinf concr frm		Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	924, 926 Sansome	2B	C	reinf concr br. curtain	1911	Verified Concrete frame with urm infill walls
	Field Data			Hunan res.	reinf conc frame urm infill walls		Concrete (Y/N)? Y
4	Map Data	900 - 920 Sansome	2B	Auto sales Service	reinf. Concr. Frm. curtain		Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	B'way between Battery & Sansome		?	?		Did not record properly from the map. North side, mid-block
	Field Data	250 Broadway	2B	INS Application Support center	reinf concrete		Verified Concrete (Y/N)? Y
6	Map Data	836 Sansome	7	Lodgings (rear)	concr		Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	300 Broadway	3B	Offs. Printing	reinf concr		verified
	Field Data						Concrete (Y/N)? Y



### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 22      Location: Sansome & Broadway

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	955 Sansome	2	Auto park		2	verified
	Field Data						Concrete (Y/N)? Y
9	Map Data	821 Sansome	2	Autos	Steel cols. C.B. Walls		verified C.B. Do not count
	Field Data						Concrete frame? Say yes, judgment Concrete (Y/N)? Y
10	Map Data	825 Sansome	2B	Garage 150 cars	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
11	Map Data	325-333 Broadway	2	C.	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
12	Map Data	341 Broadway	1	C.	reinf conc		Not there Building there is two stories, and looks new
	Field Data						Concrete (Y/N)? N
13	Map Data	365-369 Broadway	3	C.	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
14	Map Data	373-371 Broadway	4	Riposa Hotel	reinf conc		verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 22      Location: Sansome & Broadway

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	21 Bartol (sm. Alley)	3	Lodgings			verified Do not count: connected to 365 B'way
	Field Data	20 Bartol					Concrete (Y/N)? N
16	Map Data	936 Montgomery	4	F.P. 1927-82	Concr & Brick		Not clear if it's concrete on map Say concrete, by judgement
	Field Data						Concrete (Y/N)? Y
17	Map Data						Concrete (Y/N)?
	Field Data						
18	Map Data						Concrete (Y/N)?
	Field Data						
19	Map Data						Concrete (Y/N)?
	Field Data						
20	Map Data						Concrete (Y/N)?
	Field Data						
21	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 29      Location: Kearny, Lombard      Verifier:  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 29

Kearny, Lombard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	270 Kearny @ Lombard	6B	10 Apts.	stl frm 6" conc curt wls		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	1730 Kearny	8B	30 Apts.	concr cols flrs 8", 10", 12" wls	1956	Verified (can see from east with Bing bird's eye vw)
	Field Data						Concrete (Y/N)? Y
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 1 Map: 34 Location: Kearny/Clay

Verifier: AC,SK  
Date: 6/13/2010

### Total Number of Concrete Buildings:

- (1) 16 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 16 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **15** Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

Notes: This count was revised after resolution of differences with the Concrete Coalition walkdown in 2010

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 34      Location: Kearny/Clay

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	603 Washington	pent+su	holiday inn all but 3rd chinese cultural trade	conc	1970	Verified
	Field Data	750 Kearny		hilton	conc		Concrete (Y/N)?    Y
2	Map Data	55-57 Brenham	3	store	reinf conc fl+ curtain w		Verified
	Field Data	57 Walter U. Lum Plac					Concrete (Y/N)?    Y
3	Map Data	731-735 Washington	3	store	reinf conc fl+ curtain w		Verified
	Field Data	733 Washington					Concrete (Y/N)?    Y
4	Map Data	838 Grant	6b	offices	reinf concr	1965-196	Verified
	Field Data	838 Grant	8	offices			Concrete (Y/N)?    Y
5	Map Data	15 Brenham	3	store	reinf. Conc		Verified
	Field Data	15 Walter U. Lum Plac					Concrete (Y/N)?    Y
6	Map Data	755-757 Clay	4	US P.O	reinf concr		Verified
	Field Data	755 Clay		store bottom + residen			Concrete (Y/N)?    Y
7	Map Data	751 Clay	3	printing elec power	reinf. Concr		Verified
	Field Data	751 Clay		store bottom + residen			Concrete (Y/N)?    Y

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 34      Location: Kearny/Clay

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	717-721 Clay	3	Noddle fac. Club rms a	Rein Concr		Verified
	Field Data	721 Clay		store bottom + offices			Concrete (Y/N)?      Y
9	Map Data	728-732 Commercial	4	garment fac. apts above	reinf concr		Verified
	Field Data	730 Commercial		offices			Concrete (Y/N)?      Y
10	Map Data	754-756 Commercial	3		reinf concr		Verified
	Field Data	754 Commercial					Concrete (Y/N)?      Y
11	Map Data	670 Commercial	3	4.R	Conc		Verified
	Field Data	670 Commercial		store			Concrete (Y/N)?      Y
12	Map Data	652-656 Commercial	4	store+printing+motel a	reinf concr		Verified
	Field Data	652 Commercial					Concrete (Y/N)?      Y
13	Map Data	632-634 Commercial	5		Conc		Verified
	Field Data	632 Commercial					Concrete (Y/N)?      Y
14	Map Data	646 Clay	2	P. Off's	Conc		Verified
	Field Data	646 Clay					Concrete (Y/N)?      Y

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 34      Location: Kearny/Clay

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	601 to 643 Merchant	19B	offices	Conc	1978-79	Verified Can see steel beams in garage area.
	Field Data	601 Merchant					Do not count Concrete (Y/N)?    N
16	Map Data	659 Merchant	2	restaurant	reinforced. Conc		Verified
	Field Data	659 Merchant					Concrete (Y/N)?    Y
17	Map Data	washington and	subbase	underground structre	reinforced. Conc	1951	Do not count since underground structure
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 48      Location: Stockton/Sutter      Verifier: AC  
Date: 5/24/2009

### Total Number of Concrete Buildings:

- (1) 19 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 20 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) 19 Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 48      Location: Stockton/Sutter

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	330-398 Sutter	6B	stockton/sutter parking	conc.	1976	Verified
	Field Data	330 Sutter					Concrete (Y/N)?    Y
2	Map Data	313-315 Grant	4M	store	Reinf. Conc	1909	Verified
	Field Data	311 Grant		store			Concrete (Y/N)?    Y
3	Map Data	301-305 Grant	8	Myers Bldg	steel frame reinf concr walls	1905	Verified
	Field Data	301 Grant		store+ offices			Concrete (Y/N)?    Y
4	Map Data	310 Sutter	4M	store	reinf concr		Verified
	Field Data	310 Sutter		store			Concrete (Y/N)?    Y
5	Map Data	307-309 Sutter	1	store+ restaurant			Verified
	Field Data	307 Sutter		store			Concrete (Y/N)?    Y
6	Map Data	343-353 Sutter	2	store	reinf concr fr + curtain		Verified
	Field Data	353 Sutter		store			Concrete (Y/N)?    Y
7	Map Data	355-363 Sutter	2	store +restaurant	Reinf. conc		Verified
	Field Data	361 Sutter		store+offices			Concrete (Y/N)?    Y

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 48      Location: Stockton/Sutter

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	340 Stockton	16	campton place hotel	reinf. Conc walls	1913	Verified  Concrete (Y/N)?    Y
	Field Data	340 Stockton		campton place hotel			
9	Map Data	330 stockton	7	campton place hotel		1915	Verified  Concrete (Y/N)?    Y
	Field Data			campton place hotel			
10	Map Data	272 Post	4Mezz	store	reinf conc fr and curtail		Verified  Concrete (Y/N)?    Y
	Field Data	272 Post		store			
11	Map Data	298 Post	6B	store Post bldg	Reinforced concrete		Verified  Concrete (Y/N)?    Y
	Field Data	278 Post		store			
12	Map Data	443-447 Stockton	3	store +restaurant	reinf concr		Verified  Concrete (Y/N)?    Y
	Field Data	441 Stockton		store			
13	Map Data	435-439 Stockton	8	Store	steel frame+ reinf. Cor		Verified  Concrete (Y/N)?    Y
	Field Data	427 Stockton		store+ Mc Alpin Apartr			
14	Map Data	639-641 Bush	6	store	reinf. Conc		Verified  Concrete (Y/N)?    Y
	Field Data	639 Bush		store+ apartments			

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 48      Location: Stockton/Sutter

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	671 Bush			C.		demolished  Concrete (Y/N)?    N
	Field Data	665 Bush	9+mezz	Orchard Hotel			
16	Map Data	490 Sutter	29B	The holiday inn at union	conc.	1972	Verified  Concrete (Y/N)?    Y
	Field Data	480 Sutter		Marriott at Union Squa			
17	Map Data	450 Sutter	26B	store +restaurant	steel frame+ 12 inch +		Verified  Concrete (Y/N)?    Y
	Field Data	450 Sutter		basement to 7th floor g store + offices			
18	Map Data	369 Stockton	sement	Union Square Hyatt H	conc.	1972	Verified  Concrete (Y/N)?    Y
	Field Data	345 Stockton		parking stru all basem Hyatt			
19	Map Data	340 Post	3		Conc	1924	Verified  Concrete (Y/N)?    Y
	Field Data	340 Post		store			
20	Map Data	350 Post	11B	Offices	Conc	1972	Verified  Concrete (Y/N)?    Y
	Field Data	350 Post		offices			

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 63A      Location: Mason, Turk      Verifier: SK  
Date: 10/8/2009

### Total Number of Concrete Buildings:

- (1) 9 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 10 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 63A

Mason, Turk

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	938 Market 30 Mason	7	Garfield Building Movies	Concr	1907	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	948 Market @ Mason Mason	8	Graystone Bldg	reinf concr & brick	1907	Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	Rear of 33 Mason	1B	Garage behind the Ambassador Hotel	?		Concrete? Still exists? Verified
	Field Data			150 cars			Can see vertical form boards Concrete (Y/N)? Y
4	Map Data	163-177 Eddy	2	s,s,pool room	reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	191-199 Eddy	2	c,c,... Hotel	reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	76 - 80 Turk	2	theater	reinf concr frm & curtain wls		Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	62 - 64 Turk	6	Winston Arms Hotel	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 69      Location: Jones, Green      Verifier:  
Date:

### Total Number of Concrete Buildings:

- (1) 5 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 7 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 69      Location: Jones, Green

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1725 Taylor	5B	20 Apts.	E-2-b	1962	E = "indirectly protected steel frame" therefore, do not count
	Field Data						Concrete (Y/N)?    N
2	Map Data	945 Green	14B	12 Apts.	Steel Frame 6" reinf conc curt wl	1927	Verified
	Field Data						Concrete (Y/N)?    Y
3	Map Data	947 Green	10B	8 Apts.	Steel Frame 6" reinf conc curt wl	1925	Verified
	Field Data						Concrete (Y/N)?    Y
4	Map Data	999 Green	28B	Eichler Russian Hill Apts. (110 apts.)	A-1-a	1965	Verified "Eichler Summit"
	Field Data						See ref to the right from: <a href="http://www.eichlerne.com">http://www.eichlerne.com</a> Concrete (Y/N)?    Y
5	Map Data	1000 Green	13B	62 apts.	stl frm reinf conc flrs, rf. 8" conc curt. W	1950	Verified
	Field Data						Concrete (Y/N)?    Y
6	Map Data	1070 Green	19B	Green Hill Tower 52 apts.	A-1-a C-2-b	1962	Only Basement is A-1-a Verified
	Field Data						do not count superstruct is steel Concrete (Y/N)?    N
7	Map Data	1067 Green	2B	Residence Octagonal House	Conc Construction		Difficult to say. Octagonal house.
	Field Data						Based on judgment, do not count. Concrete (Y/N)?    N



## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 77      Location: Jones & Eddy      Verifier: SK  
Date: 6/13/2010

### Total Number of Concrete Buildings:

- (1) 39 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 39 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **38** Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes: Revised after the Concrete Coalition walkdown in Spring, 2010

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	225 225A Taylor	3B	24 appts.	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	363 Ellis	1	Engraving	reinf conc		Verified
	Field Data	379 Ellis					Concrete (Y/N)? Y
3	Map Data	342, 346 Jones	6	Hotel Bernard	reinf conc		Verified
	Field Data			Hotel Bel Air			Concrete (Y/N)? Y
4	Map Data	246-250 Eddy	1	S	reinf conc		No - demolished and replaced
	Field Data						Concrete (Y/N)? N
5	Map Data	228-232 Eddy	12	Alexander Hotel	f.p. reinf conc	1927	Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	131 Taylor	1	Rest	Conc		No - demolished and replaced
	Field Data						Concrete (Y/N)? N
7	Map Data	217 Eddy	6	Hotel Clark	Stl frm reinf concr brick curtain walls		? Concrete? Say OK Verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	245-253 Eddy	6	53 appts.	Stl frm reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
9	Map Data	265 Eddy	4B	Garage	conc frm reinf conc	1924	Verified
	Field Data						Concrete (Y/N)? Y
10	Map Data	299 Eddy 260 Jones	6	Hotel Marlton	Stl frm reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
11	Map Data	238-244 Jones	3	Musician Union Hall	Reinf conc 1,2 Brick 3 stl frm reinf c		Verified
	Field Data						Concrete (Y/N)? Y
12	Map Data	220 Jones	1 Mezz	S.	reinf conc fr walls		Verified
	Field Data						Concrete (Y/N)? Y
13	Map Data	210 Jones 194 Turk	10	Hotel Antonia Manor	reint conc frm 6" curtain walls	1925	Verified
	Field Data						Concrete (Y/N)? Y
14	Map Data	170-174 Turk	5	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	150 Turk	2B	Garage 125 cars	reinf conc frm wood truss rf		Verified
	Field Data						Concrete (Y/N)? Y
16	Map Data	134 Turk	3	club	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
17	Map Data	118 Turk	3	S. Lodgings abv	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
18	Map Data	333 Jones	2B	Garage 100 cars	reinf conc truss rf		Verified
	Field Data						Concrete (Y/N)? Y
19	Map Data	335-341 Jones	1	Rest	reinf conc 6" curtain walls		Verified
	Field Data						Concrete (Y/N)? Y
20	Map Data	345 Jones	5B	36 Apartments	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
21	Map Data	475 Ellis	7	Hotel	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
22	Map Data	499 Ellis 368 Leavenworth	1	C, Rest	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
23	Map Data	346 Leavenworth	5B	27 appts	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
24	Map Data	344 Leavenworth	7	14 appts	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
25	Map Data	322-330 Eddy	6	S, 24 appts.	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
26	Map Data	255 Jones 301 - 329 Turk	1	S	reinf conc		Verified
	Field Data			Tenderloin Police Station			Concrete (Y/N)? Y
27	Map Data	335 - 339 Turk	3	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
28	Map Data	345 - 347 Turk	6B	S., 39 appts	Stl frm reinf concr		Verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
29	Map Data	353 - 355 Turk	6B	S, 40 appts	Stl frm reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
30	Map Data	365 Eddy	1	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
31	Map Data	240 - 242 Leaven	1	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
32	Map Data	236 - 238 Leaven	4	10 appts	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
33	Map Data	222 Leavenworth	6B	34 appts	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
34	Map Data	200 Leavenworth 298 Turk	2	S, Rest	reinf conc A-1-a	1922	Verified
	Field Data						Concrete (Y/N)? Y
35	Map Data	280-290 Turk	2	Offices	reinf conc A-1-a	1920	Verified
	Field Data						Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 77

Location: Jones & Eddy

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
36	Map Data	270 - 272 Turk	10B	El Cerrito Apt Hotel	Stl frm reinf concr 6" curtain walls	1927	Verified
	Field Data						Concrete (Y/N)? Y
37	Map Data	256 Turk	2B	Garage 75 cars	conc frm reinf conc wood truss rf		Verified
	Field Data						Concrete (Y/N)? Y
38	Map Data	220 Turk	3	S			Verified
	Field Data						Concrete (Y/N)? Y
39	Map Data	219 - 233 Jones	3	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
40	Map Data	241 Jones	7	74 Appartments	C-1-a reinf conc	1929	C-1-a means concrete-protected steel frame. However, looks like it has concrete shears walls. Count.
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 91      Location: Hyde/Post

Verifier: AC  
Date: 5/24/2009

### Total Number of Concrete Buildings:

- (1) 39 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 39 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) 

<b>39</b>
-----------

 Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.



### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 91

Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	727 Leavenworth	4B	store+ 16 apartment	reinf concr		Assumed
	Field Data	727 Leavenworth	5	apartments			looks CB from front, can not see from side, as Concrete (Y/N)? Y
2	Map Data	753 Leavenworth	1	D	reinf concr		Verified
	Field Data	753 Leavenworth		residential			Concrete (Y/N)? Y
3	Map Data	925 Sutter	5B	29 apts	Reinf. Conc		Verified
	Field Data	925 Sutter		apartments			has brick façade Concrete (Y/N)? Y
4	Map Data	935 Sutter	5B	29 Apts	reinf concr		Assumed
	Field Data	935 Sutter		apartments			looks CB from front, can not see from side, as Concrete (Y/N)? Y
5	Map Data	969 Sutter	2	store	reinf concr		Verified
	Field Data	967 Sutter		store			Concrete (Y/N)? Y
6	Map Data	975 Sutter	4B	8 apts.	reinf concr		Verified
	Field Data	975 Sutter		apartments			Concrete (Y/N)? Y
7	Map Data	979 Sutter	5B	boarding	reinf concr		Verified
	Field Data	979 Sutter		apartments			Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 91

Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	995-999 Sutter	3B	drs. Offices	reinf concr brick facing on west ar		Verified
	Field Data	999 Sutter		offices			brick facing on west and north Concrete (Y/N)? Y
9	Map Data	890-898 Post	3		reinf concr		Assumed
	Field Data	894 Post					looks CB from front, can not see from side, as Concrete (Y/N)? Y
10	Map Data	625 Leavenworth	5B	34 Apts	reinf concr		Verified
	Field Data	625 Leavenworth	6	apartments			looks CB from front, verified conc from side Concrete (Y/N)? Y
11	Map Data	615-619 Leavenworth	5B	35 apts	reinf concr		Verified
	Field Data	615 Leavenworth		apartments			Concrete (Y/N)? Y
12	Map Data	601-607 Leavenworth	5B	34 apts+ rest+ store	reinf concr		Verified
	Field Data	601 Leavenworth		apartments(Cusa Feliz			looks CB from front, verified conc from side Concrete (Y/N)? Y
13	Map Data	720-728 Geary	1	store	reinf concr		Verified
	Field Data	724 Geary		store			looks CB from front, verified conc from side Concrete (Y/N)? Y
14	Map Data	758-768 Geary	6B	64 apts.	reinf concr		Verified
	Field Data	760 Geary		apartments (Geary Ma			Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 91

Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	774-776 Geary	6	store+ 26 apartments	reinf concr		Verified
	Field Data	776 Geary		store + apartments			Concrete (Y/N)? Y
16	Map Data	784 Geary	4B	dry cleaning solvent tk store	reinf concr fr pilastd cu		Verified
	Field Data	786 Geary		Rudy's Place apartme			Concrete (Y/N)? Y
17	Map Data	1007 Sutter	6B	38 apts	reinf conc		Verified
	Field Data	1007 Sutter		apartments			Concrete (Y/N)? Y
18	Map Data	745 Hyde	6B	23 apts	reinf concr		Verified
	Field Data	745 Hyde		apartments			looks CB from front, verified conc from side Concrete (Y/N)? Y
19	Map Data	737 Hyde	5B	28 apts	reinf conc		Verified
	Field Data	737 Hyde		apartments			looks CB from front, verified conc from side Concrete (Y/N)? Y
20	Map Data	725 Hyde	6B	12 apts	reinf conc		Verified
	Field Data	725 Hyde		apartments			looks CB from front, verified conc from side Concrete (Y/N)? Y
21	Map Data	709-711 Hyde	4	7 apts	reinf conc		Assumed
	Field Data	711 Hyde		store+apartments			looks CB from front, can not see from side, as Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 91      Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
22	Map Data	930 Post	5B	44 apts	reinf conc		Assumed
	Field Data	930 Post		apartments			looks CB from front, can not see from side, as Concrete (Y/N)?      Y
23	Map Data	1075 Sutter	9B	Hotel Carlton	steel frame+ reinf conc		Verified
	Field Data	1075 Sutter		Hotel Carlton			has brick façade, verified conc from side Concrete (Y/N)?      Y
24	Map Data	907 Post	1mezz	store	reinf conc		Assumed
	Field Data	907 Post		not occupied			looks CB from front, can not see from side, as Concrete (Y/N)?      Y
25	Map Data	625 Hyde	4B	6 apts	reinf conc		Verified
	Field Data	625 Hyde		apartments			Concrete (Y/N)?      Y
26	Map Data	816 Geary	5B	20 apts	reinf conc		Verified
	Field Data	816 Geary		apartments			looks CB from front, verified conc from side Concrete (Y/N)?      Y
27	Map Data	822 Geary	1	store	reinf conc truss rf		Verified
	Field Data	822 Geary		goodwill store			Concrete (Y/N)?      Y
28	Map Data	838-842 Geary	6	store+ 23 apts	reinf conc		Verified
	Field Data	842 Geary	5	store+ apartments			looks CB from front, verified conc from side Concrete (Y/N)?      Y
29	Map Data	848-854 geary	6	store+ 24 apts	reinf conc		Assumed
	Field Data	854 Geary		store+ apartments			looks CB from front, can not see from side, as

### Concrete Coalition Field Verification / Survey

Volume: 1      Map: 91      Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
	Field Data						Concrete (Y/N)?      Y
30	Map Data	858-868 Geary	1	store	reinf conc		Verified
	Field Data	876 Geary		store			Concrete (Y/N)?      Y
31	Map Data	920 Larkin	3	store	reinf conc		Verified
	Field Data	920 Larkin		store			Concrete (Y/N)?      Y
32	Map Data	983-983 Post	1B	store+ dry cleaning +g	reinf conc		Verified
	Field Data	989 Post		store			Concrete (Y/N)?      Y
33	Map Data	955-975 Post	1B	garage	truss rf+ conc fl		Verified
	Field Data	955 Post	2	garage			Concrete (Y/N)?      Y
34	Map Data	875 Post	3B	brazil hotel boarding	reinf conc		Assumed
	Field Data	875 Post		Looper Residence			looks CB from front, can not see from side, as Concrete (Y/N)?      Y
35	Map Data	861 Post	4B	16 apts	reinf conc		Assumed
	Field Data	861 Post		apartments			looks CB from front, can not see from side, as Concrete (Y/N)?      Y
36	Map Data	839 Post	6B	53 apts	steel fr+ reinf conc		Assumed
	Field Data	839 Post		Post Arms Apartments			looks CB from front, can not see from side, as Concrete (Y/N)?      Y
37	Map Data	1035 Sutter	4B	34 apartments	reinf concrete		Verified

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 91

Location: Hyde/Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
	Field Data	1035 Sutter		apartments			Concrete (Y/N)? Y
38	Map Data	1065-1057 Sutter	3B	Raphael House for W	reinf. conc	1908	Verified Concrete (Y/N)? Y
	Field Data	1065 Sutter		Raphael House			
39	Map Data	meacham place	1 to 2	PG&E steam plant	steel frame+brick+con	1913	Assumed not accesible Concrete (Y/N)? Y
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 1      Map: 104      Location: Polk, California      Verifier:  
Date:

### Total Number of Concrete Buildings:

- (1) 9 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 10 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 1

Map: 104

Polk, California

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1541 Polk	1	offices	reinf conc frm curtain wls		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	1725 California	2B	C garage?	reinf conc	1923	Verified
	Field Data			yes, garage			Concrete (Y/N)? Y
3	Map Data	1640 Van Ness	1	Bank	reinf conc truss rf steel colums		Verified
	Field Data						Concrete (Y/N)? Y
4	Map Data	1610 Van Ness at California	3	auto sales	reinf concr wd flrs 2,3		Concrete frame above first story? Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	1656,1666 California	2B	Bank	(C.B.) concr cols		concrete block? - no, some block, but also concrete frame
	Field Data						Verified Concrete (Y/N)? Y
6	Map Data	1638 California	2	Royal Theater	Br. & Reinf Concr	1915	No - gone, only Polk façade left
	Field Data						Concrete (Y/N)? N
7	Map Data	1699 California at Van Ness	2B	Bank	reinf conc A-1-a	1917	Verified
	Field Data						Concrete (Y/N)?



## Concrete Coalition Field Verification / Survey

Volume: 2

Map: 122

Location: Spear, Folsom

Verifier: SK

Date: 9/16/2009

### Total Number of Concrete Buildings:

- (1) 4 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 5 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 122

Location: Spear, Folsom

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	30 Harrison	6,7,12	Hills Bros.	reinf conc frm 8" brick curtain wls	1924	Verified  Concrete (Y/N)? Y
	Field Data						
2	Map Data	324 Steuart	1	Hills Bros.	reinf conc, stl frm steel truss roof		Not there - demolished  Concrete (Y/N)? N
	Field Data						
3	Map Data	65 Folsom	2	Sheet Mtl Shop Hills Bros.	reinf conc.		Not there - demolished  Concrete (Y/N)? N
	Field Data						
4	Map Data	30 Spear @ Folsom	4	Hills Bros.	reinf conc walls, flrs	1952	Not there - demolished Replaced by high-rise  Concrete (Y/N)? N
	Field Data						
5	Map Data	399 Main @ Harrison	4B	Whse Bldg 2	reif conc fr flrs reinf conc 8" curt. wls	1942	Verified Retrofit with friction pendulums (?) Has a 5th floor penthouse added Concrete (Y/N)? Y
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 126      Location: Fremont & Folsom      Verifier: SK  
Date: 5/28/2009

### Total Number of Concrete Buildings:

- (1) 12 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 13 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume:

Map:

Location:

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	333 Beale	1,2	USPS Annex	reinf conc		No longer exists  Concrete (Y/N)?    N
	Field Data						
2	Map Data	395 Beale	7B	US Gov't	reinf conc frm flrs 8" curtain walls	194?	Verified  Concrete (Y/N)?    Y
	Field Data						
3	Map Data	301 Folsom	4	Paper Warehouse	reinf conc frm, walls 6" conc curtain walls	1937 1946	Verified  Concrete (Y/N)?    Y
	Field Data						
4	Map Data	353 - 355 Folsom	2B	Offices	reinf conc		Verified  Concrete (Y/N)?    Y
	Field Data	353 Folsom					
5	Map Data	229, 233 Fremont	1B 2B	Engraving	reinf conc frm curtain walls	1930	Demolished - vacant lot  Concrete (Y/N)?    N
	Field Data						
6	Map Data	355, 365, 375 Fremont	2B	Bindery, Knitting Mill	reinf conc frm curtain walls	1928	Demolished - vacant lot  Concrete (Y/N)?    N
	Field Data						
7	Map Data	385 Fremont	1B 2B	Lithograph	reinf conc wood truss		Demolished - vacant lot  Concrete (Y/N)?    N
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 131      Location: 2nd Street and Howard      Verifier: SK  
Date: 5/28/2009

### Total Number of Concrete Buildings:

- (1) 13 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 15 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 131

Location: 2nd Street and Howard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	525 Howard	1	S	some wood posts reinf conc		verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	541 - 545 Howard	2B	S - lofts			verified
	Field Data	543 Howard					Concrete (Y/N)? Y
3	Map Data	553, 555 Howard	2B	Printing	reinf conc		verified
	Field Data	555 Howard					Concrete (Y/N)? y
4	Map Data	557 Howard	2	Printing (narrow)			verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	60 Tahema	2	C	C.B.		verified Do not count C.B.
	Field Data						Concrete (Y/N)? N
6	Map Data	571 Howard	2	Printing	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	90 Tehama	2	C	reinf conc		verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 137      Location: 3rd & Market      Verifier: SK  
Date: 5/21/2009

### Total Number of Concrete Buildings:

- (1) 11 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 12 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 2      Map: 137      Location: 3rd & Market

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	601 Market	14	Offices all	Steel frm 6" reinf conc walls	1917 1922	Verified  Concrete (Y/N)?    Y
	Field Data	605 Market					
2	Map Data	30,32,34 2nd	3	S	reinf conc		Small non-concrete bldg is there now  Concrete (Y/N)?    N
	Field Data						
3	Map Data	242 - 246 2nd	2	S	reinf conc		verified  Concrete (Y/N)?    Y
	Field Data	244 2nd					
4	Map Data	111 - 127 Stevenson	4	Palace Garage 225 Cars	reinf conc	1921	Verified  Concrete (Y/N)?    Y
	Field Data						
5	Map Data	39-61 New Montgomery	8	Offices above Sharon Bldg.	Steel frm reinf conc curtain wall	1913	Verified  Concrete (Y/N)?    Y
	Field Data						
6	Map Data	602-604-606 Mission	10	Atlas Bldg	reinf conc brick curtain	1905	This is steel frame w/ brick walls See Hamburger See Bracing for Disaster Concrete (Y/N)?    N
	Field Data						
7	Map Data	612-624 Mission	5B	Offices All	reinf conc	1914 1921	Verified  Concrete (Y/N)?    Y
	Field Data	79 New Montgomery		Richard A Stephens Building			



## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 153      Location: 5th, Market      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 8 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 11 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 2      Map: 153      Location: 5th, Market

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	801 Market @ 4th	9M	Shops, offices abv.	reinf conc & tile fireproof constr.	1907	Verified Retrofit  Concrete (Y/N)?    Y
	Field Data			Old Navy			
2	Map Data	825,831,833 Market	11M	Commercial Bldg	reinf conc constr	1908	Verified  Concrete (Y/N)?    Y
	Field Data	833 Market					
3	Map Data	308 Jesse	3	C, W	conc		Verified  Concrete (Y/N)?    Y
	Field Data						
4	Map Data	70 4th Street @ Jesse	1B	S	reinf conc frm & Curtain walls		Verified  Concrete (Y/N)?    Y
	Field Data			Fox Cole Hardware			
5	Map Data	812-814 Mission	6MB	rest, prkng, offs.	Steel frm reinf conc Curtain walls	1925	Verified  Concrete (Y/N)?    Y
	Field Data			Call Bldg			
6	Map Data	816-818 Mission	5B	Prkg 1st, offices abv.	reinf conc frm & curtain walls, flrs, rf	1908	Verified  Concrete (Y/N)?    Y
	Field Data						
7	Map Data	820-822 Mission	5	S, lofts abv	reinf conc	1908	No - replaced Bloomingdales  Concrete (Y/N)?    N
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 194      Location: 11th and Howard      Verifier: SK  
Date: 6/8/2009

### Total Number of Concrete Buildings:

- (1) 19 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 19 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **15** Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 194

Location: 11th and Howard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1400-1450 Folsom	2	Mdse Stge conc cols & flrs	reinf conc & stl. Frm. reinf conc & brick		Verified
	Field Data						Concrete (Y/N)? y
2	Map Data	250 10th	1	St. Josephs Sch	reinf C.B.	1960	Verified Do not count - C.B.
	Field Data						Concrete (Y/N)? N
3	Map Data	227-225 11th	2B	S	reinf conc reinf conc cols		Verified
	Field Data						Concrete (Y/N)? y
4	Map Data	72 Kissling	1	C	conc		Verified
	Field Data						Concrete (Y/N)? y
5	Map Data	245 11th	2Mez	pkg. 1 elec. Assy. 2	reinf conc frm and curtain walls		Verified
	Field Data						Concrete (Y/N)? y
6	Map Data	1500 Howard 200 11th	1Mez	One W	reinf conc		Verified
	Field Data	1501 Howard					Concrete (Y/N)? y
7	Map Data	1559 Howard	1Mez	S	reinf conc		Verified
	Field Data						Concrete (Y/N)? y

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 194

Location: 11th and Howard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	1583 Howard	1Mez	S	reinf conc		verified
	Field Data						Concrete (Y/N)? y
9	Map Data	1599 Howard	2Mez	S. & rest	reinf conc frm and curtain walls	1926	Verified
	Field Data						Concrete (Y/N)? y
10	Map Data	275 12th street	6 deck	parking	conc	1978	Verified
	Field Data						Concrete (Y/N)? y
11	Map Data	1580 Folsom	2	stge	reinf conc frm and curtain walls		Verified
	Field Data						Concrete (Y/N)? y
12	Map Data	1532, 1526 Folsom	1	C, S	reinf conc wood roof		Verified
	Field Data	1530, 1526 Folsom					Concrete (Y/N)? y
13	Map Data	1516 Folsom	3	C	reinf conc wood frm 3rd		Verified
	Field Data						Concrete (Y/N)? y
14	Map Data	278 11th @ Burns	1	c	reinf conc		Verified
	Field Data						Concrete (Y/N)? y

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 194

Location: 11th and Howard

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	276 11th @ Burns	1	auto parts w/h	reinf conc frm and curtain walls		Verified
	Field Data						Concrete (Y/N)? y
16	Map Data	270 11th	1	meats & cold stge	reinf C.B.		Verified Do not count C.B.
	Field Data						Concrete (Y/N)? N
17	Map Data	135 Kissling	1	W			Verified
	Field Data						Concrete (Y/N)? y
18	Map Data	276 1/2 12th (rear 275 12th)	2	C	C.B.		Verified Do not count C.B.
	Field Data						Concrete (Y/N)? N
19	Map Data	249 275 299 11th	1	Auto rep	A-1-d	1917	Are the columns brick or concrete? No. Masonry walls & pilasters Steel interior columns
	Field Data						Concrete (Y/N)? N

## Concrete Coalition Field Verification / Survey

Volume: 2      Map: 198      Location: 13th Steet and Mission      Verifier: SK  
Date: 6/1/2009

### Total Number of Concrete Buildings:

- (1) 16 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 16 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **13** Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 198

Location: 13th Steet and Mission

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1616 Mission	1	Auto Service Sta.	reinf conc walls		verified
	Field Data	1600 Mission					Concrete (Y/N)? Y
2	Map Data	1640 Mission	5	Van Ness Plaza Numerous commercial	Conc 1-3 C.B. abv	1963	verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	1660-1666 Mission	2	?	reinf conc	1923	demolished - new building
	Field Data						Concrete (Y/N)? N
4	Map Data	155 Otis	4	P	reinf conc and brick	1923	verified
	Field Data	1680 Mission					Concrete (Y/N)? Y
5	Map Data	1601 Mission	1	Auto rep.	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	1621 Mission	1	S	reinf conc p/c		demolished
	Field Data						Concrete (Y/N)? N
7	Map Data	1663-1665 Mission	7	S. Lofts abv	reinf conc frm flrs 6" curtain wall	1925 1927	verified
	Field Data						Concrete (Y/N)? Y



## Concrete Coalition Field Verification / Survey

Volume: 2

Map: 202B

Location: Vermont, Alameda

Verifier: SK

Date: 9/20/2009

### Total Number of Concrete Buildings:

- (1) 3 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 202B

Location: Vermont, Alameda

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2 Rhode Is. @ Division	1	2C	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	30 (+/-) Rhode Is.	1,2	SF Ice Mfg. Co.	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	680, 690 8th Street	1,2	Liquor Whse	reinf conc frm curt wls, wd trusses		large, triangular bldg. new?
	Field Data						Say yes Concrete (Y/N)? Y
4	Map Data						
	Field Data						Concrete (Y/N)?
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 2

Map: 204

Location: 15th, Mission

Verifier: SK

Date: 9/20/2009

### Total Number of Concrete Buildings:

- (1) 5 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 5 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2      Map: 204      Location: 15th, Mission

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1855 Mission	1	Shop & Furniture	reinf conc frm curt wls, stl posts, trusses		Verified
	Field Data						Concrete (Y/N)?      Y
2	Map Data	1875 Mission	3B	Market St Van & Storage Co.	reinf conc	1925	Verified
	Field Data						Concrete (Y/N)?      Y
3	Map Data	1885-1899 Mission at 15th	3	C	reinf conc		Verified
	Field Data						Concrete (Y/N)?      Y
4	Map Data	1558-1556 15th	1	Disinfectant Lab	precast reinf conc conc beams		What is the structural system? CIP concrete - can see form board marks
	Field Data						Verified Concrete (Y/N)?      Y
5	Map Data	2922-1948 16th	3B	S.F. Labor Temple	Stl Frm Brick & reinf conc		Brick Front reinf conc side & back walls
	Field Data						Verified Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 2

Map: 216

Location: 4th, Channel

Verifier: SK

Date: 10/8/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 2

Map: 216

Location: 4th, Channel

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	195 Channel	1-Jan	S.P. Warehouse	C.B. Wall to ceiling Wood posts		Do not count if concrete block Not there - see Google map  Concrete (Y/N)? N
	Field Data						
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 3      Map: 230      Location: Franklin & Jackson      Verifier: SK

### Total Number of Concrete Buildings:

- (1) 18 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 18 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **17** Total number of concrete buildings, as determined by the verifier, based on the map survey the field survey

Notes:

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 230

Location: Franklin & Jackson

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2001 Van Ness f	2	gym auto rep. second flr.		1920	Now a bank, Subway, gym Typical SF Garage of that period
	Field Data						Concrete (Y/N)? Y
2	Map Data	1790 Jackson	6b	38 apts.	Stl Frm 6" concr curtain wls.		Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	1745 Pacific	6B	24 apts.	Stl Frm reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
4	Map Data	<del>1765 Jackson</del>	6	12 apts.	reinf concr		Verified
	Field Data	1755 Franklin					Concrete (Y/N)? Y
5	Map Data	<del>2050 Franklin</del>	12B	81 apts.	A-1-a	1965, 1966	Verified
	Field Data	2040 Franklin					Concrete (Y/N)? Y
6	Map Data	2030 Franklin	4B		reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	1840 Washington	1	auto rep.			Demolished - currently a vacant lot Next to 1860 Washington
	Field Data						Concrete (Y/N)? N



### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 230

Location: Franklin & Jackson

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	1875 Pacific	4B	16 apts.			Verified
	Field Data						Concrete (Y/N)? Y
9	Map Data	1895 Pacific (2264 Gough)	5B	30 apts.	Stl Frm. reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
10	Map Data	1880 Jackson	6B	57 apts.	steel frame reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
11	Map Data	1870 Jackson	6B	25 apts.	steel frame reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
12	Map Data	1810 Jackson	7B	7 apts.	reinf concr	1917	Verified
	Field Data						Concrete (Y/N)? Y
13	Map Data	1800 Jackson	4B	8 apts.	reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
14	Map Data	2135 Franklin	1&2	2-R	Conc. Frm. 1st		Verified Can see form board marks on north wall
	Field Data	2123 Franklin					Concrete (Y/N)? Y

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 230

Location: Franklin & Jackson

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
15	Map Data	1985 Jackson	6B	38 apts.	reinf concr	1927	Verified
	Field Data						Concrete (Y/N)? Y
16	Map Data	<del>2100 Gough</del> 1980 Washington	8B	64 apts.	reinf concr	1923	Verified
	Field Data						Concrete (Y/N)? Y
17	Map Data	1960 Washington	2	garage 60 cars			Verified
	Field Data						Concrete (Y/N)? Y
18	Map Data	1900 Washington	6B	24 apts.	reinf concr		Verified
	Field Data						Concrete (Y/N)? Y
19	Map Data						
	Field Data						Concrete (Y/N)?
20	Map Data						
	Field Data						Concrete (Y/N)?
21	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 3      Map: 249      Location: Buchanan & Broadway      Verifier: SK

### Total Number of Concrete Buildings:

- (1) 11 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 12 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **11** Total number of concrete buildings, as determined by the verifier, after the field survey

Notes:

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 249

Location: Buchanan & Broadway

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2000 Broadway	10B	221-R	F.P. 1973 (conc)	1973	Verified Note: the concrete bldg across Laguna looks more critical Concrete (Y/N)? Y
	Field Data						
2	Map Data	2090 Broadway	8SB	41 apts.	steel frame, reinf concr curtain walls	1936	Verified  Concrete (Y/N)? Y
	Field Data						
3	Map Data	2140 Pacific	6B	24 apts.	steel frame, reinf concr		Verified  Concrete (Y/N)? Y
	Field Data						
4	Map Data	2100 Pacific	10B	18 apts.	Reinf Concr	1925	Verified  Concrete (Y/N)? Y
	Field Data						
5	Map Data	2129 Vallejo	3	Hamlin Sch	A-1-a	1961	Verified Can see form board marks on west side  Concrete (Y/N)? Y
	Field Data						
6	Map Data	2190 Broadway 2130 Broadway	12B	24-R Panoramic Apts.	C.B.B.R.F. (meaning not clear)		Not clear if this one is concrete or not. Field survey inconclusive Say "no" by judgment Concrete (Y/N)? N
	Field Data						
7	Map Data	2121 Broadway	6B	7 apts.	steel frame, reinf concr		Verified  Concrete (Y/N)? Y
	Field Data						

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 249

Location: Buchanan & Broadway

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	2127 Broadway	6B	7 apts.	steel frame, reinf concr		same as (7) Verified  Concrete (Y/N)? Y
	Field Data						
9	Map Data	2298 Pacific	6B?	?	Steel frame br. Reinf concr	1927	Brick facing Verified  Concrete (Y/N)? Y
	Field Data		8B	Large apt. bldg.			
10	Map Data	2280 Pacific	6B	24 apts.			Verified  Concrete (Y/N)? Y
	Field Data						
11	Map Data	2200 Pacific	?	52 Apts	A-1-a	1962	Verified  Concrete (Y/N)? Y
	Field Data		11SB				
12	Map Data	<del>2131 Broadway</del> 2149 Broadway	4B	D (domicile)			Verified  Concrete (Y/N)? Y
	Field Data		3B				
13	Map Data						Concrete (Y/N)?
	Field Data						
14	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 3      Map: 265      Location: Fillmore & Bush      Verifier: SK

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 6 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, after the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 265

Location: Fillmore & Bush

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2140 Bush	3	Parking 1st 10C	reinf conc	1933	verified
	Field Data						Concrete (Y/N)? y
2	Map Data	1930 Fillmore	1,2	S. (paints)	reinf conc pilaster'd wd bms steel cols		verified
	Field Data						Concrete (Y/N)? y
3	Map Data	2331-2345 Pine	2B	PacTel Equip Bldgs	A-1-a Conc	1969	verified
	Field Data	2345 Pine					Concrete (Y/N)? y
4	Map Data	2226-2234 Bush	1B	Auto Rep	Reinf conc frm flrs rf brick curtain wall		verified
	Field Data						Concrete (Y/N)? y
5	Map Data	2040-2060 Sutter	5	68-R	C.B. First flr		Concrete frame podium with C.B. infill shear walls. Say yes
	Field Data						Concrete (Y/N)? Y
6	Map Data	2255 Bush	1B	Auto Rep	Reinf Frm, flrs,rf brick curtain wall		No - only façade (about front 15 ft) still exists - incorporated into a wood frame apartment building
	Field Data						Concrete (Y/N)? N
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 3      Map: 288      Location: Divisadero & California      Verifier: SK

### Total Number of Concrete Buildings:

- (1) 4 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 4 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, after the field survey

Notes:



### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 288

Location: Divisadero & California

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2035 Divisadero	2B	Auto	Reinf Concr Frm		Verified  Concrete (Y/N)? Y
	Field Data						
2	Map Data	2890 California	6B	36 apts.	Steel frm reinf concr Frm		Verified  Concrete (Y/N)? Y
	Field Data						
3	Map Data	2880, 76, 70 California	3	Laundry			The concrete part is one story in the rear, according to map. Cannot see; survey can't verify Concrete (Y/N)? Y
	Field Data			No longer laundry			
4	Map Data	1950 Pine	3	Cobb Sch	reinf concr	1923	Verified  Concrete (Y/N)? Y
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 3

Map: 290

Location: Divisadero & Post

Verifier: SK  
24-Jun-09

### Total Number of Concrete Buildings:

- (1) 13 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 13 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) 7 Total number of concrete buildings, as determined by the verifier, after the field survey

Notes:

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 290

Location: Divisadero & Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1605-1609 Scott	4	Mt. Zion Hosp	reinf conc frm brick curtain wls	1913	verified  Concrete (Y/N)? Y
	Field Data	2200 Post					
2	Map Data	1607-1611 Scott	2	Mt. Zion Hosp	C-1-a	1930	Don't count (C-1-a)  Concrete (Y/N)? N
	Field Data	1657 Scott					
3	Map Data	2301 Sutter 1663 Scott	1	Machine shop	A-1-d	1962	verified  Concrete (Y/N)? Y
	Field Data	1675 Scott					
4	Map Data	2345 Sutter	7	Nurses school	reinf conc brick	1925	Demolished  Concrete (Y/N)? N
	Field Data						
5	Map Data	2355(?) Sutter	7	Mt. Zion Hosp	C-1-a	1949 1965	Don't count (C-1-a)  Concrete (Y/N)? N
	Field Data						
6	Map Data	1660 Divisadero	2B	Mt. Zion Hosp	A-1-a reinf conc	1963	Replaced by new structure  Concrete (Y/N)? N
	Field Data						
7	Map Data	1640(?) Divisadero	2B	Mt. Zion Hosp		1981	Don't count (1981)  Concrete (Y/N)? N
	Field Data						

### Concrete Coalition Field Verification / Survey

Volume: 3

Map: 290

Location: Divisadero & Post

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
8	Map Data	2250 Post	7B	Mt. Zion Hosp	steel frm 8" to 12" r/c wls	1949 1958	verified
	Field Data						Concrete (Y/N)? Y
9	Map Data	2245 Post	2	Lab	R.C.B		verified Concrete block - don't count
	Field Data						Concrete (Y/N)? N
10	Map Data	2255 Post	2	Clinic	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
11	Map Data	2360 Post	1	Auto Bdy Rep	reinf conc pilasted mtl rf stl cols	1912	verified
	Field Data						Concrete (Y/N)? Y
12	Map Data	1501 Divisadero	2	Undertaker	reinf conc		verified
	Field Data						Concrete (Y/N)? Y
13	Map Data	2375 Post	2	W	reinf conc frm & curtain walls		verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 4

Map: 329

Location: Franklin / Hayes

Verifier: RR & SK

Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 8 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 15 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 4

Map: 329

Location: Franklin / Hayes

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	Van Ness & Grove	1 to 3	Symphony & Opera Rehersal Hall	Conc. Steel Frm North has iron façade	See Com't	1979 Main Bldg. 1980 to 81 @ Franklin By judgment, this is a steel frame with concrete fireproofing Concrete (Y/N)? N
	Field Data						
2	Map Data	Van Ness & Hayes	1 to 5	SF Board of Edu. Admin Offices	Reinf. Conc Frm, Wls, Rf.	1927	Verified  Concrete (Y/N)? Y
	Field Data						
3	Map Data	200 Franklin	3B	Cafeteria	Brick Façade, Stl Fr.	1910	Do not count - masonry on steel  Concrete (Y/N)? N
	Field Data						
4	Map Data	373 Grove	3		Brick w Internal wd posts. Brick party wl west, concr. FP with concr. frm.		Back end has very new façade, not brick brick party walls on both sides. By judgment, say not concrete Concrete (Y/N)? N
	Field Data						
5	Map Data	345 Grove	2	Offices Law Building	Reinf. Conc.		Verified  Concrete (Y/N)? Y
	Field Data						
6	Map Data	301 Grove 461 Franklin	2	Commercial	C.B.		Do not count - concrete block  Concrete (Y/N)? N
	Field Data						
7	Map Data	336 - 330 Hayes	6	Apts. Above restaurant, store 1st	Steel frame with brick & tile walls		Do not count  Concrete (Y/N)? N
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 4      Map: 337      Location: Geary, Laguna      Verifier: RR & SK  
Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 5 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 4

Map: 337

Location: Geary, Laguna

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	St Francis Sq and Geary East Side	2	Open deck parking garage	reinf concr. A-1-a	1962 1963	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	Between Quick Step Lane and Ellis	2 decks	Open deck parking garage	reinf concr. A-1-a	1962, 1963	Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	Corner of Webster and Ellis	1	Korean Full Gospel Church	R.C.B.	1980	Do not count - concrete block
	Field Data						Concrete (Y/N)? N
4	Map Data	Hollis and Offarrell to St Francis Sq	3 west 1 rest	Raphael Weill Sch	reinf conc A-1-a & C-1-a	1927	Verified
	Field Data			Rosa Parks Elem Sch			Concrete (Y/N)? 2Y
5	Map Data	Corner of Ellis and St Francis Sq	1,1B,2	Raphael Weill Sch Classrooms	Reinf conc. w/ conc. flrs, wd rf	1966 1967	Verified Note: there are 2 buildings here
	Field Data			Rosa Parks Elem Classrooms			Concrete (Y/N)? Y
6	Map Data	Note: There are a number of "cooperative apartments" in this map. However, these are not included in the count, since they have concrete block lateral force resisting systems.					Concrete (Y/N)? N
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 4      Map: 338      Location: Eddy, Buchanan      Verifier: RR & SK  
Date: 8/26/2009

### Total Number of Concrete Buildings:

- (1) 15 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 8 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 4

Map: 338

Location: Eddy, Buchanan

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1201 Laguna	6	26 Appts.	Steel Frame Reinf Conc		Verified 1920's style  Concrete (Y/N)? Y
	Field Data						
2	Map Data	1250 Eddy	5B	Yerba Buena Housing Project	Reinf Conc flrs rfs 10" walls 8" int. wls.	1954	Demolished and Replaced  Concrete (Y/N)? N
	Field Data			60 Appts.			
3	Map Data	1245 Eddy	3B	Yerba Buena Housing Project	Reinf Conc flrs rfs 10" walls 8" int. wls.	1954	Demolished and Replaced  Concrete (Y/N)? N
	Field Data			108 Appts.			
4	Map Data	1265 Eddy	3B	Yerba Buena Housing Project	Reinf Conc flrs rfs 10" walls 8" int. wls.	1954	Demolished and Replaced  Concrete (Y/N)? N
	Field Data			108 Appts.			
5	Map Data	1441 Ellis	6	Glad Tidings Bible Sch	reinf conc frame & curtain walls		Demolished  Concrete (Y/N)? N
	Field Data						
6	Map Data	1451-1479 Ellis	1,2	Glad Tidings Temple	6" reinf conc Steel Frame		Verified  Concrete (Y/N)? Y
	Field Data						
7	Map Data	1360 Eddy	1	Auto Repair	Reinf conc		Demolished  Concrete (Y/N)? N
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 4      Map: 340      Location: Fulton, Laguna      Verifier: RR & SK  
Date: 8/26/2009

### Total Number of Concrete Buildings:

- (1) 5 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 4

Map: 340

Location: Fulton, Laguna

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	762 Fulton	3	Western Addition Cultural Center	F. P. Reinf Conc	1934	Verified Retrofit  Concrete (Y/N)? Y
	Field Data						
2	Map Data	743 Buchanan	3B	52 residences	NC (conc)		Verified The concrete pedestal structure is about 16 ft high (garage inside) Concrete (Y/N)? Y
	Field Data				wood appts. Over concrete pestatl		
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 4

Map: 343

Location: Haight / Buchanan

Verifier: RR & SK

Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 4 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 6 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 4

Map: 343

Location: Haight / Buchanan

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	300 Buchanan	6B	61 Apartments	reinf conc stl frm conc curtain wls		Verified  Concrete (Y/N)? Y
	Field Data						
2	Map Data	214 Haight	1 to3	Convent of Helpers of Human Souls	Reinf conc block	1965 1966	Do not count - concrete block  Concrete (Y/N)? N
	Field Data			Walden House Adolescent Facility			
3	Map Data	220, 250 Buchanan	Long Bldg	U.C. Extension Sch	Reinf Conc frm, curtain wls wood rf		Verified  Concrete (Y/N)? Y
	Field Data						
4	Map Data	Rear 220 Buchanan	1B	U.C. Extension Sch	Steel Trusses with reinf conc		Verified This one is questionable - say yes  Concrete (Y/N)? Y
	Field Data						
5	Map Data	Rear 345 Haight	1	A (automobile)	concrete		Do not count - small concrete garage  Concrete (Y/N)? N
	Field Data						
6	Map Data	Rear 333 Haight	B	Apartments	Concrete basement chambers		Do not count - basement only  Concrete (Y/N)? N
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 5      Map: 442      Location: Geary & 6th Avenue      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 3 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 5

Map: 442

Location: Geary & 6th Avenue

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	425 - 427 Clement	1	S 6th ave aquarium	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	4116 Geary	1	Auto Rep.	conc		Not there
	Field Data						Concrete (Y/N)? N
3	Map Data	367 6th Av	1	PG&E Substation 6th ave substa.	reinf conc blk		Verified Do not count C.B.
	Field Data						Concrete (Y/N)? N
4	Map Data						
	Field Data						Concrete (Y/N)?
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?



## Concrete Coalition Field Verification / Survey

Volume: 5      Map: 470      Location: Geary & 19th Avenue      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 5

Map: 470

Location: Geary & 19th Avenue

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	378 18th avenue	2	Parking	conc		No - replaced by a church  Concrete (Y/N)? No
	Field Data						
2	Map Data	5404 - 5416 Geary	2	Alexandria Theater	Reinf conc Steel frame	1922 1942	Verified  Concrete (Y/N)? Yes
	Field Data						
3	Map Data	5500 - 5506 Geary	1,2	Bank	Reinf conc	1925	Verified  Concrete (Y/N)? Yes
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 5 Map: 479 Location: Geary & 22nd Avenue

Verifier: SK  
Date: 6/8/2009

### Total Number of Concrete Buildings:

- (1) 5 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 5 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 5

Map: 479

Location: Geary & 22nd Avenue

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	5615 Geary	1	S	reinf conc frm and curtain walls		Verified  Concrete (Y/N)? y
	Field Data			Liquor store			
2	Map Data	5617-19 Geary	2	S	reinf conc frm and curtain walls		This is questionable - say no  Concrete (Y/N)? N
	Field Data						
3	Map Data	5667 Geary	1	S	C.B.		Verified Do not count C.B.  Concrete (Y/N)? N
	Field Data						
4	Map Data	5733 - 5735 Geary	1	S	reinf conc		verified  Concrete (Y/N)? Y
	Field Data						
5	Map Data	5739 - 5753 Geary		C	reinf conc		verified  Concrete (Y/N)? Y
	Field Data	5757 Geary					
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 5 Map: 509 Location: Geary & 35th Avenue

Verifier: SK  
Date: 6/8/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 5

Map: 509

Location: Geary & 35th Avenue

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	17 Shore View	1	Auto 1st	reinf conc 1st (wood?) frame 2nd		Don't count - single car garage built in bank with wood apartment over
	Field Data				built in bank		Too minor to count Concrete (Y/N)? N
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 5      Map: 521      Location: Balboa & 43rd Avenue      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 5

Map: 521

Location: Balboa & 43rd Avenue

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	4200 - 4222 Balboa	5	38 apts.	reinf conc		verified looks like 1920's style apartment. steel frame with curtain walls? Concrete (Y/N)? Y
	Field Data						
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 550      Location: Capp & 17th Street      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 10 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 12 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) 11 Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 550

Location: Capp & 17th Street

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2059-2065 Mission	3	34 Appts.	conc		Verified
	Field Data	2057 Mission					Concrete (Y/N)? Y
2	Map Data	3262 17th	2,1	Mattress whse	reinf conc		Verified
	Field Data	3264 17th					Concrete (Y/N)? Y
3	Map Data	3260 17th	2	Appliance whse	reinf conc frm & curtain walls		Verified
	Field Data						Concrete (Y/N)? Y
4	Map Data	154-174 Capp	3	loft	conc		Verified
	Field Data	160 Capp					Concrete (Y/N)? Y
5	Map Data	121 Capp	2	C	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	151 Capp	1Mezz	Lachman Bros. garage & rep	reinf conc frm & curtain walls		Verified
	Field Data	145-155 Capp					Concrete (Y/N)? Y
7	Map Data	3246, 3248 17th	2	Laundry Machinery whse	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 551      Location: Shotwell & 17th Street      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 11 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 551

Location: Shotwell & 17th Street

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	505 Van Ness 2897 16th	1	Auto Laundry	Stl Cols and Bms C.B. Pilasters		Concrete? Verified C.B.
	Field Data				C.B. Apron Wall		Concrete (Y/N)? N
2	Map Data	555, 565 Van Ness	1=2	S	Concrete Pilastered Precast Walls	1955	Concrete? Verified - true precast, not tilt-up
	Field Data						Concrete (Y/N)? Y
3	Map Data	240 Shotwell	2	Mission Health Ctr	reinf conc frm curtn w/ steel cols & bms		Concrete? verified
	Field Data						Concrete (Y/N)? Y
4	Map Data	3151, 3157 17th st 300 Shotwell	1	P	C.B.		Masonry & C.B. (east side)? C.B. demolished
	Field Data						Concrete (Y/N)? N
5	Map Data	655, 695 Van Ness	1	S & C	Reinf conc pilast'd wd rf		Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	2801-2849 16th	1,2	Bakery	reinf conc stl truss & posts	1940	Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	3101 17th 2100 Folsom	2	Machine Shop	reinf conc		Verified
	Field Data			City Cremation			Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 553      Location: Florida & Mariposa      Verifier:  
Date:

### Total Number of Concrete Buildings:

- (1) 8 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 15 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3) **13** Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 553

Location: Florida & Mariposa

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2001 Harrison 2929 17th St.	2	Loft	reinf conc & C.B.		Verified  Concrete (Y/N)? Y
	Field Data	400 Alabama					
2	Map Data	450,490,498 Alabama	1B, 2B	C, W	reinf conc		Verified  Concrete (Y/N)? Y
	Field Data	2121 Harrison					
3	Map Data	1980 Bryant	2	C	C.B.	1975	Verified C.B. don't count  Concrete (Y/N)? N
	Field Data	1850 Bryant					
4	Map Data	2700 Mariposa	3	Best Food Whse	Reinf conc frm, fls, rf	1948	Verified  Concrete (Y/N)? Y
	Field Data						
5	Map Data	500 Alabama 2901 Mariposa	3	Furn Whse	reinf conc	1922	Verified  Concrete (Y/N)? Y
	Field Data	540 Alabama					
6	Map Data	550 Alabama	2	Food Manufacturing	reinf conc A-1-a	1925	Verified  Concrete (Y/N)? Y
	Field Data						
7	Map Data	560 Alabama	2	Yarn whse	reinf conc wls flrs rf	1950	Verified  Concrete (Y/N)? Y
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 556      Location: Mariposa, Kansas      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 556

Location: Mariposa, Kansas

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1901-1945 17th Btwn Kansas, R.I.	1B	Truck sales, service	reinf conc frm 7" curt wls stl cols trusses	1925	No - new building is there now  Concrete (Y/N)? N
	Field Data				mtl rf		
2	Map Data	1801-1849 17th st btwn DeHaro, R.I.	2	Western Can	reinf conc wd rf on stl trusses		Verified  Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 557      Location: Mariposa & Carolina      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 4 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 4 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 557

Location: Mariposa & Carolina

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	495 DeHaro 1748 Mariposa	2,1	M, offs	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	501 DeHaro	4,3,2	Anchor Brewery	reinf conc flrs rf 6" conc curtain wls	1937	Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	1736-1796 18th 485-499 Carolina	1B	W., C.			Verified - however, concrete block
	Field Data				Concrete Block		Concrete (Y/N)? N
4	Map Data	Mariposa-18th St Wisconsin-Ark	3	Safeway Dist	Reinf conc frm flrs rf	1939, 1940	Can see form boards Retrofit
	Field Data			Live Oak School			Concrete (Y/N)? Y
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 574      Location: Iowa, 19th      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 574

Location: Iowa, 19th

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	800 19th @ Minn.	2	C&W	conc		Verified Not clear how old. Tiltup? Say OK Concrete (Y/N)? Y
	Field Data						
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 578      Location: Capp, 21st Street      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 11 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 578

Location: Capp, 21st Street

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2463 Mission	2	Tower Theatre	Stl Frm Reinf Conc		Verified (closed)
	Field Data						Concrete (Y/N)? Y
2	Map Data	3150 21st 580 Capp	8B	Rest Home	Conc.	1969	Verified
	Field Data	580 Capp					Concrete (Y/N)? Y
3	Map Data	3169-3161 21st	1,2	S,S	Reinf Conc Reinf C.B.		Verified
	Field Data	3171 21st	2	small			Concrete (Y/N)? Y
4	Map Data	3199 21st 2501 Mission	1B = 2B	Bank	Reinf conc & brick stl truss rf		Verified
	Field Data			Vanguard Properites			Concrete (Y/N)? Y
5	Map Data	2539-2541 Mission	1	Bank	Reinf conc frm & curtain walls		Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	2567 Mission	2M	Drugs	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	2583-2589 Mission	1(?)	S	Reinf conc frm & curtain walls		Verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 591      Location: Illinois, 19th      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 4 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 591

Location: Illinois, 19th

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	899 Illinois @ 20th	3B	office bldg	reinf conc	1917	Verified (looks abandoned)  Concrete (Y/N)? Y
	Field Data						
2	Map Data	460 20th	1B	Transfrmr and Compressor House	reinf conc		Verified (looks abandoned)  Concrete (Y/N)? Y
	Field Data						
3	Map Data	440(+/-) 20th	1		conc		looks too small on map to count? verified, but very small- do not count  Concrete (Y/N)? N
	Field Data						
4	Map Data	400 20th	1	Gateman's hse	reinf conc		looks too small on map to count? Verified - large enough to count  Concrete (Y/N)? Y
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 607      Location: Indiana, 23rd      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 607

Location: Indiana, 23rd

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	900-1050 23rd btwn Ind. & Tenn.	1	Warehouse	reinf conc pilastered steel cols, bms		Looks like tiltup - do not count  Concrete (Y/N)? N
	Field Data						
2	Map Data	40-99 Tubbs btwn Ind. & Tenn.	1=2	Muni Repair	Conc	1976	Verified  Concrete (Y/N)? Y
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 6      Map: 639      Location: 3rd, Marin      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 4 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 6

Map: 639

Location: 3rd, Marin

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	SE corner of Illinois, Chavez (Army)	2	2-C	C.B.		Do not count if concrete block This is a concrete block bldg
	Field Data						Concrete (Y/N)? N
2	Map Data	1590 Michigan	1	W	precast reinf conc pilastered wls mtl rf	1953	tiltup? tiltup - do not count
	Field Data				stl cols, trusses		Concrete (Y/N)? N
3	Map Data	955, 957 Chavez (Army)	1=2	2C, 3C	concrete		Verified
	Field Data						Concrete (Y/N)? Y
4	Map Data	1199 Chavez (Army)	1	M'd'se W. Ho.	precast reinf conc frm & curt. Wall		tiltup? tiltup - do not count
	Field Data				wd truss, cols		Concrete (Y/N)? N
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 7      Map: 697      Location: Market, Glendale

Verifier: RR & SK  
Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 7

Map: 697

Location: Market, Glendale

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	445 Burnett	1 and 2	School	Reinf Conc	1953	Verified  Concrete (Y/N)? Y
	Field Data			Roof Top Sch			
2	Map Data	3520 - 3580 Market behind main bldgs	B				Do not count - basement  Concrete (Y/N)? N
	Field Data						
3	Map Data	200 Romain	1B, 2	Residence	Tile R-2		Do not count - tile  Concrete (Y/N)? N
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 7 Map: 728

Location: Portola, Burnett

Verifier: RR & SK

Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
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- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

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### Concrete Coalition Field Verification / Survey

Volume: 7

Map: 728

Location: Portola, Burnett

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	850, 854 Burnett	1-Jan	Carport	Concr		Do not count - small garage
	Field Data						Concrete (Y/N)? N
2	Map Data	Glenview Drive behind 825 Burnett	B	Carport	FP concr		Do not count - small garage
	Field Data						Concrete (Y/N)? N
3	Map Data	208 Portola Drive	1	Auto service garage	reinf conc block pilastered		Demolished
	Field Data						Concrete (Y/N)? N
4	Map Data	800 Clipper Terrace	1	Residence	Brick façade at lower level		Do not count - brick
	Field Data						Concrete (Y/N)? N
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?



## Concrete Coalition Field Verification / Survey

Volume: 7      Map: 736      Location: 26th Street & Dolores      Verifier: RR & SK  
Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

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### Concrete Coalition Field Verification / Survey

Volume: 7

Map: 736

Location: 26th Street & Dolores

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	3872 26th St.	1 to 5	Fire Sta Engine 15	reinf con walls, flrs, rf, beams	1957	Verified  Concrete (Y/N)? Y
	Field Data						
2	Map Data	Btwm 1272 & 1266 Dolores	1	A	reinf conr		Do not count - small garage  Concrete (Y/N)? N
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 7      Map: 738      Location: 26th Street & Valencia      Verifier: RR & SK  
Date: 8/27/2009

### Total Number of Concrete Buildings:

- (1) 3 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 7 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

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### Concrete Coalition Field Verification / Survey

Volume: 7

Map: 738

Location: 26th Street & Valencia

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	3600 Chavez	1	Truck Loading Prkg on rf	A-1-a concrete	1968	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	3550-3530 Chavez	3B=4	Mens Svc Cntr Salvation Army	Reinf conc pilasters stl cols and beams		Verified Can see concrete structure
	Field Data						Concrete (Y/N)? Y
3	Map Data	1500 Valencia	11B	St. Lukes Hosp	Concrete Br Frame	1969	Verified Concrete with brick infill
	Field Data						Concrete (Y/N)? Y
4	Map Data	1540 Valencia	4	St. Lukes Hosp	Reinf conc frm flrs rf 10" curtain walls	1956	Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	1598 Tiffany	7B	Med office bldg	conc	1975	Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	599 San Jose	3B	Prkg garage	conc	1975	Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data	551 San Jose	2B	Service Bldgs	conc		Verified
	Field Data						Concrete (Y/N)? Y

## Concrete Coalition Field Verification / Survey

Volume: 7      Map: 751      Location: 29th Street, Noe      Verifier: RR & SK  
Date: 7/16/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 7

Map: 751

Location: 29th Street, Noe

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1670 Noe	3B, 3	Kate Kennedy Primary Sch	reinf conc, framing inside central bldg	1911	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 8      Map: 795      Location: Cortland,Moultrie      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 8

Map: 795

Location: Cortland, Moultrie

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	520 Cortland	1B	SF Library	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	730 Cortland	1B=2B	St Kevins Ch	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 8      Map: 799      Location: Cortland, Nebraska      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 8

Map: 799

Location: Cortland, Nebraska

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1501 Cortland	1	Office Rutherford and Hood	reinf conc frm and curtain walls		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	1601 Cortland	1M	M	reinf conc		Verified
	Field Data			A. Ruiz Construction			Concrete (Y/N)? Y
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 8      Map: 800      Location: Tompkins, Putnam      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 8

Map: 800

Location: Tompkins, Putnam

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	100 Allemany	1	Market Stalls Farmers Market	reinf conc		Verified This is a cantilevered concrete canopy Looks sturdy, definitely concrete
	Field Data						Concrete (Y/N)? Y
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 8      Map: 818      Location: Phelps, Jerrold      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 6 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
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### Concrete Coalition Field Verification / Survey

Volume: 8

Map: 818

Location: Phelps, Jerrold

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1685 Hudson	1	C	Reinf Conc precast wood truss		If tilt-up, do not count Looks like tilt-up walls, but has a wood truss roof. Say tilt-up Concrete (Y/N)? N
	Field Data						
2	Map Data	1675 Hudson	1	W	Reinf Conc precast wood truss		If tilt-up, do not count Looks like tilt-up walls, but has a wood truss roof. Say tilt-up Concrete (Y/N)? N
	Field Data						
3	Map Data	1665 Hudson	1	C	Reinf Conc precast wood truss		If tilt-up, do not count Looks like tilt-up walls, but has a wood truss roof. Say tilt-up Concrete (Y/N)? N
	Field Data						
4	Map Data	1700 Jerrold	2	Admin Bldg	reinf conc flrs wls rf	1950	Verified  Concrete (Y/N)? Y
	Field Data						
5	Map Data	North Digester Control House	1B	Sewage Treatment Plant	reinf conc flrs wls rf	1951	Verified  Concrete (Y/N)? Y
	Field Data						
6	Map Data	South Digester Control House	1B	Sewage Treatment Plant	reinf conc flrs wls rf	1951	Verified  Concrete (Y/N)? Y
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 8      Map: 826      Location: Selby, Revere      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 8

Map: 826

Location: Selby, Revere

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2103 Revere	2,1	Fremont Sch	reinf conc wls flrs	1954	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	Back of Philip Burton H.S.	1=2	Gym Locker Rooms	reinf conc wls flrs	1958	Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 9      Map: 953      Location: Sargent, Head      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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### Concrete Coalition Field Verification / Survey

Volume: 9

Map: 953

Location: Sargent, Head

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	348 Sargent	1	Jose Ortega H.S.	Reinf conc wls flrs rf	1953	Verified (can only see from a distance)
	Field Data						Concrete (Y/N)? Y
2	Map Data	348 Sargent	1	Jose Ortega H.S.	Reinf conc wls flrs rf	1953	Verified (can only see from a distance)
	Field Data						Concrete (Y/N)? Y
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 9      Map: 975      Location: Geneva, Delano      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
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### Concrete Coalition Field Verification / Survey

Volume: 9

Map: 975

Location: Geneva, Delano

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2377 San Jose Av	1	Turko-Persian rug cleaning	reinf conc curtain wl wood truss rf		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	501 Geneva	1	S, Rest	R.C.B. Pilastered		If C.B. Don't count Verified - could be C.B.
	Field Data	2275 San Jose					Concrete (Y/N)? N
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 9      Map: 976      Location: Ostego, Oneida      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 6 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 6 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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### Concrete Coalition Field Verification / Survey

Volume: 9

Map: 976

Location: Ostego, Oneida

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2153 San Jose	1	Cafeteria San Miguel Sch	reinf conc wls flrs rfs	1953	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	301 Oneida	2B	Class Rms San Miguel Sch	Conc	1953	Verified Being retrofit
	Field Data						Concrete (Y/N)? Y
3	Map Data	275 Oneida	1	Auditorium Denman Middle Sch	C.B.	1961	Don't count if C.B. Verified - C.B.
	Field Data						Concrete (Y/N)? N
4	Map Data	241 Oneida	3B	Main Building Denman Middle Sch	reinf conc wls flrs rfs	1940	Verified
	Field Data						Concrete (Y/N)? Y
5	Map Data	Ostego & Oneida	1B=2	Gym Denman Middle Sch	reinf conc Steel truss roof	1940	Verified
	Field Data						Concrete (Y/N)? Y
6	Map Data	401 Ostego	2=4	Auditorium Balboa H.S.	Stl frm 6" conc curtain wls	1931	Verified
	Field Data						Concrete (Y/N)? Y
7	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 9      Map: 986      Location: Amazon, Paris      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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### Concrete Coalition Field Verification / Survey

Volume: 9

Map: 986

Location: Amazon, Paris

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	5051 Mission	2	Sons of Italy Lodge	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	955 Geneva at London	2	C, C	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data	965 Geneva	1	Apollo Theater	Stl Frm Reinf Conc		Verified
	Field Data						Concrete (Y/N)? Y
4	Map Data						
	Field Data						Concrete (Y/N)?
5	Map Data						
	Field Data						Concrete (Y/N)?
6	Map Data						
	Field Data						Concrete (Y/N)?
7	Map Data						
	Field Data						Concrete (Y/N)?



## Concrete Coalition Field Verification / Survey

Volume: 9      Map: 1012      Location: Chicago, South Hill      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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## Concrete Coalition Field Verification / Survey

Volume: 10      Map: 1031      Location: Irving & 16th Ave      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
- 5) Often it will not be possible to verify in the field that the structural system is concrete, even though the Sanborn map shows it as such. If this is the case, and the system is not obviously something else, count the building as being concrete.
- 6) Sometimes the construction date of the building is given on the Sanborn map, particularly for recent buildings. If the date is after 1980, do not count it.
- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 10

Map: 1031

Location: Irving & 16th Ave

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1755 Irving	2	Jefferson School	F.P. Reinf conc	1962	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	16th Ave & Lincoln	6B	35 appts.	reinf conc 6" walls		Verified
	Field Data	150 Lincoln Way					Concrete (Y/N)? Y
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 10      Map: 1056      Location: Santiago, 18th      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
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- 7) There is a type of building that was popular in SF during the 1920's and 1930's, usually six to ten stories high, and designated in the maps as "steel frame, reinforced concrete curtain walls". We have been counting these buildings as concrete, so continue to do so. We may remove them at a later date.

### Concrete Coalition Field Verification / Survey

Volume: 10

Map: 1056

Location: Santiago, 18th

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2350 19th Ave	1	SF City Garage	reinf conc flrs	1938	?concrete superstructure? Can not see clearly
	Field Data						Appears very minor concrete Concrete (Y/N)? N
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						
	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 10      Map: 1068      Location: Vicente, 18th      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 2 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
- 2) The address is shown on the Sanborn map. This is sometimes ambiguous or incorrect, and should be corrected in the field. The same is true for the number of stories and the occupancy.
- 3) In the "Structural System" column, enter all the information given on the Sanborn map including designations such as "A-1-a" (which in this case means a concrete frame - see the legend at the beginning of each volume for a full explanation).
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### Concrete Coalition Field Verification / Survey

Volume: 10

Map: 1068

Location: Vicente, 18th

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	650 Vicente	2B	St. Cecilia's School	reinf conc walls, flrs		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	600 Vicente	1B = 2B	St. Cecilia's Church	reinf conc walls, flrs rfs.	1954	Verified
	Field Data						Concrete (Y/N)? Y
3	Map Data						
	Field Data						Concrete (Y/N)?
	Map Data						
	Field Data						Concrete (Y/N)?
	Map Data						
	Field Data						Concrete (Y/N)?
	Map Data						
	Field Data						Concrete (Y/N)?



## Concrete Coalition Field Verification / Survey

Volume: 10      Map: 1069      Location: Ulloa & 15 Ave      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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## Concrete Coalition Field Verification / Survey

Volume: 10      Map: 1072      Location: Taraval, Wawona      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 3 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 3 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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- 4) In general, concrete buildings are shown in blue in the Sanborn maps. However, some buildings shown in orange are also concrete. Orange buildings should be considered to be concrete if they are so designated (e.g., "concr frm"). If you suspect that an orange building is concrete, but it has no description, make a note of it and check in the field. If the walkdown can identify it as concrete, then include it in the count. Otherwise, disregard.
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### Concrete Coalition Field Verification / Survey

Volume: 10

Map: 1072

Location: Taraval, Wawona

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1 Taraval at Claremont	2	West Portal Sch	reinf conc		Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data	111 Lenox Way	1	Recreation Bldg	C.B.		Don't count if C.B. Looks like C.B.
	Field Data						Concrete (Y/N)? N
3	Map Data	900 Ulloa at Lenox	1B	Library	reinf conc walls flrs rf	1938	Verified
	Field Data						Concrete (Y/N)? Y
	Map Data						
	Field Data						Concrete (Y/N)?
	Map Data						
	Field Data						Concrete (Y/N)?
	Map Data						
	Field Data						Concrete (Y/N)?

## Concrete Coalition Field Verification / Survey

Volume: 11      Map: 1164      Location: Moraga & 44th Ave.      Verifier: SK  
Date: 6/8/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 11

Map: 1164

Location: Moraga & 44th Ave.

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1799 44 avenue	1	Noriega Home Sch	reinf conc walls flrs roof	1950	Verified
	Field Data						Concrete (Y/N)? Y
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 11      Map: 1199      Location: 19th Ave & Ortega      Verifier: SK  
Date: 6/8/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 11

Map: 1199

Location: 19th Ave & Ortega

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	1943 19th avenue	1=2	SF Conservatory of Music	conc	1929 1975	Verified
	Field Data			Lycee Francais			Concrete (Y/N)? Y
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						



## Concrete Coalition Field Verification / Survey

Volume: 11      Map: 1228      Location: Vicente & 39th Ave      Verifier: SK  
Date: 6/7/2009

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 11

Map: 1228

Location: Vicente & 39th Ave

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	2801-2849 Vicente	1	S	Reinf Conc Frm C.B. curtain walls		Verified Assume that this is an infill situation Therefore, count it. Concrete (Y/N)? y
	Field Data			Sunset Super[market]			
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 11      Map: 1250      Location: 23rd Ave & Sloat      Verifier: SK  
Date: 6/7/2009

### Total Number of Concrete Buildings:

- (1) 1 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 1 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

- 1) For each building there are two data lines. The top line is for the information taken from the Sanborn map. The bottom line is for the information gathered during the field walk-down.
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### Concrete Coalition Field Verification / Survey

Volume: 11

Map: 1250

Location: 23rd Ave & Sloat

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	645 Sloat	1=2	Central Pump Sta.	Reinf Conc Steel truss rf		Verified
	Field Data			SF Water Dept.			Concrete (Y/N)?
2	Map Data						Concrete (Y/N)?
	Field Data						
3	Map Data						Concrete (Y/N)?
	Field Data						
4	Map Data						Concrete (Y/N)?
	Field Data						
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						

## Concrete Coalition Field Verification / Survey

Volume: 11      Map: 1252      Location: 19th Ave & Winston      Verifier: SK  
Date:

### Total Number of Concrete Buildings:

- (1) 2 Total number of concrete buildings, as determined by the initial Sanborn Map survey
- (2) 4 Total number of concrete buildings, as determined by the second Sanborn Map survey, done by the verifier
- (3)  Total number of concrete buildings, as determined by the verifier, based on the map survey and the field survey

### Notes:

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### Concrete Coalition Field Verification / Survey

Volume: 11

Map: 1252

Location: 19th Ave & Winston

Sequence:		Address:	Floors:	Occupancy:	Structural System:	Year:	Comments:
1	Map Data	601 Eucalyptus	1	St. Stephen's Church	Reinf Conc	1963	Verified  Concrete (Y/N)? Y
	Field Data	451 Eucalyptus					
2	Map Data	301 Eucalyptus	1B	YMCA	Reinf Conc Blk		Verified C.B. do not count  Concrete (Y/N)? N
	Field Data	333 Eucalyptus					
3	Map Data	245 Winston	1B	Stonestown Mall Central Section	reinf conc		No: has been replaced by the new Galleria  Concrete (Y/N)? Y
	Field Data						
4	Map Data	295 Winston	4	Parking Structure			Verified  Concrete (Y/N)? Y
	Field Data		6		prestressed conc		
5	Map Data						Concrete (Y/N)?
	Field Data						
6	Map Data						Concrete (Y/N)?
	Field Data						
7	Map Data						Concrete (Y/N)?
	Field Data						