

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1	11.062	11th Street East	Alexander	State mon.	
2	11.425	11th Street East	Alexander	R/R spk in p.pole #186008, 110' NW of c.line E. 11th on NE side of Alexander	
3	10.980	11th Street East	Anchor Pole	R/R spk in anchor pole opp. p.pole #174013	
4	12.527	11th Street East	Blair Waterway	X on steel base plate on SW leg of light tower W. end of Blair Bridge	
5	12.464	11th Street East	Blair Waterway	X on steel base plate on SE leg of light tower at end of Blair Bridge	
6	11.620	11th Street East	E. 1130 Dock	Brass mon. by Coast Iron & Machine Works	
7	11.420	11th Street East	E. 1150 Dock	Brass mon. by Steam Plant #1	
8	11.604	11th Street East	E. Dock	Brass mon.	
9	12.236	11th Street East	E. Dock	R/R spk in p.pole #52	
10	17.020	11th Street East	Hylebos Bridge	X on conc. wing wall S. side W. approach to bridge by Hart Const office	
11	16.771	11th Street East	Hylebos Bridge	X on conc. wing wall N. side E. approach to bridge	
12	12.089	11th Street East	Hylebos Bridge	R/R spk in a power pole on the West end of the Hylebos Waterway Bridge on the North side of East 11th Street	
13	11.810	11th Street East	Milwaukee Way	Surface brass mon. under bridge	
14	10.018	11th Street East	Pole #165036	R/R spk in p.pole S. side road, St.Rogs. Shed #7	
15	10.937	11th Street East	Port of Tacoma	Brass mon.	
16	11.194	11th Street East	Port of Tacoma	R/R spk in p.pole SE cor.	
17	14.298	11th Street East	Portland	Brass mon.	
18	10.491	11th Street East	Power Pole	R/R spk in p.pole opp. orn. light #36	
19	12.896	11th Street East	St. Paul	Brass mon.	
20	10.146	11th Street East	St. Paul	R/R spk in orn. light pole #165031 100' E. middle of waterway, S. side of street	
21	11.154	11th Street East	Thorne Road	Mon. (State)	
22	11.094	11th Street East	Thorne Road	R/R spk in p.pole SE cor.	
23	377.108	11th Street North	Adams St.	Brass in casting	
24	369.031	11th Street North	Add. Mon. 336" +/- W. of Lawrence	Brass in casting	
25	340.031	11th Street North	Alder St.	Copper in mon.	
26	340.526	11th Street North	Anderson St.	Surface brass mon.	
27	332.896	11th Street North	Cedar St.	Surface brass mon.	
28	373.737	11th Street North	Cheyenne St.	Brass in casting	
29	378.693	11th Street North	Ferdinand St.	Brass in casting	
30	353.651	11th Street North	Fife St.	Surface brass mon.	
31	377.215	11th Street North	Highland St.	Brass in casting	

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Benchmark	Elevation	Location	Cross Street	Description	Date
32	372.343	11th Street North	Huson St.	Brass in casting	
33	272.479	11th Street North	Jackson Ave.	Surface brass mon. opposite 1140 Jackson	12/3/1999
34	336.515	11th Street North	Junett St.	X on NE cor. of conc. base for light std. NW cor.	
35	354.590	11th Street North	Lawrence St.	Copper in mon.	
36	352.558	11th Street North	Madison St.	Surface brass mon.	
37	372.159	11th Street North	Mason Ave.	Westerly surface brass mon.	
38	356.654	11th Street North	Monroe St.	X in bot. conc. step SE cor. house #4020 N. 11th	
39	373.057	11th Street North	Mullen St.	Brass in casting	
40	339.617	11th Street North	Oakes St.	Copper in mon.	
41	352.947	11th Street North	Orchard St.	Westerly brass in casting	
42	355.200	11th Street North	Pearl St.	Surface brass mon.	
43	340.325	11th Street North	Pine St.	X on NE cor. of bot. conc. step house #1018 N. Pin	
44	360.238	11th Street North	Proctor St.	Surface brass mon.	
45	357.557	11th Street North	Prospect St.	Brass in casting	
46	369.236	11th Street North	Shirley St.	Brass in casting	
47	362.068	11th Street North	Steele St.	Surface brass mon.	
48	370.707	11th Street North	Stevens St.	Surface brass mon.	
49	186.482	11th Street North	Tacoma Ave.	X in conc. base light std. NE cor.	
50	366.595	11th Street North	Tyler St.	Surface brass mon.	
51	371.313	11th Street North	Union Ave.	Brass in casting	
52	377.335	11th Street North	Verde St.	Brass in casting	
53	375.531	11th Street North	Washington St.	Surface brass mon.	
54	166.940	11th Street South	Market	Surface brass mon.	
55	281.929	12th St NW		RR spk in p. pole with light A, 33, S82, E4, S16, W1	
56	79.926	12th Street South	A St.	Copper in mon.	
57	371.270	12th Street South	Adams St.	Surface brass mon. S.	
58	370.647	12th Street South	Adams St.	Surface brass mon. N.	
59	378.767	12th Street South	Ainsworth	Copper in mon.	
60	361.989	12th Street South	Alder St.	Surface brass mon.	
61	376.713	12th Street South	Anderson St.	Surface brass mon.	
62	298.090	12th Street South	Aurora	R/R spk in p.pole #067026 SW cor.	
63	299.470	12th Street South	Baltimore St.	Surface brass mon.	
64	320.998	12th Street South	Bantz Blvd.	Copper in mon. (Wash. Hiway mon.)	
65	297.235	12th Street South	Bennett St.	Brass mon.	
66	358.684	12th Street South	Cedar St.	Surface brass mon.	
67	346.167	12th Street South	Cheyenne St.	Brass mon. to 80' W. of Verde to N.	
68	369.264	12th Street South	Cushman Ave.	Copper in mon.	
69	323.327	12th Street South	Fairview Dr.	R/R spk in p.pole #067027 s. side of street	

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Benchmark	Elevation	Location	Cross Street	Description	Date
70	267.103	12th Street South	Fernside Dr.	R/R spk in p.pole #067025 SW cor.	
71	363.690	12th Street South	Ferry St.	Surface brass mon.	
72	382.527	12th Street South	Fife St.	Surface brass mon. N.	
73	353.049	12th Street South	Geiger St. N.	Brass mon.	
74	329.936	12th Street South	Gove St.	Brass mon.	
75	386.588	12th Street South	Grant Ave.	Hi lead in mon.	
76	308.098	12th Street South	Highland Ave.	Brass mon.	
77	355.232	12th Street South	Howard St.	Brass mon.	
78	357.794	12th Street South	Howard St.	X in Se cor. conc. step #1048 S. Howard	
79	334.769	12th Street South	Huson St.	Brass mon.	
80	325.544	12th Street South	I St.	Hi lead in mon.	
81	338.776	12th Street South	J St.	Copper in mon.	
82	335.671	12th Street South	Jackson Ave.	Brass mon.	
83	336.098	12th Street South	Jackson Ave.	X on SE cor. porch slab #976 Jackson	
84	374.575	12th Street South	Junett St.	Surface brass mon.	
85	351.049	12th Street South	K St.	W. edge of collar on mon.	
86	251.197	12th Street South	Karl Johan	R/R spk in p.pole #067024 SW cor.	
87	353.411	12th Street South	L St.	Hi lead in mon.	
88	371.616	12th Street South	Lawrence St.	Surface brass mon.	
89	172.139	12th Street South	Linden Lane	R/R spk in light pole NW cor.	
90	168.449	12th Street South	Linden Lane (430' N. of S. 12th & Linden Lane)	R/R spk in p.pole W side of street	
91	200.453	12th Street South	Locust Lane	R/R spk in p.pole #067012 S. side of street	
92	354.651	12th Street South	M St.	Copper in mon.	
93	381.307	12th Street South	Madison St.	Brass mon. E.	
94	410.232	12th Street South	Mason St.	Brass mon.	
95	358.262	12th Street South	McArthur St.	Brass mon.	
96	359.741	12th Street South	McArthur St.	X in SE cor. top conc. step #1048 S. McArthur	
97	358.261	12th Street South	Meyers St.	Brass mon.	
98	359.526	12th Street South	Mildred St.	Surface brass mon.	
99	399.987	12th Street South	Monroe St.	Brass mon. E.	
100	331.819	12th Street South	Moorlands Dr.	Brass mon.	
101	213.768	12th Street South	Mt. View Ave.	R/R spk in p.pole #067013 SW cor.	
102	324.589	12th Street South	Mullen St.	Brass mon.	
103	377.865	12th Street South	Oakes St.	Surface brass mon. N.	
104	377.115	12th Street South	Oakes St.	Surface brass mon. S.	
105	331.689	12th Street South	Orchard St.	Brass mon. in casting	

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106	79.286	12th Street South	Pacific Ave.	Brass mon.	
107	324.995	12th Street South	Pearl St.	Brass mon.	
108	375.939	12th Street South	Pine St.	Surface brass mon.	
109	372.711	12th Street South	Proctor St.	Brass mon. E.	
110	371.069	12th Street South	Prospect St.	Surface brass mon. S.	
111	377.680	12th Street South	Prospect St.	Surface brass mon. N.	
112	364.426	12th Street South	Puget Sound	Surface brass mon.	
113	376.716	12th Street South	Ridgewood Ave.	Copper in mon.	
114	364.888	12th Street South	Rochester St.	X in SE cor. conc. step #1047 S. Rochester	
115	366.480	12th Street South	Sheridan Ave.	Hi lead in mon.	
116	366.049	12th Street South	Sprague St.	Surface brass mon.	
117	363.242	12th Street South	State St.	Surface brass mon.	
118	364.974	12th Street South	Steele St.	Surface brass mon.	
119	389.874	12th Street South	Stevens St.	Brass mon. S.	
120	382.876	12th Street South	Stevens St.	Brass mon. N.	
121	380.023	12th Street South	Sub-Div. Mon. Bet Fife & Oakes	Surface brass mon.	
122	241.082	12th Street South	Tacoma Ave.	X in NW cor. conc. base light std. on SW cor.	
123	362.692	12th Street South	Trafton St.	Surface brass mon.	
124	413.204	12th Street South	Tyler St.	Brass mon. S.	
125	414.150	12th Street South	Tyler St.	Brass mon. N.	
126	362.702	12th Street South	Union Ave.	Surface brass mon.	
127	335.765	12th Street South	Vassault St.	Brass mon.	
128	226.996	12th Street South	Ventura Dr.	R/R spk in p.pole #067023 SW cor.	
129	365.578	12th Street South	Verde St.	Brass mon. S.	
130	351.085	12th Street South	Verde St.	Brass mon. N.	
131	308.655	12th Street South	Villard St.	Surface brass mon.	
132	372.834	12th Street South	Warner St.	Surface brass mon.	
133	374.331	12th Street South	Washington St.	Surface brass mon. S.	
134	374.009	12th Street South	Washington St.	Surface brass mon. N.	
135	337.353	12th Street South	Whitman St.	Brass mon.	
136	322.501	12th Street South	Woodlawn	Surface brass mon.	
137	300.202	12th Street South	Yakima Ave.	Brass mon.	
138	347.536	13th Street North	Bridgeview	Brass mon.	
139	297.380	13th Street North	Harmon	Brass mon.	
140	364.124	13th Street North	Heatherwood E.	Brass mon.	
141	337.710	13th Street North	Heatherwood W.	Brass mon.	
142	273.381	13th Street North	Jackson Ave.	Surface brass mon.	12/3/1999

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143	306.641	13th Street North	James	Brass mon.	
144	336.631	13th Street North	Lawrence St.	Copper in mon.	
145	273.489	13th Street North	Narrows Dr.	Spk in pole #1301 NE cor.	
146	364.042	13th Street North	Orchard St.	R/R spk in pole NE cor.	
147	352.164	13th Street North	Proctor St.	Brass mon.	
148	369.400	13th Street North	Skyline Dr.	Brass mon.	
149	378.539	13th Street North	Stevens St.	Brass mon.	
150	367.328	13th Street North	Union Ave.	Brass in casting	
151	266.268	13th Street North	Yakima Ave.	Hi lead in mon.	
152	149.941	13th Street South	Market	Surface brass mon.	
153	304.430	13th Street South	Winnifred	Surface brass mon.	
154	376.764	14st Street North	Woodlawn	R/R spk in p.pole #041022 S. side of street	
155	368.553	14th Street North	Baltimore	Brass in casting	
156	367.760	14th Street North	Bennett	R/R spk in p.pole #041030 S. side of street	
157	378.732	14th Street North	Highland	Brass in casting	
158	366.466	14th Street North	Orchard	Brass in casting W.	
159	387.502	14th Street North	Pearl	Surface brass mon.	
160	361.047	14th Street North	Shirley	X in SW cor. conc. base light std. #041007 NE cor.	
161	365.253	14th Street North	Villard	Brass in casting	
162	379.961	14th Street North	Winnifred	R/R spk in p.pole #041026 S. side of street	
163	341.131	14th Street South	Moorlands	Brass in casting	
164	353.628	14th Street South	Moorlands	R/R spk in p.pole #063010 in front house #1264	
165	40.498	15th Street East	A St.	X on NW cor. of steel base of R/R signal S. side of 15th & A St	
166	12.757	15th Street East	E. 1543 Dock St	R/R spk in p.pole #20 by Scofield office bldg.	
167	15.062	15th Street East	E. D St.	Brass mon. by Martinac	
168	11.806	15th Street East	E. Dock	Brass mon. N.	
169	16.016	15th Street East	E. E St.	X in NW cor. conc. base of sig. box at N.P.R.R. cross approx 500' E. of E. D St	
170	11.497	15th Street East	E. F St.	R/R spk in p.pole W. side	
171	9.579	15th Street East	P.C. Mon.	Brass mon. by #630 E. 15th	
172	10.788	15th Street East	Portland Ave.	Brass P.C.H.C. mon. near St. Regis log scale & 68' S. of orn. Light #18/1	
173	9.148	15th Street East	St. Paul Ave.	Brass mon.	
174	369.201	15th Street North	Adams	Spk in p.pole #036096 SW corner	
175	326.191	15th Street North	Anderson	Surface brass mon.	
176	323.813	15th Street North	Cedar	Surface brass mon.	
177	374.535	15th Street North	Cheyenne	Brass in casting	

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Benchmark	Elevation	Location	Cross Street	Description	Date
178	388.802	15th Street North	Ferdinand	Brass in casting	
179	324.134	15th Street North	Fife	Surface brass mon.	
180	394.278	15th Street North	Huson	Brass in casting	
181	290.992	15th Street North	Jackson Avenue	X on SW cor. bot. step house #1501 N. Jackson	12/3/1999
182	288.864	15th Street North	Jackson Avenue	Surface brass mon.	12/3/1999
183	295.132	15th Street North	Jackson Avenue	NE bolt orn.light opposite 1516 Jackson	12/3/1999
184	318.522	15th Street North	Junett	Surface brass mon.	
185	333.938	15th Street North	Lawrence	Hi lead in mon.	
186	351.818	15th Street North	Madison	Brass in casting	
187	375.399	15th Street North	Mason	R/R spk in p.pole #039118 NE cor.	
188	347.705	15th Street North	Monroe	Brass in casting	
189	373.852	15th Street North	Mullen	Brass in casting	
190	318.947	15th Street North	Oakes	Surface brass mon.	
191	372.638	15th Street North	Orchard	Spk. in p.pole #040105 NE cor.	
192	324.892	15th Street North	Pine	Surface brass mon.	
193	353.231	15th Street North	Proctor	Surface brass mon.	
194	330.218	15th Street North	Prospect	Surface brass mon.	
195	380.756	15th Street North	Stevens	Surface brass mon.	
196	363.576	15th Street North	Tyler	R/R spk in p.pole #039008 NE cor.	
197	363.750	15th Street North	Union Ave.	Brass in casting	
198	375.499	15th Street North	Verde	Brass in casting	
199	365.488	15th Street North	Washington	R/R spk in p.pole #039095 SE cor.	
200	380.526	15th Street South	Ainsworth Ave.	Brass mon.	
201	376.668	15th Street South	Anderson St.	Brass mon.	
202	93.411	15th Street South	Broadway	Surface brass mon.	
203	347.264	15th Street South	Cedar St.	Brass mon.	
204	76.330	15th Street South	Commerce St.	Surface brass mon.	
205	369.240	15th Street South	Cushman Ave.	Brass mon.	
206	179.868	15th Street South	Fawcett Ave.	X on NE cor. conc. base of strain pole SE cor.	
207	391.295	15th Street South	Fife St.	Brass mon.	
208	387.568	15th Street South	Grant Ave.	Brass mon. NE	
209	381.394	15th Street South	House #1712	Plat brass mon.	
210	332.167	15th Street South	I St.	Brass mon.	
211	350.202	15th Street South	J St.	Brass mon.	
212	338.095	15th Street South	Jackson Ave.	Brass mon. E.	
213	365.564	15th Street South	Junett St.	Brass mon.	
214	357.651	15th Street South	K St.	Brass mon.	
215	358.443	15th Street South	L St.	Brass mon.	

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216	360.862	15th Street South	M St.	Brass mon.	
217	136.641	15th Street South	Market St.	Surface brass mon.	
218	222.935	15th Street South	Mt. View Ave.	R/R spk in p.pole #1524	
219	378.405	15th Street South	Oakes St.	Brass mon.	
220	59.640	15th Street South	Pacific Ave.	Brass mon.	
221	307.086	15th Street South	Pearl St.	Brass mon.	
222	375.289	15th Street South	Pine St.	Brass mon.	
223	353.448	15th Street South	Proctor St.	Brass mon.	
224	382.184	15th Street South	Prospect St.	Brass mon. approx. 150' E. of Prospect St.	
225	387.046	15th Street South	Prospect St.	Brass mon.	
226	376.597	15th Street South	Ridgewood Ave.	Brass mon.	
227	363.179	15th Street South	Sheridan Ave.	Brass mon.	
228	361.169	15th Street South	Sprague Ave.	Brass mon.	
229	361.900	15th Street South	State St.	Brass mon. 250' E. of State front of house #2032	
230	362.310	15th Street South	State St.	Brass mon.	
231	223.871	15th Street South	Tacoma Ave.	X on top of NW cor. of steel plate NE cor.	
232	370.765	15th Street South	Trafton St.	Brass mon.	
233	361.933	15th Street South	Union Ave.	Brass mon. E.	
234	289.135	15th Street South	Winnifred	Surface bras mon.	
235	302.601	15th Street South	Yakima Ave.	Brass mon.	
236	353.180	16th Street South	Ferdinand	Brass in casting	
237	353.387	16th Street South	Firlands Dr.	Brass in casting	
238	357.897	16th Street South	Moorlands	Brass in casting	
239	362.054	16th Street South	Mullen	Brass in casting E. mon.	
240	290.443	16th Street South	Winnifred	Surface brass mon.	
241	347.558	17th Street North	Bridgeview Dr.	Brass mon. W.	
242	276.221	17th Street North	Cascade St.	Brass mon.	
243	233.642	17th Street North	Fir St.	Brass mon.	
244	308.947	17th Street North	Jackson Ave	Brass mon. in case	12/3/1999
245	304.266	17th Street North	Jackson Ave	Spk in p.pole #1527 E. side of road	
246	195.449	17th Street North	Juniper St.	Brass mon. W.	
247	315.465	17th Street North	N. Anderson	Copper in mon.	
248	299.764	17th Street North	N. Oakes St.	Copper in mon.	
249	311.899	17th Street North	Narrows Dr.	X in N. end conc. porch #1701 Narrows Dr.	
250	312.768	17th Street North	Narrows Dr.	Surface brass mon. (south)	12/3/1999
251	312.223	17th Street North	Narrows Dr.	Surface brass mon. (East)	12/3/1999
252	327.717	17th Street North	Steele St.	Brass mon.	
253	125.704	17th Street South	Market	Copper in mon.	

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254	354.670	17th Street South	Mullen	R/R spk. in p.pole #063019 front of house #1632	
255	12.895	18th Street East	Dock St.	R/R spk in p.pole #15 E. side of Dock St. in front of 1801 Dock St	
256	12.368	18th Street East	Taylor Way	R/R spk in p.pole #1761 near Western Farmers Assn.	
257	10.703	18th Street East	Taylor Way	Brass P.I. mon. at S. end Western Farmers bldg. 6' E. of R/R tracks	
258	341.529	18th Street South	Mullen	Brass in casting	
259	298.919	18th Street South	Winnifred	Surface brass mon.	
260	391.922	19th Street NE	6815 NE 19th	Boat spk in p. pole @ 6815 NE 19th Street	
261	420.170	19th Street NE	NE 65th Ave	SBM	
262	389.231	19th Street NE	NE 67th PLC	R/R spk in P. pole NE corner of intersection	
263	387.120	19th Street NE	NE 68th Ave	Brass pin in conc.	
264	300.515	19th Street South	64th Ave. W.	Surface brass mon.	
265	382.978	19th Street South	Adams St.	Brass mon. N.	
266	374.417	19th Street South	Ainsworth Ave.	Brass mon.	
267	298.160	19th Street South	Alameda St.	Brass mon.	
268	362.937	19th Street South	Anderson St.	Brass mon.	
269	374.671	19th Street South	Ash St.	Brass mon.	
270	299.589	19th Street South	Bantz Blvd.	X on traffic island SW cor.	
271	293.861	19th Street South	Bennett	Brass mon.	
272	125.763	19th Street South	Brookside Ter.	R/R spk in p.pole NW cor.	
273	366.633	19th Street South	Cascade Pl.	Brass mon.	
274	340.053	19th Street South	Cedar St.	Brass mon. W.	
275	324.949	19th Street South	Cheyenne St.	Brass mon.	
276	297.346	19th Street South	Columbia (Fircrest)	Brass mon.	
277	364.382	19th Street South	Cushman Ave.	Brass mon.	
278	364.950	19th Street South	Durango St.	Brass mon.	
279	165.122	19th Street South	Fawcett Ave.	Brass mon.	
280	290.094	19th Street South	Fernside Dr.	Brass mon.	
281	373.472	19th Street South	Fife St.	Brass mon.	
282	302.545	19th Street South	Fircrest	Brass mon. near W.P.L. of Fircrest Methodist Church centerline S. 19th	
283	264.145	19th Street South	G St.	Brass mon.	
284	352.584	19th Street South	Geiger St.	Brass mon.	
285	338.232	19th Street South	Gove St.	Brass mon.	
286	105.991	19th Street South	Grandview Dr.	X in SW cor. bot. conc. step #8421	
287	296.825	19th Street South	Highland	Brass mon.	
288	355.296	19th Street South	Hosmer St.	Brass mon.	



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289	127.105	19th Street South	House #8214	X in NE cor. bot. conc. step	
290	350.260	19th Street South	I St.	Brass mon.	
291	366.058	19th Street South	J St.	Brass mon.	
292	349.666	19th Street South	Jackson Ave.	Brass mon.	
293	349.076	19th Street South	Jackson Ave.	X on NW cor. of conc. apron front of University Place Builders	
294	331.841	19th Street South	Jackson Ave.	Brass mon. 300' W. of Jackson Ave.	
295	98.775	19th Street South	Jefferson St.	Brass mon. E.	
296	364.023	19th Street South	K St.	Brass mon.	
297	366.156	19th Street South	L St.	Brass mon.	
298	355.016	19th Street South	Lawrence St.	Brass mon.	
299	364.771	19th Street South	M St.	Brass mon.	
300	320.192	19th Street South	Madison St.	Brass mon.	
301	121.963	19th Street South	Market St.	Brass mon.	
302	311.825	19th Street South	Mason St.	Brass mon. 42.8' W. of sec. cor. mon.	
303	361.106	19th Street South	Meyers St.	Brass mon.	
304	329.989	19th Street South	Mildred St.	Surface brass mon.	
305	309.231	19th Street South	Monroe St.	Brass mon.	
306	233.185	19th Street South	Mt. View Dr.	Brass mon.	
307	343.698	19th Street South	Mullen St.	Brass mon.	
308	365.106	19th Street South	Oakes St.	Brass mon.	
309	309.708	19th Street South	Orchard St.	Brass mon. in casting	
310	48.317	19th Street South	Pacific Ave.	Hi lead in mon.	
311	297.682	19th Street South	Pearl St.	Brass mon. E. 1/4 cor. mon.	
312	360.078	19th Street South	Pine St.	Brass mon.	
313	339.376	19th Street South	Proctor St.	Brass mon.	
314	382.224	19th Street South	Prospect St.	Brass mon.	
315	359.767	19th Street South	Sheridan Ave.	Brass mon.	
316	295.032	19th Street South	Shirley	Brass mon.	
317	362.719	19th Street South	Sprague Ave.	Brass mon.	
318	372.842	19th Street South	State St.	Brass mon. W.	
319	383.985	19th Street South	Steele St.	Brass mon.	
320	309.943	19th Street South	Stevens St.	Brass mon. 326' W. of Mason	
321	170.410	19th Street South	Sunset Dr.	SW cor. bot. conc. step #1747	
322	216.122	19th Street South	Tacoma Ave.	Brass mon.	
323	302.668	19th Street South	TCC Park Lot	Letter 'O' in open in Hyd 75' E. of 64th Ave. W. & S. 19th	
324	381.918	19th Street South	Trafton St.	Brass mon. 40' E.	
325	310.414	19th Street South	Tyler St.	Brass mon.	
326	365.693	19th Street South	Union Ave.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
327	257.878	19th Street South	Ventura Dr.	Brass mon..	
328	255.821	19th Street South	Ventura Dr.	X in NE cor. bot. conc. step #7804 S. 19th	
329	299.927	19th Street South	Visscher St.	Brass mon.	
330	372.271	19th Street South	W. Union Ave.	Brass mon.	
331	60.130	19th Street South	Walters Road	X in N. end conc. wall house #8624	
332	54.773	19th Street South	Walters Road	Brass mon.	
333	358.480	19th Street South	Warner St.	Brass mon.	
334	379.230	19th Street South	Washington St.	Brass mon.	
335	379.680	19th Street South	Wilkeson St.	Brass mon.	
336	298.111	19th Street South	Winnifred	Brass mon.	
337	293.715	19th Street South	Woodlawn	Brass mon.	
338	303.348	19th Street South	Yakima Ave.	Brass mon.	
339	370.941	21st Avenue NE	Browns Pt Blvd	Surface brass mon	
340	319.465	21st Avenue NE	Norpoint Way	Surface brass mon	
341	369.743	21st Street North	Adams St.	Brass mon.	
342	316.109	21st Street North	Alder St.	Copper in mon.	
343	299.186	21st Street North	Anderson St.	Brass mon.	
344	385.550	21st Street North	Baltimore	X on SW bolt on SW leg of City tower	
345	390.295	21st Street North	Bennett St.	Brass mon.	
346	312.946	21st Street North	Cedar St.	Copper in mon.	
347	357.132	21st Street North	Cheyenne St.	Brass mon.	
348	380.431	21st Street North	Ferdinand St.	Brass mon.	
349	287.929	21st Street North	Fife St.	Brass mon.	
350	373.469	21st Street North	Highland St.	Brass mon.	
351	396.612	21st Street North	Huson St.	Brass mon.	
352	312.416	21st Street North	Junett St.	Copper in mon.	
353	319.750	21st Street North	Lawrence St.	Copper in mon.	
354	356.659	21st Street North	Madison St.	Brass mon.	
355	349.993	21st Street North	Monroe St.	Brass mon.	
356	360.833	21st Street North	Mullen St.	Brass mon.	
357	287.877	21st Street North	Oakes St.	Copper in mon.	
358	391.269	21st Street North	Orchard St.	Brass mon.	
359	385.042	21st Street North	Pearl St.	Brass mon.	
360	304.887	21st Street North	Pine St.	Brass mon.	
361	372.139	21st Street North	Proctor St.	Brass mon.	
362	301.732	21st Street North	Prospect St.	Copper in mon.	
363	348.478	21st Street North	Puget Sound	Copper in mon.	
364	392.533	21st Street North	Shirley St.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
365	286.964	21st Street North	Steele St.	Brass mon.	
366	377.575	21st Street North	Stevens St.	Brass mon.	
367	357.970	21st Street North	Tyler St.	X on top of SE bolt of SE leg of City tower	
368	357.844	21st Street North	Union Ave.	Hi lead in mon.	
369	371.734	21st Street North	Verde St.	Brass mon.	
370	382.011	21st Street North	Villard St.	Brass mon.	
371	336.259	21st Street North	Warner St.	Copper in mon.	
372	367.921	21st Street North	Washington St.	Brass mon.	
373	385.300	21st Street North	Winnifred St.	Brass mon.	
374	390.516	22nd Avenue NE	Browns Pt Blvd	Surface brass mon.	
375	391.256	23rd Street North	Frace	R/R spk in p.pole 100' + S. of cntrln of N. 23rd	
376	397.864	23rd Street North	Lexington	R/R spk in p.pole #026019 50' + S. of N. 23rd St	
377	399.642	23rd Street North	Mildred	Brass mon. in casting	
378	372.747	23rd Street North	Vassault	Brass mon. in casting	
379	384.551	23rd Street North	Whitman	R/R spk in p.pole #H2-100' + S. of N. 23rd St.	
380	387.550	24th Street North	Hawthorne	Brass mon. in casting	
381	351.099	24th Street North	Lenore Dr.	Brass mon. in casting	
382	398.361	24th Street North	Mildred	Brass mon. in casting	
383	303.302	24th Street North	Narrows Dr.	Brass mon. in casing	
384	335.601	24th Street North	Skyline Dr.	Brass mon. in casting	
385	363.890	24th Street North	Vassault	Surface brass mon.	
386	50.314	25th Street East	E. D St.	Brass mon. in casting	
387	15.236	25th Street East	E. M St.	R/R spk in p.pole 10' W. of house #1311	
388	16.463	25th Street East	E. M St.	R/R spk in p.pole NW cor.	
389	13.575	25th Street East	E. N St.	R/R spk in p.pole 20' E. of house #1413	
390	13.598	25th Street East	Portland Ave.	X in NE cor. conc. base orn. light on SW cor.	
391	361.175	25th Street South	Ainsworth Ave.	Brass mon.	
392	363.266	25th Street South	Alaska St.	Brass mon. (Add mon. E.P.L.)	
393	353.804	25th Street South	Ash St.	Brass mon.	
394	348.586	25th Street South	Cushman Ave.	Brass mon.	
395	164.798	25th Street South	Fawcett Ave.	Brass mon.	
396	369.762	25th Street South	Ferry St.	Brass mon.	
397	243.183	25th Street South	G St.	Brass mon.	
398	368.738	25th Street South	Grant Ave.	Brass mon.	
399	371.082	25th Street South	Hosmer St.	Brass mon.	
400	336.580	25th Street South	I St.	Brass mon.	
401	351.427	25th Street South	J St.	Brass mon.	
402	150.732	25th Street South	Jefferson Ave.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
403	352.443	25th Street South	K St.	Brass mon.	
404	355.494	25th Street South	L St.	Brass mon.	
405	352.085	25th Street South	M St.	Brass mon.	
406	347.452	25th Street South	Sheridan Ave.	Brass mon.	
407	369.754	25th Street South	Sprague Ave.	Brass mon. E. of end of bridge	
408	377.431	25th Street South	State St.	Brass mon.	
409	205.833	25th Street South	Tacoma Ave.	Brass mon.	
410	349.228	25th Street South	Wilkeson St.	Brass mon.	
411	289.408	25th Street South	Yakima Ave.	Brass mon.	
412	70.561	26th Street East	E. D St.	Surface brass mon.	
413	356.392	26th Street North	Adams St.	Copper in mon.	
414	314.506	26th Street North	Alder St.	copper in mon.	
415	393.766	26th Street North	Baltimore St.	R/R spk in p.pole NE cor.	
416	400.855	26th Street North	Baltimore St.	X in SE corn. 18" conc walk #2602 N. 26th	
417	403.327	26th Street North	Bennett St.	Brass mon.	
418	405.337	26th Street North	Bennett St.	X in SW cor. bot. conc. step #2601	
419	396.452	26th Street North	Bristol St.	Brass mon. 150' E. of N. 26th & Bristol	
420	386.450	26th Street North	Bristol St.	Brass mon.	
421	312.616	26th Street North	Cedar St.	Hi lead in mon.	
422	353.947	26th Street North	Cheyenne St.	X on SE cor. bot. conc. step #4601 N. 26th	
423	354.951	26th Street North	Cheyenne St.	X on NW cor. bot. conc. step #4622 N. 26th	
424	364.099	26th Street North	Ferdinand St.	R/R spk in St. light pole SE cor. N. 26th	
425	370.599	26th Street North	Ferdinand St.	X in NW cor. bot. conc. step #4902 N. 26th	
426	392.475	26th Street North	Highland St.	Brass mon.	
427	379.981	26th Street North	Huson St.	R/R spk in p.pole NE cor.	
428	314.213	26th Street North	Junett St.	Copper in mon.	
429	314.434	26th Street North	Lawrence St.	Copper in mon.	
430	350.058	26th Street North	Madison St.	Brass mon.	
431	354.173	26th Street North	Mason St.	Brass mon.	
432	143.682	26th Street North	McCarver	X in conc. light std. NE cor.	
433	342.435	26th Street North	Monroe St.	Brass mon.	
434	345.525	26th Street North	Narrows Dr.	X in SE rivet on SE cor. of trans tower N side road	
435	353.745	26th Street North	Narrows Dr.	X in N. rivet on NE leg of trans tower S side road	
436	349.556	26th Street North	Narrows Dr.	Brass mon. (#1 P.C. Sta. 9+37)	
437	395.443	26th Street North	Orchard St.	Brass mon.	
438	392.303	26th Street North	Pearl St.	Brass mon.	
439	355.994	26th Street North	Proctor St.	Brass mon.	
440	336.786	26th Street North	Puget Sound	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
441	412.638	26th Street North	Shirley St.	Brass mon.	
442	416.353	26th Street North	Shirley St.	X in SW cor. bot. conc. step #2601	
443	368.947	26th Street North	Stevens St.	Brass mon.	
444	339.496	26th Street North	Tyler St.	Brass mon.	
445	337.980	26th Street North	Union Ave.	Copper in mon.	
446	359.668	26th Street North	Vassault St.	Brass mon. in sidewalk on S. side of intersection	
447	361.513	26th Street North	Verde St.	R/R spk in p.pole NE cor.	
448	317.316	26th Street North	Warner St.	Brass mon.	
449	357.481	26th Street North	Washington St.	Copper in mon.	
450	407.488	26th Street North	Winnifred St.	Brass mon.	
451	419.080	26th Street North	Winnifred St.	X in SW cor. bot. conc. step #2601	
452	87.884	27th Street East	E. D St.	Surface brass mon.	
453	108.403	28th Street East	E. D St.	Surface brass mon.	
454	127.924	29th Street East	E. D St.	Surface brass mon.	
455	29.129	29th Street East	E. R St.	R/R spk in p.pole SE cor.	
456	49.085	29th Street East	Portland	Surface brass mon.	
457	398.008	29th Street NE	60th Ave NE	Surface brass mon. E.	
458	414.131	29th Street NE	61st Ave NE	Surface brass mon.	
459	419.620	29th Street NE	62nd Ave NE	Surface brass mon.	
460	405.259	29th Street NE	City Limits	Surface brass mon.	
461	427.690	29th Street NE	NE 53rd Ave	Mon	
462	360.506	29th Street NE	NE 53rd St	Surface brass mon.	
463	419.695	29th Street NE	NE 54th Ave	MIC	
464	393.825	29th Street NE	NE 55th St	Brass mon. in casting	
465	406.063	29th Street NE	NE 56th Ave	Mon	
466	405.673	29th Street NE	NE 57th Ave	Mon	
467	421.870	29th Street NE	NE 57th St	Surface brass mon.	
468	400.938	29th Street NE	NE 58th Ave	(Easterly) Mon	
469	390.934	29th Street NE	NE 59th Ave	(Easterly) Mon	
470	410.298	29th Street NE	Pole #207017	#50 Penny Nail in p. pole E. side of Br. Pt. Blvd.	
471	281.432	30th Street North	Alder St.	Copper in mon.	
472	393.084	30th Street North	Baltimore	brass mon.	
473	412.965	30th Street North	Bennett	brass mon.	
474	46.502	30th Street North	Carr St.	Brass mon.	
475	278.608	30th Street North	Cedar St.	Brass mon.	
476	338.924	30th Street North	Cheyenne St.	chiseled X in SW cor. conc. base for light std. #020058 NE cor. Of intersection	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
477	346.375	30th Street North	Ferdinand St.	chiseled X in NE cor. conc. base of light std. SW cor. Of intersection	
478	411.788	30th Street North	Highland N.	Brass mon.	
479	418.338	30th Street North	Highland S.	X in NE cor. conc. base light std. SW cor. inters.	
480	371.843	30th Street North	Huson St.	chiseled X in SE cor. of conc. base of light std NW cor. Of intersection	
481	237.053	30th Street North	Junett St.	Brass mon.	
482	276.242	30th Street North	Lawrence St.	Copper in mon.	
483	318.601	30th Street North	Mason Ave.	chiseled X in SE cor. conc. base for light std. #020114 NW cor. Of intersection	
484	38.655	30th Street North	McCarver St.	Brass mon.	
485	304.456	30th Street North	Monroe St	chiseled X in NW cor. of conc. base for light std #109029 NE cor of intersection	
486	305.454	30th Street North	Monroe St	chiseled X in NE cor. conc. base for light std. #19035 S. side of N. 30 between houses #4126, 4130	
487	340.083	30th Street North	Mullen St.	chiseled X in SW cor. conc. base for light std. #020055 SE cor. Of intersection	
488	150.605	30th Street North	Oakes St.	Brass mon.	
489	372.625	30th Street North	Orchard St.	brass mon.	
490	400.349	30th Street North	Pearl St.	Spk in pole NE cor.	
491	194.093	30th Street North	Pine St.	Brass mon.	
492	323.589	30th Street North	Proctor	Brass mon.	
493	319.502	30th Street North	Proctor	chiseled X in SE cor. conc. base for light std. N. side of 30th St. #109030 front of house #3925	
494	274.907	30th Street North	Puget Sound	Hi lead in mon.	
495	424.918	30th Street North	Shirley	Brass mon.	
496	46.413	30th Street North	Starr St.	R/R spk in p.pole SE cor.	
497	61.702	30th Street North	Steele St.	Brass mon.	
498	337.117	30th Street North	Stevens	surface brass mon.	
499	277.128	30th Street North	Union Ave.	Brass mon. S.	
500	343.227	30th Street North	Verde St.	\tab chiseled X in NE cor. of conc. base for light std #020061 SE cor. Of intersection	
501	272.167	30th Street North	Warner St.	Brass mon.	
502	289.432	30th Street North	Washington St.	Copper in mon.	
503	106.564	30th Street North	White St.	Brass mon.	
504	427.338	30th Street North	Winnifred	X in NE cor. conc. base light std. SW cor. inters.	
505	239.427	30th Street South	S. M St.	Brass mon.	
506	221.492	30th Street South	Tacoma Ave.	Brass in casting Tacoma Ave to the south	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
507	316.053	30th Street South	Tyler St.	Copper in pipe mon.	
508	378.796	31st Street North	Orchard St.	Brass mon. N.	
509	391.019	31st Street North	Pearl St.	Brass mon.	
510	307.480	31st Street North	Proctor	Brass mon.	
511	390.005	31st Street North	Viewmont & Visscher	Brass mon.	
512	399.067	31st Street North	Viewmont E.	Brass mon.	
513	401.486	31st Street North	Viewmont W.	Brass mon.	
514	403.009	31st Street North	Westline of Clarmont Subdivision #1	Brass mon.	
515	250.253	31st Street South	Tacoma Ave.	Brass mon.	
516	318.006	31st Street South	Tyler St.	E. copper in pipe mon.	
517	309.817	31st Street South	Union Ave.	Copper in mon.	
518	76.625	34th Street East	#1625 E. 34th S	X in SW cor. top of bot. step 2.5' from back walk	
519	53.594	34th Street East	354' W. of E. T	R/R spk in p.pole N side of E 34th, 345' W. of E. T	
520	277.299	34th Street East	E. B St.	Brass mon.	
521	296.666	34th Street East	E. D St.	Copper in mon.	
522	292.178	34th Street East	E. E St.	Copper in mon.	
523	289.935	34th Street East	E. F St.	Hi lead in mon.	
524	288.001	34th Street East	E. G St.	Copper in mon.	
525	287.739	34th Street East	E. L St.	R/R spk in p.pole NW cor.	
526	62.674	34th Street East	E. R St.	Surface brass mon.	
527	62.655	34th Street East	E. R St.	Surface brass mon.	
528	51.703	34th Street East	E. T St.	Surface brass mon.	
529	51.723	34th Street East	E. T St.	Surface brass mon.	
530	287.080	34th Street East	McKinley Ave.	Brass mon.	
531	88.672	34th Street East	Portland Ave.	Surface brass mon.	
532	119.988	34th Street East	Roosevelt Ave.	Surface brass mon.	
533	300.917	34th Street North	Madison	Copper in mon.	
534	307.125	34th Street North	Mason	X in NE cor. bot. conc. step house #4302 N. 34th	
535	301.366	34th Street North	Monroe	Bras mon.	
536	358.646	34th Street North	Orchard St.	Brass mon. in casting	
537	300.688	34th Street North	Proctor St.	Copper in mon.	
538	311.645	34th Street North	Stevens	Brass mon.	
539	305.171	34th Street North	Tyler	X in SW cor. bot. conc. step house #4131 N. 34th	
540	318.515	34th Street South	Fawcett St.	Copper in mon.	
541	287.030	34th Street South	Pacific Ave.	Copper in mon.	
542	297.356	34th Street South	S. C St.	Copper in mon.	
543	306.936	34th Street South	S. D St.	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
544	331.749	34th Street South	S. M St.	Brass mon. (W.S.H.D.)	
545	319.370	34th Street South	Tacoma Ave.	Copper in mon.	
546	250.097	34th Street South	Union Ave.	Brass mon.	
547	307.777	35th Street East	E. E St.	X in NW cor. bot. conc. step SW cor. int. house #422 E. 35th	
548	63.965	35th Street East	E. T St.	R/R spk in p.pole NE cor.	
549	90.341	35th Street East	Portland	Surface brass mon.	
550	360.41	35th Street North	N. Baltimore	Brass mon. in casting in the traffic circle	
551	370.534	35th Street North	N. Bennett	R/R spk in p.pole NW cor.	
552	391.282	35th Street North	N. Shirley	R/R spk in p.pole NW cor.	
553	355.450	35th Street North	N. Villard St.	R/R spk in p.pole NE cor.	
554	353.117	35th Street North	Orchard St.	Spk in p.pole NE cor.	
555	319.191	35th Street North	Pearl St.	Brass mon.	
556	304.525	35th Street North	Proctor St.	Copper in mon.	
557	327.171	35th Street North	Visscher E.	Brass mon.	
558	332.827	35th Street North	Visscher W.	Brass mon.	
559	351.328	35th Street South	Ainsworth Ave.	R/R spk in prim pole SW cor.	
560	370.244	35th Street South	Alaska St.	R/R spk in p.pole #093003 SW cor.	
561	250.733	35th Street South	Alder St.	Brass mon.	
562	357.714	35th Street South	Asotin St.	R/R spk in p.pole SW cor.	
563	337.850	35th Street South	Cushman St.	Surface brass mon.	
564	334.918	35th Street South	J St.	Surface brass mon.	
565	337.121	35th Street South	K St.	Surface brass mon.	
566	341.531	35th Street South	L St.	Brass mon.	
567	243.884	35th Street South	Lawrence St.	Brass mon.	
568	339.133	35th Street South	M St.	Brass mon. in casting E.	
569	350.854	35th Street South	Oxygen Sales & Service #2043 S. 35th St	X on conc. pad at door on SW cor.	
570	302.012	35th Street South	Pine	Brass mon. in casting	
571	307.727	35th Street South	Pole #262l	R/R spk in tel.pole #262l on N. side of St. approx 250' E. of Pine St	
572	244.467	35th Street South	Puget Sound	Brass mon.	
573	257.452	35th Street South	S. Tac. Way	Brass mon. Westerly	
574	344.610	35th Street South	Sawyer St.	R/R spk prim pole S. side	
575	341.821	35th Street South	Sheridan St.	R/R spk in prim pole #093011 on SW cor.	
576	347.537	35th Street South	Sprague Ave.	Surface brass mon. to N.	
577	350.441	35th Street South	Sprague Ave.	Spk in N. prim pole	
578	327.778	35th Street South	Tacoma Ave.	Copper in mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
579	334.430	35th Street South	Thompson Ave.	X in NE cor. of conc. base light std. SW cor.	
580	303.097	35th Street South	Tyler St.	R/R spk in p.pole SE cor.	3/18/1998
581	247.146	35th Street South	Union Ave.	Brass mon.	
582	345.042	35th Street South	W. Ent. to Pierce Co Annex	X on SE bolt of conc. light std.	
583	240.323	35th Street South	Warner St.	Brass mon.	
584	252.755	35th Street South	Washington	Brass mon.	
585	243.680	35th Street South	Windom St.	Brass mon. W. of R/R tracks	
586	297.328	36th Avenue NE	NE 33rd St	RR spk in p. pole #3611 N. side NE 33rd bet house #3616 & house #3620 NE 33rd St	
587	319.037	36th Street East	E. E St.	R/R spk in p.pole #096039	
588	319.037	36th Street East	E. E St.	R/R spk in p.pole #096039 E. 36th	
589	172.527	36th Street East	E. T St.	R/R spk in p.pole NE cor.	
590	232.900	36th Street East	Roosevelt	X on conc. step NE cor. House #3614	
591	303.205	36th Street North	Adams St.	Copper in mon.	
592	60.889	36th Street North	Lawrence St.	R/R spk in tel.pole #015015 Eastside Rd. at P.T. of curve	
593	74.973	36th Street North	Lawrence St.	R/R spk in tel.pole S. side of road at P.C. Curve	
594	20.097	36th Street North	N. Lawrence & Alder Way	R/R spk in p.pole #8 #018074 at beg. of Puget Park Trail lower end	
595	346.926	36th Street North	Orchard	Spk in p.pole 100' N. of intersection on E. side	
596	306.905	36th Street North	Proctor St.	Surface brass mon.	
597	168.690	36th Street North	Puget Sound	R/R spk in p.pole #21/015021 NE cor.	
598	170.387	36th Street North	Puget Sound	Brass mon. in casting	
599	311.400	36th Street North	Stevens	Brass mon.	
600	212.151	36th Street North	Union Ave.	R/R spk in p.pole #015023 NE cor.	
601	223.208	36th Street North	Union Ave.	X in back of walk intersection on SW cor.	
602	118.864	36th Street North	Warner St.	R/R spk in p.pole #015018 NE cor.	
603	121.063	36th Street North	Warner St.	Surface brass mon.	
604	269.512	36th Street North	Washington	R/R spk in p.pole #014074 on NE cor.	
605	269.853	36th Street North	Washington	Copper in mon.	
606	367.904	36th Street South	Alaska St.	Bridge spk in p.pole SW cor.	
607	312.123	36th Street South	Gunnison St.	Brass mon.	
608	312.335	36th Street South	Madison St.	Brass P.C. mon. 166' E. of intersection	
609	314.431	36th Street South	Madison St.	Brass mon.	
610	310.599	36th Street South	Monroe St.	Brass mon.	
611	309.730	36th Street South	Pacific	Copper in mon.	
612	318.256	36th Street South	Pine St.	Surface brass mon.	
613	343.785	36th Street South	S. M St.	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
614	334.075	36th Street South	Tacoma Ave.	Brass mon. in casting	
615	299.939	36th Street South	Tyler St.	Surface brass mon. (South mon.)	3/18/1998
616	317.009	37th Street East	E. E St.	R/R spk p.pole #096041, SW cor.	
617	331.217	37th Street East	E. F St.	R/R spk SE cor.	
618	241.154	37th Street East	Roosevelt	R/R spk in p.pole SE cor.	
619	320.159	37th Street North	Cheyenne St.	X in most easterly cor. conc. step to house #3638 N. Cheyenne	
620	334.005	37th Street North	Ferdinand St.	R/R spk in p.pole #013032 NW cor.	
621	335.492	37th Street North	Gove St.	X in NW cor. bot conc. step house #3635 N. Gove, 2' from City walk	
622	334.862	37th Street North	Huson St.	R/R spk in p.pole #013034 NE cor.	
623	317.215	37th Street North	Mason St.	Center nut on hyd. SW cor.	
624	333.777	37th Street North	Mullen St.	X in SW cor. bot conc. step house #3702 N. Mullen S. side of house, 2' from City walk	
625	344.779	37th Street North	Narrows Dr.	Brass mon. (#10 P.T. sta. 47+52 located near S. gutter line of N. 37th St	
626	334.443	37th Street North	Orchard St.	R/R spk in p.pole NE cor.	
627	303.513	37th Street North	Pearl St.	Brass mon. N.	
628	302.906	37th Street North	Proctor St.	Brass mon.	
629	330.095	37th Street North	Shirley St.	X on SW cor. of conc. planter at house #3701	
630	310.280	37th Street North	Stevens St.	Copper in mon.	
631	302.003	37th Street North	Tyler St.	Brass mon.	
632	344.779	37th Street North	Vassault	Brass mon. S.	
633	315.487	37th Street North	Verde St.	X in NE cor. bot. conc. step house #3636 N. Verde	
634	359.618	37th Street North	Viewridge & Whitman	R/R spk in tel.pole NW cor.	
635	378.843	37th Street North	Viewridge Dr.	R/R spk light pole opp. house #6423 Viewridge Dr.	
636	317.810	37th Street North	Villard St.	X on curb approx. 18' N. of end of conc. curb on W. side of N. 37th	
637	369.596	37th Street South	Alaska St.	Brass mon. casting	
638	352.298	37th Street South	Idaho St.	X in NE cor. bot. conc. step Metro. Park Dist. Off	
639	368.268	37th Street South	Oregon St.	State mon., copper in lead	
640	321.483	37th Street South	Pacific Ave.	Copper in mon.	
641	353.710	37th Street South	S. M St.	Brass mon.	
642	260.071	37th Street South	S. Tac. Way	Brass mon. approx. 225' N. of intersection	
643	340.739	37th Street South	Tacoma Ave.	Brass mon. in casting	
644	299.816	37th Street South	Tyler St.	Brass mon.	3/18/1998
645	267.625	38th Avenue NE	Browns Pt Blvd	RR spk in p. pole NE cor.	
646	275.004	38th Avenue NE	NE 33rd St	RR spk in p. pole N. Side	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
647	314.634	38th Street East	250' W. of Freeway Bridge	Copper in state mon.	
648	335.303	38th Street East	E. A St.	Brass mon.	
649	329.508	38th Street East	E. B St.	Copper in state mon.	
650	317.633	38th Street East	E. end of Freeway Bridge	Copper in state mon.\tab \tab \tab \tab \tab \tab	
651	323.828	38th Street East	E. F St.	Copper in state mon.	
652	324.682	38th Street East	E. G St.	Copper in state mon.	
653	248.137	38th Street East	E. Hill St.	R/R spk in p.pole #13/5	
654	316.107	38th Street East	E. I St.	R/R spk in p.pole #9/1 NE cor.	
655	308.626	38th Street East	E. J St.	R/R spk in p.pole #10/1	
656	290.011	38th Street East	E. K St.	Spk in p.pole #10/5 NW cor.	
657	284.029	38th Street East	E. L St.	R/R spk in p.pole #12/1 NE cor.	
658	263.006	38th Street East	E. M St.	R/R spk in pole #13/1 NE cor.	
659	223.115	38th Street East	E. N St.	R/R spk in p.pole #14/5 just E. of house #1421	
660	182.339	38th Street East	E. T St.	Bras mon. in casting	
661	290.012	38th Street East	Howe St.	Spk in p.pole #11/3 NW cor.	
662	329.094	38th Street East	McKinley Ave.	Brass mon.	
663	190.961	38th Street East	Portland Ave.	Surface brass mon.	
664	248.159	38th Street East	Roosevelt Ave.	Brass mon.	
665	248.141	38th Street East	Roosevelt Ave.	Surface brass mon. N.	
666	326.859	38th Street East	Spokane St.	Spk in pole #8/3 NE cor.	
667	308.368	38th Street North	Baltimore St.	Brass mon. S.	
668	298.089	38th Street North	Madison St.	Hi lead in mon.	
669	299.325	38th Street North	Monroe St.	Copper in mon. N.	
670	299.701	38th Street North	Monroe St.	Copper in mon. S.	
671	318.454	38th Street North	Orchard St.	R/R spk in tel.pole SW cor.	
672	294.799	38th Street North	Proctor St.	Brass mon.	
673	307.304	38th Street North	Shirley St.	Brass mon.	
674	309.412	38th Street North	Stevens St.	Brass mon.	
675	297.546	38th Street North	Tyler St.	Hi lead in mon.	
676	301.339	38th Street North	Villard St.	Brass mon.	
677	348.263	38th Street South	Ainsworth Ave.	Brass mon.	
678	373.401	38th Street South	Alaska St.	Brass mon.	
679	371.233	38th Street South	Ash St.	Top of steel pipe in casting	
680	353.490	38th Street South	Asotin St.	Brass mon.	
681	333.445	38th Street South	California	Brass mon.	
682	298.196	38th Street South	Cedar St.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
683	352.986	38th Street South	Cushman Ave.	Brass mon.	
684	344.736	38th Street South	Fawcett Ave.	Brass mon.	
685	350.898	38th Street South	Fife St.	Brass mon.	
686	302.265	38th Street South	Junett St.	Brass mon.	
687	307.345	38th Street South	Lawrence St.	Brass mon.	
688	331.866	38th Street South	Pacific Ave.	Hi lead in mon.	
689	333.166	38th Street South	Pacific Ave.	Top of NW bolt of SW cor.	
690	319.180	38th Street South	Pine St.	Brass mon.	
691	276.195	38th Street South	Puget Sound	Brass mon.	
692	342.175	38th Street South	S. D St.	Brass mon.	
693	337.264	38th Street South	S. G St.	Brass mon.	
694	350.463	38th Street South	S. J St.	Brass mon.	
695	358.291	38th Street South	S. K St.	Brass mon.	
696	368.270	38th Street South	S. L St.	Brass mon.	
697	371.667	38th Street South	S. M St.	Brass mon.	
698	263.278	38th Street South	S. Tac. Way	X on SE bolt on st.light SE cor. of intersection	
699	360.771	38th Street South	Sheridan Ave.	Brass mon.	
700	364.902	38th Street South	Steele St.	Brass mon.	
701	256.194	38th Street South	Steele St.	Brass in casting approx. 270' S. of S. 38th	
702	351.043	38th Street South	Tacoma Ave.	Brass mon.	
703	346.167	38th Street South	Thompson Ave.	Brass mon.	
704	300.435	38th Street South	Tyler St (Manitou Wy.)	R/R spk in p.pole E side of Tyler 100' +/- intx	3/18/1998
705	262.722	38th Street South	Union Ave.	Brass mon.	
706	297.809	38th Street South	Warner St.	Brass mon.	
707	380.671	38th Street South	Wilkeson St.	Brass mon.	
708	342.196	38th Street South	Yakima Ave.	Brass mon.	
709	196.546	39th Street East	E. T St.	R/R spk in wood light pole NW cor.	
710	270.528	39th Street East	Roosevelt	X on SW cor. conc. base orn. light front hse #3939	
711	266.709	39th Street East	Roosevelt	X on SW cor. conc. base orn. light front hse #3921	
712	257.924	39th Street East	Roosevelt	X on SW cor. conc. base orn. light front hse #3905	
713	253.593	39th Street East	Roosevelt	X on SW cor. conc. base orn. light SE cor.	
714	275.238	39th Street NE	Browns Pt Blvd	RR spk in p. pole NE cor	
715	271.185	39th Street NE	NE 33rd St	RR spk in p. pole # 196003 N. side of intersection	
716	305.338	39th Street North	Cheyenne St.	Chiseled X at back of walk SW cor. of intersection	
717	308.040	39th Street North	Ferdinand St.	Chiseled X at back of walk on W. side of walkway to Jane Clark Playground Bldg. At intersection	
718	306.510	39th Street North	Gove St.	Chiseled X at back of walk SE cor. of intersection	
719	311.524	39th Street North	Mullen St.	Chiseled X at back of walk SW cor. of intersection	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
720	309.748	39th Street North	N. Stevens	Bet. N. 38th & N. 39th brass mon. near E. gutter line across from house #3816	
721	314.290	39th Street North	N. Stevens	Brass mon.	
722	311.238	39th Street North	N. Verde	Chiseled X in NW cor. conc. base for the flagpole in front of Sherman Elem. School, N. 39th & Verde	
723	299.081	39th Street North	Orchard St.	R/R spk in p.pole NW cor.	
724	400.349	39th Street North	Pearl	Spk in p.pole SE cor.	
725	286.900	40th Avenue NE	Browns Pt Blvd	RR spk in p. pole S Side	
726	284.716	40th Avenue NE	NE 33rd St	RR spk in p. pole SW cor	
727	225.325	40th Street East	E. T St.	X in bot conc. step house #3936 NE cor.	
728	265.869	40th Street South	S. Tac. Way	X on NW bolt of st.light 40' S. of inters. W. side	
729	365.725	40th Street South	State St.	Surface brass PT mon. approx. 16' E. of inters. S.	
730	343.657	40th Street South	Steele St.	Surface brass mon.	
731	352.315	41st Street South	Ferry St.	Surface brass mon. 56' S. of centerline S. 41st	
732	263.494	41st Street South	S. Tac. Way	X on bolt NW cor. Dodge sign	
733	237.368	42nd Street East	E. T St.	X in bot conc. step house #2002 E. 42nd NE cor.	
734	291.309	42nd Street East	Roosevelt	X on SW cor. conc. base orn. light front hse #4243	
735	282.421	42nd Street East	Roosevelt	X on SW cor. conc. base orn. light front hse #4321	
736	271.767	42nd Street East	Roosevelt	X in conc. base st.light NE cor.	
737	282.359	42nd Street North	Baltimore St.	R/R spk in p.pole with light N. side of st. #52/3	
738	278.056	42nd Street North	Bennett St.	Brass mon. in casting S.	
739	277.768	42nd Street North	Bennett St.	Brass mon. in casting N.	
740	295.597	42nd Street North	Bristol St.	Brass in casting	
741	276.808	42nd Street North	Cheyenne St.	R/R spk in p.pole #03121 SE cor.	
742	278.497	42nd Street North	Defiance	Bras mon. in casting	
743	263.354	42nd Street North	Ferdinand St.	R/R spk in p.pole SW cor.	
744	352.085	42nd Street North	Frace	R/R spk in p.pole NE cor.	
745	276.108	42nd Street North	Gove St.	R/R spk in p.pole SW cor.	
746	274.004	42nd Street North	Highland St.	Brass mon. in casting	
747	272.454	42nd Street North	Huson St.	R/R spk in p.pole #50/2 SE cor.	
748	257.321	42nd Street North	Mullen St.	R/R spk in p.pole #48/2 SE cor.	
749	272.368	42nd Street North	Orchard	R/R spk in p.pole #03118 SE cor.	
750	254.711	42nd Street North	Pearl St.	Brass mon.	
751	276.428	42nd Street North	Shirley St.	Brass mon. in casting	
752	311.486	42nd Street North	Stevens	Brass mon. E.	
753	325.109	42nd Street North	Vassault	Brass mon.	
754	302.951	42nd Street North	Verde St.	R/R spk in p.pole #03122 SE cor.	
755	263.488	42nd Street North	Vischer	Bras mon. in casting	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
756	338.479	42nd Street North	Whitman	R/R spk in p.pole NE cor.	
757	279.004	42nd Street North	Winnifred St.	Brass mon. in casting	
758	382.570	43rd Avenue NE	NE 29th St	Surface brass mon to N.	
759	349.356	43rd Avenue NE	NE 33rd St	RR spk in p. pole #4200 SE cor NE 33rd & Browns Pt Blvd (east end of golf course)	
760	352.085	43rd Street North	Frace	R/R spk in p.pole NE cor.	
761	267.284	43rd Street North	Orchard St.	Spk in p.pole #94 SW cor.	
762	248.927	43rd Street North	Pearl St.	Brass mon.	
763	303.056	43rd Street North	Stevens	Brass mon. E.	
764	301.593	43rd Street North	Stevens	Brass mon. W.	
765	338.754	43rd Street South	Bell	Surface brass mon.	
766	350.867	43rd Street South	Fawcett	Brass mon.	
767	345.051	43rd Street South	Ferry St.	Surface brass mon.	
768	333.866	43rd Street South	Pacific	Copper in mon.	
769	349.500	43rd Street South	Park	Copper in mon.	
770	342.062	43rd Street South	S. D St.	Spk in p.pole SW cor.	
771	344.356	43rd Street South	S. G St.	Copper in mon.	
772	358.453	43rd Street South	Tacoma Ave.	Copper in mon.	
773	412.100	44th Avenue NE	NE 33rd St	X in stone mon in casting	
774	289.505	44th Street East	E. Q St.	Surface brass mon.	
775	276.269	44th Street East	E. R St.	R/R spk in p.pole SE cor.	
776	268.742	44th Street East	E. R St.	Surface brass P.C. mon. 130' E. of R St.	
777	260.558	44th Street East	Homestead Ave.	R/R spk in st.light pole	
778	264.087	44th Street East	Homestead Ave.	P.C. brass mon. 212' E.	
779	282.832	44th Street East	House #1717	R/R spk in pole N. side rd	
780	372.193	44th Street East	McKinley Ave.	Brass mon.	
781	287.364	44th Street East	Portland Ave.	Surface brass mon.	
782	295.418	44th Street East	Roosevelt St.	X on conc. st.light base NE cor.	
783	337.849	44th Street South	Ferry St.	Brass in casting	
784	339.844	44th Street South	Ferry St.	Brass in casting P.C. mon. 260' S of intersection	
785	398.984	45th Avenue NE	NE 33rd St	RR spk in p. pole #190019 SE cor of intersection	
786	390.264	45th Street NE	"X"	Cross in NE. cor. power vault on east side of st. 200' +/- North of B.P.B.	
787	378.455	45th Street NE	"X"	Cross in NE cor. Phone vault 100' +/- South of 37th St NE	
788	370.797	45th Street NE	"X"	Cross in NE. cor. power vault on east side of St. 150' +/- North of 37th St NE	
789	368.279	45th Street NE	"X"	Cross in NE cor. power vault on east side of St.300' +/- north	
790	366.650	45th Street NE	"X"	Cross in NE cor. phone vault on east side of St. 450'+/- north	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
791	362.611	45th Street NE	"X"	Cross in NE cor. power vault on east side of St. 65' +/- . South of house # 3921	
792	339.789	45th Street NE	"X"	Cross in SE. cor. phone vault 300' +/- . North of 41st St. NE	
793	333.946	45th Street NE	"X"	Cross in NE. cor. Conc. Vault on east side of St. 150' +/- . South of S. end of "Village Green Apts"	
794	323.259	45th Street NE	"X"	Cross in NE cor. Conc. Vault on west side of St. opposite "On the Green Apts". Bldg. #26	
795	318.222	45th Street NE	"X"	Cross in NE cor. Conc. Vault on west side of St. S. end of Learning Center	
796	374.885	45th Street NE	37th St NE	Surface brass mon.	
797	356.001	45th Street NE	40th Street NE	Surface brass mon.	
798	347.693	45th Street NE	41st Street NE	Cross in SE cor. Power vault NE. cor. Int.	
799	325.812	45th Street NE	43rd St NE	Surface brass mon.	
800	326.510	45th Street NE	44th St NE	Surface brass mon.	
801	328.225	45th Street NE	45th St NE	Surface brass mon.	
802	395.841	45th Street NE	Browns Pt. Blvd	R.R. Spike in P.P. NW. cor. of int.	
803	320.620	45th Street NE	Northshore Parkway	Cross in NW bolt light pole base NE cor. Int.	
804	258.913	45th Street South	Washington	Surface brass mon.	
805	375.887	46th Street East	A St.	Brass mon.	
806	380.560	46th Street East	E. B St.	Brass mon.	
807	375.270	46th Street East	E. C St.	R/R spk in p.pole SE cor.	
808	339.540	46th Street East	E. D St.	R/R spk in stub guy pole W. side of R/R tracks	
809	387.473	46th Street East	E. G St.	Brass mon.	
810	386.976	46th Street East	McKinley Ave.	Brass mon. E.	
811	311.101	46th Street East	Portland Ave.	Surface brass mon.	
812	250.988	46th Street North	Baltimore St.	Brass mon.	
813	250.667	46th Street North	Bennett St.	Bras mon. in curb line	
814	272.468	46th Street North	Bristol St.	Brass mon.	
815	237.733	46th Street North	Cheyenne St.	Brass mon.	
816	312.100	46th Street North	Darien to N.	Surface brass mon.	
817	257.573	46th Street North	Defiance St.	Brass mon.	
818	223.245	46th Street North	Ferdinand St.	Brass mon.	
819	336.626	46th Street North	Frace	Surface brass mon.	
820	228.855	46th Street North	Gove St.	Brass mon.	
821	238.545	46th Street North	Huson St.	Brass mon.	
822	347.777	46th Street North	Lexington St.	R/R spk in p.pole NW cor.	
823	239.540	46th Street North	Mullen St.	Brass mon.	
824	243.685	46th Street North	Orchard St.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
825	229.194	46th Street North	Pearl St.	Brass mon. N.	
826	243.886	46th Street North	Shirley St.	Brass mon.	
827	298.969	46th Street North	Vassault St.	Brass mon.	
828	249.966	46th Street North	Verde St.	Brass mon.	
829	243.848	46th Street North	Villard St.	Brass mon. in curb line	
830	239.066	46th Street North	Visscher St.	Brass mon.	
831	235.003	46th Street North	Winnifred St.	Brass mon.	
832	336.133	46th Street South	Ferry St.	X in SW cor. conc. base light control box for Tacoma Mall sign	
833	340.786	47th Street South	Alaska	R/R spk in p.pole SW cor.	
834	302.332	47th Street South	Cedar St.	Brass mon.	
835	334.317	47th Street South	Ferry St.	Surface brass mon. opp. bank machine 5' W. of E. curb, 340' N. of S. 48th St	
836	301.585	47th Street South	Junett St.	Brass mon.	
837	320.160	47th Street South	Lawrence St.	Brass mon.	
838	301.412	47th Street South	Pine St.	Brass mon. S.	
839	292.476	47th Street South	Puget Sound	Brass mon.	
840	259.529	47th Street South	S. Tac. Way	X on NE bolt st.light SW cor.	
841	266.997	47th Street South	Union Ave.	Brass mon. in casting	
842	306.671	47th Street South	Warner St.	Brass mon. in casting	
843	257.295	47th Street South	Washington	Surface brass mon.	
844	396.694	48th Street East	E. I St.	R/R spk in p.pole NE cor.	
845	386.557	48th Street East	E. J St.	R/R spk in p.pole N. side E. 48th St. bet. Houses #1025 & #1027	
846	359.964	48th Street East	E. K St.	R/R spk in p.pole NW cor.	
847	325.477	48th Street East	E. L St.	R/R spk in p.pole NW cor.	
848	399.579	48th Street East	McKinley Ave.	Brass mon.	
849	314.606	48th Street East	Portland Ave.	Surface brass mon.	
850	322.477	48th Street East	Portland Ave.	Surface brass mon. opp. house #4819	
851	322.165	48th Street East	Water Dept Rd	Spk in p.pole NW cor.	
852	327.070	48th Street North	Lexington	R/R spk in p.pole	
853	210.204	48th Street North	Pearl St.	Brass mon.	
854	248.518	48th Street North	Vassault	Brass mon.	
855	384.324	48th Street South	A St.	Surface brass mon.	
856	357.435	48th Street South	Alaska St.	Brass mon.	
857	338.534	48th Street South	Asotin St.	Brass mon.	
858	252.827	48th Street South	Burlington	Surface brass mon.	
859	353.887	48th Street South	Cushman Ave.	X in NE cor. bot. step of house #4802 S. Cushman	
860	352.890	48th Street South	Cushman Ave.	Brass mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
861	308.641	48th Street South	Entr. to Orchard	R/R spk in p. pole	
862	341.909	48th Street South	Ferry St.	Brass mon. in NW 1/4 of intersection	
863	302.534	48th Street South	Gove St.	R/R spk in p.pole #108005 with light	
864	389.553	48th Street South	I St.	Brass mon.	
865	394.320	48th Street South	J St.	Brass mon. to N.	
866	396.084	48th Street South	J St.	Brass mon. to S.	
867	392.103	48th Street South	K St.	Brass mon. to S.	
868	374.992	48th Street South	L St.	Brass mon. to S.	
869	369.707	48th Street South	M St.	Brass mon. E.	
870	369.849	48th Street South	M St.	X in NW cor. bot. step of house #1302 S. 48th	
871	375.397	48th Street South	N. Fawcett Ave.	Surface brass mon.	
872	364.061	48th Street South	N. G St.	Surface brass mon.	
873	301.268	48th Street South	Oakes St.	Surface brass mon. 2' E. of gutter line	1/13/2000
874	342.953	48th Street South	Pacific Ave.	Hi lead in mon. casting	
875	367.148	48th Street South	Park Ave.	Surface brass mon.	
876	303.897	48th Street South	Pine St.	Brass mon. in case	1/12/2000
877	362.273	48th Street South	S. Bell St.	Surface brass mon.	
878	351.315	48th Street South	S. C St.	Surface brass mon.	
879	356.366	48th Street South	S. D St. (N)	Surface brass mon.	
880	364.492	48th Street South	S. D St. (S)	Surface brass mon.	
881	308.847	48th Street South	S. Entr. To Town Conc.	R/R spk in p.pole NE cor. S. entr. to Town Concr.	
882	376.631	48th Street South	S. Fawcett Ave.	Surface brass mon.	
883	364.540	48th Street South	S. G St.	Surface brass mon.	
884	351.346	48th Street South	Sheridan Ave.	Brass mon.	
885	354.633	48th Street South	Sheridan Ave.	X in NW cor. bot. step of house #4801 S. Sheridan	
886	369.843	48th Street South	Tacoma Ave.	Surface brass mon.	
887	376.453	48th Street South	Thompson Ave.	Surface brass mon.	
888	379.741	48th Street South	Thompson Ave.	Brass mon. to N.	
889	258.082	48th Street South	Union Ave.	Brass mon. 50' N. of intersection	
890	296.826	48th Street South	Village Apts. Orchard Street	Surface brass mon.	
891	256.226	48th Street South	Washington	Surface brass mon.	
892	368.214	48th Street South	Yakima Ave.	Surface brass mon.	
893	427.825	49th Avenue NE	House #3706	RR spk in p. pole #195009 E. side of road	
894	408.091	49th Avenue NE	House #4007	RR spk in p. pole #195003 E. side of road	
895	447.088	49th Avenue NE	NE 34th St	RR spk in back of p. pole #195015 on NE cor	
896	442.683	49th Avenue NE	NE 35th St	RR spk in p. pole #195014 E. side of road	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
897	404.376	49th Avenue NE	NE 41st St	X in center of Hyd NW cor	
898	398.782	49th Avenue NE	NE 42nd St	RR spk in p. pole #203013 E. side of road	
899	393.278	49th Avenue NE	NE 43rd St	RR spk in p. pole #43/1 NE cor	
900	452.858	49th Avenue NE	Norpoint Way	Surface brass mon	
901	453.860	49th Avenue NE	Norpoint Way	RR spk in p. pole SE cor	
902	439.737	49th Avenue NE	Norpoint Way	RR spk in pole #1955027 approx 600' W. at 49th	
903	283.988	49th Street South	Gove St.	R/R spk in p.pole	
904	283.579	49th Street South	Verde (Approx)	R/R spk in p.pole #SW-P2	
905	252.532	50th Street South	Burlington	Surface brass mon.	
906	254.566	50th Street South	Washington	Surface brass mon.	
907	328.195	51st Street NE	630' W. of Frances Ave	Surface brass mon.	
908	336.138	51st Street NE	Beverly Ave.	R/R spk in p.pole NE cor.	
909	338.178	51st Street NE	Browns Pt Blvd	R/R spk in p.pole NW cor.	
910	333.809	51st Street NE	Frances Ave.	R/R spk in p.pole NE cor.	
911	337.408	51st Street NE	Green Hills Ave	#50 penny nail in p.pole NE cor.	
912	317.973	51st Street NE	Harbor View Dr	Spk in p.pole on NW cor.	
913	335.942	51st Street NE	House #1517	X in NW bolt Steel St. light	
914	294.366	51st Street NE	Slayden Rd.	R/R spk in light pole 200' NE of Varco Road	
915	276.953	51st Street NE	Varco Rd. NE	R/R spk in p.pole NW cor.	
916	94.110	51st Street North	Bennett St.	Brass mon. N.	
917	205.849	51st Street North	Frace St.	Brass mon.	12/19/1994
918	149.746	51st Street North	Highland St.	Brass mon. W.	
919	216.722	51st Street North	Lexington St.	Brass mon.	12/19/1994
920	220.957	51st Street North	Mildred St	X in westerly bolt St. light #51/1. NE cor intx	12/19/1994
921	160.976	51st Street North	Pearl St.	Brass mon.	
922	40.796	51st Street North	Ruston Way	X in SW cor. conc. slab entr. of Emplymt & Safety off. Of Smelter (doorway)	
923	111.681	51st Street North	Shirley St.	Brass mon.	
924	197.895	51st Street North	Vassault St.	Brass mon. E.	
925	201.489	51st Street North	Whitman St.	Brass mon.	12/19/1994
926	127.194	51st Street North	Winnifred St.	Brass mon. W.	
927	453.317	52nd Avenue NE	Norpoint Way	Surface brass mon	
928	253.007	52nd Street South	Washington	Surface brass mon.	
929	431.401	53rd Avenue NE	NE 29th St	X in conc base of SE leg of Bonneville Tower	
930	441.176	53rd Avenue NE	NE 31st	RR spk in p. pole SE cor	
931	449.197	53rd Avenue NE	NE 32nd St	Nail in p. pole E side	
932	452.494	53rd Avenue NE	Norpoint Way	X on SE cor of conc. City Light vault in yard of house #3302	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
933	9.478	54th Ave East	12Th St. East	Top of bolt on NW corner of traffic signal strain pole at the NE corner of intersection	
934	9.588	54th Ave East	4th St. East	WSDOT brass mon in casing	
935	419.623	54th Avenue NE	NE 29th St.	Brass in casting	
936	432.463	54th Avenue NE	Norpoint Way	X on back walk at conc. driveway for house #5365 E. edge of drive	
937	256.252	54th Street South	Washington	Surface brass mon.	
938	407.348	55th Avenue NE	NE 29th St.	Brass in casting	
939	420.968	55th Avenue NE	Norpoint Way	X on conc. City Light vault SW cor. of Vault in yard of house #5501 on NE cor	
940	251.780	55th Street South	Burlington	P.C. mon (surface) 240' N. of S. 56th & R/R tracks	
941	405.994	56th Avenue NE	NE 29th St.	Brass in casting	
942	419.783	56th Avenue NE	Norpoint Wy.	X on SW cor. of bot. conc. step of house #5513	
943	378.847	56th Street East	A St.	Brass mon.	
944	393.443	56th Street East	E. B St.	Brass mon. N.	
945	379.884	56th Street East	E. B St.	Brass mon. S.	
946	373.314	56th Street East	E. C St.	Brass mon.	
947	363.100	56th Street East	E. D St.	Brass mon.	
948	366.950	56th Street East	E. E St.	Brass mon.	
949	382.447	56th Street East	E. F St.	Brass mon. (add line)	
950	393.825	56th Street East	E. G St.	Brass mon.	
951	326.366	56th Street East	E. Hill St.	Brass mon. 110' W. of E. N St.	
952	401.911	56th Street East	E. I St.	Brass mon.	
953	409.061	56th Street East	E. J St.	Brass mon.	
954	401.017	56th Street East	E. K St.	Brass mon.	
955	353.123	56th Street East	E. L St.	Brass mon.	
956	330.161	56th Street East	E. M St.	Brass mon.	
957	324.989	56th Street East	E. N St.	Brass mon.	
958	404.684	56th Street East	McKinley Ave.	Brass mon.	
959	344.423	56th Street East	Pipeline Rd.	R/R spk in p.pole NE cor.	
960	325.285	56th Street East	Portland Ave.	Surface brass mon.	
961	326.366	56th Street East		Brass mon. 110' W. of E. N St.	
962	250.056	56th Street South	Adams St.	Surface brass mon.	
963	350.531	56th Street South	Alaska St.	X on SW bolt of light std. NE cor.	
964	273.519	56th Street South	Alder St.	Brass mon. S.	
965	344.605	56th Street South	Asotin St.	Brass mon.	
966	350.800	56th Street South	Bell St.	Brass mon.	
967	252.053	56th Street South	Birmingham	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
968	275.067	56th Street South	Cedar St.	Brass mon. S.	
969	290.551	56th Street South	Cheyenne St.	Surface brass mon.	
970	336.755	56th Street South	Cushman Ave.	R/R spk in p.pole SE cor.	
971	368.768	56th Street South	D St.	X on top of steel base light std. SW cor.	
972	240.480	56th Street South	Durango St.	Brass mon.	
973	390.220	56th Street South	Fawcett Ave.	X on top of steel base light std. NW cor.	
974	299.449	56th Street South	Ferdinand St.	Surface brass mon.	
975	338.685	56th Street South	Ferry St.	Surface brass mon. on Ferry 157' S. of centerline	
976	291.344	56th Street South	Fife St.	Brass mon. N side of road	
977	397.380	56th Street South	G St.	R/R spk in p.pole SW cor.	
978	291.715	56th Street South	Gove St.	Surface brass mon.	
979	303.881	56th Street South	Huson St.	Surface brass mon.	
980	380.667	56th Street South	I St.	X in SW bolt of light std. NE cor.	
981	341.038	56th Street South	I-5 Exit & 56th	Brass mon in sidewalk E. 1/4 cor., Sec. 19, W. 1/4 cor. Sec. 20	
982	377.759	56th Street South	J St.	X in SW bolt of light std. NW cor.	
983	277.772	56th Street South	Junett St.	Brass mon. S.	
984	361.768	56th Street South	K St.	X in SW bolt of light std. NE cor.	
985	354.422	56th Street South	L St.	Brass mon. 75' W. of intersection	
986	250.787	56th Street South	Lawrence (N.)	Brass mon.	
987	250.540	56th Street South	Lawrence (S.)	Brass mon.	
988	346.498	56th Street South	M St.	Brass mon.	
989	237.621	56th Street South	Madison St.	Brass mon.	
990	259.734	56th Street South	Manitou Way	Top bolt SE cor. of orn. light NW cor. of inters.	
991	268.142	56th Street South	Manitou Way	Surface brass mon. P.I. mon. 213' W. at intersec.	
992	268.127	56th Street South	Mason Ave.	P.I. brass mon. 213' W. of Manitou Way	
993	239.450	56th Street South	Monroe St.	Brass mon.	
994	261.806	56th Street South	Montgomery St.	Brass mon. S.	
995	295.498	56th Street South	Mullen St.	Surface brass mon.	
996	296.835	56th Street South	Oakes St.	Brass mon.	
997	297.187	56th Street South	Oakes St.	X on SW bolt of light std. NW cor.	
998	303.891	56th Street South	Orchard St.	Sec. line surface brass mon.	
999	306.339	56th Street South	Orchard to S.	Surface brass mon.	
1000	347.940	56th Street South	Pacific Ave.	Top of bolt SW cor. of light std. NE cor.	
1001	387.604	56th Street South	Park Ave.	X in SW bolt of light std. NE cor.	
1002	288.337	56th Street South	Pine St.	Brass mon. N.	
1003	238.983	56th Street South	Proctor St.	Brass mon.	
1004	298.127	56th Street South	Prospect St.	Brass mon. in walk N. side of road	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1005	252.304	56th Street South	Puget Sound	Brass mon.	
1006	254.163	56th Street South	S. Tac. Way	Hi lead in mon.	
1007	344.043	56th Street South	Sheridan Ave.	Brass mon.	
1008	332.872	56th Street South	Steele St.	Brass mon. N. side road 50' E. of light std. #81	
1009	286.384	56th Street South	Stevens	Brass mon.	
1010	388.810	56th Street South	Thompson Ave.	Brass mon.	
1011	348.175	56th Street South	Trafton St.	Brass mon. 50' S. of edge of walk	
1012	324.250	56th Street South	Wapato St.	Brass mon. in walk N. side road opp. light std.#82	
1013	250.707	56th Street South	Warner St.	Brass mon.	
1014	253.630	56th Street South	Washington	Surface brass mon.	
1015	387.813	56th Street South	Yakima Ave.	Brass mon.	
1016	387.990	56th Street South	Yakima Ave.	X in SW bolt on light std. NE cor.	
1017	423.110	57th Avenue NE	House #3202	R/R spk in p.pole opp. house #3202	
1018	405.609	57th Avenue NE	NE 29th St.	Brass in casting	
1019	419.769	57th Avenue NE	Norpoint Wy	X on SW cor of City Light vault in yard of house #5607	
1020	331.217	57th Street East	E. M St.	X on SW cor. conc. bot. step house #5615	
1021	400.879	58th Avenue NE	NE 29th St.	Surface brass mon. E.	
1022	390.871	59th Avenue NE	NE 29th St.	Surface brass mon. E.	
1023	336.726	59th Street East	E. M St.	Surface brass mon.	
1024	328.050	59th Street East	House #1630	X in conc. slab SE cor. near door of house #1630	
1025	354.908	59th Street East	House #1726	X in conc. slab NE cor. near door of house #1726	
1026	351.513	59th Street East	House #1928	X in conc. slab NE cor. near garage door hse #1726	
1027	416.585	59th Street East	McKinley Ave.	Brass mon.	
1028	326.829	59th Street East	Portland Ave.	Brass mon.	
1029	398.008	60th Avenue NE	NE 29th St.	Surface brass mon. E.	
1030	342.649	60th Street East	E. M St.	Surface brass mon.	
1031	331.538	60th Street East	E. Q St.	X in N. cor. conc. base City light SE cor.	
1032	359.977	60th Street East	E. S St.	X in S. cor. conc. base City light NE cor.	
1033	344.721	60th Street East	E. T St.	Surface brass mon. E.	
1034	419.203	60th Street East	McKinley Ave.	Brass mon.	
1035	342.237	60th Street East	Pipeline Road	Brass mon. E. side of road E. R/W line	
1036	328.845	60th Street East	Portland Ave.	Brass mon. W.	
1037	246.400	60th Street South	Adams	Surface brass mon.	
1038	333.872	60th Street South	Sprague	Surface brass mon.	
1039	414.131	61st Avenue NE	NE 29th St.	Surface brass mon.	
1040	353.438	61st Street East	E. M St.	Surface brass mon.	
1041	338.641	61st Street East	E. Q St.	X in N. cor. conc. base City light SE cor.	
1042	368.104	61st Street East	E. S St.	X in S. cor. conc. base City light NE cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1043	346.163	61st Street East	E. T St.	Surface brass mon.	
1044	421.785	61st Street East	McKinley Ave.	Brass mon.	
1045	355.776	61st Street East	Pipeline Road	R/R spk in guy pole E. side of road approx. 195' SE of E. 61st St	
1046	343.938	61st Street East	Portland Ave.	Brass mon. W.	
1047	419.620	62nd Avenue NE	NE 29th St.	Surface brass mon.	
1048	367.353	62nd Street East	E. M St.	Surface brass mon.	
1049	357.706	62nd Street East	E. Q St.	Brass mon.	
1050	375.143	62nd Street East	E. S St.	X in S. cor. conc. base City light NE cor.	
1051	354.063	62nd Street East	E. T St.	X in N. cor. conc. base City light	
1052	423.911	62nd Street East	McKinley Ave.	Brass mon.	
1053	311.161	62nd Street East	Pipeline Road	R/R spk in light pole SE corn. pole #2124	
1054	367.285	62nd Street East	Portland Ave.	Brass mon. W.	
1055	240.817	62nd Street South	Adams	Surface brass mon.	
1056	247.949	62nd Street South	Alder St.	Brass in casting	
1057	309.423	62nd Street South	Cheyenne	Surface brass 236' N. of intersection	
1058	314.447	62nd Street South	Cheyenne	Bolt in p.pole NW cor.	
1059	269.054	62nd Street South	Clement Ave.	Brass in casting	
1060	266.719	62nd Street South	Fife St.	Surface brass mon.	
1061	273.826	62nd Street South	Gove	R/R spk in p.pole NW cor.	
1062	268.593	62nd Street South	Junett St.	R/R spk in guy pole SW cor.	
1063	257.605	62nd Street South	Lawrence St.	Brass in casting	
1064	285.500	62nd Street South	Manitou	R/R spk in p.pole. 50' S. of inters. W. side road	
1065	301.417	62nd Street South	Mason	Surface bras mon.	
1066	248.920	62nd Street South	Montgomery St.	Brass in casting	
1067	265.850	62nd Street South	Mullens	Surface brass mon.	
1068	264.914	62nd Street South	Oakes St.	Brass in casting	
1069	272.499	62nd Street South	Pine St.	R/R spk in p.pole NW cor.	
1070	273.401	62nd Street South	Prospect	Surface brass mon.	
1071	314.997	62nd Street South	Stevens	Surface brass mon.	
1072	298.660	62nd Street South	Tyler Court	Surface brass mon.	
1073	314.863	62nd Street South	Verde	Surface brass mon.	
1074	266.095	62nd Street South	Wapato St.	X on NE cor. bot. conc. step house #6202 Wapato	
1075	262.979	62nd Street South	Warner St.	R/R spk in p.pole SW cor.	
1076	376.796	63rd Street East	E. M St.	Surface brass mon.	
1077	374.080	63rd Street East	E. Q St.	X in S. cor. conc. base City light.	
1078	383.682	63rd Street East	E. S St.	X in N. cor. conc. base City light SE cor.	
1079	362.061	63rd Street East	E. T St.	X in S. cor. conc. base City light NW cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1080	424.808	63rd Street East	McKinley Ave.	Brass mon.	
1081	374.327	63rd Street East	Pipeline Rd.	R/R spk in guy pole E side Pipeline Road & E. 63rd	
1082	384.567	63rd Street East	Portland Ave.	Brass mon. W.	
1083	409.281	64th Avenue NE	NE 24th St.	R/R spk p.pole #182004 SE cor of intersection	
1084	407.057	64th Avenue NE	NE 25th St.	MIC	
1085	406.938	64th Avenue NE	NE 26th St.	MIC	
1086	401.911	64th Avenue NE	NE 27th St.	MIC	
1087	399.229	64th Avenue NE	NE 28th ST	MIC	
1088	399.196	64th Avenue NE	NE 28th St.	Brass Mon. in Casting	
1089	399.062	64th Avenue NE	NE 28th St.	Spk in p.pole SE cor.	
1090	396.740	64th Avenue NE	NE 29th St.	X on conc. at Fotomat (W. end)	
1091	397.514	64th Avenue NE	NE 29th St.	R/R spk in p.pole NE cor.	
1092	385.326	64th Street East	A St.	R/R spk p.& tel.pole NE cor.	
1093	393.376	64th Street East	A St.	R/R spk p.& tel.pole front of house #121 E. 64th	
1094	399.334	64th Street East	E. B St.	R/R spk p.& tel.pole #1/5 NW cor.	
1095	385.892	64th Street East	E. D St.	R/R spk p.& tel.pole #2/5 NW cor.	1/21/2000
1096	386.349	64th Street East	E. D St.	Surface brass mon.	1/21/2000
1097	405.531	64th Street East	E. E St.	R/R spk p.& tel.pole #4/3 NW cor.	1/21/2000
1098	409.505	64th Street East	E. F St.	R/R spk p.& tel.pole NW cor.	1/21/2000
1099	410.290	64th Street East	E. F St.	Surface brass mon. to S. (W. mon.)	1/21/2000
1100	412.112	64th Street East	E. F St.	Surface brass mon. to N. (E. mon.)	1/21/2000
1101	414.436	64th Street East	E. F St.	R/R spk p.& tel.pole front of house #609 E. 64th	1/21/2000
1102	420.797	64th Street East	E. G St.	X in SW bolt R/R sig base N. side of 64th	1/21/2000
1103	417.885	64th Street East	E. I St.	R/R spk p.& tel.pole NW cor.	
1104	415.564	64th Street East	E. J St.	R/R spk p.& tel.pole NE cor.	
1105	423.328	64th Street East	E. K St.	R/R spk p.& tel.pole NW cor.	
1106	416.995	64th Street East	E. K St.	R/R spk p.pole front of house #1117 E. 64th	
1107	397.687	64th Street East	E. L St.	R/R spk p.& tel.pole NE cor.	
1108	393.780	64th Street East	E. M St.	R/R spk p.& tel.pole front of house #1321 E. 64th	
1109	384.536	64th Street East	E. M St.	R/R spk NE cor.	
1110	375.294	64th Street East	E. S St.	X on SE cor. bot. conc. step house #1923 E. 64th	
1111	387.446	64th Street East	E. S St.	R/R spk in p.pole NE cor.	
1112	366.475	64th Street East	E. T St.	R/R spk in p.pole N. side of E. 64th bet. Houses #1927 & #2007	
1113	357.397	64th Street East	Homestead Ave.	R/R spk in p.pole N. side of intersection	
1114	383.774	64th Street East	House #1919	R/R spk in p.pole N. side of street near hse #1919	
1115	416.818	64th Street East	Howe St.	SW cor. of bot. conc. step House #1121	
1116	426.008	64th Street East	McKinley Ave.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1117	423.293	64th Street East	McKinley Ave.	SE cor. bot. conc. step sidewalk house #823	
1118	384.653	64th Street East	Pipeline Rd.	R/R spk in p.pole NE cor.	
1119	400.468	64th Street East	Portland Ave.	Brass mon. W.	
1120	395.145	64th Street East	Portland Ave.	X on NW cor. bot. conc. step house #6317 Portland	
1121	376.706	64th Street East	Roosevelt Ave.	R/R spk in p.pole #H-2 front of house #2217 E. 64	
1122	357.193	64th Street East	Roosevelt Ave.	Spk in prim. power pole	
1123	368.333	64th Street South	Alaska St.	R/R spk in pole #114 W. side of street	
1124	385.055	64th Street South	C St.	Brass mon.	
1125	383.313	64th Street South	D St.	Brass mon.	
1126	392.647	64th Street South	Fawcett Ave.	Brass mon.	
1127	397.492	64th Street South	G St.	Brass mon.	
1128	374.032	64th Street South	I St.	Brass mon.	
1129	364.887	64th Street South	J St.	Brass mon.	
1130	375.233	64th Street South	K St.	Brass mon.	
1131	379.280	64th Street South	L St.	Brass mon.	
1132	255.602	64th Street South	Lakewood Dr.W.	R/R spk in SE cor.	
1133	393.746	64th Street South	M St.	Brass mon. S.	
1134	273.315	64th Street South	Manitou Way	Brass mon.	
1135	256.269	64th Street South	Mullen St.	Brass mon.	
1136	265.757	64th Street South	Oakes St.	Brass mon. E.	
1137	386.721	64th Street South	Pacific Ave.	Brass mon.	
1138	385.568	64th Street South	Pacific Ave.	R/R spk in p.pole front of house #115 S. 64th	
1139	399.410	64th Street South	Park Ave.	Brass mon.	
1140	260.735	64th Street South	Puget Sound	Brass mon.	
1141	367.589	64th Street South	Sheridan Ave.	R/R spk in p.pole #CO-SW/1 SW cor.	
1142	319.913	64th Street South	Sprague Ave.	Surface brass mon. 472' N. of S. 64th St.	
1143	318.675	64th Street South	Sprague Ave.	Surface brass mon.	
1144	400.671	64th Street South	Tacoma Ave.	Brass mon.	
1145	374.953	64th Street South	Thompson Ave.	Brass mon.	
1146	258.433	64th Street South	Wapato St.	Surface brass mon. E.	
1147	382.970	64th Street South	Yakima Ave.	Brass mon.	
1148	383.638	64th Street South	Yakima Ave.	X on SE bolt of light std. NW cor.	
1149	420.170	65th Avenue NE	NE 19th St.	SBM	
1150	413.625	65th Avenue NE	NE 20th St.	SBM	
1151	413.710	65th Avenue NE	NE 21st St.	MIC	
1152	415.708	65th Avenue NE	NE 22nd Area	Boat spk p.pole @ 2209 NE 65th Ave.	
1153	416.087	65th Avenue NE	NE 22nd Area	R/R spk p.p. East side NE 65th Ave. So. Of house #2215	
1154	415.546	65th Avenue NE	NE 24th St.	R/R spk p.pole #182005 @ NE corner of intersection	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1155	386.414	65th Street East	M. St.	Surface brass mon.	
1156	390.924	66th Street East	M. St.	X on NE cor. conc. landing house #6514	
1157	415.570	66th Street East	Portland Ave.	Surface brass mon.	
1158	254.020	66th Street South	52nd Ave. W.	Brass mon.	
1159	254.218	66th Street South	53rd Ave. W.	R/R spk p.pole #6447 NE cor.	
1160	234.031	66th Street South	Adams St.	Brass in casting	
1161	233.600	66th Street South	Adams St.	Surface brass mon. 700' + N. of S. 66th	
1162	354.750	66th Street South	Alaska St.	R/R spk in pole #130 W. side of street	
1163	248.375	66th Street South	Alder St.	Brass mon.	
1164	256.984	66th Street South	Cheyenne St.	Brass mon.	
1165	268.512	66th Street South	Clement St.	Brass mon. E.P.L.	
1166	235.829	66th Street South	Durango St.	Brass mon.	
1167	254.765	66th Street South	Ferdinand St.	Brass mon.	
1168	256.047	66th Street South	Gove St.	Brass mon.	
1169	253.757	66th Street South	Huson St.	Brass mon.	
1170	269.498	66th Street South	Junett St.	R/R spk in p.pole SE cor.	
1171	252.476	66th Street South	Lakewood Dr.W.	Brass mon.	
1172	251.787	66th Street South	Lawrence St.	R/R spk in p.pole SW cor.	
1173	246.946	66th Street South	Madison St.	Brass mon.	
1174	258.690	66th Street South	Mason St.	Brass mon. N.	
1175	255.170	66th Street South	Monroe St.	Brass mon.	
1176	246.057	66th Street South	Montgomery St.	R/R spk in p.pole SE cor.	
1177	254.482	66th Street South	Mullen St.	Brass mon.	
1178	269.543	66th Street South	Oakes St.	Brass mon.	
1179	271.257	66th Street South	Oakes St.	X in N. end bot. conc. step #6602 S. Oakes	
1180	269.563	66th Street South	Oakes St.	R/R spk in p.pole SE cor.	
1181	254.561	66th Street South	Orchard St.	Brass mon.	
1182	269.257	66th Street South	Pine St.	R/R spk in light pole	
1183	239.898	66th Street South	Proctor St.	Brass mon.	
1184	256.487	66th Street South	Puget Sound	R/R spk in p.pole NE cor.	
1185	255.489	66th Street South	S. Tac. Way	R/R spk in p.pole SE cor.	
1186	318.534	66th Street South	Sprague Ave.	Brass mon.	
1187	257.977	66th Street South	Stevens St.	Brass mon.	
1188	259.173	66th Street South	Tyler St.	Brass mon.	
1189	257.031	66th Street South	Verde St.	Brass mon.	
1190	261.695	66th Street South	Wapato St.	R/R spk in p.pole SE cor.	
1191	256.525	66th Street South	Warner St.	R/R spk in p.pole SW cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1192	92.840	67th Avenue NE	NE 19th St.	X on SE cor. conc. slab porch step of house #6629 NE 29th St	
1193	87.702	67th Avenue NE	NE 19th St.	Spk in p.pole #6715 bet. house #6707 & 6713	
1194	396.511	67th Street East	M. St.	R/R spk in p.pole NE cor.	
1195	419.545	67th Street East	Portland Ave.	Surface brass mon. E.	
1196	411.255	68th Avenue NE	300' E. of City Limits/ 125' N. of NE 19th St	Nut 18" high on W. side SW leg of E. trans. tower	
1197	391.878	68th Avenue NE	NE 19th St.	Spk in p.pole approx. 160' E. of NE 68th Ave. (City Limits)	
1198	416.140	68th Street East	L St.	X on end back walk N. P.L. house #6802	
1199	399.808	68th Street East	M. St.	Surface brass mon. E.	
1200	420.800	68th Street East	Portland Ave.	Surface brass mon.	
1201	265.579	68th Street South	Wapato St.	Brass in casting	
1202	416.797	69th Street East	L St.	Surface brass mon.	
1203	348.331	6th Avenue	Cedar St.	Copper in mon.	
1204	388.895	6th Avenue	Adams St.	Copper in mon.	
1205	357.386	6th Avenue	Alder St.	Brass mon.	
1206	360.091	6th Avenue	Anderson St.	Copper in mon.	
1207	377.842	6th Avenue	Aurora	Spk in pole #233	
1208	181.575	6th Avenue	Broadway Ave.	Copper in mon.	
1209	357.924	6th Avenue	Cheyenne St.	Copper in mon.	
1210	13.208	6th Avenue	Circle Way	Brass mon. P.T. front of house #3422	
1211	380.757	6th Avenue	Division	Brass mon.	
1212	382.583	6th Avenue	Durango St.	Hi lead in mon.	
1213	301.140	6th Avenue	Fairview Dr.	Hi lead in mon.	
1214	230.853	6th Avenue	Fernside Dr.	Hi lead in mon.	
1215	363.087	6th Avenue	Fife St.	Copper in mon.	
1216	376.921	6th Avenue	Hawthorne St.	Brass mon.	
1217	343.946	6th Avenue	Highland Ave.	Brass mon.	
1218	362.029	6th Avenue	Howard St.	Surface brass mon.	
1219	49.379	6th Avenue	Hse #8328 6th A	v. Hi lead in sec. mon.	
1220	317.956	6th Avenue	I St.	Copper in mon.	
1221	314.573	6th Avenue	Jackson Ave.	Brass mon.	
1222	348.556	6th Avenue	Junett St.	Copper in mon.	
1223	214.517	6th Avenue	Karl Johan Ave.	Brass mon.	
1224	351.436	6th Avenue	L St.	Copper in mon.	
1225	124.569	6th Avenue	Laurel Lane	Brass mon.	
1226	376.019	6th Avenue	Lawrence St.	Hi lead in mon.	
1227	153.220	6th Avenue	Linden Lane	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1228	167.274	6th Avenue	Locust Lane	Copper in mon.	
1229	369.141	6th Avenue	Madison St.	Brass mon.	
1230	111.110	6th Avenue	Magnolia Lane	Copper in mon.	
1231	88.692	6th Avenue	Magnolia Lane	Hi lead in P.T. mon. W.	
1232	365.434	6th Avenue	Mason St.	Copper in mon.	
1233	346.236	6th Avenue	McArthur St.	Surface brass mon.	
1234	337.038	6th Avenue	Meyers St.	Brass mon. in casting	
1235	373.130	6th Avenue	Mildred St.	1873' E. of Mildred, X on top of SE nut of light std 24' E. of Mobil Station	
1236	375.231	6th Avenue	Mildred St.	Surface brass mon.	
1237	366.712	6th Avenue	Mildred St.	1043' E. of Mildred, X on SE cor. conc. base for Towers Lane sign	
1238	365.091	6th Avenue	Mildred St.	603' E. of Mildred, X on nut SE cor. light std. In front of Ernst Hdwr	
1239	375.231	6th Avenue	Mildred St.	Brass mon.	
1240	366.524	6th Avenue	Monroe St.	Copper in mon.	
1241	183.926	6th Avenue	Mt. View Ave.	Brass mon.	
1242	357.245	6th Avenue	Mullen St.	Copper in mon.	
1243	263.873	6th Avenue	N. Fernside	P.T.R.C. hi lead in mon.	
1244	362.985	6th Avenue	Oakes St.	Copper in mon.	
1245	335.660	6th Avenue	Orchard St.	Surface brass mon. (E.P.L.)	
1246	353.935	6th Avenue	Oxford St. S.	Surface brass mon.	
1247	343.268	6th Avenue	Pearl St.	Brass mon. E.	
1248	352.356	6th Avenue	Pine St.	Brass mon.	
1249	60.504	6th Avenue	Pole #283	Nail in p.pole #283	
1250	379.993	6th Avenue	Proctor St.	Brass mon.	
1251	380.300	6th Avenue	Proctor St.	X in NW cor. of light std. on bolt, SE cor.	
1252	361.967	6th Avenue	Prospect St.	Hi lead in mon.	
1253	381.747	6th Avenue	Puget Sound	Copper in mon.	
1254	369.826	6th Avenue	Rochester St.	Surface brass mon.	
1255	352.461	6th Avenue	Shirley St.	Hi lead in mon.	
1256	353.935	6th Avenue	Skyline Dr. N.	Surface brass mon.	
1257	380.464	6th Avenue	Sprague	Brass mon.	
1258	371.033	6th Avenue	State	Copper in mon.	
1259	358.621	6th Avenue	Steele	Brass mon. W.	
1260	377.600	6th Avenue	Stevens	Copper in mon.	
1261	139.505	6th Avenue	Sunset Dr.	Surface brass mon.	
1262	135.476	6th Avenue	Sunset Dr.	R/R spk in p.pole 75' W. of NW cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1263	282.927	6th Avenue	Tacoma Ave.	Copper in mon.	
1264	Stamped elev - 13.983. Published elev. (1982) - 13.907	6th Avenue	Titlow Road	U.S.C.& G.S. BM #0-13 std. Disk set 4" below oil mat surface 53" NW of NW RR signal & 4.4' E. of P. pole. #H2	
1265	13.954	6th Avenue	Titlow Road	Brass mon. P.C. 50' N.	
1266	13.810	6th Avenue	Titlow Road	Brass mon.	
1267	359.265	6th Avenue	Trafton	Copper in mon. W.	
1268	13.924	6th Avenue	U.S.C.&G.S. mon #013	Brass mon. along W. side of R/R tracks	
1269	385.533	6th Avenue	Union Ave.	Brass mon.	
1270	197.960	6th Avenue	Ventura Dr.	Brass mon.	
1271	364.484	6th Avenue	Verde St.	Copper in mon.	
1272	345.843	6th Avenue	Villard St.	X on top of NW nut base of flood light, 60' W. of Kmar sign	
1273	13.948	6th Avenue	Walters Road	Brass mon.	
1274	385.457	6th Avenue	Warner St.	Copper in mon.	
1275	390.677	6th Avenue	Washington	Copper in mon.	
1276	355.370	6th Avenue	Winnifred St.	Brass mon.	
1277	418.903	70th Street East	L St.	Surface brass mon.	
1278	418.756	70th Street East	Portland Ave.	X on SE cor. bot. conc. step house #6856	
1279	260.319	70th Street South	Alder St.	X in SW cor. First conc. Step hse# 3207 S 70th	1/5/2000
1280	259.183	70th Street South	Montgomery St	X in SE cor. Top landing for first set of steps #6845 Montgomery	1/5/2000
1281	244.749	70th Street South	Puget Sound Ave.	X @ BW/BW intx SE cor.	1/5/2000
1282	266.071	70th Street South	Wapato St.	Brass mon. 331.5' N of int.	
1283	265.382	70th Street South	Wapato St.	Brass in casting	
1284	418.605	71st Street East	L St.	Surface brass mon.	
1285	385.378	72nd Street East	B St.	Brass mon. S.	
1286	391.024	72nd Street East	D St.	Top bracket on face of new primary pole SE cor.	
1287	386.137	72nd Street East	D St.	Brass mon. in back of walk on SW cor.	
1288	400.356	72nd Street East	E St.	Brass mon.	
1289	413.706	72nd Street East	E. K St.	Mon. in casting	
1290	419.382	72nd Street East	E. L St.	Brass mon. in casting	
1291	413.870	72nd Street East	E. M St.	Brass mon.	
1292	408.270	72nd Street East	E. N St.	Brass mon. center sec.	
1293	398.180	72nd Street East	E. T St.	Brass mon.	
1294	408.868	72nd Street East	F St.	Brass mon.	
1295	410.302	72nd Street East	G St.	Brass mon.	
1296	400.469	72nd Street East	Grandview	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1297	417.844	72nd Street East	I St.	Surface brass mon.	
1298	412.642	72nd Street East	McKinley Ave.	R/R spk in p.pole NE cor.	
1299	413.530	72nd Street East	McKinley Ave.	X on E. side conc. base for R/R sign NW cor.	
1300	416.071	72nd Street East	Portland Ave.	X on 2-1/2"x2-1/2" vert. metal plate on metal p. pole NW cor.	
1301	378.215	72nd Street East	Roosevelt	Surface brass mon.	
1302	389.270	72nd Street East	Tac. City Lmts	Surface brass mon	
1303	388.298	72nd Street South	A St.	Brass mon.	
1304	319.659	72nd Street South	Alaska St.	S. edge of iron pipe mon.	
1305	258.516	72nd Street South	Alder St.	SE cor. Conc. Wall @ hse# 7232 Alder St.	1/5/2000
1306	316.781	72nd Street South	Ash St.	Brass mon. Hosmer St. entr.	
1307	391.479	72nd Street South	Bell St.	Brass mon.	
1308	381.227	72nd Street South	D St.	Brass mon.	
1309	378.852	72nd Street South	Fawcett Ave.	Brass mon.	
1310	377.473	72nd Street South	G St.	Brass mon.	
1311	319.252	72nd Street South	Hosmer St.	W. edge of iron pipe mon.	
1312	356.283	72nd Street South	I St.	Brass mon. W.	
1313	360.378	72nd Street South	J St.	Brass mon.	
1314	352.886	72nd Street South	K St.	Brass mon.	
1315	339.210	72nd Street South	L St.	Brass mon.	
1316	248.440	72nd Street South	Lakewood Dr.W.	Brass mon. at driveway of Meadow park Golf Course	
1317	339.375	72nd Street South	M St.	Brass mon.	
1318	250.839	72nd Street South	Mullen St.	R/R spk in p.pole #218 48/6	
1319	269.205	72nd Street South	Oaks St.	Brass mon.	
1320	397.658	72nd Street South	Pacific Ave.	Copper in mon. W.	
1321	398.474	72nd Street South	Pacific Ave.	X in SW cor. bolt of strain pole NW cor.	
1322	377.798	72nd Street South	Park Ave.	Brass mon.	
1323	256.118	72nd Street South	Puget Sound	R/R spk in p.pole NE cor.	
1324	348.731	72nd Street South	Sheridan Ave.	Brass mon.	
1325	377.267	72nd Street South	Tacoma Ave.	Brass mon.	
1326	356.695	72nd Street South	Thompson Ave.	Brass mon.	
1327	242.148	72nd Street South	Tyler St.	R/R spk in prim. pole #SW P.1 on W. side road bet. Houses #7214 & #7142 Tyler	
1328	249.839	72nd Street South	Wapato St.	Surface brass mon.	
1329	370.214	72nd Street South	Yakima Ave.	Brass mon.	
1330	386.155	73rd Street East	E. D St.	X in NW cor. underground transformer base E. side of E. D St. So. Of 72nd St.	
1331	320.670	74th Street South	300' W. of Sprague	Copper in mon. W.S.D.H. mon.	
1332	250.333	74th Street South	320' E. of Orchard	X in So. Edge light base, N. side 74th	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1333	388.566	74th Street South	A St.	Brass mon.	
1334	258.234	74th Street South	Cedar St.	Brass mon.	1/5/2000
1335	252.293	74th Street South	Fife St.	Brass mon.	
1336	231.994	74th Street South	Flett Creek	Spk in pole S. side of 74th	
1337	gone	74th Street South	Flett Dairy Rd	R/R spk in pole #208	10/8/2002
1338	251.676	74th Street South	Flett Dairy Rd	R/R spk in p.pole SW cor.	10/8/2002
1339	249.451	74th Street South	Lakewood Dr.	X on traffic control box on NW cor. on SE cor. Of intersection	
1340	259.800	74th Street South	Lawrence St.	Brass mon.	
1341	234.740	74th Street South	Madison St.	Spk in pole #182	
1342	240.528	74th Street South	Mason St.	R/R spk in pole SE cor.	
1343	241.818	74th Street South	Mason St.	SBM	
1344	238.638	74th Street South	Monroe St.	X on steel base street light N.E. corner	
1345	239.507	74th Street South	Monroe St.	R/R spk in pole SE cor.	
1346	259.565	74th Street South	Montgomery St.	Brass mon.	
1347	250.332	74th Street South	Mullen St.	X in So. Edge lightbase N.W. corner	
1348	250.053	74th Street South	Mullen St.	SBM	
1349	250.831	74th Street South	Mullen St.	R/R spk in p.pole	
1350	253.151	74th Street South	Oakes St.	Brass mon.	
1351	250.101	74th Street South	Orchard St.	R/R spk in p.pole SW cor.	
1352	249.991	74th Street South	Orchard St.	X in conc. slab in front of Carstens Auto body shop	
1353	398.960	74th Street South	Pacific	Copper in mon.	
1354	375.245	74th Street South	Park Ave.	Brass mon.	
1355	254.298	74th Street South	Pine St.	Brass mon.	1/5/2000
1356	231.752	74th Street South	Pole #170	Spk in pole S. side of 74th	
1357	253.710	74th Street South	Prospect St.	Brass mon.	
1358	263.748	74th Street South	Puget Sound	Brass mon.	
1359	261.053	74th Street South	S. Tac. Way	X in SW cor. conc. base for traff. cont. box NE cor.	
1360	261.488	74th Street South	S. Tac. Way	X in S.W. cor conc light base #144006	
1361	329.862	74th Street South	Sprague Ave.	N. edge of iron pipe mon.	
1362	238.343	74th Street South	Tyler St.	SBM	
1363	238.643	74th Street South	Tyler St.	R/R spk in pole S. side	
1364	250.869	74th Street South	Verde	X in So. Edge lightbase N.side 74h across from house #4611	
1365	270.738	74th Street South	Wapato St.	Brass mon.	
1366	264.625	74th Street South	Warner St.	Brass mon.	
1367	250.945	74th Street South		X in So. Edge light base, N. side 74th across from house #4408	
1368	249.786	74th Street South		SBM in front of Carstens Auto body shop	
1369	386.164	75th Street East	E. D St.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1370	392.577	76th Street East	E. D St.	R/R spk in p.pole #7633 E. side of E. D St. on S. P.L. house #7629 E. D St	
1371	388.959	76th Street South	A St.	Brass mon.	
1372	389.893	76th Street South	A St.	R/R spk in p.pole W. side for future 76th St. to W	
1373	350.020	76th Street South	Ainsworth	Brass in casting	
1374	308.170	76th Street South	Alaska	Brass in casting	
1375	336.058	76th Street South	Asotin	Brass in casting	
1376	386.349	76th Street South	C St.	Surface brass mon.	
1377	351.497	76th Street South	Cushman	Brass in casting	
1378	377.815	76th Street South	D St.	Surface brass mon.	
1379	371.435	76th Street South	Fawcett Ave.	Surface brass mon. N.	
1380	373.047	76th Street South	G St.	Surface brass mon. N.	
1381	318.578	76th Street South	Hosmer St.	Surface brass mon.	
1382	362.056	76th Street South	I St.	R/R spk in p.pole #141057 NW cor.	
1383	338.548	76th Street South	J St.	Surface brass mon.	
1384	339.550	76th Street South	J St. Approx.	R/R spk in p.pole #141031 on E. P.L. House #1021 76th W side of road	
1385	333.700	76th Street South	L. St. N.	R/R spk in p.pole #1123 NE cor. of inters. to N.	
1386	337.486	76th Street South	L. St. S.	R/R spk in p.pole #141030 N. side of inters. to S.	
1387	349.724	76th Street South	M St.	Surface brass mon.	
1388	400.049	76th Street South	Pacific	Copper in mon.	
1389	369.048	76th Street South	Park Ave.	Brass in casting	
1390	260.170	76th Street South	S. Tac. Way	Copper in mon.	
1391	346.396	76th Street South	Sheridan	Brass in casting	
1392	370.155	76th Street South	Tacoma Ave.	Surface brass mon. N.	
1393	367.140	76th Street South	Thompson	R/R spk in p.pole	
1394	305.254	76th Street South	Wilkeson	Brass in casting	
1395	303.976	76th Street South	Wilkeson	Plat mon. in casting W. side of 76th	
1396	375.339	76th Street South	Yakima Ave.	Surface brass mon.	
1397	397.551	78th Street East	E. D St.	Surface brass mon.	
1398	396.493	78th Street South	A St.	R/R spk in p.pole bet. house #7802 & #7806	
1399	199.324	7th Street South	St. Helens	Surface brass mon.	
1400	403.191	80th Street East	E. D St.	Surface brass mon.	
1401	395.986	80th Street South	A St.	Brass mon.	
1402	398.182	80th Street South	A St.	R/R spk in p.pole 84-61 opp. house #8013	
1403	344.245	80th Street South	I St.	X in NW cor. conc. base light std. SE cor.	
1404	337.192	80th Street South	J St.	Surface brass mon.	
1405	335.788	80th Street South	K St.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1406	333.548	80th Street South	L St.	Surface brass mon.	
1407	380.136	80th Street South	Park Ave.	Brass in casting	
1408	272.210	80th Street South	S. Tac. Way	Copper in mon.	
1409	335.972	80th Street South	Sheridan	Brass in casting	
1410	371.040	80th Street South	Thompson	Surface brass mon.	
1411	374.089	80th Street South	Yakima Ave.	Surface brass mon.	
1412	404.148	82nd Street East	E. D St.	R/R spk in p.pole #150023 NE cor.	
1413	278.532	82nd Street South	S. Tac. Way	Copper in mon.	
1414	404.219	83rd Street East	E. D St.	Surface brass mon.	
1415	392.356	84th Street East	E. B St.	X in W. end bot. conc. step house #210 E. 84th	
1416	403.093	84th Street East	E. D St.	X in W. end bot. conc. step house #403 E. 84th	
1417	400.696	84th Street East	E. D St.	Surface brass mon.	
1418	412.469	84th Street East	E. E St.	X in W. end bot. conc. step house #515 E. 84th	
1419	412.139	84th Street East	McKinley Ave.	X in W. end bot. conc. step house #633 E. 84th	
1420	400.541	84th Street South	A St.	Brass mon.	
1421	356.051	84th Street South	Ainsworth	X in bot. conc. step SW cor. house #1443	
1422	350.578	84th Street South	Ainsworth	Surface brass mon.	
1423	305.723	84th Street South	Alaska	X on conc. walk on bldg #1704 (NE cor. at complex)	
1424	318.972	84th Street South	Alaska	X on vert metal plate on metal p.pole at hse #1643	
1425	308.727	84th Street South	Alaska	Surface brass mon. S.	
1426	289.290	84th Street South	Alder St.	X on 2-1/2"x3-3/4" vert. metal plate on metal prim pole 110' E. of Alder	
1427	400.286	84th Street South	Bell St.	Brass mon.	
1428	385.744	84th Street South	C St.	Brass mon.	
1429	349.524	84th Street South	Cushman	Surface brass mon.	
1430	384.445	84th Street South	D St.	Brass mon. W.	
1431	296.665	84th Street South	East of Hosmer	X on vert. metal plate on metal p.pole	
1432	338.276	84th Street South	East of J St.	X on NE cor. conc. slab transf. base by house #906	
1433	376.942	84th Street South	Fawcett Ave.	Brass mon.	
1434	382.659	84th Street South	G St.	Brass mon.	
1435	315.047	84th Street South	Hosmer St.	Surface brass mon.	
1436	342.989	84th Street South	I St.	Surface brass mon.	
1437	296.665	84th Street South	In front of Somerset Apts.	X on 2-1/2"x2-3/4" vert. metal plat on metal prim. Pole	
1438	326.890	84th Street South	J St.	X on SW cor. conc. slab transf. base SW cor. int.	
1439	327.685	84th Street South	J St.	Surface brass mon.	
1440	335.494	84th Street South	L St.	X in NW cor. bot. conc. step house #1116 S. 84th	
1441	283.918	84th Street South	Lawrence	Surface brass mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1442	328.830	84th Street South	M St.	X on vert metal plate on metal p.pole	
1443	334.179	84th Street South	M St.	Surface brass mon. 191' E of M St.	
1444	330.275	84th Street South	M St.	Surface brass mon.	
1445	387.703	84th Street South	Pacific Ave.	Copper in mon.	
1446	377.335	84th Street South	Park Ave.	Brass mon.	
1447	281.986	84th Street South	Pine St.	Surface brass mon.	
1448	278.697	84th Street South	S. Tac. Way	Copper in mon.	
1449	341.263	84th Street South	Sheridan	X on vert metal plate on metal p.pole W of Sheridan	
1450	336.506	84th Street South	Sheridan	Surface brass mon.	
1451	319.151	84th Street South	Sprague	X in NE cor. of 3x3 conc. base of light std. SE cor	
1452	299.119	84th Street South	Sprague	X on 2-1/2"x3-3/4" vert. metal plate on metal prim pole 415' W of Sprague	
1453	379.437	84th Street South	Tacoma Ave.	Brass mon. E.P.L.	
1454	353.641	84th Street South	Thompson Ave.	Brass mon. N.	
1455	346.787	84th Street South	Thompson Ave.	Brass mon. S.	
1456	346.985	84th Street South	Thompson Ave.	X in bot. conc. step SW cor. house #857 S. 84th	
1457	283.809	84th Street South	Warner	X on 2-1/2"x3-3/4" vert. metal plate on metal prim pole N. side of intersection	
1458	287.805	84th Street South	Wilkeson St.	R/R spk in p.pole E. side of Robin Hood Apts	
1459	365.721	84th Street South	Yakima Ave.	Brass mon.	
1460	308.448	92nd Street South	Ainsworth St.	Surface brass 200' E. of Ainsworth	
1461	306.743	92nd Street South	Ainsworth St.	Surface brass	
1462	309.273	92nd Street South	Alaska St.	R/R spk in p.pole SW cor.	
1463	300.511	92nd Street South	Hosmer St.	Brass mon. surface	
1464	299.889	92nd Street South	House #1802	R/R spk in p.pole W. of hse #1802 S. side of 92nd	
1465	334.365	92nd Street South	J St.	R/R spk in p.pole #152012 SE cor.	
1466	316.183	92nd Street South	K St.	R/R spk in orn. light pole #152010 SE cor.	
1467	314.778	92nd Street South	L St.	R/R spk in p.pole #152009 SW cor.	
1468	372.353	92nd Street South	Park Ave.	Brass in casting	
1469	312.675	92nd Street South	Sheridan St.	Brass in casting	
1470	327.381	92nd Street South	Thompson St.	R/R spk in p.pole w/orn. light #152014, S. side	
1471	336.399	92nd Street South	Yakima Ave.	Surface brass mon. E. driving lane	
1472	405.299	96th Street East	E. B St.	X on NW cor. garden walk to hse #208 top of stairs	
1473	402.166	96th Street East	E. C St.	X in E. end conc. bot. step house #313 E. 96th	
1474	403.732	96th Street East	E. C St.	Surface brass mon.	
1475	398.209	96th Street East	E. D St.	X in W. end bot. conc. step house #402 E. 96th	
1476	398.247	96th Street East	E. D St.	Surface brass mon.	
1477	389.661	96th Street East	E. E St.	Spk in pole secondary with orn. light on S. side of E. 96th	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1478	387.649	96th Street East	E. F St.	X on E. end bot. conc. step house #617 E. 96th	
1479	385.007	96th Street East	McKinley Ave.	Spk in pole NW cor.	
1480	310.062	96th Street South	Ainsworth Ave.	R/R spk in pole 20' E. of hse #1443 on NE cor. 96th	
1481	308.645	96th Street South	Ainsworth Ave.	R/R spk in p.pole across from house #1627 S. 96th	
1482	311.394	96th Street South	Alaska St.	R/R spk p.pole #1701 NW cor.	
1483	313.695	96th Street South	Alaska St.	R/R spk in prim. pole across from hse #1751 S. 96th	
1484	380.661	96th Street South	Croft St.	Brass mon.	
1485	381.828	96th Street South	Fawcett Ave.	Brass mon.	
1486	287.061	96th Street South	Hosmer St.	Brass mon.	
1487	288.049	96th Street South	Hosmer St.	Spk in prim. pole SE cor.	
1488	326.440	96th Street South	I Street	Spk in prim. pole on S. side of road 110' W. of Barnes Lane	
1489	325.995	96th Street South	K St.	Spk in prim. pole 300' E. of K St.	
1490	327.013	96th Street South	K St.	Spk in pole SW cor.	
1491	325.778	96th Street South	L St.	Spk in pole 125' E. of L on N. side of 96th	
1492	320.456	96th Street South	L St.	Spk in pole S. side of 96th	
1493	380.191	96th Street South	Pacific Ave.	Brass mon.	
1494	357.887	96th Street South	Park Ave.	Brass mon.	
1495	381.258	96th Street South	Patterson St.	Brass mon.	
1496	321.187	96th Street South	Sheridan Ave.	Spk in pole S. side of 96th 300' E. of Sheridan	
1497	321.801	96th Street South	Sheridan Ave.	Brass mon.	
1498	312.584	96th Street South	Sheridan Ave.	R/R spk in p.pole 25' E. of house #1415 S. 96th	
1499	367.622	96th Street South	Tacoma Ave.	Brass mon.	
1500	334.297	96th Street South	Yakima Ave.	X on SE cor. bot. conc. step house #803 S. 96th	
1501	329.318	96th Street South	Yakima Ave.	X on SE cor. bot. conc. step house #827 S. 96th	
1502	109.461	9th Street South	A St.	Copper in mon.	
1503	375.200	9th Street South	Ainsworth	Brass in casting	
1504	124.760	9th Street South	Commerce	Surface brass mon.	
1505	262.034	9th Street South	Cushman	Brass in casting	
1506	381.246	9th Street South	Grant	Brass in casting	
1507	324.825	9th Street South	I St.	Brass in casting	
1508	332.045	9th Street South	J St.	Brass in casting	
1509	346.881	9th Street South	K St.	Copper in mon.	
1510	351.280	9th Street South	L St.	Brass in casting	
1511	351.830	9th Street South	M St.	Brass in casting	
1512	180.626	9th Street South	Market	Mon.	
1513	376.176	9th Street South	Ridgewood	Brass in casting	
1514	355.852	9th Street South	Sheridan	Brass in casting	
1515	377.000	9th Street South	Sprague	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1516	255.697	9th Street South	Tacoma Ave.	Copper in mon.	
1517	305.681	9th Street South	Yakima Ave.	Surface brass mon.	
1518	74.538	A Street	Bet. 12th & 13th	Top of conc. base of orn. light, on E. side, 83' N. of 13th St Gutter line	
1519	40.498	A Street	E. 15th St.	X on NW cor. steel base R/R sig. on S. side of intersection	
1520	387.945	A Street	E. 96th	Surface brass mon.	
1521	401.022	A Street	P.Pole by house #8424	Spk in p.pole N. of house #8424 prim. pole W. side road	
1522	397.686	A Street	P.Pole by house #8448	Spk in p.pole S. of house #8448 prim. pole W. side road	
1523	393.310	A Street	P.Pole by house #8626	Spk in p.pole S. of house #8626 sec. pole W.side road	
1524	395.437	A Street	P.Pole by house #8636	Spk in p.pole S. of house #8636 prim. pole W. side road	
1525	390.387	A Street	P.Pole by house #8812	Spk in p.pole opp. house #8812 sec. pole W. side road	
1526	389.322	A Street	P.Pole by house #8838	Spk in p.pole opp. house #8838 sec. pole W. side road	
1527	387.814	A Street	P.Pole by house #9033	Spk in p.pole #153069 opp. house #9033 sec. Pole W. side road	
1528	385.275	A Street	P.Pole by house #9229	Spk in p.pole opp. house #9229 prim. pole W. side road	
1529	385.517	A Street	P.Pole by house #9426	Spk in p.pole #42 S. of house #9426 prim. pole W. side road	
1530	49.386	A Street	Puyallup Ave.	Brass mon.	
1531	102.518	A Street	S. 10th	Copper in mon.	
1532	93.780	A Street	S. 11th	Top of conc. base (NE cor.) of ornamental light on NW Corner	
1533	79.926	A Street	S. 12th	Copper in mon.	
1534	70.654	A Street	S. 13th	Copper in mon.	
1535	57.789	A Street	S. 14th	Copper in mon.	
1536	335.303	A Street	S. 38th	Brass mon.	
1537	351.460	A Street	S. 40th	R/R spk in p.pole NE cor.	
1538	356.513	A Street	S. 40th	R/R spk in p.pole #4032	
1539	361.813	A Street	S. 43rd	Brass mon.	
1540	369.002	A Street	S. 45th	Brass mon.	
1541	375.887	A Street	S. 46th	Brass mon.	
1542	384.324	A Street	S. 48th	Brass mon.	
1543	386.193	A Street	S. 50th	R/R spk in p.pole NW cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1544	386.031	A Street	S. 52nd	R/R spk in L. & tel.pole SW cor. (backside)	
1545	381.050	A Street	S. 54th	R/R spk in p.pole NE cor.	
1546	378.847	A Street	S. 56th	Brass mon.	
1547	373.900	A Street	S. 58th	Brass mon.	
1548	376.755	A Street	S. 60th	R/R spk in L. & tel.pole NE cor.	
1549	378.058	A Street	S. 62nd	R/R spk in p.pole SW cor.	
1550	385.326	A Street	S. 64th	R/R spk in P. & tel.pole NE cor.	
1551	391.439	A Street	S. 68th	R/R spk in p.pole	
1552	392.216	A Street	S. 70th	R/R spk in p.pole SW cor.	
1553	388.298	A Street	S. 72nd	Brass mon.	
1554	389.066	A Street	S. 72nd	R/R spk in p.pole NW cor.	
1555	388.566	A Street	S. 74th	Brass mon.	
1556	388.878	A Street	S. 74th	R/R spk in p.pole front of house #7402 A St.	
1557	388.959	A Street	S. 76th	Brass mon.	
1558	389.893	A Street	S. 76th	R/R spk in pole W. side for future 76th to W.	
1559	396.493	A Street	S. 78th	R/R spk in p.pole bet. house #7802 & 7806	
1560	395.986	A Street	S. 80th	Brass mon.	
1561	398.182	A Street	S. 80th	R/R spk in p.pole #84-61 opp. house #8013	
1562	400.117	A Street	S. 82nd	R/R spk in p.pole SW cor.	
1563	400.541	A Street	S. 84th	Brass mon.	
1564	114.272	A Street	S. 8th	Copper in on.	
1565	109.461	A Street	S. 9th	Copper in mon.	
1566	388.895	Adams Street	6th Ave.	Copper in mon.	
1567	295.873	Adams Street	Center St.	Brass mon.	
1568	377.108	Adams Street	N. 11th	Brass in casting	
1569	369.201	Adams Street	N. 15th	Spk in p.pole #036096 SW corner	
1570	369.743	Adams Street	N. 21st	Brass mon.	
1571	356.392	Adams Street	N. 26th	Copper in mon.	
1572	371.270	Adams Street	S. 12th	Surface brass mon. S.	
1573	370.647	Adams Street	S. 12th	Surface brass mon. N.	
1574	382.978	Adams Street	S. 19th	Brass mon. N.	
1575	250.056	Adams Street	S. 56th	Surface brass mon.	
1576	247.167	Adams Street	S. 58th	R/R spk in p.pole NE cor.	
1577	246.400	Adams Street	S. 60th	Surface brass mon.	
1578	240.817	Adams Street	S. 62nd	Surface brass mon.	
1579	233.600	Adams Street	S. 66th	Surface brass mon. approx. 700' N. of S. 66th	
1580	234.031	Adams Street	S. 66th	Brass in casting	
1581	244.942	Ainsworth Avenue	Center St.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1582	378.767	Ainsworth Avenue	S. 12th	Copper in mon.	
1583	380.526	Ainsworth Avenue	S. 15th	Brass mon.	
1584	374.417	Ainsworth Avenue	S. 19th	Brass mon.	
1585	361.175	Ainsworth Avenue	S. 25th	Brass mon.	
1586	348.263	Ainsworth Avenue	S. 38th	Brass mon.	
1587	350.020	Ainsworth Avenue	S. 76th	Brass in casting	
1588	355.209	Ainsworth Avenue	S. 84th	R/R spk in p.pole NW cor.	
1589	356.051	Ainsworth Avenue	S. 84th	X in bot. step SW cor. house #1443	
1590	350.578	Ainsworth Avenue	S. 84th	Surface brass mon.	
1591	358.924	Ainsworth Avenue	S. 86th	R/R spk in p.pole #8522 W. side	
1592	351.800	Ainsworth Avenue	S. 88th	R/R spk in p.pole #87/3 NE cor.	
1593	310.062	Ainsworth Avenue	S. 96th	R/R spk in pole, 20' E. of house #1443 on NE cor. Of S. 96th	
1594	308.645	Ainsworth Avenue	S. 96th	R/R spk in p.pole across from house #1627	
1595	375.200	Ainsworth Avenue	S. 9th	Brass in casting	
1596	298.160	Alameda Street	S. 19th	Brass mon.	
1597	244.371	Alaska Street	Center St.	Brass mon.	
1598	243.568	Alaska Street	Center St.	Brass mon. 60' E.	
1599	363.266	Alaska Street	S. 25th	Add. brass mon. E.P.L.	
1600	370.244	Alaska Street	S. 35th	R/R spk in p.pole SW cor. #093003	
1601	367.904	Alaska Street	S. 36th	Bridge spk in p.pole SW cor.	
1602	369.596	Alaska Street	S. 37th	Brass mon. casting	
1603	373.401	Alaska Street	S. 38th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1604	371.967	Alaska Street	S. 39th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1605	369.959	Alaska Street	S. 40th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1606	366.984	Alaska Street	S. 41st	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1607	357.211	Alaska Street	S. 42nd	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1608	343.299	Alaska Street	S. 43rd	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1609	332.232	Alaska Street	S. 44th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1610	332.306	Alaska Street	S. 45th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1611	332.456	Alaska Street	S. 46th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1612	340.786	Alaska Street	S. 47th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1613	357.435	Alaska Street	S. 48th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1614	373.076	Alaska Street	S. 49th	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1615	367.979	Alaska Street	S. 51st	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1616	376.330	Alaska Street	S. 52nd	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	
1617	377.412	Alaska Street	S. 53rd	<b>DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY</b>	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1618	363.385	Alaska Street	S. 54th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1619	354.043	Alaska Street	S. 55th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1620	350.531	Alaska Street	S. 56th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1621	346.986	Alaska Street	S. 57th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1622	342.197	Alaska Street	S. 58th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1623	327.360	Alaska Street	S. 59th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1624	321.378	Alaska Street	S. 60th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1625	350.630	Alaska Street	S. 62nd	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1626	368.333	Alaska Street	S. 64th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1627	354.750	Alaska Street	S. 66th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1628	342.892	Alaska Street	S. 68th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1629	334.155	Alaska Street	S. 69th	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1630	319.659	Alaska Street	S. 72nd	DESTROYED. INFO FOR HISTORICAL REFERENCE ONLY	
1631	308.170	Alaska Street	S. 76th	Brass in casting	
1632	305.723	Alaska Street	S. 84th	X on conc. walk bldg. #1704 NE cor. of complex	
1633	318.972	Alaska Street	S. 84th	X on vert. metal plate on p.pole at house #1643	
1634	308.727	Alaska Street	S. 84th	Surface brass mon. S.	
1635	309.273	Alaska Street	S. 92nd	R/R spk in p.pole, SW cor.	
1636	318.543	Alaska Street	S. 93rd	R/R spk in p.pole, NW cor.	
1637	308.320	Alaska Street	S. 94th	R/R spk in p.pole, NW cor.	
1638	312.480	Alaska Street	S. 95th	R/R spk in p.pole, SW cor.	
1639	310.630	Alaska Street	S. 96th	Surface copper in mon.	
1640	311.394	Alaska Street	S. 96th	R/R spk in p.pole #1701 NW cor.	
1641	313.695	Alaska Street	S. 96th	R/R spk in prim. pole across from house #1751	
1642	256.159	Alaska Street	S. Tac. Way	R/R spk in p.pole #1700 on S. side of intersec.	
1643	357.306	Alder Street	6th Ave.	Brass mon.	
1644	273.907	Alder Street	Center St.	Brass mon.	
1645	340.031	Alder Street	N. 11th	Copper in mon.	
1646	316.109	Alder Street	N. 21st	Copper in mon.	
1647	314.506	Alder Street	N. 26th	Copper in mon.	
1648	281.432	Alder Street	N. 30th	Copper in mon.	
1649	9.952	Alder Street	Ruston Way	R/W brass mon. 8' S. of curb line	
1650	11.131	Alder Street	Ruston Way	R/R spk in p.pole #66 on S. side of street	
1651	361.989	Alder Street	S. 12th	Surface brass mon.	
1652	250.733	Alder Street	S. 35th	Brass mon.	
1653	273.512	Alder Street	S. 56th	Brass mon. to S.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1654	247.949	Alder Street	S. 62nd	Brass in casting	
1655	248.375	Alder Street	S. 66th	Brass mon.	
1656	260.319	Alder Street	S. 70th	X in SW cor. First conc. Step hse# 3207 S 70th	1/5/2000
1657	358.407	Alder Street	S. 7th	Brass mon.	
1658	289.290	Alder Street	S. 84th	X on 2-1/2"x3-3/4" vert. metal plate on metal pim. Pole 110' E of Alder	
1659	358.612	Alder Street	S. 8th	Brass mon. (cul-de-sac)	
1660	258.516	Alder Street	S.72nd	SE cor. Conc. Wall @ hse# 7232 Alder St.	1/5/2000
1661	11.062	Alexander Avenue	E. 11th	State mon.	
1662	11.399	Alexander Avenue	E. 11th	R/R spk p.pole #185034 on E side of road	
1663	11.401	Alexander Avenue	E. 11th	R/R spk p.pole #185036 on E side of road	
1664	11.055	Alexander Avenue	E. 11th	R/R spk p.pole #178003 on E side of road	
1665	11.227	Alexander Avenue	E. 11th	R/R spk p.pole #13-255 on E side of road	
1666	11.137	Alexander Avenue	E. 11th	R/R spk p.pole #178007 on E side of road	
1667	11.052	Alexander Avenue	E. 11th	R/R spk p.pole #1815 on E side of road	
1668	16.397	Alexander Avenue	Pacific Hwy E	Wsdot mon copper on concrete 200' +/- South	
1669	10.759	Alexander Avenue (listed under Lincoln Ave as 10.822)	Lincoln Ave.	Brass mon.	
1670	360.091	Anderson Street	6th Ave.	Copper in mon.	
1671	340.526	Anderson Street	N. 11th	Surface brass mon.	
1672	326.191	Anderson Street	N. 15th	Surface brass mon.	
1673	299.186	Anderson Street	N. 21st	Brass mon.	
1674	376.713	Anderson Street	S. 12th	Surface brass mon.	
1675	376.668	Anderson Street	S. 15th	Brass mon.	
1676	362.937	Anderson Street	S. 19th	Brass mon.	
1677	247.877	Ash Street	Center St.	Brass mon.	
1678	374.671	Ash Street	S. 19th	Brass mon.	
1679	353.804	Ash Street	S. 25th	Brass mon.	
1680	371.233	Ash Street	S. 38th	Top of steel pipe in casting	
1681	316.781	Ash Street	S. 72nd	Brass mon. (Hosmer St. entrance)	
1682	256.801	Ash Street	S. Tac. Way	R/R spk in p.pole on S. side of intersection	
1683	241.465	Asotin Street	Center St.	Brass mon.	
1684	353.490	Asotin Street	S. 38th	Brass mon.	
1685	338.534	Asotin Street	S. 48th	Brass mon.	
1686	344.605	Asotin Street	S. 56th	Brass mon.	
1687	336.058	Asotin Street	S. 76th	Brass in casting	
1688	256.538	Asotin Street	S. Tac. Way	R/R spk in pole #1642 on S. side intersection	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1689	287.842	Aurora Street (East)	6th Ave.	Spk in pole #233	
1690	277.299	Aurora Street (East)	E. 34th	Brass mon.	
1691	329.508	Aurora Street (East)	E. 38th	Copper in State mon.	
1692	380.560	Aurora Street (East)	E. 46th	Brass mon.	
1693	393.443	Aurora Street (East)	E. 56th	Brass mon. to N.	
1694	379.884	Aurora Street (East)	E. 56th	Brass mon. to S.	
1695	399.564	Aurora Street (East)	E. 64th	X in bot. conc. step house #145 E. 64th	
1696	385.378	Aurora Street (East)	E. 72nd	Brass mon. S.	
1697	392.356	Aurora Street (East)	E. 84th	X in W. end bot. conc. step house #201 E. 84th	
1698	405.350	Aurora Street (East)	E. 96th	X on NW cor. garden walk house #208, top of stairs	
1699	298.090	Aurora Street (East)	S. 12th	R/R spk in p.pole #067026 SW corner 'B' Street (east)	
1700	368.553	Baltimore Street	N. 14th	Brass in casting	
1701	385.550	Baltimore Street	N. 21st	X on SW bolt on SW leg of City tower	
1702	393.766	Baltimore Street	N. 26th	R/R spk in p.pole NE cor. N. 26th	
1703	400.855	Baltimore Street	N. 26th	X on SE cor. 18" conc. walk #2602 N. 26th	
1704	358.748	Baltimore Street	N. 35th	Brass mon. in casting	
1705	308.368	Baltimore Street	N. 38th	Brass mon. S.	
1706	282.359	Baltimore Street	N. 42nd	R/R spk in p.pole #53/3 with light, N. side st.	
1707	250.988	Baltimore Street	N. 46th	Brass mon.	
1708	299.470	Baltimore Street	S. 12th	Surface brass mon.	
1709	343.946	Bantz Boulevard	6th & Highland	Brass mon.	
1710	343.268	Bantz Boulevard	6th & Pearl	Brass E. mon.	
1711	350.664	Bantz Boulevard	Center St.	R/R spk in pole #130 on S. side of Bantz	
1712	351.249	Bantz Boulevard	Center St.	R/R spk in pole #126 orn. light, S. side Bantz	
1713	334.330	Bantz Boulevard	Center St.	R/R spk in pole #134 orn. light, S. side Bantz	
1714	320.998	Bantz Boulevard	S. 12th	Copper in mon. Wash. Hiway mon.	
1715	299.589	Bantz Boulevard	S. 19th	X on traffic island SW cor.	
1716	326.420	Barnes Lane	S. 96th	Spk in p.pole on S. side road, 110' W. of Barnes	
1717	338.754	Bell Street	S. 43rd	Surface brass	
1718	362.273	Bell Street	S. 48th	Surface brass	
1719	350.800	Bell Street	S. 56th	Brass mon.	
1720	391.479	Bell Street	S. 72nd	Brass mon.	
1721	400.286	Bell Street	S. 84th	Brass mon.	
1722	367.760	Bennett Street	N. 14th	R/R spk in p.pole #041030 S. side of street	
1723	390.295	Bennett Street	N. 21st	Brass mon.	
1724	403.327	Bennett Street	N. 26th	Brass mon.	
1725	405.337	Bennett Street	N. 26th	X in SW cor. bot. conc. step house #2601	
1726	370.534	Bennett Street	N. 35th	R/R spk in p.pole NW cor.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1727	278.056	Bennett Street	N. 42nd	S. brass mon. in casting	
1728	277.768	Bennett Street	N. 42nd	N. brass mon. in casting	
1729	250.667	Bennett Street	N. 46th	Brass mon. on curb line	
1730	94.110	Bennett Street	N. 51st	Brass mon. N.	
1731	297.235	Bennett Street	S. 12th	Brass mon.	
1732	293.861	Bennett Street	S. 19th	Brass mon.	
1733	336.138	Beverly Avenue	NE 51st	R/R spk in p.pole NE cor.	
1734	348.426	Beverly Avenue	NE 53rd	R/R spk in L. & tel.pole SE cor.	
1735	384.037	Beverly Avenue	NE 55th	R/R spk in p.pole SE cor.	
1736	397.618	Beverly Avenue	NE 55th	R/R spk in L.pole E. side road opp. house #5528	
1737	380.961	Beverly Avenue	NE 55th	R/R spk in L.pole #14 E. side of road bet. House #5570 & #5576	
1738	353.746	Beverly Avenue	NE 58th	R/R spk in L.pole E. side	
1739	320.866	Beverly Avenue	NE 59th	R/R spk in p.pole opp. house #5934	
1740	299.904	Beverly Avenue	Scenic Dr.	R/R spk in L.pole on N. side of road	
1741	425.456	Bismark Street	McKinley Ave.	Brass mon.	
1742	218.209	Borough Road	N. 5th	X on NW cor. bot. conc. step house #515	
1743	201.179	Borough Road	N. 7th	Hi lead in mon.	
1744	146.366	Borough Road	N. C St.	Hi lead in mon.	
1745	171.277	Borough Road	N. D St.	X on SW cor. bot. conc. step house #725	
1746	122.990	Borough Road	Stadium Way	Brass mon. P.C.	
1747	317.910	Bridgeview Drive	James	Brass mon.	
1748	347.536	Bridgeview Drive	N. 13th	Brass mon.	
1749	347.558	Bridgeview Drive	N. 17th	Brass mon. W.	
1750	278.564	Bridgeview Drive	Narrows Dr.	Spk in p.pole Bridgeview & Narrows Drive	
1751	275.298	Bridgeview Drive	Narrows Dr.	Brass mon. in front #2301 100' N. of Bridgeview	
1752	295.597	Bristol Street	N. 42nd	Brass in casting	
1753	396.452	Bristol Street	N. 26th	Brass mon. 150' E. of N. 26th & Bristol	
1754	386.450	Bristol Street	N. 26th	Brass mon.	
1755	167.953	Bristol Street	Parkway	Copper in mon.	
1756	396.920	Bristol Street	Westgate Blvd.	Brass mon.	
1757	332.665	Broadview Avenue	NE 52nd	R/R spk in p.pole on W. side of Broadview Ave.	
1758	334.928	Broadview Avenue	NE 53rd	R/R spk in p.pole on E. side of Broadview Ave.	
1759	310.563	Broadview Avenue	NE 55th	R/R spk in p.pole #9 opp. house #5534 Broadview	
1760	331.326	Broadview Avenue	NE 55th (Sealawn)	R/R spk in L.pole on E. side approx. 165' N. of intersection & on P.L. of house #5511	
1761	289.933	Broadview Avenue	NE 58th Overlook	R/R spk in p.pole on NE cor. of intersection	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1762	255.454	Broadview Avenue	NE 59th	R/R spk in L. & tel.pole #6 on E. side of road bet house #5923 & #5917	
1763	232.254	Broadview Avenue	Scenic Dr.	R/R spk in L.pole NE cor. of intersection	
1764	256.243	Broadway	Division	Hi lead in mon.	
1765	85.094	Broadway	Jefferson Ave.	Brass mon.	
1766	232.443	Broadway	S. 2nd	Copper in mon.	
1767	206.288	Broadway	S. 4th	Copper in mon.	
1768	199.105	Broadway	S. 5th	Copper in mon.	
1769	181.575	Broadway	S. 6th	Hi lead in mon.	
1770	158.871	Broadway	S. 7th	Brass mon.	
1771	125.763	Brookside Terrace	S. 19th	R/R spk in p.pole NW cor.	
1772	390.516	Browns Point Blvd	22nd Ave. NE	Surface brass mon.	
1773	370.941	Browns Point Blvd	21st Ave. NE	Surface brass mon.	
1774	275.238	Browns Point Blvd	39th Ave. NE	R/R spk in p.pole NE cor.	
1775	281.004	Browns Point Blvd	40th Ave NE	Spk in p.pole #830 125' E. of hse #1001 Br Pt Blvd	
1776	286.900	Browns Point Blvd	40th Ave. NE	R/R spk in p.pole S. side of road	
1777	428.202	Browns Point Blvd	Birch Loop & Salal Drive	R/R spk in p.pole #3102 SE cor.	
1778	409.759	Browns Point Blvd	Blossom Dr. (S. Entrance)	Brass mon. in casting	
1779	350.900	Browns Point Blvd	Enetai Ave.	Surface brass mon.	
1780	312.797	Browns Point Blvd	House #1417	R/R spk in p.pole in front of house #1417 Br Pt Blvd	
1781	341.493	Browns Point Blvd	NE 33rd	Spk in p.pole SW cor.	
1782	349.337	Browns Point Blvd	NE 33rd	Spk in p.pole #4200 SE cor.	
1783	335.773	Browns Point Blvd	NE 33rd Shore Cliff Drive	Brass mon. in casting	
1784	268.066	Browns Point Blvd	NE 38th	X in SE cor. conc. slab Crescent Heights Grocery	
1785	279.373	Browns Point Blvd	NE 38th (650' W. of)	Spk. in p.pole W. side conc. dr. to house #1301	
1786	267.625	Browns Point Blvd	NE 38th/McMurray Rd	Spk in p.pole NE cor.	
1787	406.372	Browns Point Blvd	NE 45th	Brass mon. in casting	
1788	346.274	Browns Point Blvd	NE 49th St.	R/R spk in p.pole #199006 20' W. of Br. Pt. Blvd. To N. & 45' S. of Br Pt Blvd to E	
1789	382.981	Browns Point Blvd	NE 41st	Mon. in casting	
1790	337.139	Browns Point Blvd	NE 50th St.	Surface brass mon.	
1791	340.500	Browns Point Blvd	NE 52nd St.	Surface brass mon.	
1792	360.506	Browns Point Blvd	NE 53rd St.	Surface brass mon.	
1793	393.825	Browns Point Blvd	NE 55th St.	Brass mon. in casting	
1794	421.870	Browns Point Blvd	NE 57th St.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1795	432.139	Browns Point Blvd	NE 58th St.	Surface brass mon.	
1796	435.557	Browns Point Blvd	NE 59th St.	R/R spk in p.pole #208005 E. side Br. Pt. Blvd.	
1797	338.166	Browns Point Blvd	NE 51st St.	No. surface brass mon.	
1798	354.078	Browns Point Blvd	NE Copalis	Surface brass mon.	
1799	373.935	Browns Point Blvd	Norpoint Way	Surface brass mon.	
1800	400.579	Browns Point Blvd	Norpoint Way	P.C. mon. surf. brass mon. @ 225 S. Norpoint Way	
1801	374.448	Browns Point Blvd	Norpoint Way	r/r spk in guy ploe w. side of Br. Pt. Blvd.	
1802	408.547	Browns Point Blvd	P. Pole #3320	R/R spk in p.pole on S. side of Br. Pt. Blvd. 440' West of Silver Bow Rd	
1803	324.769	Browns Point Blvd	P.pole #22 & #190022	R/R spk in pole	
1804	301.055	Browns Point Blvd	P.pole #25 & #190025	R/R spk in pole	
1805	397.678	Browns Point Blvd	P.Pole 3209002	r/r spk in p.pole e. side B.Pt.B 400' so. Norpoint way (city limits)	
1806	423.189	Browns Point Blvd	Parkview Dr.	Surface brass mon.	
1807	398.405	Browns Point Blvd	Plat Mon. Plat N. of East Bndry Madrona Beach Estates	Surface brass mon.	
1808	361.186	Browns Point Blvd	Plat Mon. W. Bndry Madrona Beach Estates	Surface brass mon.	
1809	410.298	Browns Point Blvd	Pole #207017	#50 Penny Nail in p.pole E. side of Br. Pt. Blvd.	
1810	289.125	Browns Point Blvd	Pole #38 & 189032	R/R spk in p.pole 125' S. house #1309 Br. Pt. Blvd	
1811	375.530	Browns Point Blvd	Pole #1715	R/R spk in pole 150' N. of House #1642	
1812	390.525	Browns Point Blvd	PT. mon Hi Point Rd	Brass Mon.	
1813	427.345	Browns Point Blvd	Salal Drive	R/R spk in p.pole #2954, 60' E. of intersection	
1814	413.458	Browns Point Blvd	Shore Cliff Dr. ( N. Entrance)	Brass mon. in casting	
1815	418.858	Browns Point Blvd	Silver Bow Rd.	R/R spk in p.pole #3226 SW cor.	
1816	252.827	Burlington	S. 48th	Surface brass mon.	
1817	252.532	Burlington	S. 50th	Surface brass mon.	
1818	251.780	Burlington	S. 55th	P.C. mon (surface) 240' N. of S. 56th & R/R tracks	
1819	375.270	C Street (East)	E. 46th	R/R spk in p.pole SE cor.	
1820	373.314	C Street (East)	E. 56th	Brass mon.	
1821	402.166	C Street (East)	E. 96th	X in E. end bot. conc. step house #313 E. 96th	
1822	403.732	C Street (East)	E. 96th	Surface brass mon.	
1823	30.111	C Street (East)	Puyallup Ave.	Brass mon.	
1824	146.366	C Street (North)	Borough Road	Hi lead in mon.	
1825	297.356	C Street (South)	S. 34th	Copper in mon.	
1826	351.315	C Street (South)	S. 48th	Surface brass	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1827	385.055	C Street (South)	S. 64th	Brass mon.	
1828	386.349	C Street (South)	S. 76th	Surface brass mon.	
1829	385.744	C Street (South)	S. 84th	Brass mon.	
1830	0.05	CABIN #39		R/R SPK IN PILE SW COR OF HSE	
1831	10.70	CABIN #40		R/R SPK IN P.POLE BACK CABIN #40	
1832	-2.64	CABIN #43		R/R SPK IN PILE NW COR OF HSE	
1833	-2.86	CABIN #54		R/R SPK IN PILE NW COR OF HSE	
1834	-0.65	CABIN #62		R/R SPK IN PILE SW COR OF HSE	
1835	1.15	CABIN 103		R/R SPK IN PILE SW COR OF HSE	
1836	-2.29	CABIN 15		R/R SPK IN PILE NW COR OF HSE	
1837	-5.40	CABIN 28		R/R SPK IN PILE SW COR OF HSE	
1838	-2.99	CABIN 3		R/R SPK IN PILE NW COR OF HSE	
1839	0.77	CABIN 69		R/R SPK IN PILE SW COR OF HSE	
1840	1.78	CABIN 79		R/R SPK IN PILE NW COR OF HSE	
1841	-0.85	CABIN 89		R/R SPK IN PILE NW COR OF HSE	
1842	333.445	California Avenue	S. 38th	Brass mon.	
1843	229.135	Camp 6	Mildred St.	Brass mon. behind Camp 6	
1844	230.527	Camp 6	Mildred St.	Spk in tel.pole #8	
1845	10.420	Campbell Street	Ruston Way	Brass P.I. mon. C.L. R/W 130' E. of Campbell St. opp. Pole #126	
1846	46.502	Carr Street	N. 30th	Brass mon.	
1847	366.633	Cascade Place	S. 19th	Brass mon.	
1848	348.331	Cedar Street	6th Ave.	Copper in mon.	
1849	315.534	Cedar Street	Allenmore Golf Course	Brass mon. 50' S. of centerline of Elks & Allenmore Golf Course N. Driveway	
1850	345.351	Cedar Street	Bet. 15th & 17th	Plat brass mon.	
1851	272.644	Cedar Street	Center St.	Brass mon. 120' E.	
1852	272.441	Cedar Street	Center St.	Brass mon.	
1853	347.472	Cedar Street	Melrose	Brass mon.	
1854	332.896	Cedar Street	N. 11th	Surface brass mon.	
1855	323.813	Cedar Street	N. 15th	Surface brass mon.	
1856	312.946	Cedar Street	N. 21st	Copper in mon.	
1857	312.616	Cedar Street	N. 26th	Hi lead in mon.	
1858	278.608	Cedar Street	N. 30th	Brass mon.	
1859	362.540	Cedar Street	S. 10th	Brass mon.	
1860	360.185	Cedar Street	S. 11th	Brass mon.	
1861	358.684	Cedar Street	S. 12th	Surface brass mon.	
1862	354.256	Cedar Street	S. 13th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1863	351.106	Cedar Street	S. 14th	Brass mon.	
1864	347.264	Cedar Street	S. 15th	Brass mon.	
1865	344.705	Cedar Street	S. 17th	Brass mon.	
1866	343.087	Cedar Street	S. 18th	Brass mon.	
1867	340.053	Cedar Street	S. 19th	Brass mon. W.	
1868	298.196	Cedar Street	S. 38th	Brass mon.	
1869	302.332	Cedar Street	S. 47th	Brass mon.	
1870	275.097	Cedar Street	S. 56th	Brass mon. to S.	
1871	258.234	Cedar Street	S. 74th	Brass mon.	1/5/2000
1872	359.360	Cedar Street	S. 9th	Brass mon. (cul-de-sac)	
1873	257.352	Cedar Street	S. Tac. Way	Brass mon.	
1874	444.698	Centennial Way	Norpoint Way	Surface Brass mon	
1875	295.873	Center Street	Adams St.	Brass mon.	
1876	244.942	Center Street	Ainsworth Ave.	Brass mon.	
1877	244.371	Center Street	Alaska St.	Brass mon.	
1878	243.568	Center Street	Alaska St.	Brass mon. 60' E.	
1879	273.907	Center Street	Alder St.	Brass mon.	
1880	247.877	Center Street	Ash St.	Brass mon.	
1881	241.465	Center Street	Asotin St.	Brass mon.	
1882	351.249	Center Street	Bantz Blvd.	R/R spk in pole #126 orn. light on S. side of Bantz	
1883	350.664	Center Street	Bantz Blvd.	R/R spk in pole #130 on S. side of Bantz Blvd.	
1884	334.330	Center Street	Bantz Blvd.	R/R spk in pole #134 orn. light, S. side of Bantz.	
1885	272.664	Center Street	Cedar St.	Brass mon. 120' E.	
1886	272.441	Center Street	Cedar St.	Brass mon.	
1887	242.567	Center Street	Chandler St.	Brass mon.	
1888	251.267	Center Street	Cushman Ave.	Hi lead in mon.	
1889	297.040	Center Street	Durango St.	Brass mon.	
1890	276.312	Center Street	Ferdinand St.	Surface brass mon.	
1891	244.497	Center Street	Ferry St.	Brass mon.	
1892	309.580	Center Street	Gove St.	Surface brass mon. 126' E. of Gove	
1893	303.016	Center Street	Gove St.	Surface brass mon.	
1894	308.194	Center Street	Gunnison St.	Brass mon. in casting E. mon.	
1895	243.705	Center Street	Hosmer St.	Brass mon.	
1896	281.869	Center Street	Huson St.	Surface brass mon.	
1897	274.435	Center Street	Lawrence St.	Brass mon.	
1898	307.353	Center Street	Madison St.	Brass mon. in casting	
1899	313.712	Center Street	Monroe St.	Brass mon. in casting	
1900	288.282	Center Street	Mullen St.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1901	286.194	Center Street	Orchard St.	N. surface brass mon.	
1902	274.666	Center Street	Pine St.	Brass mon. 188' E. of Pine-Cedar	
1903	274.564	Center Street	Pine-Cedar	Brass mon.	
1904	242.494	Center Street	S. I St.	Hi lead in mon.	
1905	243.859	Center Street	S. J St.	Brass mon.	
1906	244.843	Center Street	S. K St.	Copper in mon.	
1907	246.347	Center Street	S. L St.	Hi lead in mon.	
1908	247.439	Center Street	S. M St.	Copper in mon.	
1909	252.428	Center Street	Sawyer St.	Brass mon.	
1910	250.116	Center Street	Sheridan Ave.	Hi lead in mon.	
1911	250.736	Center Street	Sheridan Ave.	Copper in mon. (Add. mon. bet. Sheridan & Cushman)	
1912	242.834	Center Street	Sprague Ave.	Brass mon.	
1913	246.420	Center Street	State St.	Brass mon.	
1914	251.031	Center Street	Steele St.	Brass mon. Steele St. N. (138' E. of Steele St. S.)	
1915	257.390	Center Street	Steele St.	Brass P.T. mon. 125' W. of Steele St. S.	
1916	264.419	Center Street	Steele St.	Brass mon. 330' W. of Steele St. S.(2.4'S.of N.curb)	
1917	266.564	Center Street	Steele St.	W. mon. of two brass mon. 528' W. of Steele St. S.	
1918	270.529	Center Street	Steele St.	Brass mon. 337' E. of Pine St.	
1919	197.722	Center Street	Tacoma Ave.	Copper in mon.	
1920	248.884	Center Street	Trafton St.	Brass mon.	
1921	324.209	Center Street	Tyler St.	X in NW bolt of orn. light std. SE cor.	3/18/1998
1922	326.830	Center Street	Tyler St.	X in NW bolt of orn. light std. SW cor.	3/18/1998
1923	343.889	Center Street	Tyler St.	R/R spk in pole #124 orn. light, 700' W. of Tyler on S. side of Bantz Blvd	
1924	278.831	Center Street	Union Ave.	P.C. brass mon. 450' E. of Union Ave.	
1925	286.871	Center Street	Union Ave.	P.T. brass mon. 153' E. of Union Ave.	
1926	289.374	Center Street	Union Ave.	Brass mon.	
1927	275.204	Center Street	Warner St.	Brass mon.	
1928	289.903	Center Street	Washington St.	Brass mon.	
1929	250.654	Center Street	Wilkeson St.	Brass mon.	
1930	276.408	Center Street	Windom St.	Brass mon.	
1931	230.067	Center Street	Yakima Ave.	Brass mon.	
1932	242.567	Chandler Street	Center St.	Brass mon.	
1933	255.243	Chandler Street	S. Tac. Way	R/R spk in p.pole on S. side of Chandler St.	
1934	357.924	Cheyenne Street	6th Ave.	Copper in mon.	
1935	373.737	Cheyenne Street	N. 11th	Brass in casting	
1936	374.535	Cheyenne Street	N. 15th	Brass in casting	
1937	357.132	Cheyenne Street	N. 21st	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1938	353.947	Cheyenne Street	N. 26th	X on SE cor. bot. conc. step #4601 N. 26th St.	
1939	354.951	Cheyenne Street	N. 26th	X on NW cor. bot. conc. step #4622 N. 26th St.	
1940	320.159	Cheyenne Street	N. 37th	X in most easterly cor. conc. step house #3638	
1941	237.733	Cheyenne Street	N. 46th	Brass mon.	
1942	324.949	Cheyenne Street	S. 19th	Brass mon.	
1943	290.561	Cheyenne Street	S. 56th	Brass mon.	
1944	314.447	Cheyenne Street	S. 62nd	Bolt in p.pole NW cor.	
1945	309.423	Cheyenne Street	S. 62nd	Surface brass 236' N. of intersection	
1946	256.984	Cheyenne Street	S. 66th	Brass mon.	
1947	13.208	Circle Way	6th Ave.	Brass mon. P.T. in front of house #8422	
1948	69.054	Clement Street	S. 62nd	Brass in casting	
1949	68.512	Clement Street	S. 66th	Brass mon. (E.P.L.)	
1950	2.335	Cleveland Way	Portland Ave.	S. brass mon.	
1951	96.353	Columbia Avenue	Harvard	Brass mon.	
1952	97.346	Columbia Avenue	S. 19th	Brass mon.	
1953	3.599	Columbia Avenue	Summit Ave.	Brass mon.	
1954	163.572	Columbia Street	E. T St.	R/R spk in p.pole SE cor.	
1955	159.681	Columbia Street	Portland Ave.	Surface brass mon.	
1956	104.884	Commerce Street	S. 11th	Surface brass mon.	
1957	89.112	Commerce Street	S. 13th	Surface brass mon.	
1958	124.711	Commerce Street	S. 7th	Surface brass mon.	
1959	124.760	Commerce Street	S. 9th	Surface brass mon.	
1960	380.661	Croft Street	S. 96th	Brass mon.	
1961	320.052	Crusher Bldg.		X on conc. foundation cor. at SE cor. of upper bldg for crusher	
1962	288.119	Crusher Bldg.		X on fire hydrant W side lower part crusher bldg.	
1963	124.966	Crystal Spring Road	S. 19th	Brass mon.	
1964	251.267	Cushman Avenue	Center St.	Hi lead in mon.	
1965	358.063	Cushman Avenue	Division Ave.	Brass mon.	
1966	369.264	Cushman Avenue	S. 12th	Copper in mon.	
1967	369.240	Cushman Avenue	S. 15th	Brass mon.	
1968	364.382	Cushman Avenue	S. 19th	Brass mon.	
1969	348.586	Cushman Avenue	S. 25th	Brass mon.	
1970	352.986	Cushman Avenue	S. 38th	Brass mon.	
1971	353.887	Cushman Avenue	S. 48th	X in NE cor. bot. step of house #4802 S. Cushman	
1972	352.890	Cushman Avenue	S. 48th	Brass mon.	
1973	336.755	Cushman Avenue	S. 56th	R/R spk in p.pole SE cor.	
1974	351.497	Cushman Avenue	S. 76th	Brass in casting	
1975	349.524	Cushman Avenue	S. 84th	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
1976	362.034	Cushman Avenue	S. 9th	Brass in Casting	
1977	255.089	Cushman Avenue	S. Tac. Way	R/R spk in p.pole #1500	
1978	15.113	D Street (East)	E. 15th	X in NE bolt of L.pole on SE cor. of E. 15th & D	
1979	10.502	D Street (East)	E. 18th	Brass mon.	
1980	8.840	D Street (East)	E. 19th	Brass mon.	
1981	9.078	D Street (East)	E. 21st	Brass mon.	
1982	50.314	D Street (East)	E. 25th	Brass mon. in casting	
1983	70.561	D Street (East)	E. 26th	Surface brass mon.	
1984	87.884	D Street (East)	E. 27th	Surface brass	
1985	108.403	D Street (East)	E. 28th	Surface brass	
1986	127.924	D Street (East)	E. 29th	Surface brass	
1987	296.666	D Street (East)	E. 34th	Copper in mon.	
1988	339.540	D Street (East)	E. 46th	R/R spk in stub guy pole W. side of R/R tracks	
1989	363.100	D Street (East)	E. 56th	Brass mon.	
1990	385.892	D Street (East)	E. 64th	R/R spk p. & tel.pole #2/5 NW cor.	1/21/2000
1991	386.349	D Street (East)	E. 64th	Surface brass mon. (E. mon.)	1/21/2000
1992	386.136	D Street (East)	E. 72nd	Brass mon. in back of walk on SW cor.	
1993	391.024	D Street (East)	E. 72nd	Top bracket on face of new primary pole SE cor.	
1994	386.155	D Street (East)	E. 73rd	X in NW cor. underground transformer base E. side of E. D St. S. of 72nd St	
1995	386.164	D Street (East)	E. 75th	Surface brass mon.	
1996	392.577	D Street (East)	E. 76th	R/R spk in p.pole #7633 E. side of E. D St. on S. P.L. house #7629 E. D St	
1997	397.551	D Street (East)	E. 78th	Surface brass mon.	
1998	403.191	D Street (East)	E. 80th	Surface brass mon.	
1999	404.148	D Street (East)	E. 82nd	R/R spk in p.pole #150023 NE cor.	
2000	404.219	D Street (East)	E. 83rd	Surface brass mon.	
2001	400.696	D Street (East)	E. 84th	Surface brass mon.	
2002	403.093	D Street (East)	E. 84th	X in W end bot. conc. step house #403 E. 84th	
2003	397.791	D Street (East)	E. 86th	R/R spk in p.pole with orn. light on W. side in front of house #8602 E. D St	
2004	392.663	D Street (East)	E. 88th	Spk in highline pole on E. side of D St. in front of house #8646 E. D St	
2005	390.935	D Street (East)	E. 90th	R/R spk in p.pole #8838 on SW cor. of D St.	
2006	392.369	D Street (East)	E. 91st	Spk in pole on SW cor. of E. D St.	
2007	398.209	D Street (East)	E. 96th	X in W. end bot. conc. step house #402 E. 96th	
2008	398.247	D Street (East)	E. 96th	Surface brass mon.	
2009	183.287	D Street (East)	McKinley	X on bolt E. side M & L Light std. SW cor.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2010	28.512	D Street (East)	Puyallup Ave.	Brass mon. in casting	
2011	16.744	D Street (East)	Railroad Tracks	X in SE cor. W. of R/R tracks by Puyallup Ave.	
2012	149.136	D Street (East)	Wiley	X on SE bolt metal light & signal pole W. side st.	
2013	171.277	D Street (North)	Borough Road	X on SW cor. bot. conc. step house #725 Borough Rd	
2014	208.094	D Street (North)	Stadium Way	Brass mon.	
2015	329.290	D Street (South)	Division Lane	Surface brass N. mon.	
2016	306.936	D Street (South)	S. 34th	Copper in mon.	
2017	342.175	D Street (South)	S. 38th	Brass mon.	
2018	342.062	D Street (South)	S. 43rd	Spk in p.pole SW cor.	
2019	356.366	D Street (South)	S. 48th (North)	Surface brass	
2020	364.492	D Street (South)	S. 48th (South)	Surface brass	
2021	368.768	D Street (South)	S. 56th	X on top of steel base L.pole SW cor.	
2022	383.313	D Street (South)	S. 64th	Brass mon.	
2023	381.227	D Street (South)	S. 72nd	Brass mon.	
2024	377.815	D Street (South)	S. 76th	Surface brass mon.	
2025	384.445	D Street (South)	S. 84th	Brass mon. W.	
2026	278.497	Defiance St (North)	N. 42nd	Brass in casting	
2027	146.378	Defiance St (North)	Parkway	Hi lead in mon.	
2028	395.357	Defiance St (North)	Westgate Blvd.	Brass mon.	
2029	218.580	Delin Street	Tacoma Ave.	X on base of L.pole S. cor.	
2030	380.757	Division Avenue	6th Ave.	Brass mon.	
2031	256.243	Division Avenue	Broadway	Hi lead in mon.	
2032	358.063	Division Avenue	Cushman Ave.	Brass mon.	
2033	322.379	Division Avenue	E. E St.	X on NE cor. bot. step SE cor. int. house #502 Div Ln	
2034	293.879	Division Avenue	E. Howe	R/R spk in L.pole SE cor. at intersection	
2035	297.526	Division Avenue	E. I St. (N.)	Brass mon. on E.P.L.	
2036	296.862	Division Avenue	E. J St.	R/R spk in L.pole SW cor. at intersection	
2037	295.904	Division Avenue	E. K St.	R/R spk in L.pole SW cor. at intersection	
2038	331.512	Division Avenue	Fawcett	R/R spk in p.pole SW cor.	
2039	287.020	Division Avenue	G St.	Hi lead in mon.	
2040	381.568	Division Avenue	Grant Ave.	Brass mon.	
2041	295.014	Division Avenue	I St.	Brass mon.	
2042	310.535	Division Avenue	J St.	Brass mon.	
2043	335.461	Division Avenue	K St.	Brass mon.	
2044	349.031	Division Avenue	L St.	Copper in mon.	
2045	351.555	Division Avenue	M St.	Copper in mon.	
2046	301.289	Division Avenue	McKinley Ave.	Brass mon.	
2047	329.290	Division Avenue	S. D St.	Surface brass N. mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2048	354.626	Division Avenue	Sheridan Ave.	Copper in mon.	
2049	275.491	Division Avenue	Tacoma Ave.	Hi lead in mon.	
2050	277.624	Division Avenue	Yakima Ave.	Brass mon.	
2051	11.620	Dock Street	E. 1130 Dock St	Surface brass mon. by Coast Iron & Machine Works	
2052	11.418	Dock Street	E. 1150 Dock St	Surface brass mon. by Steam Plant #1	
2053	11.075	Dock Street	E. 11th	Brass mon. PI in sidewalk 600+ N. of 11th St Brdg	
2054	11.604	Dock Street	E. 11th	Surface brass mon.	
2055	12.217	Dock Street	E. 11th	R.R spk in p.pole #52	
2056	11.700	Dock Street	E. 15th	Surface brass mon. N.	
2057	13.317	Dock Street	E. 15th	Surface brass mon. S.	
2058	12.687	Dock Street	E. 16th	X on NW bolt of st. light std. by Scofield office	
2059	12.412	Dock Street	E. 18th	X on SE cor. of T.L.D. MH vault 40' S. of Bldg. #1801 Dock St. (in sidewalk)	
2060	14.302	Dock Street	E. 21st	Surface brass mon.	
2061	18.829	Dock Street	E. 22nd	Surface brass mon.	
2062	31.215	Dock Street	E. 23rd	Surface brass mon.	
2063	10.212	Dock Street	E. 5th	Surface brass mon. by bldg. #535 S. Dock St.	
2064	12.367	Dock Street	E. 7th	X on cor. of conc. Base for large R/R signal box by R/R shed	
2065	44.749	Dock Street	Puyallup Ave.	Surface brass mon.	
2066	382.583	Durango Street	6th Ave.	Hi lead in mon.	
2067	297.040	Durango Street	Center St.	Brass mon.	
2068	364.950	Durango Street	S. 19th	Brass mon.	
2069	240.480	Durango Street	S. 56th	Brass mon.	
2070	235.829	Durango Street	S. 66th	Brass mon.	
2071	322.379	E Street (East)	Division Lane	X on NE cor. bot. step SE cor. int. house #502 Div Ln	
2072	16.016	E Street (East)	E. 15th	X in NW cor. conc. base of Sig. Box at N.P.R.R. crossing approx. 500' E. of E. D St	
2073	292.178	E Street (East)	E. 34th	Copper in mon.	
2074	307.777	E Street (East)	E. 35th	X in NW cor. bot. conc. step SW cor. int. house #422 E. 35th	
2075	319.037	E Street (East)	E. 36th	R/R spk in p.pole #096039 E. 36th	
2076	317.009	E Street (East)	E. 37th	R/R spk p.pole #096041, SW cor. E. 37th	
2077	356.881	E Street (East)	E. 46th	R/R spk in p.pole NE cor.	
2078	366.950	E Street (East)	E. 56th	Brass mon.	
2079	400.356	E Street (East)	E. 72nd	Brass mon.	
2080	412.469	E Street (East)	E. 84th	X in bot. conc. step W. side house #515 E. 84th	
2081	389.661	E Street (East)	E. 96th	Spk in pole, secondary with orn. Light on S. side of E. 96th St	
2082	405.967	E Street (East)	E.64th	Surface brass mon	1/21/2000
2083	318.112	E Street (East)	Harrison	X on NW cor top step SE cor int. house #504 Harrsn	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2084	28.263	E Street (East)	Puyallup Ave.	Brass mon. N.	
2085	248.432	E Street (North)	N. 1st	Copper in mon.	
2086	230.801	E Street (North)	N. 2nd	Brass mon.	
2087	235.758	E Street (North)	N. 3rd	Brass mon.	
2088	Published elev (1982) - 17.323	E. 11th & F St		U.S.C. & G.S. BM #E-406 std. Disk set in most easterly end of 11th St bridge on S. side	
2089	Published elev (1982) - 13.215. City of Tacoma - 27.238	E. 11th & Thorne		U.S.C. & G.S. BM #TIDAL 22 std. Disk set in sidewalk 3.5' N. of most easterly end of 11th St bridge over Puyallup River	
2090	Published elev (1982) - 15.200	E. 11th St at Dock St		At Tacoma 0.6 miles N. along B-N R/R from Union Sta. 0.05 miles N. of E. 11th St bridge over RR & City Waterway on W. bank of City Waterway std. Disk set in top of centerline of 6th 2x2' conc. Pier N. of N. end of bldg. 196' E. and across Dock St from E.	
2091	248.137	East Hill Street	E. 38th	R/R spk in p.pole #18/8	
2092	375.294	East S Street	E. 64th	X on SE cor. bot. step house #1923	
2093	289.935	F Street (East)	E. 34th	Hi lead in mon.	
2094	331.217	F Street (East)	E. 37th	R/R spk SE cor.	
2095	323.828	F Street (East)	E. 38th	Copper in State mon.	
2096	381.310	F Street (East)	E. 46th	R/R spk in p.pole #27 NE cor	
2097	382.467	F Street (East)	E. 56th	Brass mon. (Add. line)	
2098	409.505	F Street (East)	E. 64th	R/R spk in p.pole NW cor	1/21/2000
2099	410.290	F Street (East)	E. 64th	Surface brass mon. to N. (W. mon)	1/21/2000
2100	412.112	F Street (East)	E. 64th	Surface brass mon. to S. (E. mon)	1/21/2000
2101	408.868	F Street (East)	E. 72nd	Brass mon.	
2102	387.649	F Street (East)	E. 96th	X on E. end bot. conc. step house #617 E. 96th	
2103	16.289	F Street (East)	Puyallup Ave.	Brass mon.	
2104	275.589	Fairbanks Street	E. L St.	R/R spk in pole NE cor.	
2105	101.298	Fairbanks Street	E. R St.	R/R spk in p.pole #18-5 at house #1839	
2106	122.569	Fairbanks Street	E. T St.	R/R spk in p.pole NW cor.	
2107	82.771	Fairbanks Street	House #1653	R/R spk in p.pole 71' E. of house #1653	
2108	145.854	Fairbanks Street	House #2015	R/R spk in p.pole front of house #2015	
2109	166.312	Fairbanks Street	House #2030	X in NW cor. conc. bot. step at back walk	
2110	190.849	Fairbanks Street	House #2045	X in SW cor. conc. bot. step house #2045	
2111	82.717	Fairbanks Street	Portland Ave.	R/R spk in p.pole 60' E. of SE cor. at house #1653	
2112	106.355	Fairbanks Street	Portland Ave.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2113	204.291	Fairbanks Street	Roosevelt Ave.	R/R spk in p.pole SE cor.	
2114	220.182	Fairbanks Street	Roosevelt School	R/R spk in guy pole W side	
2115	301.140	Fairview Drive	6th Ave.	Hi lead in mon.	
2116	323.327	Fairview Drive	S. 12th	R/R spk in p.pole #06727 S. side of street	
2117	44.227	Faris Drive	E. T St.	Brass mon. N.	
2118	53.862	Faris Drive	E. T St.	Brass mon. S.	
2119	331.512	Fawcett Avenue	Division Lane	R/R spk in p.pole SE cor.	
2120	169.867	Fawcett Avenue	Jefferson Ave.	Brass mon.	
2121	165.122	Fawcett Avenue	S. 19th	Brass mon.	
2122	164.798	Fawcett Avenue	S. 25th	Brass mon.	
2123	318.515	Fawcett Avenue	S. 34th	Copper in mon.	
2124	344.736	Fawcett Avenue	S. 38th	Brass mon.	
2125	350.867	Fawcett Avenue	S. 43rd	Brass mon.	
2126	376.631	Fawcett Avenue	S. 48th (South)	Surface brass mon.	
2127	390.220	Fawcett Avenue	S. 56th	X on top of steel base L.pole on NW cor.	
2128	392.647	Fawcett Avenue	S. 64th	Brass mon.	
2129	378.852	Fawcett Avenue	S. 72nd	Brass mon.	
2130	371.435	Fawcett Avenue	S. 76th	Surface brass mon. N.	
2131	376.942	Fawcett Avenue	S. 84th	Brass mon.	
2132	381.828	Fawcett Avenue	S. 96th	Brass mon.	
2133	353.180	Ferdinand Dr (South)	S. 16th	Brass in casting	
2134	276.312	Ferdinand Street	Center St.	Surface brass mon.	
2135	378.693	Ferdinand Street	N. 11th	Brass in casting	
2136	388.802	Ferdinand Street	N. 15th	Brass in casting	
2137	380.431	Ferdinand Street	N. 21st	Brass mon.	
2138	364.099	Ferdinand Street	N. 26th	R/R spk in st. L.pole SE cor. N. 26th	
2139	370.599	Ferdinand Street	N. 26th	X in NW cor. bot. step house #4902 N. 26th	
2140	334.005	Ferdinand Street	N. 37th	R/R spk in p.pole #013032 NW cor.	
2141	223.245	Ferdinand Street	N. 46th	Brass mon.	
2142	299.449	Ferdinand Street	S. 56th	Brass mon.	
2143	254.765	Ferdinand Street	S. 66th	Brass mon.	
2144	263.873	Fernside Drive	6th Ave.	P.T.R.C. hi lead in mon.	
2145	230.853	Fernside Drive	6th Ave.	Hi lead in mon.	
2146	290.091	Fernside Drive	Lief Erikson	Brass mon.	
2147	367.103	Fernside Drive	S. 12th	R/R spk in p.pole #067025 SW cor.	
2148	290.094	Fernside Drive	S. 19th	Brass mon.	
2149	290.788	Fernside Drive	Sunray Dr.	Brass mon.	
2150	287.047	Fernside Drive	Suspension Dr.	X on N. edge of conc. drive, 6' from gutterline, house #1274	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2151	244.497	Ferry Street	Center	Brass mon.	
2152	340.498	Ferry Street	Freeway Exit	Surface brass & Railroad Ave.	
2153	363.690	Ferry Street	S. 12th	Surface brass mon.	
2154	369.762	Ferry Street	S. 25th	Brass mon.	
2155	352.315	Ferry Street	S. 41st	Surface brass P.C. mon 56' S. of centerline S. 41st	
2156	345.051	Ferry Street	S. 42nd	Surface brass mon.	
2157	337.849	Ferry Street	S. 43rd	Brass in casting N. entr. to Mall Theater	
2158	339.844	Ferry Street	S. 44th	Brass in casting	
2159	336.133	Ferry Street	S. 46th	X in SW cor. conc. base light control box for Tacoma Mall sign	
2160	334.317	Ferry Street	S. 47th	Surface brass mon. opp. bank machine 5' W. of E. curb, 340' N or S. 48th St	
2161	330.773	Ferry Street	S. 48th	R/R spk in pole #4826	
2162	329.995	Ferry Street	S. 49th	Surface brass	
2163	336.278	Ferry Street	S. 50th	Surface brass	
2164	346.622	Ferry Street	S. 50th	SE cor. bot. conc. step house #5020 S. Ferry	
2165	342.842	Ferry Street	S. 52nd	Surface brass	
2166	348.619	Ferry Street	S. 53rd	Surface brass	
2167	349.979	Ferry Street	S. 54th	Surface brass	
2168	338.685	Ferry Street	S. 56th	On Ferry St. 157' S. of centerline S. 56th	
2169	336.598	Ferry Street	S. 58th	Brass mon.	
2170	256.127	Ferry Street	S. Tac. Way	R/R spk in p.pole #2024 on S. side intersection	
2171	337.524	Ferry Street	Sprague	Surface brass 145' N. of centerline S. 60th P.I. Mon.	
2172	363.087	Fife Street	6th Ave.	Copper in mon.	
2173	353.651	Fife Street	N. 11th	Surface brass mon.	
2174	324.134	Fife Street	N. 15th	Surface brass mon.	
2175	287.929	Fife Street	N. 21st	Brass mon.	
2176	382.527	Fife Street	S. 12th	Surface brass mon. N.	
2177	391.295	Fife Street	S. 15th	Brass mon.	
2178	373.472	Fife Street	S. 19th	Brass mon.	
2179	350.898	Fife Street	S. 38th	Brass mon.	
2180	301.054	Fife Street	S. 53rd	Brass mon.	
2181	291.344	Fife Street	S. 56th	Brass mon. (N. side of roadway)	
2182	266.719	Fife Street	S. 62nd	Surface brass mon.	
2183	252.293	Fife Street	S. 74th	Brass mon.	
2184	257.021	Fife Street	S. Tac. Way	R/R spk in p.pole on SW cor. of intersection	
2185	302.545	Fircrest	S. 19th	Brass mon. near W.P.I. of Fircrest Methodist Church at centerline of S. 19th	
2186	353.387	Firlands Dr (South)	S. 16th	Brass in casting	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2187	31.994	Flett Creek	S. 74th	Spk in pole S. side of 74th	
2188	gone	Flett Dairy Road	S. 74th	R/R spk in pole #208	10/8/2002
2189	251.676	Flett Dairy Road	S. 74th	R/R spk in p.pole SW cor.	10/8/2002
2190	367.262	Frace Street	Bet Houses#3751	&#3753 R/R spk in p.pole E. side	
2191	369.861	Frace Street	House #3704 Fra	ce R/R spk in p.pole #H2 W. side	
2192	391.256	Frace Street	N. 23rd	R/R spk in p.pole 100' +- S. of centerline N. 23rd	
2193	360.571	Frace Street	N. 40th	R/R spk in p.pole NE cor.	
2194	352.085	Frace Street	N. 42nd	Spk in p.pole NE cor.	
2195	347.847	Frace Street	N. 43rd	R/R spk in p.pole SW cor.	
2196	334.586	Frace Street	N. 45th	R/R spk in p.pole SW cor.	
2197	336.626	Frace Street	N. 46th (to N)	Surface brass mon.	
2198	201.489	Frace Street	N. 51st	Brass mon.	12/19/1994
2199	370.042	Frace Street	View Ridge Dr	Brass mon in casting	
2200	397.679	Frace Street	Westgate Blvd	Brass mon E.	
2201	354.139	Frances Avenue	House #5530 (NE)	R/R spk in p.pole W. side 10' N. of #5530 Frances	
2202	338.736	Frances Avenue	House #5554 (NE)	R/R spk in p.pole W. side on N.P.L. #5554 Frances	
2203	306.217	Frances Avenue	House #5815 (NE)	R/R spk in L. & tel.pole W. side opp House #5815 Frances Ave	
2204	388.125	Frances Avenue	House #5935 (NE)	R/R spk in L. & Tel.pole W. side opp House #5935 Frances Ave	
2205	333.809	Frances Avenue	NE 51st St.	Spk in p.pole NE cor.	
2206	334.034	Frances Avenue	NE 52nd St.	R/R spk in p.pole E. side bet house #5117 & #5123	
2207	339.776	Frances Avenue	NE 53rd St.	R/R spk in p.pole SE cor.	
2208	361.425	Frances Avenue	NE 55th St.	R/R spk in p.pole SE cor.	
2209	320.781	Frances Avenue	NE 58th St.	R/R spk in p.pole SE cor. of NE 58th & Frances Ave	
2210	262.615	Frances Avenue	Scenic Dr	R/R spk in L. & tel.pole N. side at Frances Ave & Scenic Drive	
2211	287.020	G Street	Division	Hi lead in mon.	
2212	264.145	G Street	S. 19th	Brass mon.	
2213	243.183	G Street	S. 25th	Brass mon.	
2214	337.264	G Street	S. 38th	Brass mon.	
2215	344.356	G Street	S. 43rd	Copper in mon.	
2216	364.061	G Street	S. 48th (North)	Surface brass	
2217	364.540	G Street	S. 48th (South)	Surface brass	
2218	397.380	G Street	S. 56th	R/R spk in p.pole SW cor.	
2219	397.492	G Street	S. 64th	Brass mon.	
2220	377.473	G Street	S. 72nd	Brass mon.	
2221	373.047	G Street	S. 76th	Surface brass mon. N.	
2222	382.659	G Street	S. 84th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2223	208.071	G Street	Starr St.	Copper in mon.	
2224	288.001	G Street (East)	E. 34th	Copper in mon.	
2225	324.646	G Street (East)	E. 37th	Surface brass	
2226	324.682	G Street (East)	E. 38th	Copper in state mon.	
2227	387.473	G Street (East)	E. 46th	Brass mon.	
2228	393.825	G Street (East)	E. 56th	Brass mon.	
2229	420.797	G Street (East)	E. 64th	X in SW bolt R/R sig base. N. side of 64th St.	1/21/2000
2230	410.302	G Street (East)	E. 72nd	Brass mon.	
2231	13.752	G Street (East)	Puyallup	Brass mon.	
2232	288.337	Gas pumps at Tac Aviation Ctr		X on conc pad for gas pumps	
2233	353.049	Geiger Street	S. 12th	Brass mon. N.	
2234	352.584	Geiger Street	S. 19th	Brass mon.	
2235	180.321	George Street	E. T St.	R/R spk in p.pole SE cor.	
2236	249.131	George Street	Roosevelt	R/R spk in p.pole SE cor.	
2237	309.580	Gove Street	Center	Copper in mon. 126' E. of Gove St.	
2238	303.016	Gove Street	Center	Copper in mon.	
2239	335.492	Gove Street	N. 37th	X in NW cor. bot. conc. step house #3635 Gove 2' from city walk	
2240	228.855	Gove Street	N. 46th	Brass mon.	
2241	329.936	Gove Street	S. 12th	Brass mon.	
2242	338.232	Gove Street	S. 19th	Brass mon.	
2243	302.534	Gove Street	S. 48th	R/R spk in p.pole #108005 with light	
2244	283.988	Gove Street	S. 49th	R/R spk in p.pole	
2245	291.715	Gove Street	S. 56th	Brass mon.	
2246	273.826	Gove Street	S. 62nd	R/R spk in p.pole NW cor.	
2247	256.047	Gove Street	S. 66th	Brass mon.	
2248	107.547	Grandview Avenue	Bet Wright & E. 32nd	Brass mon.	
2249	60.979	Grandview Avenue	Bet. E. 32nd & Pioneer Way	R/R spk in p.pole #33	
2250	100.902	Grandview Avenue	E. 32nd	Brass mon.	
2251	400.469	Grandview Avenue	E. 72nd	Brass mon. (hole in blacktop)	
2252	81.691	Grandview Avenue	P.Pole #30/6	R/R spk in p.pole #30/6	
2253	41.944	Grandview Avenue	Pioneer Way	R/R spk in p.pole #3/2	
2254	36.496	Grandview Avenue	Pioneer Way	R/R spk in stub guy pole E side of Pioneer Way & Grandview	
2255	115.066	Grandview Avenue	Wright Ave.	R/R spk in p.pole SW cor	
2256	113.842	Grandview Avenue	Wright Ave.	Brass mon.	
2257	105.991	Grandview Drive	S. 19th	X in SW cor. bot. conc. step #8421	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2258	96.148	Grandview Drive	S. 19th	Copper in mon.	
2259	381.568	Grant Avenue	Division Ave.	Brass mon.	
2260	386.588	Grant Avenue	S. 12th	Hi lead in mon.	
2261	387.568	Grant Avenue	S. 15th	Brass mon. NE	
2262	368.738	Grant Avenue	S. 25th	Brass mon.	
2263	381.246	Grant Avenue	S. 9th	Brass in casting	
2264	337.372	Greenhills Street	NE 51st St.	Spk in p.pole NE cor.	
2265	169.686	Gregory Street	E. T St.	R/R spk in p.pole NE cor.	
2266	226.339	Gregory Street	Roosevelt	R/R spk in p.pole E. side	
2267	303.199	Gregory Street	Tyler St.	X in SE bolt orn. light on the NW cor. Intx.	3/18/1998
2268	308.194	Gunnison Street	Center	Brass mon. in casting E.	
2269	312.123	Gunnison Street	S. 36th	Brass mon.	
2270	304.481	Hannah Pierce Rd	Orchard	R/R spk in pole at S. end of Hannah Pierce Road	
2271	317.936	Harbor View Drive	NE 51st St.	Spk in p.pole NW cor.	
2272	297.380	Harmon Street	N. 13th	Brass mon.	
2273	318.112	Harrison Street	E. E St.	X on NW cor top step SE cor int. house #504 Harrsn	
2274	289.789	Harrison Street	E. L St.	R/R spk in p.pole NW cor.	
2275	82.675	Harrison Street	E. T St.	Surface brass mon.	
2276	295.129	Harrison Street	McKinley Ave.	Brass mon.	
2277	93.545	Harrison Street	Portland Ave.	Brass mon.	
2278	170.192	Harrison Street	Roosevelt Av.	R/R spk in p.pole SE cor.	
2279	296.353	Harvard Street	Columbia Ave.	Brass mon.	
2280	376.921	Hawthorne Street	6th Ave.	Brass mon.	
2281	364.124	Heatherwood East	N. 13th	Brass mon.	
2282	337.710	Heatherwood West	N. 13th	Brass mon.	
2283	323.532	Hegra Drive	Jackson Ave.	Brass mon.	
2284	343.946	Highland Ave or St	6th Ave.	Brass mon.	
2285	377.215	Highland Ave or St	N. 11th	Brass in casting	
2286	378.732	Highland Ave or St	N. 14th	Brass in casting	
2287	373.469	Highland Ave or St	N. 21st	Brass mon.	
2288	392.475	Highland Ave or St	N. 26th	Brass mon.	
2289	274.004	Highland Ave or St	N. 42nd	Brass mon. in casting	
2290	308.102	Highland Ave or St	S. 12th	Brass mon.	
2291	296.825	Highland Ave or St	S. 19th	Brass mon.	
2292	377.153	Highland Parkway	Highland Pkwy	X in base of L.pole #59/8	
2293	386.916	Highland Parkway	Highland Pkwy	X in base of L.pole #59/16	
2294	394.258	Highland Parkway	Highland Pkwy	X in base of L.pole #59/20	
2295	398.860	Highland Parkway	Highland Pkwy	Brass P.T. mon. 68' E. of Howe St.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2296	385.107	Highland Parkway	Highland Pkwy	X in base of L.pole #59/34	
2297	389.082	Highland Parkway	Pearl & Prkwy	Brass mon.	
2298	260.558	Homestead Avenue	E. 44th	R/R spk in st.light pole S. side of road	
2299	264.087	Homestead Avenue	E. 44th	P.C. brass mon. 212' E. of Homestead	
2300	368.287	Homestead Avenue	E. 70th	Brass mon.	
2301	371.404	Homestead Avenue	Homestead Circle	Brass mon.	
2302	371.404	Homestead Circle	Homestead Ave.	Brass mon.	
2303	243.705	Hosmer Street	Center St.	Brass mon.	
2304	315.183	Hosmer Street	P.C. Mon. State Hwy	Copper in mon.	
2305	317.064	Hosmer Street	P.T. Mon State Hwy 430' + N. of S. 76th	Copper in mon.	
2306	306.038	Hosmer Street	P.T. Mon. State Hwy in front of Paulson Floor Covering	Copper in mon.	
2307	355.296	Hosmer Street	S. 19th	Brass mon.	
2308	371.082	Hosmer Street	S. 25th	Brass mon.	
2309	319.252	Hosmer Street	S. 72nd	W. edge pipe mon.	
2310	318.578	Hosmer Street	S. 76th	Surface brass mon.	
2311	307.121	Hosmer Street	S. 80th	Surface brass mon.	
2312	308.140	Hosmer Street	S. 82nd	Surface brass mon.	
2313	315.041	Hosmer Street	S. 84th	Surface brass mon.	
2314	299.250	Hosmer Street	S. 86th	Brass mon. by freeway exit	
2315	292.210	Hosmer Street	S. 87th	Brass mon. 50' S of building #8739	
2316	300.511	Hosmer Street	S. 92nd	Brass mon.	
2317	297.165	Hosmer Street	S. 92nd	Brass mon. 20' S. of house #9210	
2318	287.061	Hosmer Street	S. 96th	Brass mon.	
2319	288.049	Hosmer Street	S. 96th	Spk in prim. pole on SE cor. of intersection	
2320	256.702	Hosmer Street	S. Tacoma Way	Brass mon. on N. gutter line of intersection	
2321	256.681	Hosmer Street	S. Tacoma Way	R/R spk in p.pole on S. side of intersection	
2322	316.781	Hosmer Street	South 72nd (Hosmer St Entrance)	Brass mon.	
2323	362.029	Howard Street	6th Ave.	Brass mon.	
2324	355.232	Howard Street	S. 12th	Brass mon.	
2325	357.794	Howard Street	S. 12th	X in SE cor. of top conc. step #1048 S. Howard	
2326	293.879	Howe Street	Division Lane	R/R spk in L.pole SE cor. at intersection	
2327	290.012	Howe Street	E. 38th	Spk in p.pole #11/3 NW cor.	
2328	416.818	Howe Street	E. 64th	SW cor. of bot. conc. step House #1121	
2329	281.869	Huson Street	Center St.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2330	334.769	Huson Street	Moorlands	Brass in casting	
2331	372.343	Huson Street	N. 11th	Brass in casting	
2332	394.278	Huson Street	N. 15th	Brass in casting	
2333	396.612	Huson Street	N. 21st	Brass mon.	
2334	379.981	Huson Street	N. 26th	R/R spk in p.pole NE cor.	
2335	334.862	Huson Street	N. 37th	R/R spk in pole #013034 NE cor.	
2336	238.545	Huson Street	N. 46th	Brass mon.	
2337	334.769	Huson Street	S. 12th	Brass mon.	
2338	303.881	Huson Street	S. 56th	Surface brass mon.	
2339	253.757	Huson Street	S. 66th	Brass mon.	
2340	317.956	I Street	6th Ave.	Copper in mon.	
2341	242.494	I Street	Center St.	Hi lead in mon.	
2342	295.014	I Street	Division Ave.	Brass mon.	
2343	325.544	I Street	S. 12th	Hi lead in mon.	
2344	332.167	I Street	S. 15th	Brass mon.	
2345	350.260	I Street	S. 19th	Brass mon.	
2346	336.580	I Street	S. 25th	Brass mon.	
2347	296.594	I Street	S. 3rd	Brass mon.	
2348	389.553	I Street	S. 48th	Brass mon.	
2349	296.223	I Street	S. 4th	Brass mon.	
2350	380.667	I Street	S. 56th	X in SW bolt of L.pole NE cor.	
2351	301.558	I Street	S. 5th	Brass mon.	
2352	374.032	I Street	S. 64th	Brass mon.	
2353	356.283	I Street	S. 72nd	Brass mon. W.	
2354	362.056	I Street	S. 76th	R/R spk in p.pole #141057 NW cor.	
2355	344.245	I Street	S. 80th	X in NW cor. conc. base of light std. SE cor.	
2356	342.989	I Street	S. 84th	Surface brass mon.	
2357	324.825	I Street	S. 9th	Brass in casting	
2358	297.526	I Street (East)	Division Lane	Brass mon. on E.P.L.	
2359	316.107	I Street (East)	E. 38th	R/R spk in p.pole #9/1 on NE cor.	
2360	401.911	I Street (East)	E. 56th	Brass mon.	
2361	417.380	I Street (East)	E. 64th	SW cor. of bot. conc. step house #907	
2362	417.844	I Street (East)	E. 72nd	Surface brass mon.	
2363	11.667	I Street (East)	Puyallup Ave	Brass mon.	
2364	243.859	J Street	Center St.	Brass mon.	
2365	310.535	J Street	Division Ave.	Brass mon.	
2366	338.776	J Street	S. 12th	Copper in mon.	
2367	350.202	J Street	S. 15th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2368	366.058	J Street	S. 19th	Brass mon.	
2369	351.427	J Street	S. 25th	Brass mon.	
2370	350.463	J Street	S. 38th	Brass mon.	
2371	394.320	J Street	S. 48th	Brass mon. to N.	
2372	396.084	J Street	S. 48th	Brass mon. to S.	
2373	377.759	J Street	S. 56th	X in SW L.pole NW cor.	
2374	364.887	J Street	S. 64th	Brass mon.	
2375	360.378	J Street	S. 72nd	Brass mon.	
2376	338.548	J Street	S. 76th	Surface brass mon.	
2377	339.550	J Street	S. 76th	R/R spk in p.pole #141031 on E. PL House #1021	
2378	337.192	J Street	S. 80th	Surface brass mon.	
2379	326.890	J Street	S. 84th	X on SW cor. conc. slab transf. base SW cor. int.	
2380	327.685	J Street	S. 84th	Surface brass mon.	
2381	334.365	J Street	S. 92nd	Spk in p.pole #152012, SE cor.	
2382	323.036	J Street	S. 94th	Surface brass mon.	
2383	322.950	J Street	S. 95th	X on SW cor. electrical vault N. of House #9437	
2384	324.814	J Street	S. 96th	R/R spk in p.pole S. side of S. 96th	
2385	332.045	J Street	S. 9th	Brass in casting	
2386	296.862	J Street (East)	Division Lane	R/R spk in L.pole SW cor. at intersection	
2387	308.626	J Street (East)	E. 38th	R/R spk in p.pole #10/1	
2388	409.061	J Street (East)	E. 56th	Brass mon.	
2389	417.409	J Street (East)	E. 64th	SW cor. of bot. conc. step house #932	
2390	11.626	J Street (East)	Puyallup Ave.	Brass mon.	
2391	336.098	Jackson Avenue	#976 S. Jackson	X on SE cor. of conc. porch slab	
2392	314.573	Jackson Avenue	6th Ave.	Brass mon.	
2393	323.532	Jackson Avenue	Hegra Dr.	Brass mon.	
2394	344.874	Jackson Avenue	Leif Ericson	Brass mon.	
2395	278.662	Jackson Avenue	N. 10th	X on SW bolt orn. light, NE cor.	
2396	272.479	Jackson Avenue	N. 11th	Surface brass mon. opposite 1140 Jackson	12/3/1999
2397	273.381	Jackson Avenue	N. 13th	Surface brass mon.	12/3/1999
2398	290.992	Jackson Avenue	N. 15th	X on SW cor. bot. step house #1501 N. Jackson	12/3/1999
2399	288.864	Jackson Avenue	N. 15th	Surface brass mon.	12/3/1999
2400	295.132	Jackson Avenue	N. 15th	NE bolt orn.light opposite 1516 Jackson	12/3/1999
2401	303.087	Jackson Avenue	N. 16th	Surface brass mon. in planter (PI mon. Jackson & Narrows Dr.	12/3/1999
2402	308.947	Jackson Avenue	N. 17th	Brass mon. in case	12/3/1999
2403	304.266	Jackson Avenue	N. 17th	Spk in p.pole #1527 E. side of road	
2404	335.671	Jackson Avenue	S. 12th	Brass mon.	
2405	336.098	Jackson Avenue	S. 12th	X on SE cor. porch slab #976 Jackson Ave.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2406	338.095	Jackson Avenue	S. 15th	Brass mon. E.	
2407	349.666	Jackson Avenue	S. 19th	Brass mon.	
2408	349.076	Jackson Avenue	S. 19th	X on NW cor. apron in front University Builders	
2409	316.934	Jackson Avenue	S. 8th	Brass mon.	
2410	277.095	Jackson Avenue	S. Side Hwy. 16	X on bolt orn. light, SW cor. of exit from Hwy. 16	
2411	343.203	Jackson Avenue	Sunray Dr.	Brass mon.	
2412	339.453	Jackson Avenue	Suspension Dr.	Brass mon.	
2413	335.094	Jackson Avenue	Westley Dr.	Brass mon.	
2414	317.910	James Street	Bridgeview Dr.	Brass mon.	
2415	306.641	James Street	N. 13th	Brass mon.	
2416	85.094	Jefferson Avenue	Broadway	Brass mon.	
2417	169.867	Jefferson Avenue	Fawcett	Brass mon.	
2418	56.744	Jefferson Avenue	Pacific	Brass mon.	
2419	70.950	Jefferson Avenue	S. 17th	Hi lead in mon. E.	
2420	98.775	Jefferson Avenue	S. 19th	Brass mon. E.	
2421	118.709	Jefferson Avenue	S. 21st	Copper in mon.	
2422	121.451	Jefferson Avenue	S. 21st	X on NE cap. of bolt on conc. base of orn. Light SW cor.	
2423	136.403	Jefferson Avenue	S. 23rd	Copper in mon. S.	
2424	134.885	Jefferson Avenue	S. 23rd	Copper in mon. (Center)	
2425	134.559	Jefferson Avenue	S. 23rd	Brass mon. N.	
2426	150.732	Jefferson Avenue	S. 25th	Brass mon. W.	
2427	182.678	Jefferson Avenue	S. 27th	X 2.5' back from end of conc. retaining wall on back walk line by fire station SW cor. Of S. 27th	
2428	173.414	Juniper Street	N. 15th	X in N. rim of manhole	
2429	195.449	Juniper Street	N. 17th	W. brass mon.	
2430	348.556	Junnett Street	6th Ave	Copper in mon.	
2431	336.515	Junnett Street	N. 11th	X on NE cor. conc. base for light std. NW cor.	
2432	318.522	Junnett Street	N. 15th	Surface brass mon.	
2433	312.416	Junnett Street	N. 21st	Copper in mon.	
2434	316.047	Junnett Street	N. 24th	Brass mon.	
2435	315.156	Junnett Street	N. 25th	Copper in mon.	
2436	314.213	Junnett Street	N. 26th	Copper in mon.	
2437	302.620	Junnett Street	N. 28th	Copper in mon.	
2438	237.053	Junnett Street	N. 30th	Brass mon.	
2439	374.575	Junnett Street	S. 12th	Surface brass mon.	
2440	383.564	Junnett Street	S. 15th	Brass mon.	
2441	302.265	Junnett Street	S. 38th	Brass mon.	
2442	301.585	Junnett Street	S. 47th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2443	277.772	Junnett Street	S. 56th	Brass mon. to S.	
2444	268.593	Junnett Street	S. 62nd	R/R spk in guy pole SW cor.	
2445	269.498	Junnett Street	S. 66th	R/R spk in p.pole SE cor.	
2446	244.843	K Street	Center St.	Copper in mon.	
2447	335.461	K Street	Division Ave.	Brass mon.	
2448	351.049	K Street	S. 12th	W. edge of case rim on mon.	
2449	357.654	K Street	S. 15th	Brass mon.	
2450	364.023	K Street	S. 19th	Brass mon.	
2451	352.443	K Street	S. 25th	Brass mon.	
2452	358.291	K Street	S. 38th	Brass mon.	
2453	392.103	K Street	S. 48th	Brass mon. to S.	
2454	361.768	K Street	S. 56th	X in SW bolt of L.pole NE cor.	
2455	375.233	K Street	S. 64th	Brass mon.	
2456	352.886	K Street	S. 72nd	Brass mon.	
2457	335.788	K Street	S. 80th	Surface brass mon.	
2458	325.302	K Street	S. 96th	Spk in prim. pole 300' E. of K St.	
2459	327.227	K Street	S. 96th	X on NE cor. of conc. slab of house #1012	
2460	327.013	K Street	S. 96th	Spk in p.pole SW cor.	
2461	346.881	K Street	S. 9th	Copper in mon.	
2462	295.904	K Street (East)	Division Lane	R/R spk in L. pole SW cor. At intersection	
2463	290.011	K Street (East)	E. 38th	Spk in p.pole #10/5 NW cor.	
2464	401.017	K Street (East)	E. 56th	Brass mon.	
2465	423.328	K Street (East)	E. 64th	Spk in pole NW cor.	
2466	413.706	K Street (East)	E. 72nd	Mon. in casting	
2467	208.351	Karl Johan Avenue	6th Ave.	Surface brass mon. opposite 618 Karl Johan (PI mon)	12/16/1999
2468	214.517	Karl Johan Avenue	6th Ave.	Brass mon.	12/16/1999
2469	251.197	Karl Johan Avenue	S. 12th	R/R spk in p.pole #067024 SW cor.	
2470	207.612	Karl Johan Avenue	Terrace Dr.	Surface brass mon.	12/16/1999
2471	10.499	Knox Street	Ruston Way	Brass mon. centerline R/W, 100' E. of bldg. 4303	
2472	351.436	L Street	6th Ave.	Copper in mon.	
2473	246.347	L Street	Center St.	Hi lead in mon.	
2474	349.031	L Street	Division Ave.	Copper in mon.	
2475	364.441	L Street	N. 10th	Copper in mon.	
2476	361.878	L Street	N. 11th	Copper in mon.	
2477	336.863	L Street	N. 12th	Copper in mon.	
2478	349.271	L Street	N. 4th	N. side of hi lead	
2479	346.521	L Street	N. 5th	Copper in mon.	
2480	351.897	L Street	N. 6th	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2481	349.522	L Street	N. 7th	Copper in mon.	
2482	352.986	L Street	N. 8th	Copper in mon.	
2483	364.490	L Street	N. 9th	Copper in mon.	
2484	350.936	L Street	S. 10th	Copper in mon.	
2485	353.332	L Street	S. 11th	Copper in mon.	
2486	353.411	L Street	S. 12th	Hi lead in mon.	
2487	358.443	L Street	S. 15th	Brass mon.	
2488	366.156	L Street	S. 19th	Brass mon.	
2489	355.494	L Street	S. 25th	Brass mon.	
2490	368.270	L Street	S. 38th	Brass mon.	
2491	374.992	L Street	S. 48th	Brass mon. to S.	
2492	350.194	L Street	S. 4th	Copper in mon.	
2493	354.422	L Street	S. 56th	Brass mon. 75' W. of intersection	
2494	351.114	L Street	S. 5th	Copper in mon.	
2495	379.280	L Street	S. 64th	Brass mon.	
2496	339.210	L Street	S. 72nd	Brass mon.	
2497	333.700	L Street	S. 76th	R/R spk in p.pole #1123 NE cor. of inters. to N.	
2498	337.486	L Street	S. 76th S.	R/R spk in p.pole #141030 N. side of inters. to S.	
2499	350.967	L Street	S. 7th	Copper in mon.	
2500	333.548	L Street	S. 80th	Surface brass mon.	
2501	335.509	L Street	S. 84th	X on NW cor. bot. conc. step house #1116 S. 84th	
2502	331.688	L Street	S. 84th	X on NE cor. conc. drive at house #1020	
2503	351.036	L Street	S. 8th	N. side of hi lead	
2504	320.456	L Street	S. 96th	Spk in pole S. side of 96th	
2505	325.778	L Street	S. 96th	Spk in pole 125' E. of L St. on N. side of 96th	
2506	351.280	L Street	S. 9th	Brass mon.	
2507	68.335	L Street (East)	E. 26th	R/R spk in p.pole SW cor.	
2508	98.530	L Street (East)	E. 27th	R/R spk in p.pole NW cor.	
2509	145.481	L Street (East)	E. 28th	R/R spk in p.pole W. side	
2510	173.343	L Street (East)	E. 29th	R/R spk in p.pole NW cor.	
2511	210.726	L Street (East)	E. 30th	R/R spk in p.pole NW cor. Valley View Terrace	
2512	245.408	L Street (East)	E. 31st	R/R spk in p.pole W. side opposite L.pole #17	
2513	282.545	L Street (East)	E. 31st	R/R spk in p.pole #27/94-314 opposite house #3117 E. L St	
2514	287.739	L Street (East)	E. 34th	R/R spk in p.pole NW cor.	
2515	289.520	L Street (East)	E. 35th	R/R spk in p.pole NW cor.	
2516	284.029	L Street (East)	E. 38th	R/R spk in p.pole #12/1 NE cor.	
2517	353.123	L Street (East)	E. 56th	Brass mon.	
2518	397.566	L Street (East)	E. 64th	Spk in pole on NE cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2519	416.140	L Street (East)	E. 68th	X on end back walk N P.L. house #6802	
2520	416.797	L Street (East)	E. 69th	Surface brass mon.	
2521	418.903	L Street (East)	E. 70th	Surface brass mon.	
2522	418.605	L Street (East)	E. 71st	Surface brass mon.	
2523	419.382	L Street (East)	E. 72nd	Brass mon. in casting	
2524	285.589	L Street (East)	E. Fairbanks	R/R spk L.pole NE cor.	
2525	289.789	L Street (East)	E. Harrison	R/R spk in p.pole NW cor.	
2526	288.426	L Street (East)	E. Morton	R/R spk L.pole SE cor.	
2527	288.711	L Street (East)	E. Wright	R/R spk in p.pole W. side approx. 136' N of inters	
2528	11.138	L Street (East)	Puyallup Avenue	Brass mon.	
2529	306.300	Lakewood Dr West	Hannah Pierce	R/R spk in pole 200' S. of Hannah Pierce Road	
2530	255.602	Lakewood Dr West	S. 64th W.	R/R spk in SE cor.	
2531	252.476	Lakewood Dr West	S. 66th W.	Brass mon.	
2532	250.162	Lakewood Dr West	S. 68th W.	Brass mon.	
2533	250.165	Lakewood Dr West	S. 70th W.	Brass mon.	
2534	248.440	Lakewood Dr West	S. 72nd W.	Brass mon. at driveway of Meadow Park Golf Course	
2535	249.451	Lakewood Dr West	S. 74th W.	X on traffic control box NW cor. on SE cor. inters	
2536	124.569	Laurel Lane	6th Ave.	Brass mon.	
2537	376.919	Lawrence Street	6th Ave.	Hi lead in mon.	
2538	274.435	Lawrence Street	Center St.	Brass mon.	
2539	319.655	Lawrence Street	House #2116	X in S. end of bot. conc. step House #2116 N. Lawrence, use N. set of steps	
2540	356.417	Lawrence Street	N. 10th	Copper in mon.	
2541	354.590	Lawrence Street	N. 11th	Copper in mon.	
2542	336.631	Lawrence Street	N. 13th	Copper in mon.	
2543	335.252	Lawrence Street	N. 14th	Copper in mon.	
2544	333.938	Lawrence Street	N. 15th	Hi lead in mon.	
2545	331.518	Lawrence Street	N. 16th	Hi lead in mon.	
2546	330.401	Lawrence Street	N. 18th	Hi lead in mon.	
2547	327.175	Lawrence Street	N. 19th	Hi lead in mon. to E.	
2548	323.495	Lawrence Street	N. 19th	Copper in mon.	
2549	322.070	Lawrence Street	N. 20th	Copper in mon.	
2550	319.750	Lawrence Street	N. 21st	Copper in mon.	
2551	315.056	Lawrence Street	N. 24th	Copper in mon.	
2552	314.714	Lawrence Street	N. 25th	Copper in mon.	
2553	314.434	Lawrence Street	N. 26th	Copper in mon.	
2554	308.190	Lawrence Street	N. 27th	Brass mon.	
2555	304.330	Lawrence Street	N. 28th	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2556	288.860	Lawrence Street	N. 29th	Brass mon.	
2557	276.242	Lawrence Street	N. 30th	Copper in mon.	
2558	376.097	Lawrence Street	N. 7th	Copper in mon.	
2559	370.632	Lawrence Street	N. 8th	Copper in mon.	
2560	364.870	Lawrence Street	N. 9th	Brass mon. W.	
2561	371.616	Lawrence Street	S. 12th	Surface brass mon.	
2562	355.016	Lawrence Street	S. 19th	Brass mon.	
2563	243.884	Lawrence Street	S. 35th	Brass mon.	
2564	307.345	Lawrence Street	S. 38th	Brass mon.	
2565	320.160	Lawrence Street	S. 47th	Brass mon.	
2566	250.580	Lawrence Street	S. 56th	Brass mon. N.	
2567	249.488	Lawrence Street	S. 56th	Brass mon. S.	
2568	257.605	Lawrence Street	S. 62nd	Brass in casing	
2569	251.787	Lawrence Street	S. 66th	R/R spk in p.pole SW cor.	
2570	259.800	Lawrence Street	S. 74th	Brass mon.	
2571	283.918	Lawrence Street	S. 84th	Surface brass mon.	
2572	258.784	Lawrence Street	S. Tacoma Way	Brass mon. approx. 200' S. of intersection	
2573	344.874	Leif Ericson	Jackson Ave.	Brass mon.	
2574	374.354	Lenore Drive	N. 17th or Westgate Blvd	Brass mon.	
2575	351.099	Lenore Drive	N. 24th	Brass on. in casting	
2576	327.070	Lexington Street	Hale S.	R/R spk in p.pole NW cor.	
2577	397.864	Lexington Street	N. 23rd	R/R spk in p.pole #026019 50' S of centerline of N. 23rd	
2578	347.777	Lexington Street	N. 46th	R/R spk in p.pole NW cor.	
2579	342.340	Lexington Street	N. 48th	R/R spk in p.pole N. side	
2580	318.024	Lexington Street	N. 49th	R/R spk in p.pole NE cor.	
2581	298.971	Lexington Street	N. 49th	R/R spk in p.pole E. side of street by S.P.L. of House #4921	
2582	260.589	Lexington Street	N. 50th	R/R spk in p.pole NE cor.	
2583	216.722	Lexington Street	N. 51st	Surface brass mon.	12/19/1994
2584	399.451	Lexington Street	Westgate Blvd.	Brass mon.	
2585	13.822	Lincoln Avenue	Blair Wtrwy	Top of bolt on NE cor. of NE leg of transmission tower on W. side of waterway	
2586	13.925	Lincoln Avenue	Blair Wtrwy	Top of bolt on N side of NW leg of transmission tower on E. side of waterway	
2587	11.082	Lincoln Avenue	Bldg. #2545	X on W. side of conc. slab of Stauffers office bldg. #2545 Lincoln Ave	
2588	11.718	Lincoln Avenue	Foss Wire & Rigging Bldg	R/R spk in p.pole N. side of road at E. end of bldg	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2589	10.727	Lincoln Avenue	Marc St.	Surface brass mon.	
2590	11.685	Lincoln Avenue	Marine View Drive	Brass mon. in casting in island	
2591	11.274	Lincoln Avenue	Milwaukee Way	Brass mon.	
2592	19.782	Lincoln Avenue	Olympic St.	Surface brass mon.	
2593	11.335	Lincoln Avenue	On Lincoln by 1st set RR tracks E. of Adams Peanut Butter	Surface brass mon	
2594	11.196	Lincoln Avenue	Pole #3305	R/R spk in L. & tel.pole #3305 & #97	
2595	10.909	Lincoln Avenue	Port of Tac Rd	Surface brass mon.	
2596	12.727	Lincoln Avenue	Portland Ave.	Top of NE bolt on orn. L.pole #20/1 NE cor.	
2597	10.047	Lincoln Avenue	Portland Ave.	Brass mon.	
2598	11.182	Lincoln Avenue	Stewart St.	Surface brass mon. in conc. parking	
2599	11.580	Lincoln Avenue	Taylor Way	R/R spk in p.pole NW cor.	
2600	12.205	Lincoln Avenue	Taylor Way	R/R spk in pole #2065 at Buffelen office	
2601	10.822	Lincoln Avenue (listed under Alexander as 10.759)	Alexander	Brass mon.	
2602	153.220	Linden Lane	6th Ave.	Brass mon.	
2603	172.139	Linden Lane	S. 12th	R/R spk in L.pole NW cor.	
2604	168.449	Linden Lane	S. 12th	R/R spk in p.pole W side of street (430' N. of S. 12th)	
2605	167.274	Locust Lane	6th Ave.	Copper in mon.	
2606	200.453	Locust Lane	S. 12th	R/R spk in p.pole #067012 S. side of street	
2607	247.439	M Street	Center St.	Copper in mon.	
2608	351.555	M Street	Division Ave.	Copper in mon.	
2609	354.651	M Street	S. 12th	Copper in mon.	
2610	360.862	M Street	S. 15th	Brass mon.	
2611	364.771	M Street	S. 19th	Brass mon.	
2612	352.085	M Street	S. 25th	Brass mon.	
2613	239.427	M Street	S. 30th	Brass mon.	
2614	331.749	M Street	S. 34th	Brass mon. (W.S.dot)	
2615	339.133	M Street	S. 35th	Brass E. mon.	
2616	343.785	M Street	S. 36th	Copper in mon.	
2617	353.710	M Street	S. 37th	Brass mon.	
2618	371.667	M Street	S. 38th	Brass mon.	
2619	385.940	M Street	S. 39th	R/R spk L.pole NE cor.	
2620	390.740	M Street	S. 40th	R/R spk L.pole NE cor.	
2621	388.601	M Street	S. 41st	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2622	385.697	M Street	S. 43rd	Brass mon.	
2623	383.982	M Street	S. 45th	Brass mon.	
2624	387.679	M Street	S. 46th	Brass mon.	
2625	369.707	M Street	S. 48th	Brass mon. E.	
2626	369.849	M Street	S. 48th	X in NW cor. bot. step house #1302 S. 48th St.	
2627	366.942	M Street	S. 50th	R/R spk L.pole SE cor.	
2628	364.809	M Street	S. 52nd	R/R spk L.pole SE cor.	
2629	353.671	M Street	S. 54th	R/R spk L.pole NE cor.	
2630	346.498	M Street	S. 56th	Brass mon.	
2631	393.746	M Street	S. 64th	Brass mon. to S.	
2632	339.375	M Street	S. 72nd	Brass mon.	
2633	349.724	M Street	S. 76th	Surface brass mon.	
2634	328.830	M Street	S. 84th	X on vert. metal plat on metal p.pole	
2635	334.179	M Street	S. 84th	Surface brass mon. 191' E of M St.	
2636	330.275	M Street	S. 84th	Surface brass mon.	
2637	351.830	M Street	S. 9th	Brass in casting	
2638	250.903	M Street	S. Tacoma Way	X on W. bolt on L.pole NE cor.	
2639	348.663	M Street	Steele St.	Brass mon.	
2640	15.236	M Street (East)	E. 25th	R/R spk in p.pole 10' W. of house #1311	
2641	16.463	M Street (East)	E. 25th	R/R spk in p.pole NW cor.	
2642	263.006	M Street (East)	E. 38th	R/R spk pole #13/1 NE cor.	
2643	330.161	M Street (East)	E. 56th	Brass mon.	
2644	331.217	M Street (East)	E. 57th	X on SW cor. conc. bot. step house #5615	
2645	336.726	M Street (East)	E. 59th	Surface brass mon.	
2646	342.649	M Street (East)	E. 60th	Surface brass mon.	
2647	353.438	M Street (East)	E. 61st	Surface brass mon.	
2648	367.353	M Street (East)	E. 62nd	Surface brass mon.	
2649	376.796	M Street (East)	E. 63rd	Surface brass mon.	
2650	384.536	M Street (East)	E. 64th	R/R spk in NE cor.	
2651	381.945	M Street (East)	E. 64th	SE cor. bot. conc. step, house #1232	
2652	386.414	M Street (East)	E. 65th	Surface brass mon.	
2653	390.924	M Street (East)	E. 66th	X on NE cor. conc. landing house #6514	
2654	396.511	M Street (East)	E. 67th	R/R spk in p.pole NE cor.	
2655	399.808	M Street (East)	E. 68th	Surface brass mon. E.	
2656	413.870	M Street (East)	E. 72nd	Brass mon. in casting	
2657	10.601	M Street (East)	Puyallup Ave.	Brass mon.	
2658	369.141	Madison Street	6th Ave.	Brass mon.	
2659	307.353	Madison Street	Center St.	Brass mon. in casting	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2660	352.558	Madison Street	N. 11th	Surface brass mon.	
2661	351.818	Madison Street	N. 15th	Brass in casting	
2662	356.659	Madison Street	N. 21st	Brass mon.	
2663	350.058	Madison Street	N. 26th	Brass mon.	
2664	300.917	Madison Street	N. 34th	Copper in mon.	
2665	298.089	Madison Street	N. 38th	Hi lead in mon.	
2666	381.307	Madison Street	S. 12th	Brass mon. E.	
2667	320.192	Madison Street	S. 19th	Brass mon.	
2668	312.335	Madison Street	S. 36th	Brass P.C. mon. 166' E. of S. 36th & Madison	
2669	314.431	Madison Street	S. 36th	Brass mon.	
2670	237.621	Madison Street	S. 56th	Brass mon.	
2671	246.946	Madison Street	S. 66th	Brass mon.	
2672	234.740	Madison Street	S. 74th	Spk in pole #182	
2673	111.110	Magnolia Lane	6th Ave.	Copper in mon.	
2674	88.692	Magnolia Lane	6th Ave.	Hi lead in P.T. mon. W.	
2675	294.557	Manitou Way	P.Pole 107007	R/R spk in pole	
2676	287.915	Manitou Way	P.Pole 107011	R/R spk in pole	
2677	283.811	Manitou Way	P.Pole 107014	R/R spk in pole	
2678	303.370	Manitou Way	Pole #14	R/R spk in pole #14 W. side of road	
2679	283.822	Manitou Way	Pole #41	R/R spk in L.pole #41	
2680	299.144	Manitou Way	S. 38th	R/R spk in p.pole	
2681	299.450	Manitou Way	S. 39th	R/R spk w/orn. light #39/2	
2682	302.995	Manitou Way	S. 40th	R/R spk in p.pole #090019	
2683	301.877	Manitou Way	S. 41st	Brass mon. in casting	
2684	298.233	Manitou Way	S. 41st	Surface brass mon. approx. 300' S. of S. 41st St.by p. pole #107004, house #4122 S. Tyler	
2685	259.734	Manitou Way	S. 56th	Top bolt SE cor. orn. light on NW cor. inters.	
2686	268.142	Manitou Way	S. 56th	Surface brass mon. P.I. mon. 213' W. at inters	
2687	295.189	Manitou Way	S. 60th	R/R spk in last prim. pole N. of Mt. Tahoma School	
2688	285.500	Manitou Way	S. 62nd	R/R spk in prim. pole 50' S. of intersection on W. side of road	
2689	273.315	Manitou Way	S. 64th	Brass mon.	
2690	267.715	Manitou Way	S. 65th	Brass mon.	
2691	189.865	Marine View Drive	City Limits	P.I. Brass mon. #27 510' E. of Cliff House Rest.	
2692	12.080	Marine View Drive (to N.of E. 11th St)	#3622	Copper in mon. front of machine shop Marine View Drive	
2693	13.862	Marine View Drive (to N.of E. 11th St)	Brass P.I. mon.	27' SE from p.pole #130	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2694	184.392	Marine View Drive (to N.of E. 11th St)	Cliff House	R/R spk in p.pole nearest road on S. side of Marine View Drive at W. side of Cliff House Rest.	
2695	17.247	Marine View Drive (to N.of E. 11th St)	Spk in p.pole	#189016	
2696	16.910	Marine View Drive (to N.of E. 11th St)	Spk in p.pole	#190 X on SE conc. Dr. house #5118 Marine View Drive	
2697	12.238	Marine View Drive (to N.of E. 11th St)	West Side Rd.	Spk in p.pole #190045	
2698	12.760	Marine View Drive (to S.of E. 11th St)	#1605	R/R Spk in asphalt 1' from So. Gate post @ North entr. Streich Bros. Inc.	
2699	13.362	Marine View Drive (to S.of E. 11th St)	#1605	R/R Spk in asphalt So. Gate post @ westerly side MVD Streich Bros. Inc.	
2700	13.614	Marine View Drive (to S.of E. 11th St)	#1605	chiseled cross in conc. 1.5' east of North gate post west side MVD	
2701	13.343	Marine View Drive (to S.of E. 11th St)	#1605	chiseled cross in conc. @ North gate post west side MVD	
2702	11.683	Marine View Drive (to S.of E. 11th St)	#2218	chiseled X in conc. Apron at SE corner metal bld of Modutech Inc.	
2703	10.102	Marine View Drive (to S.of E. 11th St)	Blaines Marine Works	R/R spk in p.pole #18009	
2704	12.829	Marine View Drive (to S.of E. 11th St)	Bldg. #2218	R/R spk in N. brace in front of bldg on Marine View Drive	
2705	12.117	Marine View Drive (to S.of E. 11th St)	General Metals	R/R spike in asphalt 1' from Northerly gate post at Gate "B"	
2706	11.753	Marine View Drive (to S.of E. 11th St)	General Metals	railroad spike in asphalt 1' from Northerly gate post at Gate "C"	
2707	11.964	Marine View Drive (to S.of E. 11th St)	General Metals	railroad spike in asphalt 1' from Northerly gate post at Gate "D"	
2708	12.937	Marine View Drive (to S.of E. 11th St)	Hylebos Creek	chiseled cross in NW end of bridge on MVD over Hylebos Creek	
2709	12.419	Marine View Drive (to S.of E. 11th St)	Jones Chemical	railroad spike in asphalt 1' from southerly gate post at #1919 MVD	
2710	10.523	Marine View Drive (to S.of E. 11th St)	Knapps	chiseled X in conc. footing at NE fence cor of Knapps Boat Yard	
2711	11.032	Marine View Drive (to S.of E. 11th St)	Knapps Boat Building Co.	R/R spk in p.pole #18006 95' S. of Hyd. #26	
2712	11.685	Marine View Drive (to S.of E. 11th St)	Lincoln Ave.	Brass mon. in casting in the island	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2713	10.815	Marine View Drive (to S.of E. 11th St)	Matcher	chiseled X in conc. Footing at SE gate post to Mather Auctions on west side MVD	
2714	15.030	Marine View Drive (to S.of E. 11th St)	McMurray	railroad spike in power pole at intersection with McMurray Rd	
2715	14.621	Marine View Drive (to S.of E. 11th St)	McMurray Road	R/R spk in tel.pole on NE cor. of intersection	
2716	11.945	Marine View Drive (to S.of E. 11th St)	Pole 184011	R/R spk in p.pole	
2717	11.220	Marine View Drive (to S.of E. 11th St)	Pole 184013	R/R spk in p.pole 106' S. of hyd. #32	
2718	10.038	Marine View Drive (to S.of E. 11th St)	Power Pole #18100	railroad spike in power pole	
2719	10.942	Marine View Drive (to S.of E. 11th St)	Power Pole #181002	railroad spike in power pole	
2720	17.490	Marine View Drive (to S.of E. 11th St)	Power Pole #184004	railroad spike in power pole	
2721	17.871	Marine View Drive (to S.of E. 11th St)	Power Pole #184006	railroad spike in power pole	
2722	19.134	Marine View Drive (to S.of E. 11th St)	Power Pole #184007	railroad spike in power pole	
2723	11.216	Marine View Drive (to S.of E. 11th St)	Power Pole #184013	railroad spike in power pole	
2724	13.580	Marine View Drive (to S.of E. 11th St)	Power Pole #190052	railroad spike in power pole	
2725	10.237	Marine View Drive (to S.of E. 11th St)	Power Pole #5	railroad spike in power pole opposite Hylebos Boat Haven #1940 Marine View Drive	
2726	12.026	Marine View Drive (to S.of E. 11th St)	Tacoma Boat	R/R spike in asphalt 1' from Northerly gate post at entrance	
2727	10.590	Marine View Drive (to S.of E. 11th St)	Taylor Way	X in top of NE bolt of L.pole on NE cor. of inters	
2728	10.138	Marine View Drive (to S.of E. 11th St)	Taylor Way	Bolt Chiseled cross in top of bolt on NE corner Stnd at NE corner Taylor and Marine View Drive	
2729	12.364	Marine View Drive (to S.of E. 11th St)	Vault	chiseled cross in NE corner of concrete vault west side MVD	
2730	166.940	Market Street	S. 11th	Surface brass mon.	
2731	149.941	Market Street	S. 13th	Surface brass mon.	
2732	136.641	Market Street	S. 15th	Surface brass mon.	
2733	125.704	Market Street	S. 17th	Copper in mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2734	121.963	Market Street	S. 19th	Brass mon.	
2735	180.626	Market Street	S. 9th	Mon.	
2736	12.050	Marshall Avenue	Bet. Port Tac. Rd & Milwaukee Way	On Marshall Ave. 140' W. of SW cor. Of bldg #2682 Port Tac Rd. Brass mon	
2737	10.010	Marshall Avenue	Milwaukee Way	X on SE cor. conc. slab pump sta. on SW cor.	
2738	11.896	Marshall Avenue	Training Ctr.	Brass mon. (Fire Station)	
2739	10.520	Marshall Street	Ruston Way	Brass mon.	
2740	10.346	Marshall Street	Ruston Way	Brass mon. (174' W. of Marshall St. front of Bayshore Marine	
2741	365.434	Mason Avenue	6th Ave.	Copper in mon.	
2742	372.159	Mason Avenue	N. 11th	Westerly surface brass mon.	
2743	375.399	Mason Avenue	N. 15th	R/R spk in p.pole #039118 NE cor.	
2744	354.173	Mason Avenue	N. 26th	Brass mon.	
2745	307.125	Mason Avenue	N. 34th	XX in NE cor. bot. conc. step house #4302 N. 34th	
2746	317.215	Mason Avenue	N. 37th	Ctr. nut hyd. SW cor.	
2747	410.232	Mason Avenue	S. 12th	Brass mon.	
2748	311.825	Mason Avenue	S. 19th	Brass mon. (most westerly)	
2749	309.943	Mason Avenue	S. 19th	Brass mon. 326' W. of Mason	
2750	306.943	Mason Avenue	S. 21st	Brass mon. (P.I. mon. 80' S. of L.pole 19/4)	
2751	310.553	Mason Avenue	S. 23rd	Brass mon. (P.I. mon. 25' N. of L.pole 21/2)	
2752	312.681	Mason Avenue	S. 25th	X on surface of steel base of L.pole 21/4, 25' S. of Foss H.S. entrance W. side of road	
2753	312.858	Mason Avenue	S. 28th	Copper in pipe mon. 50' S. of entr. To Cheney Stad.	
2754	312.026	Mason Avenue	S. 29th	P.C. mon. copper in pipe mon. 100' S. of freeway bridge	
2755	268.127	Mason Avenue	S. 56th	P.I. brass mon. 213' W. of Manitou Way	
2756	301.417	Mason Avenue	S. 62nd	Surface brass mon.	
2757	258.690	Mason Avenue	S. 66th	Brass mon. N.	
2758	240.522	Mason Avenue	S. 74th	R/R spk in pole SE cor.	
2759	282.809	Mason Avenue	Tyler St.	Surface brass mon. 120' S. of Mason & Tyler	
2760	11.832	Maxwell Way	Port of Tac.	Brass mon.	
2761	346.236	McArthur Street	6th Ave.	Surface brass mon.	
2762	358.262	McArthur Street	S. 12th	Brass mon.	
2763	359.741	McArthur Street	S. 12th	X in SE cor. top conc. step #1048 S. McArthur	
2764	309.187	McBride Street	Orchard St.	Large PK centerline of road at intersection	
2765	143.682	McCarver Street	N. 26th	X in conc. light std. NE cor.	
2766	118.238	McCarver Street	N. 27th	Surface brass mon.	
2767	90.313	McCarver Street	N. 28th	Surface brass mon.	
2768	64.374	McCarver Street	N. 29th	Surface brass mon.	
2769	38.655	McCarver Street	N. 30th	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2770	165.906	McCarver Street	Tacoma Ave.	Surface brass mon.	
2771	206.654	McKinley Avenue	Bet. E. D & E. G (Transition)	X on bolt E. side M/L light std. #46, 3rd pole SE of E. D & McKinley Avenue	
2772	425.456	McKinley Avenue	Bismark St.	Brass mon.	
2773	301.289	McKinley Avenue	Division Lane	Brass mon. W.	
2774	287.081	McKinley Avenue	E. 34th	Brass mon.	
2775	290.111	McKinley Avenue	E. 35th	Brass mon.	
2776	322.540	McKinley Avenue	E. 36th	Brass mon.	
2777	325.760	McKinley Avenue	E. 37th	Brass mon.	
2778	329.094	McKinley Avenue	E. 38th	Brass mon.	
2779	319.675	McKinley Avenue	E. 40th	Brass mon.	
2780	362.099	McKinley Avenue	E. 43rd	Brass mon.	
2781	372.193	McKinley Avenue	E. 44th E.	Brass mon.	
2782	378.404	McKinley Avenue	E. 45th E.	Brass mon.	
2783	386.976	McKinley Avenue	E. 46th E.	Brass mon.	
2784	393.392	McKinley Avenue	E. 47th	Brass mon.	
2785	399.579	McKinley Avenue	E. 48th	Brass mon.	
2786	400.418	McKinley Avenue	E. 49th	Brass mon.	
2787	401.071	McKinley Avenue	E. 50th	Brass mon.	
2788	401.853	McKinley Avenue	E. 51st	Brass mon.	
2789	402.835	McKinley Avenue	E. 52nd	Brass mon.	
2790	403.683	McKinley Avenue	E. 53rd	Brass mon.	
2791	404.699	McKinley Avenue	E. 54th	Brass mon.	
2792	403.124	McKinley Avenue	E. 55th	Brass mon.	
2793	404.684	McKinley Avenue	E. 56th	Brass mon.	
2794	408.470	McKinley Avenue	E. 57th	Brass mon.	
2795	412.603	McKinley Avenue	E. 58th	Brass mon.	
2796	416.585	McKinley Avenue	E. 59th	Brass mon.	
2797	419.203	McKinley Avenue	E. 60th	Brass mon.	
2798	421.785	McKinley Avenue	E. 61st	Brass mon.	
2799	423.911	McKinley Avenue	E. 62nd	Brass mon.	
2800	424.808	McKinley Avenue	E. 63rd	Brass mon.	
2801	426.008	McKinley Avenue	E. 64th	Brass mon.	
2802	424.748	McKinley Avenue	E. 65th	Brass mon.	
2803	423.015	McKinley Avenue	E. 66th W.	Brass mon.	
2804	422.055	McKinley Avenue	E. 67th	Brass mon.	
2805	422.380	McKinley Avenue	E. 68th W.	Brass mon.	
2806	420.203	McKinley Avenue	E. 69th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2807	416.117	McKinley Avenue	E. 70th	Brass mon.	
2808	413.364	McKinley Avenue	E. 71st	Brass mon.	
2809	412.642	McKinley Avenue	E. 72nd	R/R spk in p.pole NE cor.	
2810	413.530	McKinley Avenue	E. 72nd	X on E. side of conc. base for R/R sign NW cor.	
2811	412.805	McKinley Avenue	E. 74th	R/R spk in 2nd pole S. of R/R tracks, E. side road	
2812	411.741	McKinley Avenue	E. 75th	R/R spk in p.pole E. side	
2813	411.737	McKinley Avenue	E. 76th	R/R spk in pole on NPI of Jack Frost Co.	
2814	413.818	McKinley Avenue	E. 78th	R/R spk in L.pole #7808	
2815	414.048	McKinley Avenue	E. 79th	R/R spk in L.pole #7930	
2816	411.436	McKinley Avenue	E. 82nd	R/R spk in L.pole #8122 on NW cor. E. 82nd	
2817	412.139	McKinley Avenue	E. 84th	X on W. end bot. conc. step house #633 E. 84th	
2818	406.609	McKinley Avenue	E. 85th	Spk in guy pole #85 SE cor.	
2819	401.070	McKinley Avenue	E. 86th	X in S. end bot conc. step house #8607 McKinley	
2820	397.280	McKinley Avenue	E. 88th	Spk in pole SW cor McKinley	
2821	395.365	McKinley Avenue	E. 90th	X on S. end conc. bot. step house #9006 McKinley	
2822	387.027	McKinley Avenue	E. 91st	X on N. end conc. bot. step house #9101 McKinley	
2823	387.646	McKinley Avenue	E. 93rd	X east end 1' high conc. retain wall house #9134 McKinley	
2824	385.007	McKinley Avenue	E. 96th	Spk in pole on NW cor. of intersection	
2825	183.287	McKinley Avenue	E. D St.	X on bolt E. side M & L light std. SW cor.	
2826	243.925	McKinley Avenue	E. G St.	Brass mon. in casting	
2827	295.129	McKinley Avenue	Harrison	Brass mon.	
2828	298.660	McKinley Avenue	Morton	Brass mon.	
2829	11.895	McKinley Avenue	Puyallup	SBM	
2830	417.628	McKinley Avenue	West St.	Brass mon.	
2831	281.235	McKinley Avenue	Wright Ave.	Brass mon. in casting	
2832	267.643	McMurray Road	Br. Pt. Blvd.	Spk in p.pole NW cor.	
2833	17.454	McMurray Road	Marine View Drive	R/R spk in power pole #184004 on M.V.D.	
2834	140.963	McMurray Road	P.I. Mon	Brass mon marked P.I. Pipe Sta. 6+51.52, 75' SE of Bonneville line	
2835	105.333	McMurray Road	Tacoma Pump Sta	R/R Spk in power pole with trans. Opp. Pump	
2836	347.472	Melrose Street	Cedar St.	Brass mon.	
2837	359.579	Melrose Street	Union Ave.	Brass mon.	
2838	337.038	Meyers Street	6th Ave.	Brass mon. in casting	
2839	358.261	Meyers Street	S. 12th	Brass mon.	
2840	361.106	Meyers Street	S. 19th	Brass mon.	
2841	375.231	Mildred Street	6th Ave.	Surface brass mon.	
2842	229.175	Mildred Street	Camp 6	Brass mon. (behind Camp 6)	12/19/1994
2843	230.527	Mildred Street	Camp 6	Spk in tel.pole #8	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2844	399.642	Mildred Street	N. 23rd	Brass mon. in casting	
2845	398.361	Mildred Street	N. 24th	Brass mon. in casting	
2846	220.957	Mildred Street	N. 51st	X in westerly bolt St. light #51/1. NE cor intx	12/19/1994
2847	173.006	Mildred Street	Park Place Ent.	Surface brass mon. Ent. To Park Place @ Pt. Defiance	12/19/1994
2848	292.534	Mildred Street	Parkside Lane	Surface brass mon.	12/19/1994
2849	290.958	Mildred Street	Parkview Lane	Surface brass mon.	12/19/1994
2850	372.679	Mildred Street	S. 10th	X on NW cor. of conc. base of orn. L.pole #10 SE cor. Of S. 10th & Mildred	
2851	359.526	Mildred Street	S. 12th	Surface brass mon.	
2852	334.439	Mildred Street	S. 14th	X on NW cor. conc. base orn. L.pole #14/1	
2853	322.959	Mildred Street	S. 16th	X on NW cor. conc. base orn. L.pole #16/1	
2854	320.178	Mildred Street	S. 18th	X on NW cor. conc. base orn. L.pole #18/1	
2855	329.989	Mildred Street	S. 19th	Surface brass mon.	
2856	382.878	Mildred Street	S. 8th	X on NW cor. of conc. base of orn. L.pole #8 SE cor. Of S. 8th & Mildred	
2857	396.004	Mildred Street	Westgate	Brass mon.	
2858	Stamped elev - 14.127. Published elev (1982) - 14.091.	Milwaukee R/R just S. of US Hwy 99 over Puyallup River		U.S.C. & G.S. BM #H-11 std. Disk set vertically 3.5' N. of S. end and 4' above RR tracks in face of most westerly conc. Abutment 155' S. of RR tower reservation	
2859	12.494	Milwaukee Way	Blue Bell Bldg.	Spk in pole in front of N. end of Blue Bell Bldg. 4327' S. of Lincoln Ave	
2860	11.282	Milwaukee Way	Blue Bell Bldg.	Spk in pole in front of S. end of Blue Bell Bldg. S. of Lincoln Ave	
2861	10.681	Milwaukee Way	Bridge on Hwy 99	Bolt in 2nd bent highway bridge by underpass road	
2862	11.810	Milwaukee Way	E. 11th	Brass mon. in pavement under viaduct	
2863	12.117	Milwaukee Way	E. 11th	Brass mon. in pav't Milw. Way approx. 1446' S. of 11th	
2864	9.270	Milwaukee Way	East West Rd.	Brass mon.	
2865	10.995	Milwaukee Way	East West Rd.	Spk in pole approx. 300' N. of E-W Rd. & Milw. Way	
2866	9.600	Milwaukee Way	East West Rd.	Spk in pole NW cor.	
2867	9.452	Milwaukee Way	East West Rd.	Spk in pole approx. 300' S. of E-W Rd.	
2868	10.860	Milwaukee Way	Gordon Fast Freight	Spk in p.pole in front of Gordon Fast Freight Bldg 4860' S. of Lincoln Ave	
2869	11.638	Milwaukee Way	Highway 99	Brass P.I. mon. approx. 500' N. of bridge	
2870	11.274	Milwaukee Way	Lincoln Ave.	Brass mon.	
2871	11.328	Milwaukee Way	Lincoln Ave.	Spk in pole 108' S. of Lincoln on E. side of road	
2872	9.893	Milwaukee Way	Marshall Ave.	Spk in pole approx. 100' S. of Marshall	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2873	10.010	Milwaukee Way	Marshall Ave.	S on SE cor. conc. slab pump st. on SW cor.	
2874	12.633	Milwaukee Way	Miraldi Welding	Spk in pole 504' S. of Lincoln across from Miraldi Welding	
2875	9.293	Milwaukee Way	Robblee Bldg.	Spk in pole E side of road 1620' S. of Lincoln across street from Robblee Bldg	
2876	10.672	Milwaukee Way	Robblee Bldg.	Spk in pole E side of road Bldg. 1950' S. of Lincoln approx 300' S. of Robblee Bldg	
2877	11.769	Milwaukee Way	S. 23rd	Brass mon.	
2878	10.574	Milwaukee Way	Seattle Stevedore Co	Spk in pole 1006' S. of Lincoln across from Seattle Stevedore Co.	
2879	12.247	Milwaukee Way	Tacoma Belt Line Track	Spk in pole E. side of road 2415' S. of Lincoln approx 100' N. of Tacoma Belt Line R/R crossing	
2880	11.110	Milwaukee Way	Wested Tire Bldg	Spk in pole approx. 100' N. of Wested Tire Bldg.	
2881	366.524	Monroe Street	6th Ave.	Copper in mon.	
2882	313.712	Monroe Street	Center St.	Brass mon. in casting	
2883	356.654	Monroe Street	N. 11th	X on bot. conc. step NE cor. house #4020 N. 11th	
2884	347.705	Monroe Street	N. 15th	Brass in casting	
2885	349.993	Monroe Street	N. 21st	Brass mon.	
2886	342.435	Monroe Street	N. 26th	Brass mon.	
2887	301.366	Monroe Street	N. 34th	Brass mon.	
2888	299.701	Monroe Street	N. 38th	Copper in mon. S.	
2889	299.325	Monroe Street	N. 38th	Copper in mon. N.	
2890	399.987	Monroe Street	S. 12th	Brass mon. E.	
2891	309.231	Monroe Street	S. 19th	Brass mon.	
2892	310.599	Monroe Street	S. 36th	Brass mon.	
2893	239.450	Monroe Street	S. 56th	Brass mon.	
2894	255.170	Monroe Street	S. 66th	Brass mon.	
2895	239.507	Monroe Street	S. 74th	R/R spk in pole SE cor.	
2896	261.810	Montgomery Street	S. 56th	Brass mon. to S.	
2897	248.920	Montgomery Street	S. 62nd	Brass in casting	
2898	246.057	Montgomery Street	S. 66th	R/R spk in p.pole SE cor.	
2899	259.183	Montgomery Street	S. 70th	X in SE cor. Top landing for first set of steps #6845 Montgomery	1/5/2000
2900	258.615	Montgomery Street	S. 74th	Brass mon.	
2901	288.426	Morton Street	E. L St.	R/R spk in p.pole SE cor.	
2902	100.109	Morton Street	E. T St.	Surface brass mon.	
2903	298.660	Morton Street	McKinley Ave.	Brass mon.	
2904	103.100	Morton Street	Portland Ave.	Brass mon.	
2905	185.608	Morton Street	Roosevelt Ave.	R/R spk in p.pole NE cor.	
2906	183.926	Mountain View Ave	6th Ave.	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2907	192.427	Mountain View Ave	Mt. View Ave.	Nail in p.pole 100' S. of 6th Ave.	
2908	216.409	Mountain View Ave	Mt. View Ave.	R/R spk in pole #12 in front of house #1222	
2909	213.768	Mountain View Ave	S. 12th	R/R spk in p.pole SW cor.	
2910	218.307	Mountain View Ave	S. 13th	R/R spk in p.pole #1318	
2911	220.383	Mountain View Ave	S. 14th	R/R spk in p.pole #1416	
2912	222.935	Mountain View Ave	S. 15th	R/R spk in p.pole #1524	
2913	233.185	Mountain View Ave	S. 19TH	Brass mon.	
2914	224.385	Mountain View Ave	Sunray Dr.	Brass mon.	
2915	221.904	Mountain View Ave	Suspension Dr.	Brass mon.	
2916	291.382	Mullen St. & Entr. To RDA		R/R spk in p.pole #088030/3115	
2917	279.254	Mullen St. & S. 30th		Brass in casting	
2918	250.839	Mullen Street	S. 74th	R/R spk in p.pole #218 48/6	
2919	357.245	Mullen Street	6th Ave.	Copper in mon.	
2920	256.279	Mullen Street	American Lk Blvd	Brass mon.	
2921	288.282	Mullen Street	Center St.	Surface brass mon.	
2922	255.822	Mullen Street	Grove Pl.	Brass mon.	
2923	289.056	Mullen Street	House #5677	Brass mon.	
2924	264.041	Mullen Street	House #6022	Brass mon.	
2925	373.057	Mullen Street	N. 11th	Brass in casting	
2926	373.852	Mullen Street	N. 15th	Brass in casting	
2927	360.833	Mullen Street	N. 21st	Brass mon.	
2928	333.777	Mullen Street	N. 37th	X in SW cor. bot. conc. step house #3702 Mullen S. side of house 2' from city walk	
2929	239.540	Mullen Street	N. 46th	Brass mon.	
2930	256.661	Mullen Street	Reade St.	Brass mon.	
2931	324.589	Mullen Street	S. 12th	Brass mon.	
2932	362.054	Mullen Street	S. 16th	Brass in casting (E. mon.)	
2933	354.670	Mullen Street	S. 17th	R/R spk in p.pole #063019 in front of house #1632	
2934	341.529	Mullen Street	S. 18th	Brass in casting	
2935	343.698	Mullen Street	S. 19th	Brass mon.	
2936	295.498	Mullen Street	S. 56th	Surface brass mon.	
2937	266.550	Mullen Street	S. 58th	Brass mon.	
2938	265.850	Mullen Street	S. 62nd	Surface brass mon.	
2939	256.269	Mullen Street	S. 64th	Brass mon.	
2940	254.482	Mullen Street	S. 66th	Brass mon.	
2941	253.674	Mullen Street	S. 72nd	X on walk to house #4802 at back of City walk	
2942	251.010	Mullen Street	S. 72nd	Brass mon. in City sidewalk by house #4823	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2943	250.406	Mullen Street	S. 73rd	X on bot. conc. step house #7216	
2944	247.465	Mullen Street	S. 73rd	Brass mon. in City sidewalk at house #7240	
2945	248.727	Mullen Street	S. 73rd	Brass mon. in City sidewalk at house #7359	
2946	13.575	N Street (East)	E. 25th	R/R spk in p.pole 20' E. of house #1413	
2947	223.115	N Street (East)	E. 38th	R/R spk in p.pole #14/5 E. of house #1421	
2948	324.989	N Street (East)	E. 56th	Brass mon.	
2949	408.270	N Street (East)	E. 72nd	Brass mon. in casting	
2950	10.960	N Street (East)	Puyallup Street	SBM	
2951	Published elev (1982) - 32.031	N. 30th & McCarver		U.S.C. & G.S. BM #Y-10 std. Set 2/8' above floor elev & 2' S. of NW cor lot of intersection	
2952	287.100	N. End of Runway N61+10/E0+00		Brass mon. in dirt	
2953	287.451	N. End of Runway by hangar at E750 Line		High point of conc. foundation NW cor. of hangar	
2954	319.742	N. Entr. to RDA		X on conc. base for W. gate post at dump entrance	
2955	297.315	Narrows Drive	#1719 Narrows Dr	X in S. end bot. conc. step #1719 Narrows Dr.	
2956	325.804	Narrows Drive	#2422 Narrows Dr	X in N. end of bot. conc. step house #2422	
2957	333.760	Narrows Drive	#2446 Narrows Dr	R/R spk in p.pole N. side house #2446 Narrows Dr.	
2958	278.564	Narrows Drive	Bridgeview	Spk in guy pole Bridgeview & Narrows Dr.	
2959	275.298	Narrows Drive	Bridgeview	Brass mon. in front of #2301 100' N. of Bridgeview	
2960	311.792	Narrows Drive	Harmon	Surface brass mon.	12/3/1999
2961	278.008	Narrows Drive	N. 23rd	Brass mon. 70' N. of N. 23rd	
2962	303.302	Narrows Drive	N. 24th	Brass mon.	
2963	350.110	Narrows Drive	N. 25th	R/R spk in pole #2517 S. side road	
2964	350.360	Narrows Drive	N. 25th	Brass mon. 40' NE of p.pole #2517	
2965	349.542	Narrows Drive	N. 26th	Brass mon.	
2966	345.525	Narrows Drive	N. 26th	X in SE rivet on SE cor. of trans tower, N. side of Narrows Dr	
2967	353.745	Narrows Drive	N. 26th	X in N. rivet on NE leg of trans tower S. side road	
2968	349.556	Narrows Drive	N. 26th	Brass mon. (#1 P.C. Sta. 9+37)	
2969	344.779	Narrows Drive	N. 37th	Brass mon. (#10 P.T. Sta. 47+52 located near S. gutter line of N. 37th)	
2970	312.768	Narrows Drive	N.17th	Surface brass mon. (south)	12/3/1999
2971	312.223	Narrows Drive	N.17th	Surface brass mon. (East)	12/3/1999
2972	289.260	Narrows Drive	Narrows Dr.	Spk in p.pole #17575 E. side Narrows Dr. opp. House #1754	
2973	338.467	Narrows Drive	Narrows Dr.	Brass mon. (#2 P.T. Sta. 11+98)	
2974	329.887	Narrows Drive	Narrows Dr.	Brass mon. (#3 Sta. 15+66)	
2975	343.272	Narrows Drive	Narrows Dr.	Brass mon. (#4 Sta. 20+00)	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
2976	352.121	Narrows Drive	Narrows Dr.	Brass mon. (#5 Sta. 22+43)	
2977	364.932	Narrows Drive	Narrows Dr.	Brass mon. (#6 Sta. 26+30)	
2978	376.498	Narrows Drive	Narrows Dr.	Brass mon. (#7 Sta. 29+98)	
2979	379.523	Narrows Drive	Narrows Dr.	Brass mon. (#8 Sta. 33+65)	
2980	360.112	Narrows Drive	Narrows Dr.	Brass mon. (P.C. Sta. 39+92)	
2981	339.630	Narrows Drive	Narrows Place	Brass mon.	
2982	357.973	Narrows Drive	P.Pole #2547 Narrows Dr	Brass mon. 16' NE of p.pole #2547	
2983	356.927	Narrows Drive	P.Pole #2556 Narrows Dr	R/R spk in guy pole #2556 on N. side	
2984	429.656	Nassau Avenue	"X"	Cross on bolt light pole base 50' +/- S. of Meeker Middle School ent	
2985	442.697	Nassau Avenue	"X"	Cross on bolt light pole base opposite house #4407	
2986	453.750	Nassau Avenue	"X"	Cross on NE bolt light pole base opposite house #4509	
2987	450.296	Nassau Avenue	"X"	Cross on NE bolt light pole base opposite house #4525	
2988	455.004	Nassau Avenue	"X"	Cross on NE. bolt light pole base	
2989	453.607	Nassau Avenue	"X"	Cross on NE. bolt light pole base Community Center entr.	
2990	406.427	Nassau Avenue	42nd St. Ct. NE	Surface brass mon.	
2991	376.056	Nassau Avenue	41st St. N.E.	Surface brass mon.	
2992	394.402	Nassau Avenue	Country Club Dr	Surface brass mon.	
2993	328.318	Nassau Avenue	Inverness Dr.	Surface brass mon.	
2994	332.780	Nassau Avenue	Larchmont Ave.	Surface brass mon.	
2995	330.080	Nassau Avenue	N. Shore Blvd	Surface brass mon.	
2996	456.827	Nassau Avenue	Nassau Pl.	Surface brass mon.	
2997	433.930	Nassau Avenue	NE. 44th St	Surface brass mon.	
2998	456.624	Nassau Avenue	NE. 45th St.	Surface brass mon.	
2999	456.422	Nassau Avenue	Northshore Pkwy	Surface brass mon.	
3000	345.285	Nassau Avenue	Oakmont	Surface brass mon.	
3001	355.148	Nassau Avenue	Oakmont Pl	Surface brass mon.	
3002	316.670	Nassau Avenue	SBM	P.C. Mon. opposite s. edge house #3414	
3003	340.828	Nassau Avenue	SBM	Surface brass mon. opposite house #3618	
3004	385.200	Nassau Avenue	SBM	N.LY Surface brass mon. N. Edge house #4107	
3005	450.398	Nassau Avenue	SBM	P.C. Mon. 50' +/- north of house #4407	
3006	453.518	Nassau Avenue	SBM	Surface brass mon. int. to east	
3007	452.764	Nassau Avenue	SBM	Surface brass mon. 300' +/- S. of Northshore Parkway	
3008	417.724	Norpoint Way (Harbor Ridge)	57th St. NE.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3009	318.323	Norpoint Way (Harbor Ridge)	Agnes Rd.	Surface brass mon.	
3010	339.573	Norpoint Way (Harbor Ridge)	Dumas Circle (Lower)	Surface brass mon.	
3011	376.323	Norpoint Way (Harbor Ridge)	Dumas Circle (Upper)	Surface brass mon.	
3012	417.750	Norpoint Way (Harbor Ridge)	Nahane (E.)	Surface brass mon. (417.74 from Pvt)	
3013	405.964	Norpoint Way (Harbor Ridge)	Nahane (W.)	Surface brass mon.	
3014	319.457	Norpoint Way (Harbor Ridge)	NE 21st	Surface brass mon.	
3015	415.079	Norpoint Way (Harbor Ridge)	P.T. Mon 135' W. Nahane E	Surface brass mon.	
3016	328.808	Norpoint Way (Harbor Ridge)	SBM	P.R.C. Mon.(maybe) opposite house #5610	
3017	407.938	Norpoint Way (Harbor Ridge)	SBM	Surface brass mon. @ P.C.	
3018	406.104	Norpoint Way (Harbor Ridge)	SBM	Surface brass mon. @ P.T.	
3019	477.508	Norpoint Way (Harbor Ridge)	SBM	Surface brass mon. @ P.C.	
3020	469.739	Norpoint Way (Harbor Ridge)	SBM	Surface brass mon. @ P.C.C.(maybe)	
3021	310.590	Norpoint Way (Harbor Ridge)	SBM	Surface brass mon. 300' +/- east of 21st St. NE	
3022	360.766	Norpoint Way (Harbor Ridge)	Side St.	Surface brass mon.	
3023	20.887	Norpoint Way (MVD to NE 49th Ave)	354' E. from Lincoln Ave	R/R Spk in orn. L.pole S. side Highline Road	
3024	444.698	Norpoint Way (MVD to NE 49th Ave)	Centennial Wy	Surface brass mon.	
3025	11.685	Norpoint Way (MVD to NE 49th Ave)	Marine View Drive	Brass mon. in traff. Island	
3026	398.070	Norpoint Way (MVD to NE 49th Ave)	NE 29th St.	E. mon. of two mons.	
3027	452.858	Norpoint Way (MVD to NE 49th Ave)	NE 49th Ave.	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3028	453.860	Norpoint Way (MVD to NE 49th Ave)	NE 49th Ave.	R/R spk in p.pole SE Cor.	
3029	439.737	Norpoint Way (MVD to NE 49th Ave)	NE 49th Ave.	R/R spk in pole #I955027 approx 600' W. of 49th NE	
3030	453.317	Norpoint Way (MVD to NE 49th Ave)	NE 52nd Ave.	Surface brass mon.	
3031	452.494	Norpoint Way (MVD to NE 49th Ave)	NE 53rd Ave.	X on SE cor. of conc. vault yard of house #3302	
3032	432.463	Norpoint Way (MVD to NE 49th Ave)	NE 54th Ave.	X on back walk at conc. doorway for house #5365 on E. edge of drive	
3033	420.968	Norpoint Way (MVD to NE 49th Ave)	NE 55th Ave.	X on conc. City Light vault SW cor. of vault in yard of house on NE cor	
3034	419.783	Norpoint Way (MVD to NE 49th Ave)	NE 56th Ave.	X on SW cor. of bot. conc. step of house #3513	
3035	419.769	Norpoint Way (MVD to NE 49th Ave)	NE 57th Ave.	X on SW cor. of City Light vault, yard of house #5607	
3036	50.007	Norpoint Way (MVD to NE 49th Ave)	Orn. L.pole #4	R/R Spk	
3037	227.237	Norpoint Way (MVD to NE 49th Ave)	P.Pole #20 N. entrance to Woodworth Pit	Spk in pole Opp. Center Gate to Woodworth Pit "X" on conc base of gate post	
3038	250.988	Norpoint Way (MVD to NE 49th Ave)	P.Pole #24/183008	R/R spk in pole	
3039	285.660	Norpoint Way (MVD to NE 49th Ave)	P.Pole #27/183005	R/R spk in pole	
3040	310.374	Norpoint Way (MVD to NE 49th Ave)	P.Pole #29/183003	R/R spk in pole	
3041	354.862	Norpoint Way (MVD to NE 49th Ave)	P.Pole #33	R/R spk in pole	
3042	379.821	Norpoint Way (MVD to NE 49th Ave)	P.Pole #35 350'	R/R spk in pole S. of 29th NE & Highline Rd.	
3043	178.308	Norpoint Way (MVD to NE 49th Ave)	S. Entr. To Woodworth Pit	"X" on foundation of swing point of gate post	
3044	#REF!	North Parking Lot		SW COR 'X' IN CONC. BASE MAIL BOXES	
3045	459.740	North Shore Pkwy	"X"	Cross in NW. Bolt of light pole base S. ly side Northshore Pkwy & East of Nassau Ave	
3046	290.318	North Shore Pkwy	"X"	Cross in NW. Bolt of light pole base east of entr. To 'On the Green Apts' bldgs	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3047	283.701	North Shore Pkwy	"X"	Cross in NE. Bolt of light pole base N. ly end of 'On the Green Apts' bldg #6	
3048	281.660	North Shore Pkwy	"X"	Cross in NW. Bolt of light pole base 75' +/- east of PT mon	
3049	284.974	North Shore Pkwy	"X"	Cross in NE. Bolt of light pole base	
3050	293.252	North Shore Pkwy	"X"	Cross in NW. Bolt of light pole base opposite of 'On the Green Apts' bldg 23	
3051	305.765	North Shore Pkwy	"X"	Cross in NW. Bolt of light pole base opposite Day Care Center	
3052	342.458	North Shore Pkwy	"X"	Cross in SE. cor. power vault on S. Side Northshore Pkwy. 300' +/- east of 45th Ave NE	
3053	375.192	North Shore Pkwy	"X"	Cross in NE. cor. power vault	
3054	450.510	North Shore Pkwy	1/16 Cor. 48+42.04	Surface brass mon.	
3055	338.166	North Shore Pkwy	Browns Point Bl	No. surface brass mon.	
3056	338.097	North Shore Pkwy	Browns Pt. Blvd	So.ly brass mon.	
3057	338.150	North Shore Pkwy	Browns Pt. Blvd	No.ly brass mon.	
3058	312.482	North Shore Pkwy	Fairwood Blvd.	Cross in NE. Bolt of light pole base SE. Cor. Int.	
3059	313.973	North Shore Pkwy	Fairwood Blvd. 78+45.16	Surface brass mon.	
3060	394.622	North Shore Pkwy	Hoyt Rd.	R.R. spike @ C.L. int.	
3061	394.591	North Shore Pkwy	Hoyt Road	R/R Spike Mon. on Centerline	
3062	393.652	North Shore Pkwy	N.E. 21st Ave.	Surface brass mon.	
3063	414.989	North Shore Pkwy	N.E. 22nd Ave.	Surface brass mon.	
3064	318.039	North Shore Pkwy	N.E. 45th Ave. 93+53.95	Surface brass mon.	
3065	478.487	North Shore Pkwy	N.E. High Pt. Dr	Surface brass mon.	
3066	456.439	North Shore Pkwy	N.E. Nassau	Surface brass mon.	
3067	456.422	North Shore Pkwy	Nassau Ave.	Surface brass mon.	
3068	393.636	North Shore Pkwy	NE 21st	Surface brass mon.	
3069	415.006	North Shore Pkwy	NE 22nd	Surface brass mon.	
3070	320.620	North Shore Pkwy	NE. 45th St	Cross in NW. Bolt of light pole base in NE cor int	
3071	478.520	North Shore Pkwy	Norpoint Way	Surface brass mon.	
3072	490.941	North Shore Pkwy	Orca	Surface brass mon.	
3073	490.967	North Shore Pkwy	Orca Dr.	Surface brass mon.	
3074	431.364	North Shore Pkwy	P.C. MON.	Surface brass mon. at P.C. to East of NE.22nd	
3075	431.343	North Shore Pkwy	P.C. Mon. 13+83.30	Surface brass mon.	
3076	445.463	North Shore Pkwy	P.C. Mon. 23+61.26	Surface brass mon.	
3077	374.420	North Shore Pkwy	P.C. mon. 5+62.48	Surface brass mon.	
3078	459.520	North Shore Pkwy	P.C. Mon. 54+46.78	Surface brass mon.	
3079	440.959	North Shore Pkwy	P.C. MOn. 60+00.44	Surface brass mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3080	385.664	North Shore Pkwy	P.C. Mon. 66+01.53	Surface brass mon.	
3081	334.759	North Shore Pkwy	P.C. Mon. 73.11.89	Surface brass mon.	
3082	304.739	North Shore Pkwy	P.C. Mon. 80+07.94	Surface brass mon.	
3083	405.930	North Shore Pkwy	P.C. Mon. 9+81.41	Surface brass mon.	
3084	348.936	North Shore Pkwy	P.C. Mon. 98+56.85	Surface brass mon.	
3085	441.186	North Shore Pkwy	P.T. MON.	Surface brass mon. at P.T. to West of Ridge Dr.	
3086	385.338	North Shore Pkwy	P.T. Mon. 103+81.54	Surface brass mon.	
3087	475.022	North Shore Pkwy	P.T. Mon. 29+86.04	Surface brass mon.	
3088	405.982	North Shore Pkwy	P.T. Mon. 63+88.38	Surface brass mon.	
3089	351.986	North Shore Pkwy	P.T. Mon. 69+70.69	Surface brass mon.	
3090	325.647	North Shore Pkwy	P.T. Mon. 76+19.50	Surface brass mon.	
3091	281.824	North Shore Pkwy	P.T. Mon. 85+72.67	Surface brass mon.	
3092	444.171	North Shore Pkwy	Ridge dr.	Surface brass mon.	
3093	374.419	North Shore Pkwy	SBM	Surface brass mon. 562 ft. east of B.P.B	
3094	405.941	North Shore Pkwy	SBM	Surface brass mon. 981 ft. east of B.P.B	
3095	445.480	North Shore Pkwy	SBM	Surface brass mon. at P.C. to East of Ridge Dr.	
3096	475.047	North Shore Pkwy	SBM	Surface brass mon. at P.T.	
3097	489.414	North Shore Pkwy	SBM	Surface brass mon. 250' +/- East of Orca Dr.	
3098	484.904	North Shore Pkwy	SBM	Surface brass mon. 162' +/- West of Norpoint Wa	
3099	450.510	North Shore Pkwy	SBM	Surface brass mon. at 1/16th cor.	
3100	450.142	North Shore Pkwy	SBM	Surface brass mon. at P.T. @ N. edge asph.	
3101	440.983	North Shore Pkwy	SBM	Surface brass mon. at P.C. @ N. edge asph.	
3102	405.993	North Shore Pkwy	SBM	Surface brass mon. at P.T. @ N. edge asph.	
3103	385.671	North Shore Pkwy	SBM	Surface brass mon. at P.C. @ N. edge asph.	
3104	351.989	North Shore Pkwy	SBM	Surface brass mon. at P.T. @ N. edge asph.	
3105	334.754	North Shore Pkwy	SBM	Surface brass mon. at P.C. @ N. edge asph.	
3106	348.967	North Shore Pkwy	SBM	Surface brass mon. at P.C. in North driving lane	
3107	385.390	North Shore Pkwy	SBM	Surface brass mon. at P.T.	
3108	444.147	North Shore Pkwy	Silver Bow Road	Surface brass mon.	
3109	362.985	Oakes Street	6th Ave	Copper in mon.	
3110	339.617	Oakes Street	N. 11th	Copper in mon.	
3111	318.947	Oakes Street	N. 15th	Surface brass mon.	
3112	287.877	Oakes Street	N. 21st	Copper in mon.	
3113	150.605	Oakes Street	N. 30th	Brass mon.	
3114	377.865	Oakes Street	S. 12th	Surface brass mon. N.	
3115	377.115	Oakes Street	S. 12th	Surface brass mon. S.	
3116	378.405	Oakes Street	S. 15th	Brass mon.	
3117	365.106	Oakes Street	S. 19th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3118	301.268	Oakes Street	S. 48th	Surface brass mon. 2' E. of gutter line	1/13/2000
3119	303.593	Oakes Street	S. 49th	Brass mon.	
3120	304.629	Oakes Street	S. 50th	Brass mon.	
3121	305.794	Oakes Street	S. 51st	Brass mon.	
3122	304.324	Oakes Street	S. 52nd	Brass mon.	
3123	301.586	Oakes Street	S. 53rd	Brass mon.	
3124	298.705	Oakes Street	S. 54th	Copper in mon.	
3125	296.835	Oakes Street	S. 56th	Brass mon.	
3126	297.187	Oakes Street	S. 56th	X in SW bolt of L.pole NW cor.	
3127	274.083	Oakes Street	S. 58th	Brass mon.	
3128	273.909	Oakes Street	S. 60th	Brass mon.	
3129	264.914	Oakes Street	S. 62nd	Brass in casting	
3130	265.757	Oakes Street	S. 64th	Brass mon. E.	
3131	269.543	Oakes Street	S. 66th	Brass mon.	
3132	269.563	Oakes Street	S. 66th	R/R spk in p.pole SE cor.	
3133	271.257	Oakes Street	S. 66th	X in N. end of bot. conc. step house #6602 S. Oakes	
3134	271.578	Oakes Street	S. 68th	Brass mon.	
3135	271.012	Oakes Street	S. 70th	Brass mon.	
3136	269.205	Oakes Street	S. 72nd	Brass mon.	
3137	253.151	Oakes Street	S. 74th	Brass mon.	
3138	159.479	Olympic Blvd	Narrows Bridge	X in back of walk NE cor. at end of conc. Guardrail NE corn of bridge abutment	
3139	146.698	Olympic Blvd	Narrows Bridge	X in top of conc. curb S. side of road exit opp. N side of N. Narrows Bridge office bldg	
3140	270.179	Orchard Street	\par 37th St. W. 500' N. of	Surface brass mon.	
3141	320.921	Orchard Street	250' S. of S. 35th	R/R spk in p.pole	
3142	257.663	Orchard Street	40th St. W.	R/R spk in p.pole E. side of road	
3143	262.018	Orchard Street	40th St. W.	Surface brass mon.	
3144	335.660	Orchard Street	6th Ave.	Surface brass mon. (E.P.L.)	
3145	277.829	Orchard Street	75' S. of house #4210 S. Orchard	R/R spk in p.pole with light W. side	
3146	279.745	Orchard Street	Access Road to dump	R/R spk in p.pole NE cor.	
3147	284.924	Orchard Street	Amherst St.	Surface brass mon.	
3148	283.802	Orchard Street	Amherst St.	Surface brass mon. l35' S. of Intersection	
3149	286.194	Orchard Street	Center St.	N. brass mon.	
3150	297.346	Orchard Street	Columbia	Brass mon.	
3151	292.108	Orchard Street	Columbia	Brass mon. in front of house #2120 S. Orchard	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3152	319.336	Orchard Street	Columbia	Brass mon. 40'S. of house #2154 S. Orchard	
3153	282.568	Orchard Street	Cornell St.	Surface brass mon.	
3154	275.260	Orchard Street	Entr. to Town Conc Pipe Co	R/R spk in p.pole SE cor. of entr. to Town Concrete Pipe	
3155	304.481	Orchard Street	Hannah Pierce	R/R spk in pole at S. end of Hannah Pierce Road	
3156	306.498	Orchard Street	House #2802	X on bot. conc. step	
3157	299.135	Orchard Street	House #2806	Brass mon.	
3158	309.187	Orchard Street	McBride St.	Large PK centerline of road at intersection	
3159	348.555	Orchard Street	N. 10th	R/R spk in pole SW cor.	
3160	352.947	Orchard Street	N. 11th	Westerly brass in casting	
3161	358.445	Orchard Street	N. 12th	R/R spk in p.pole NE cor.	
3162	364.042	Orchard Street	N. 13th	R/R spk in pole NE cor.	
3163	366.466	Orchard Street	N. 14th	Brass mon. W.	
3164	372.638	Orchard Street	N. 15th	Spk in pole NE cor.	
3165	377.960	Orchard Street	N. 16th	R/R spk in pole NE cor.	
3166	386.217	Orchard Street	N. 18th	Brass mon.	
3167	389.618	Orchard Street	N. 19th	Brass mon. E.	
3168	391.269	Orchard Street	N. 21st	Brass mon.	
3169	400.605	Orchard Street	N. 24th	Brass mon.	
3170	401.726	Orchard Street	N. 25th	R/R spk in pole NE cor.	
3171	395.443	Orchard Street	N. 26th	Brass mon.	
3172	389.820	Orchard Street	N. 27th	Brass mon.	
3173	383.277	Orchard Street	N. 28th	R/R spk in pole NE cor.	
3174	375.125	Orchard Street	N. 29th	Brass mon E.	
3175	372.625	Orchard Street	N. 30th	Brass mon.	
3176	368.796	Orchard Street	N. 31st	Brass mon. N.	
3177	361.370	Orchard Street	N. 33rd	Brass mon.	
3178	358.646	Orchard Street	N. 34th	Brass mon. in casting	
3179	353.117	Orchard Street	N. 35th	Spk in p.pole NE cor.	
3180	346.926	Orchard Street	N. 36th	Spk in p.pole 100' N. of intersection on E. side	
3181	334.443	Orchard Street	N. 37th	R/R spk in p.pole NE cor.	
3182	318.454	Orchard Street	N. 38th	R/R spk in tel.pole SW cor.	
3183	299.079	Orchard Street	N. 39th	R/R spk in p.pole NW cor.	
3184	292.244	Orchard Street	N. 40th	R/R spk in p.pole SW cor.	
3185	272.450	Orchard Street	N. 42nd	R/R spk in p.pole SE cor.	
3186	267.284	Orchard Street	N. 43rd	R/R spk in p.pole #94 SW cor	
3187	262.271	Orchard Street	N. 44th	Spk in pole	
3188	256.494	Orchard Street	N. 45th	Brass mon. N.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3189	243.685	Orchard Street	N. 46th	Brass mon.	
3190	338.448	Orchard Street	N. 7th	Brass mon.	
3191	339.577	Orchard Street	N. 8th	Brass mon.	
3192	339.205	Orchard Street	N. 9th	Brass mon.	
3193	302.942	Orchard Street	Orchard Park Apts	R/R spk in p.pole by fire hyd. at N. entr. To Orchard Park Apts	
3194	278.896	Orchard Street	Ramsdell St.	Surface brass mon.	
3195	323.286	Orchard Street	S. 10th	R/R spk in p.pole SW cor.	
3196	329.448	Orchard Street	S. 10th	R/R spk in p.pole #1020 across from house #919 S. Orchard	
3197	331.689	Orchard Street	S. 12th	Brass mon.	
3198	309.708	Orchard Street	S. 19th	Brass mon. in casting	
3199	326.270	Orchard Street	S. 35th (Sec. Line) by First Cov. Church	Surface brass mon.	
3200	276.780	Orchard Street	S. 45th	R/R spk in p.pole E. side of Orchard St. opp. House #4512	
3201	286.861	Orchard Street	S. 47th Approx.	R/R spk in p.pole W. side of Orchard 50' N. of house #4716 & 215' N. of S. 48th	
3202	296.826	Orchard Street	S. 48th	Surface brass mon.	
3203	293.084	Orchard Street	S. 53rd	R/R spk in p.pole NW cor.	
3204	296.436	Orchard Street	S. 54th	R/R spk in p.pole E. side of Orchard at 54th St. W	
3205	306.339	Orchard Street	S. 56th to S.	Surface brass mon.	
3206	303.891	Orchard Street	S. 56th W. (Sec. Line)	Surface brass mon.	
3207	254.561	Orchard Street	S. 66th	Brass mon.	
3208	250.101	Orchard Street	S. 74th	R/R spk in p.pole SW cor.	
3209	249.991	Orchard Street	S. 74th	X in conc. slab in front of door to Tom Carstens Auto Body Shop	
3210	332.228	Orchard Street	S. 7th	Spk in p.pole #64 across from house #617 S. Orchard	
3211	326.513	Orchard Street	S. 8th	R/R spk in p.pole SW cor.	
3212	317.248	Orchard Street	S. 9th	R/R spk in p.pole SW cor.	
3213	318.596	Orchard Street	Stanford	Brass mon.	
3214	311.139	Orchard Street	Stanford	X on SE cor. bot. conc. step house #109 Stanford	
3215	324.961	Orchard Street	Substation	Brass mon. approx. S. end of substation	
3216	304.195	Orchard Street	Summit Ave.	Brass mon.	
3217	299.076	Orchard Street	Vicinity of Sub-Station	R/R spk in p.pole NW cor. of access road to substation	
3218	271.740	Overlook Avenue	Broadview	R/R spk in p.pole E. side	
3219	230.334	Overlook Avenue	Sealawn Ave. (N)	R/R spk in L.pole N. of Overlook & Sealawn & 7' E. of Bell Tel Box #5838	
3220	272.826	Overlook Avenue	Sealawn Ave. (S)	R/R spk in L.pole E. of Overlook in front of house #5515 Sealawn Ave	
3221	56.744	Pacific Avenue	Jefferson	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3222	64.145	Pacific Avenue	Puyallup Ave.	Brass mon.	
3223	99.568	Pacific Avenue	S. 10th	Brass mon.	
3224	89.099	Pacific Avenue	S. 11th	Brass mon.	
3225	79.286	Pacific Avenue	S. 12th	Brass mon.	
3226	72.082	Pacific Avenue	S. 13th	Brass mon.	
3227	65.112	Pacific Avenue	S. 14th	Brass mon.	
3228	64.720	Pacific Avenue	S. 14th	X on bolt of NW cor. of base of steel signal L.pole SE cor.	
3229	65.072	Pacific Avenue	S. 14th	X on bolt of NE cor. of base of steel signal L.pole W side of Pacific	
3230	59.640	Pacific Avenue	S. 15th	Brass mon.	
3231	54.288	Pacific Avenue	S. 17th	Brass mon.	
3232	48.317	Pacific Avenue	S. 19th	Hi lead in mon.	
3233	46.337	Pacific Avenue	S. 21st	Brass mon.	
3234	59.523	Pacific Avenue	S. 23rd	Hi lead in mon.	
3235	287.030	Pacific Avenue	S. 34th	Copper in mon.	
3236	309.730	Pacific Avenue	S. 36th	Copper in mon.	
3237	321.483	Pacific Avenue	S. 37th	Copper in mon.	
3238	331.866	Pacific Avenue	S. 38th	Hi lead in mon.	
3239	333.166	Pacific Avenue	S. 38th	Top of NW bolt of SW cor. on 38th & Pacific	
3240	333.866	Pacific Avenue	S. 43rd	Copper in mon.	
3241	342.953	Pacific Avenue	S. 48th	Hi lead in mon.	
3242	347.940	Pacific Avenue	S. 56th	Top of bolt SW cor. of L.pole on NE cor.	
3243	386.721	Pacific Avenue	S. 64th	Brass mon.	
3244	385.568	Pacific Avenue	S. 64th	R/R spk in p.pole in front of house #115 S. 64th	
3245	397.658	Pacific Avenue	S. 72nd	Copper in mon. W.	
3246	398.474	Pacific Avenue	S. 72nd	X in SW cor. bolt of strain pole NE cor.	
3247	398.960	Pacific Avenue	S. 74th	Copper in mon.	
3248	400.049	Pacific Avenue	S. 76th	Copper in mon.	
3249	109.022	Pacific Avenue	S. 7th	Top of W. bolt of L.pole NE cor.	
3250	387.703	Pacific Avenue	S. 84th	Copper in mon.	
3251	382.559	Pacific Avenue	S. 86th	Hi lead in mon.	
3252	382.165	Pacific Avenue	S. 88th	Copper in mon.	
3253	111.013	Pacific Avenue	S. 8th	Brass mon.	
3254	383.546	Pacific Avenue	S. 90th	X on SW cor. slab attorney's office #8843 Pacific	
3255	381.594	Pacific Avenue	S. 92nd	X on NW cor. conc. ftng. for phone booth (under Pacific Center sign)	
3256	381.333	Pacific Avenue	S. 94th	X on SE cor. (end) of walk to Baptist Church (at back of City walk)	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3257	380.191	Pacific Avenue	S. 96th	Brass mon.	
3258	107.801	Pacific Avenue	S. 9th	Brass mon.	
3259	10.459	Pacific Hwy East	20th St.	Surface Brass Mon. (south mon)	
3260	9.962	Pacific Hwy East	26th Ave.	Chiseled X in NW cor. Of conc. Base of tele junct.box at SE cor.	
3261	359.000	Pacific Hwy East	51st Ave.	Top of bolt SW cor of traffic sig. Strain pole at SE corner of intersection	
3262	78.000	Pacific Hwy East	54th Ave.	Top of bolt NW cor of traffic sig. Strain pole at SW corner of intersection	
3263	977.000	Pacific Hwy East	54th Ave.	Top of bolt NW cor of traffic sig. Strain pole at NW corner of intersection	
3264	14.955	Pacific Hwy East	Econo Lodge	Chiseled X at angle point in top of conc retaining wall at east end	
3265	10.653	Pacific Hwy East	Milwaukee Way	Bolt in 2nd bent highway bridge by underpass road	
3266	11.020	Pacific Hwy East	Port of Tacoma	Rd.\tab Top of bolt at NW cor of light stdn at SE cor of intersection	
3267	10.912	Pacific Hwy East	Portage Inn	Surface Brass Mon. at west entrance	
3268	14.138	Pacific Hwy East	Sec 1	SBM SW corner Sec 1-20-3	
3269	10.185	Pacific Hwy East	Travelers Inn	Chiseled X in NW cor. of conc. tele vault at back of walk east of center entrance	
3270	15.953	Pacific Hwy East	Wapato Creek	Chiseled X in SE end of bridge over creek	
3271	912.000	Pacific Hwy East	Willow Rd.	Top of bolt NW cor of traffic sig. Strain pole at SW corner of intersection	
3272	349.500	Park Avenue	S. 43rd	Copper in mon.	
3273	367.148	Park Avenue	S. 48th	Brass mon. surface	
3274	387.604	Park Avenue	S. 56th	X in SW bolt of L.pole NE cor.	
3275	399.624	Park Avenue	S. 64th	X in conc. base SW cor strain pole NE cor 64th & Park	
3276	377.798	Park Avenue	S. 72nd	Brass mon.	
3277	376.173	Park Avenue	S. 73rd	Brass mon.	
3278	375.245	Park Avenue	S. 74th	Brass mon.	
3279	372.231	Park Avenue	S. 75th	Brass mon.	
3280	369.048	Park Avenue	S. 76th	Brass in casting	
3281	375.910	Park Avenue	S. 78th	Brass mon.	
3282	382.152	Park Avenue	S. 79th	Brass mon.	
3283	380.136	Park Avenue	S. 80th	Brass in casting	
3284	381.339	Park Avenue	S. 82nd	Brass mon.	
3285	380.149	Park Avenue	S. 83rd	Brass mon.	
3286	377.335	Park Avenue	S. 84th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3287	369.994	Park Avenue	S. 86th	Copper in mon.	
3288	366.422	Park Avenue	S. 88th	Brass mon.	
3289	372.353	Park Avenue	S. 92nd	Brass mon.	
3290	368.160	Park Avenue	S. 93rd	Brass mon.	
3291	364.757	Park Avenue	S. 94th	Brass mon.	
3292	357.887	Park Avenue	S. 96th	Brass mon.	
3293	167.953	Park Way	Bristol St.	Copper in mon.	
3294	146.378	Park Way	Defiance St.	Hi lead in mon.	
3295	122.921	Park Way	Visscher St.	Copper in mon.	
3296	387.469	Parkview Drive	Hillside Dr.	Surface brass mon.	
3297	407.193	Parkview Drive	Overview Dr.	Surface brass mon.	
3298	381.258	Patterson Street	S. 96th	Brass mon.	
3299	343.268	Pearl Street	6th Ave.	Brass mon.	
3300	379.544	Pearl Street	Auto View Drive	In X in middle of conc. curb center island of driveway	
3301	389.082	Pearl Street	Highland Pkwy	Brass mon.	
3302	148.149	Pearl Street	House #5201	X on bot. conc. step of house #5201 Pearl St. 6' from back walk line	
3303	355.200	Pearl Street	N. 11th	Surface brass mon.	
3304	387.502	Pearl Street	N. 14th	Brass mon.	
3305	387.396	Pearl Street	N. 18th	Brass mon.	
3306	389.167	Pearl Street	N. 23rd	Brass mon. in line with S end of City Light substa.	
3307	392.303	Pearl Street	N. 26th	Brass mon.	
3308	401.255	Pearl Street	N. 28th	Brass mon.	
3309	400.349	Pearl Street	N. 30th	Spk in pole NE cor.	
3310	391.019	Pearl Street	N. 31st	Brass mon.	
3311	369.524	Pearl Street	N. 33rd	Brass mon.	
3312	319.191	Pearl Street	N. 35th	Brass mon.	
3313	303.513	Pearl Street	N. 37th	Brass mon. N.	
3314	254.711	Pearl Street	N. 42nd	Brass mon.	
3315	248.927	Pearl Street	N. 43rd	Brass mon.	
3316	243.821	Pearl Street	N. 44th	Brass mon.	
3317	239.442	Pearl Street	N. 45th	Brass mon.	
3318	229.194	Pearl Street	N. 46th	Brass mon. N.	
3319	220.631	Pearl Street	N. 47th	Brass mon.	
3320	210.204	Pearl Street	N. 48th	Brass mon.	
3321	201.627	Pearl Street	N. 49th	Brass mon. W.	
3322	198.568	Pearl Street	N. 49th	Brass mon. E.	
3323	175.858	Pearl Street	N. 50th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3324	160.976	Pearl Street	N. 51st	Brass mon.	
3325	122.790	Pearl Street	N. 53rd	Brass mon. (S. edge N. 53rd)	
3326	97.595	Pearl Street	N. 54th	Hi lead in mon.	
3327	347.463	Pearl Street	N. 9th	Brass mon.	
3328	204.400	Pearl Street	Ruby	Brass mon.	
3329	334.022	Pearl Street	S. 10th	Brass mon.	
3330	324.995	Pearl Street	S. 12th	Brass mon.	
3331	317.178	Pearl Street	S. 13th	Brass mon. in front of house #1321 Pearl St.	
3332	311.590	Pearl Street	S. 14th	Brass mon. in front of house #1329 Pearl St.	
3333	307.086	Pearl Street	S. 15th	Brass mon.	
3334	298.646	Pearl Street	S. 16th	Brass mon. in front of house #1525 Pearl St.	
3335	293.605	Pearl Street	S. 17th	Brass mon.	
3336	299.162	Pearl Street	S. 18th	Brass mon.	
3337	297.682	Pearl Street	S. 19th	Brass mon. E. 1/4 cor. mon.	
3338	340.913	Pearl Street	S. 7th	Brass mon. S. driveway to Washington State Offices	
3339	336.790	Pearl Street	S. 9th	Brass mon.	
3340	214.393	Pearl Street	Seaview	Brass mon.	
3341	385.042	Pearl Street	Westgate Blvd	Brass mon.	
3342	325.907	Pierce Street	Pine St.	Brass mon.	
3343	352.356	Pine Street	6th Ave.	Brass mon.	
3344	322.534	Pine Street	Bet. N. 16th & N. 17th	R/R spk in p.pole w/trans. E. side of street	
3345	274.666	Pine Street	Center St.	Brass mon. 188' E. of Pine - Cedar	
3346	343.108	Pine Street	N. 10th to E.	R/R spk in p.pole NE cor.	
3347	340.325	Pine Street	N. 11th	X on bot. conc. step NE cor. house #1018 Pine	
3348	339.649	Pine Street	N. 11th	R/R spk in p.pole #037259 80' S. of intersection	
3349	334.225	Pine Street	N. 12th to W.	R/R spk in p.pole #037257 E. side of street	
3350	331.109	Pine Street	N. 13th	Surface brass mon. to W.	
3351	330.554	Pine Street	N. 14th	Surface brass mon. to W.	
3352	324.892	Pine Street	N. 15th	Surface brass mon. to W.	
3353	304.887	Pine Street	N. 21st	Brass mon.	
3354	194.093	Pine Street	N. 30th	Brass mon.	
3355	349.196	Pine Street	N. 7th	Copper in mon.	
3356	345.061	Pine Street	N. 8th	Copper in mon. to E.	
3357	344.651	Pine Street	N. 9th	Surface brass mon. to S.	
3358	325.907	Pine Street	Pierce St.	Brass mon.	
3359	375.939	Pine Street	S. 12th	Surface brass mon.	
3360	375.289	Pine Street	S. 15th	Brass mon.	
3361	360.078	Pine Street	S. 19th	Brass mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3362	302.012	Pine Street	S. 35th	Brass mon.	
3363	318.256	Pine Street	S. 36th	Surface brass mon.	
3364	319.180	Pine Street	S. 38th	Brass mon.	
3365	326.489	Pine Street	S. 39th	Brass mon.	
3366	327.901	Pine Street	S. 40th	Brass mon.	
3367	328.658	Pine Street	S. 40th	X in S. end bot. conc. step house #4020 Pine St.	
3368	312.127	Pine Street	S. 43rd	Brass mon. E.	
3369	306.145	Pine Street	S. 43rd	X in S. end bot. step house #4330 Pine St.	
3370	300.428	Pine Street	S. 45th	Brass mon.	
3371	301.412	Pine Street	S. 47th	Brass mon. S.	
3372	288.337	Pine Street	S. 56th	Brass mon. N.	
3373	272.499	Pine Street	S. 62nd	R/R spk in p.pole SW cor.	
3374	269.257	Pine Street	S. 66th	R/R spk in L.pole	
3375	254.298	Pine Street	S. 74th	Brass mon.	1/5/2000
3376	281.986	Pine Street	S. 84th	Surface brass mon.	
3377	256.349	Pine Street	S. Tac. Way	Brass mon.	
3378	303.897	Pine Street	S.48th	Brass in case	1/13/2000
3379	344.423	Pipeline Road	E. 56th	R/R spk in p.pole NE cor.	
3380	342.237	Pipeline Road	E. 60th	Brass mon. on E. side of Pipeline Road E. R/W line	
3381	355.776	Pipeline Road	E. 61st	R/R spk in guy pole on E. side Pipeline Road approx. 195' SE of E. 61st St	
3382	361.161	Pipeline Road	E. 62nd	R/R spk in L.pole SE cor. pole #2124	
3383	374.327	Pipeline Road	E. 63rd	R/R spk in guy pole E. side Pipeline Road & E. 63rd	
3384	384.653	Pipeline Road	E. 64th	R/R spk in p.pole NE cor.	
3385	11.152	Port of Tacoma Rd	164' N. of Bldg #1702	Brass mon.	
3386	11.030	Port of Tacoma Rd	Bldg #2202	Brass mon. 15' S. of N. edge of bldg. #2202	
3387	11.798	Port of Tacoma Rd	Bldg #2420	Brass mon. 196' S. of S. edge of Bldg #2420	
3388	10.937	Port of Tacoma Rd	E. 11th	Brass mon.	
3389	11.194	Port of Tacoma Rd	E. 11th	R/R spk in p.pole SE cor.	
3390	11.107	Port of Tacoma Rd	Lincoln Ave.	Brass mon. 450' N. of Lincoln	
3391	10.909	Port of Tacoma Rd	Lincoln Ave.	Brass mon.	
3392	12.050	Port of Tacoma Rd	Marshall Ave.	Brass mon. bet. Port of Tacoma Road & Milwaukee Way on Marshall Ave., 140' W. of SW corner Bldg #2682 Port of Tacoma Rd	
3393	11.832	Port of Tacoma Rd	Maxwell Way	Brass mon.	
3394	11.520	Port of Tacoma Rd	Ross Way	Brass mon.	
3395	11.069	Port of Tacoma Rd	S. of General Hardwood	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3396	12.335	Portland Avenue	Cleveland Way	Brass mon. S.	
3397	159.681	Portland Avenue	Columbia	Surface brass mon.	
3398	14.298	Portland Avenue	E. 11th	Brass mon.	
3399	13.848	Portland Avenue	E. 11th	Surface brass mon. 150' S. of E. 11th	
3400	12.495	Portland Avenue	E. 12th	Brass P.T. mon. 56' SW of light and anchor pole #12/3 on E. side of road	
3401	11.015	Portland Avenue	E. 13th	Brass mon. 46' N. of p.pole #16/3	
3402	10.584	Portland Avenue	E. 14th	Brass P.I. mon. 78' N. of S. end of bldg #1703 and 44' SW of orn. Light #17/3	
3403	10.788	Portland Avenue	E. 15th	Brass P.C.H.C. mon. near St. Regis log scale & 68' S. of orn. Light #18/1	
3404	15.765	Portland Avenue	E. 25th	S. brass mon. for E. 25th to W.	
3405	13.588	Portland Avenue	E. 25th	X on NE cor. conc. base orn. light on SW cor.	
3406	7.535	Portland Avenue	E. 26th	X in W. side of conc. orn. light on NE cor.	
3407	7.556	Portland Avenue	E. 26th	Brass mon.	
3408	15.936	Portland Avenue	E. 27th	Brass mon.	
3409	49.085	Portland Avenue	E. 29th	Surface brass mon.	
3410	59.690	Portland Avenue	E. 30th	Surface brass mon.	
3411	68.439	Portland Avenue	E. 31st	Surface brass mon.	
3412	75.559	Portland Avenue	E. 32nd	Surface brass mon.	
3413	88.672	Portland Avenue	E. 34th	Surface brass mon.	
3414	90.341	Portland Avenue	E. 35th	Surface brass mon.	
3415	122.356	Portland Avenue	E. 36th	Surface brass mon.	
3416	190.961	Portland Avenue	E. 38th	Surface brass mon.	
3417	233.011	Portland Avenue	E. 40th	Surface brass mon.	
3418	234.724	Portland Avenue	E. 40th	X in NW bolt L.pole SE cor. of intersection	
3419	287.364	Portland Avenue	E. 44th	Surface brass mon.	
3420	311.101	Portland Avenue	E. 46th	Surface brass mon.	
3421	311.015	Portland Avenue	E. 47th	Surface brass mon.	
3422	322.477	Portland Avenue	E. 48th	Surface brass mon. opp. house #4819	
3423	314.606	Portland Avenue	E. 48th	Surface brass mon.	
3424	327.235	Portland Avenue	E. 52nd	Surface brass mon.	
3425	325.011	Portland Avenue	E. 53rd	Surface brass mon.	
3426	322.854	Portland Avenue	E. 54th	Surface brass mon.	
3427	324.655	Portland Avenue	E. 55th	Surface brass mon.	
3428	325.285	Portland Avenue	E. 56th	Surface brass mon.	
3429	325.815	Portland Avenue	E. 57th	Surface brass mon.	
3430	326.149	Portland Avenue	E. 58th	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3431	326.829	Portland Avenue	E. 59th	Surface brass mon.	
3432	328.845	Portland Avenue	E. 60th	Surface brass mon. W.	
3433	343.938	Portland Avenue	E. 61st	Surface brass mon. W.	
3434	367.285	Portland Avenue	E. 62nd	Surface brass mon. W.	
3435	384.567	Portland Avenue	E. 63rd	Surface brass mon. W.	
3436	400.468	Portland Avenue	E. 64th	Surface brass mon. W.	
3437	415.570	Portland Avenue	E. 66th	Surface brass mon.	
3438	419.545	Portland Avenue	E. 67th	Surface brass mon. E.	
3439	420.800	Portland Avenue	E. 68th	Surface brass mon.	
3440	418.756	Portland Avenue	E. 70th	X on SE cor. bot conc. step house #6856	
3441	416.071	Portland Avenue	E. 72nd	X on 2-1/2"x2-1/2" vert. metal plate on metal p. pole NW corn.	
3442	81.208	Portland Avenue	E. Wright	Surface brass mon.	
3443	106.355	Portland Avenue	Fairbanks	Surface brass mon.	
3444	15.253	Portland Avenue	Freeway Exit (N)	X on SW cor. of conc. traffic island NE exit	
3445	34.029	Portland Avenue	Freeway Exit (S)	X on SE cor. of conc. traffic island SW exit	
3446	93.545	Portland Avenue	Harrison	Surface brass mon.	
3447	12.727	Portland Avenue	Lincoln Ave.	Top of NE bolt on orn. light std. #20/1 NE cor.	
3448	10.047	Portland Avenue	Lincoln Ave.	Brass mon.	
3449	103.100	Portland Avenue	Morton St.	Surface brass mon.	
3450	31.265	Portland Avenue	Puyallup Ave.	Brass mon.	
3451	9.630	Portland Avenue	St. Paul Ave.	Brass mon. 24' NE of orn. L.pole #20/2	
3452	10.918	Portland Avenue	St. Paul Ave.	R/R spk in p.pole #F-1 & #19/2 on NW cor. of intsct	
3453	417.915	Portland Avenue	Sweet St.	Surface brass mon.	
3454	13.918	Portland Avenue	Treatment Plant	Brass mon. at entrance	
3455	14.184	Portland Avenue	Treatment Plant	Brass mon. at entrance (Treatment Plant Bench datum)	
3456	220.781	Portland Avenue	Upper Arlington	Surface brass mon in E. gutter	
3457	329.229	Portland Avenue	Water Dept Rd.	Surface brass mon.	
3458	279.996	Power & Tel. Pole #5		R/R spk in power & tel. pole #5	
3459	281.691	Power & Tel. Pole #8		R/R spk in power & tel. pole #8	
3460	281.373	Power & Tel. Pole #E4/S10		R/R spk in power & tel. pole #E4/S10	
3461	281.791	Power and tel. Pole #12		R/R spk in power & tel. pole #12	
3462	280.919	Power and tel. Pole #14		R/R spk in power & tel. pole #14	
3463	380.300	Proctor Street	6th Ave.	X in NW cor. of light std. on bolt of SE cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3464	379.993	Proctor Street	6th Ave.	Brass mon.	
3465	306.288	Proctor Street	Center St.	Brass mon.	
3466	363.072	Proctor Street	N. 10th	Brass mon.	
3467	360.238	Proctor Street	N. 11th	Surface brass mon.	
3468	355.212	Proctor Street	N. 12th	Brass mon.	
3469	352.164	Proctor Street	N. 13th	Brass mon.	
3470	351.784	Proctor Street	N. 14th	Brass mon.	
3471	353.231	Proctor Street	N. 15th	Brass mon.	
3472	361.265	Proctor Street	N. 16th	Brass mon.	
3473	367.831	Proctor Street	N. 18th	Brass mon.	
3474	371.053	Proctor Street	N. 19th	Brass mon.	
3475	372.139	Proctor Street	N. 21st	Brass mon.	
3476	370.196	Proctor Street	N. 22nd	Brass mon.	
3477	367.301	Proctor Street	N. 24th	Brass mon.	
3478	362.116	Proctor Street	N. 25th	Brass mon.	
3479	355.994	Proctor Street	N. 26th	Brass mon.	
3480	350.758	Proctor Street	N. 27th	Brass mon.	
3481	346.551	Proctor Street	N. 28th	Brass mon.	
3482	340.170	Proctor Street	N. 29th	Brass mon.	
3483	323.589	Proctor Street	N. 30th	Surface brass mon.	
3484	307.468	Proctor Street	N. 31st	Surface brass mon.	
3485	300.688	Proctor Street	N. 34th	Copper in mon.	
3486	304.701	Proctor Street	N. 35th	Brass mon.	
3487	306.905	Proctor Street	N. 36th	Surface brass mon.	
3488	302.907	Proctor Street	N. 37th	Surface brass mon.	
3489	294.799	Proctor Street	N. 38th	Brass mon. in casting	
3490	380.572	Proctor Street	N. 7th	Brass mon.	
3491	375.529	Proctor Street	N. 8th	Brass mon.	
3492	368.796	Proctor Street	N. 9th	Brass mon.	
3493	378.596	Proctor Street	S. 10th	Brass mon.	
3494	375.312	Proctor Street	S. 11th	Brass mon.	
3495	372.711	Proctor Street	S. 12th	Brass mon. E.	
3496	365.651	Proctor Street	S. 13th	Brass mon.	
3497	357.812	Proctor Street	S. 14th	Brass mon.	
3498	353.448	Proctor Street	S. 15th	Brass mon.	
3499	354.407	Proctor Street	S. 16th	Brass mon.	
3500	355.117	Proctor Street	S. 17th	Brass mon.	
3501	339.376	Proctor Street	S. 19th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3502	238.983	Proctor Street	S. 56th	Brass mon.	
3503	239.898	Proctor Street	S. 66th	Brass mon.	
3504	380.171	Proctor Street	S. 7th	Brass mon.	
3505	380.238	Proctor Street	S. 8th	Brass mon.	
3506	379.919	Proctor Street	S. 9th	Brass mon.	
3507	361.967	Prospect Street	6th Ave.	Hi lead in mon.	
3508	357.557	Prospect Street	N. 11th	Brass in casting	
3509	330.218	Prospect Street	N. 15th	Surface brass mon.	
3510	301.732	Prospect Street	N. 21st	Copper in mon.	
3511	371.069	Prospect Street	S. 12th	Surface brass mon. S.	
3512	377.680	Prospect Street	S. 12th	Surface brass mon. N.	
3513	387.046	Prospect Street	S. 15th	Brass mon.	
3514	382.224	Prospect Street	S. 19th	Brass mon.	
3515	295.705	Prospect Street	S. 53rd	Brass mon.	
3516	307.127	Prospect Street	S. 56th	Brass mon. in walk on N. side of roadway	
3517	273.401	Prospect Street	S. 62nd	Surface brass mon.	
3518	253.710	Prospect Street	S. 74th	Brass mon.	
3519	257.545	Prospect Street	S. Tac. Way	R/R spk in p.pole #24/2 on S. side of S. Tac. Way & E. of intersection	
3520	257.376	Prospect Street	S. Tac. Way	R/R spk in p.pole #25/2 about 70'W. of intersection	
3521	381.747	Puget Sound Ave	6th Ave.	Copper in mon.	
3522	348.478	Puget Sound Ave	N. 21st	Copper in mon.	
3523	336.786	Puget Sound Ave	N. 26th	Copper in mon.	
3524	274.907	Puget Sound Ave	N. 30th	Hi lead in mon.	
3525	364.426	Puget Sound Ave	S. 12th	Surface brass mon.	
3526	244.467	Puget Sound Ave	S. 35th	Brass mon.	
3527	276.195	Puget Sound Ave	S. 38th	Brass mon.	
3528	292.473	Puget Sound Ave	S. 47th	Brass mon.	
3529	255.975	Puget Sound Ave	S. 50th	X in top of NE bolt in conc. orn. light std.	
3530	255.832	Puget Sound Ave	S. 52nd	Brass mon.	
3531	254.040	Puget Sound Ave	S. 53rd	Brass in. in front of house #5232 180' N. of S. 54th intersection	
3532	252.758	Puget Sound Ave	S. 54th	Copper in mon.	
3533	252.304	Puget Sound Ave	S. 56th	Brass mon.	
3534	255.353	Puget Sound Ave	S. 58th	Brass mon. E.	
3535	255.785	Puget Sound Ave	S. 60th	Hi lead in mon. E.	
3536	256.313	Puget Sound Ave	S. 62nd	Hi lead in mon.	
3537	260.735	Puget Sound Ave	S. 64th	Brass mon.	
3538	256.487	Puget Sound Ave	S. 66th	R/R spk in p.pole NE cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3539	257.007	Puget Sound Ave	S. 66th	X in N. end bot. conc. step house #6602	
3540	254.459	Puget Sound Ave	S. 68th	R/R spk in p.pole SE cor.	
3541	244.749	Puget Sound Ave	S. 70th	X @ BW/BW intx SE cor.	1/5/2000
3542	256.118	Puget Sound Ave	S. 72nd	R/R spk in p.pole NE cor.	1/5/2000
3543	263.748	Puget Sound Ave	S. 74th	Brass mon.	
3544	Published elev (1982) - 9.204	Puyallup Ave between East L & M		U.S.C. & G.S. BM #D-406 reset 1974 std. Disk set at W. entr. To Dairy Queen on Puyallup Ave	
3545	49.386	Puyallup Avenue	A St.	Brass mon.	
3546	44.749	Puyallup Avenue	Dock St.	Surface brass mon.	
3547	30.111	Puyallup Avenue	E. C St.	Brass mon.	
3548	28.512	Puyallup Avenue	E. D St.	Brass mon.	
3549	28.263	Puyallup Avenue	E. E St.	Brass mon. N.	
3550	16.289	Puyallup Avenue	E. F St.	Brass mon.	
3551	13.752	Puyallup Avenue	E. G St.	Brass mon.	
3552	11.667	Puyallup Avenue	E. I St.	Brass mon.	
3553	11.626	Puyallup Avenue	E. J St.	Brass mon.	
3554	11.138	Puyallup Avenue	E. L St.	Brass mon.	
3555	10.601	Puyallup Avenue	E. M St.	Brass mon.	
3556	11.895	Puyallup Avenue	E. McKinley	Surface brass mon.	
3557	10.960	Puyallup Avenue	E. N St.	Surface brass mon.	
3558	9.228	Puyallup Avenue	E. Q St.	R/R spk in p.pole NE cor.	
3559	9.228	Puyallup Avenue	E. Q St.	RRSP in P.P. NE Corner	
3560	64.145	Puyallup Avenue	Pacific Ave.	Brass mon.	
3561	31.265	Puyallup Avenue	Portland Ave.	Brass mon.	
3562	12.288	Puyallup Avenue	Precision Machine Works	SE Bolt in light stnd near W. end of bldg	
3563	8.813	Q Street (East)	Bay St	Surface brass mon.	
3564	289.505	Q Street (East)	E. 44th	Surface brass mon.	
3565	9.228	Q Street (East)	Puyallup	RRSP P.P. NE Corner	
3566	29.129	R Street (East)	E. 29th	R/R spk in p. pole SE cor.	
3567	35.582	R Street (East)	E. 30th	Surface brass mon.	
3568	44.572	R Street (East)	E. 31st	R/R spk in p.pole NE cor.	
3569	49.526	R Street (East)	E. 32nd	R/R spk in p.pole SE cor.	
3570	62.655	R Street (East)	E. 34th	Surface brass mon.	
3571	276.269	R Street (East)	E. 44th	R/R spk in p.pole SE cor.	
3572	268.742	R Street (East)	E. 44th	Surface brass P.C. mon 130' E. of R St.	
3573	101.298	R Street (East)	Fairbanks St.	R/R spk in p.pole #18/5 house #1839	
3574	56.887	R Street (East)	Wright Ave.	R/R spk in p.pole SE cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3575	340.498	Railroad Street	Ferry & Freeway Exit	Surface brass mon.	
3576	335.038	Railroad Street	State St.	Brass mon.	
3577	323.523	Railroad Street	Trafton St.	Brass mon.	
3578	376.716	Ridgewood Avenue	S. 12th	Copper in mon.	
3579	376.597	Ridgewood Avenue	S. 15th	Brass mon.	
3580	376.176	Ridgewood Avenue	S. 9th	Brass in casting	
3581	369.826	Rochester Street	6th Ave.	Brass mon.	
3582	364.888	Rochester Street	S. 12th	X in SW cor. top conc. step hse #1407 S. Rochester	
3583	114.271	Roosevelt Avenue	Bet. E. 34th & Wright at alley	R/R spk in p.pole NE cor.	
3584	119.988	Roosevelt Avenue	E. 34th	Surface brass mon.	
3585	143.594	Roosevelt Avenue	E. 35th	R/R spk in p.pole NE cor.	
3586	241.154	Roosevelt Avenue	E. 37th	R/R spk in p.pole SE cor.	
3587	248.141	Roosevelt Avenue	E. 38th	Surface brass mon. N.	
3588	253.593	Roosevelt Avenue	E. 39th	X in SW cor. of conc. base of orn. light at SE cor	
3589	257.924	Roosevelt Avenue	E. 39th	X in SW cor. conc. base orn. light front hse #3905	
3590	266.709	Roosevelt Avenue	E. 39th	X on SW cor. conc. base orn. light front hse #3921	
3591	270.528	Roosevelt Avenue	E. 39th	X on SW cor. conc. base orn. light front hse #3939	
3592	271.767	Roosevelt Avenue	E. 42nd	X on conc. base of st.light NE cor.	
3593	291.309	Roosevelt Avenue	E. 42nd	X on SW cor. conc. base orn. light front hse #4243	
3594	282.421	Roosevelt Avenue	E. 42nd	X on SW cor. conc. base orn. light front hse #4321	
3595	295.418	Roosevelt Avenue	E. 44th	X on conc. base streetlight NE cor.	
3596	357.193	Roosevelt Avenue	E. 64th	Spk in pole	
3597	378.215	Roosevelt Avenue	E. 72nd	Surface brass mon.	
3598	204.291	Roosevelt Avenue	Fairbanks	R/R spk in p.pole SE cor.	
3599	249.131	Roosevelt Avenue	George St.	R/R spk in p.pole SE cor.	
3600	226.339	Roosevelt Avenue	Gregory St.	R/R spk in p.pole #3581 NE cor.	
3601	170.192	Roosevelt Avenue	Harrison St.	R/R spk in p.pole SE cor.	
3602	185.608	Roosevelt Avenue	Morton St.	R/R spk in p.pole NE cor.	
3603	220.182	Roosevelt Avenue	Roosevelt School	R/R spk in guy pole W. side	
3604	212.662	Roosevelt Avenue	Sherman St.	R/R spk in p.pole SE cor.	
3605	107.047	Roosevelt Avenue	Wright Ave.	Brass mon.	
3606	299.185	Rosemount Way	N. 24th	Brass mon.	
3607	11.505	Ross Way	Port of Tac.	Brass mon.	
3608	204.400	Ruby Street	Pearl St.	Brass mon.	
3609	11.516	Ruston Way	100' E. P.Park	X on SE bolt new st.light base Dickman Mill	
3610	11.551	Ruston Way	118' E. Pole #017005 N. side	X on SW bolt new st.light base	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3611	10.881	Ruston Way	Alder St.	Brass mon. in center of 10' wide path, N. side	
3612	9.694	Ruston Way	Alder St.	USGS mon. in wood trestle, NE cor. Alder & Ruston Way	
3613	11.747	Ruston Way	Alder St., 290' W	SE bolt new st.light base, just E. of Katie Downs	
3614	11.376	Ruston Way	Carr St.	Surface brass mon.	
3615	41.344	Ruston Way	E. Entrance to Tunnel	X in conc. base projection near SE cor. of E. entrance to tunnel	
3616	26.356	Ruston Way	Light Pole	Spk in L.pole 205' E. of smelter tunnel	
3617	11.886	Ruston Way	Marine Park	X on conc. base of light in front of Bait Shop	
3618	13.164	Ruston Way	Marine Park	Bass in conc. 660' W. of Bait Shop, 60' E. of hydrant #25 & 15' N. of curb, 7 p. poles E. of 40th	
3619	12.646	Ruston Way	McCarver St.	Surface brass mon. in N. driving lane Ruston Way & 15' N. of N. gutter line McCarver St	
3620	13.236	Ruston Way	McCarver St.	X in NW cor. conc. base of light pole & traffic signal, N side of intersection	
3621	11.846	Ruston Way	N. 40th	R/R spoke in p.pole 420' E. of N. 40th, 3rd pole E of N. 40th	
3622	12.062	Ruston Way	N. 40th	R/R spk in p.pole SW cor. by tele. box 4102	
3623	11.602	Ruston Way	N. 40th	Surface brass mon. W. edge Lobster Shop in parking lot on old centerline r/w by light vault	
3624	10.655	Ruston Way	N. 40th	Surface brass mon. in asph. drive 45' E. of Bldg. #4303, 29' N. of curb line	
3625	10.669	Ruston Way	N. 40th	Brass in conc., 350' W. of west bldg. line #4303 & 29.5 N. of curb line (in lawn)	
3626	11.461	Ruston Way	N. 40th	Surface bass in S. driving lane 24' E. p.pole #52	
3627	13.648	Ruston Way	N. 49th	Brass mon. at end conc. curb & 5' N. of curb (lawn)	
3628	40.796	Ruston Way	N. 51st	X in SW cor. of conc. slab entrance of Employment & Safety Office of smelter (doorway)	
3629	10.260	Ruston Way	Oakes St.	Brass Mon. in N. driving lane	
3630	11.691	Ruston Way	Pole #16 or 018007	Across from Harbor Lights Restaurant	
3631	12.106	Ruston Way	R/R Cross Signal	X on NE cor. conc. base of R/R Xing signal on S. side of Ruston Way and the W. side of tracks	
3632	17.885	Ruston Way	Retainer Wall	X on top of W. end of conc. retainer wall 55' E. of smelter overhead R/R bridge	
3633	11.750	Ruston Way	Smelter Yard	Brass mon. 3' from fence, 40' W. of gate to smelter	
3634	11.262	Ruston Way	Steele St.	Surface brass mon. in S. driving lane	
3635	11.913	Ruston Way	T.F.D. #5 Drive	X on NW cor. City Light vault, E. side of drive	
3636	Published elev (1982) - 111.529	S. 7th & Pacific		U.S.C. & G.S. BM #TIDAL 112 std. Disk set vertically on S. side of wall at SE cor. Of Old City Hall 3.5' W. of SE cor and 1/5' above sidewalk	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3637	320.638	S. Entr. To fenced area		X on conc. base for W. gate post, S. entr. Fenced area	
3638	334.769	S. Moorlands Drive	Huson	Brass in casting	
3639	331.819	S. Moorlands Drive	S. 12th	Brass mon.	
3640	341.131	S. Moorlands Drive	S. 14th	Brass in casting	
3641	353.628	S. Moorlands Drive	S. 14th Approx.	R/R spk in p.pole #063010 in front house #1264 S. Moorlands	
3642	357.897	S. Moorlands Drive	S. 16th	Brass in casting	
3643	299.904	Scenic Drive	Beverly Ave.	R/R spk in L.pole on N. side of intersection	
3644	232.254	Scenic Drive	Broadview Av.	R/R spk in L.pole NE cor. of intersection	
3645	262.615	Scenic Drive	Frances Ave.	R/R spk in Tel. pole on N. side of intersection	
3646	46.457	Schuster Parkway	N. 4th	X on base of light std #4 S side & 200' SE of N. 4th St. bridge	
3647	35.550	Schuster Parkway	N. 4th	X in NW cor. of 3'x3' conc. base for light std #1, W side of bridge	
3648	64.483	Schuster Parkway	Orn. Light	X on base of light std. S. side of upper road approx. 45' from end of retaining wall E.	
3649	12.421	Schuster Parkway	Orn. Light Std # 15	X on base of light std lower road	
3650	22.527	Schuster Parkway	Orn. Light Std # 31	X on base of light std	
3651	14.065	Schuster Parkway	Orn. Light Std #11	X on base of light std lower road	
3652	14.629	Schuster Parkway	Orn. Light Std #19	X on base of light std lower road	
3653	25.044	Schuster Parkway	Orn. Light Std #23	X on base of light std lower road	
3654	28.434	Schuster Parkway	Orn. Light Std #27	X on base of light std lower road	
3655	13.277	Schuster Parkway	Orn. Light Std #35	X on base of light std	
3656	13.617	Schuster Parkway	Orn. Light Std #39	X on base of light std	
3657	13.962	Schuster Parkway	Orn. Light Std #42	X on base of light std	
3658	12.630	Schuster Parkway	Orn. Light Std #46	X on base of light std	
3659	12.650	Schuster Parkway	Orn. Light Std #50	X on base of light std	
3660	12.925	Schuster Parkway	Orn. Light Std #54	X on base of light std	
3661	13.563	Schuster Parkway	Orn. Light Std #58	X on base of light std	
3662	11.678	Schuster Parkway	Orn. Light Std #62	X on base of light std	
3663	12.117	Schuster Parkway	Orn. Light Std #66	X on base of light std	
3664	16.515	Schuster Parkway	Orn. Light Std #7	X on base of light std on N. side of road	
3665	13.531	Schuster Parkway	Orn. Light Std #70	X on base of light std upper road	
3666	12.572	Schuster Parkway	Orn. Light Std #74	X on base of light std upper road	
3667	12.498	Schuster Parkway	Orn. Light Std #78	X on base of light std upper road	
3668	14.783	Schuster Parkway	Orn. Light Std #82	X on base of light std upper road	
3669	19.928	Schuster Parkway	Orn. Light Std #86	X on base of light std upper road	
3670	32.483	Schuster Parkway	Orn. Light Std #90	X on base of light std upper road	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3671	331.326	Sealawn Avenue	Broadview	R/R spk in L.pole E. side approx. 165' N. of Sealawn & Broadview	
3672	247.846	Sealawn Avenue	NE 57th	R/R spk in L.pole #12 E. side of Sealawn opp. N. edge of driveway for house #5744 Seaview	
3673	230.334	Sealawn Avenue	Overlook Ave. (to N.)	R/R spk in L.pole N. side Overlook & Sealawn & 7' E. of Bell Tel Box #5838	
3674	272.826	Sealawn Avenue	Overlook Ave. (to S.)	R/R spk in L.pole E. side Overlook in front of house #5515 Sealawn	
3675	259.410	Sealawn Avenue	Overlook Ave. (to S.)	R/R spk in L.pole in front of house #5535 Sealawn	
3676	214.393	Seaview	Pearl St.	Brass mon.	
3677	250.116	Sheridan Avenue	Center St.	Hi lead in mon.	
3678	354.626	Sheridan Avenue	Division Ave.	Copper in mon.	
3679	366.480	Sheridan Avenue	S. 12th	Hi lead in mon.	
3680	363.179	Sheridan Avenue	S. 15th	Brass mon.	
3681	359.767	Sheridan Avenue	S. 19th	Brass mon.	
3682	347.452	Sheridan Avenue	S. 25th	Brass mon.	
3683	360.771	Sheridan Avenue	S. 38th	Brass mon.	
3684	351.346	Sheridan Avenue	S. 48th	Brass mon.	
3685	354.663	Sheridan Avenue	S. 48th	X in NW cor. bot. step house #4801 S. Sheridan	
3686	344.043	Sheridan Avenue	S. 56th	Brass mon.	
3687	356.336	Sheridan Avenue	S. 57th	R/R spk in pole SE cor.	
3688	370.470	Sheridan Avenue	S. 58th	R/R spk in p.pole in front of house #5804	
3689	395.690	Sheridan Avenue	S. 61st	R/R spk in p.pole W. side #124070	
3690	367.589	Sheridan Avenue	S. 64th	R/R spk in p.pole #CO-SW/1 SW cor.	
3691	344.498	Sheridan Avenue	S. 65th	R/R spk in p.pole in front of house #6461	
3692	341.108	Sheridan Avenue	S. 68th	R/R spk in p.pole SE cor.	
3693	335.053	Sheridan Avenue	S. 70th	R/R spk in p.pole NE cor.	
3694	348.731	Sheridan Avenue	S. 72nd	Brass mon.	
3695	352.972	Sheridan Avenue	S. 74th	R/R spk in p.pole SE cor.	
3696	346.396	Sheridan Avenue	S. 76th	Brass in casting	
3697	336.038	Sheridan Avenue	S. 78th	Brass mon. N.	
3698	335.972	Sheridan Avenue	S. 80th	Brass in casting	
3699	335.151	Sheridan Avenue	S. 83rd	Brass mon. W.	
3700	341.263	Sheridan Avenue	S. 84th	X on vert. metal plat on metal p.pole W. of Sheridan	
3701	338.518	Sheridan Avenue	S. 84th	R/R spk in p.pole NW cor.	
3702	336.506	Sheridan Avenue	S. 84th	Surface brass mon.	
3703	321.483	Sheridan Avenue	S. 90th	Brass mon. in casting	
3704	312.675	Sheridan Avenue	S. 92nd	Brass mon. in casting	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3705	317.981	Sheridan Avenue	S. 94th	R/R spk in p.pole #9401 N.E. cor.	
3706	321.857	Sheridan Avenue	S. 95th	R/R spk in p.pole #9431 E. side	
3707	321.187	Sheridan Avenue	S. 96th	Spk in pole S. side of 96th 300' E. of Sheridan	
3708	321.801	Sheridan Avenue	S. 96th	Brass mon.	
3709	312.584	Sheridan Avenue	S. 96th	R/R spk in p.pole 25' E. of house #1415 S. 96th	
3710	355.852	Sheridan Avenue	S. 9th	Brass in casting	
3711	158.015	Sherman Street	E. T St.	R/R spk in p.pole SE cor.	
3712	212.662	Sherman Street	Roosevelt	R/R spk in p.pole SE cor.	
3713	352.461	Shirley Street	6th Ave.	Hi lead in mon.	
3714	369.236	Shirley Street	N. 11th	Brass in casting	
3715	361.047	Shirley Street	N. 14th	X in SW cor. conc. base light std #041007 NE cor.	
3716	392.533	Shirley Street	N. 21st	Brass mon.	
3717	412.638	Shirley Street	N. 26th	Brass mon.	
3718	416.353	Shirley Street	N. 26th	X in SW cor. bot. conc. step #2601	
3719	391.282	Shirley Street	N. 35th	R/R spk in p.pole NW cor.	
3720	330.095	Shirley Street	N. 37th	X on SW cor. of conc. planter at house #3701	
3721	307.304	Shirley Street	N. 38th	Brass mon.	
3722	276.428	Shirley Street	N. 42nd	Brass mon. in casting	
3723	243.886	Shirley Street	N. 46th	Brass mon.	
3724	111.681	Shirley Street	N. 51st	Brass mon.	
3725	295.032	Shirley Street	S. 19th	Brass mon.	
3726	375.052	Side Street	Overview Dr.	Surface brass mon.	
3727	353.935	Skyline Drive	6th Ave.	Surface brass mon.	
3728	360.205	Skyline Drive	N. 11th	Brass mon.	
3729	364.949	Skyline Drive	N. 11th	Brass mon. bet. houses #1134 and #1142	
3730	369.400	Skyline Drive	N. 13th	Brass mon.	
3731	371.625	Skyline Drive	N. 13th	Brass mon. PT mon. opp. house #1330 Skyline Dr.	
3732	335.601	Skyline Drive	N. 24th	Brass mon. in casting	
3733	354.496	Skyline Drive	N. 9th	Brass mon.	
3734	359.008	Skyline Drive	N. 9th	X in NE cor. conc. porch slab house #940 Skyline	
3735	240.403	Slayden Road	House #4723	R/R spk in p.pole W. side	
3736	197.442	Slayden Road	House 4611 & 4619	R/R spk in p.pole #8	
3737	269.705	Slayden Road	Kennedy Rd.	R/R spk in p.pole #GI8S 2SI on SW cor.	
3738	294.366	Slayden Road	NE 51st St.	R/R spk in light pole 200' NE of Varco Rd.	
3739	276.953	Slayden Road	Varco Rd. NE	R/R spk in p.pole NW cor.	
3740	276.913	Slayden Road NE	Varco Rd. NE	Spk in p.pole NW cor.	
3741	256.159	South Tacoma Wy	Alaska St.	R/R spk in pole #1700 S. side of intersection	
3742	256.801	South Tacoma Wy	Ash St.	R/R spk in p.pole S. side	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3743	256.538	South Tacoma Wy	Asotin St.	R/R spk in pole #1642 S. side of intersection	
3744	257.352	South Tacoma Wy	Cedar St.	Brass mon.	
3745	255.243	South Tacoma Wy	Chandler St.	R/R spk in p.pole S. side of Chandler St.	
3746	255.089	South Tacoma Wy	Cushman	R/R spk in p.pole #1500	
3747	256.127	South Tacoma Wy	Ferry St.	R/R spk in p.pole #2024 S. side of intersection	
3748	257.021	South Tacoma Wy	Fife St.	R/R spk in p.pole SW cor.	
3749	256.702	South Tacoma Wy	Hosmer St.	Brass mon. N. gutter line of intersection	
3750	256.681	South Tacoma Wy	Hosmer St.	R/R spk in p.pole S. side	
3751	258.820	South Tacoma Wy	Lawrence St.	R/R spk in p.pole 32/4 by Texaco gas sta. approx. 150' northeasterly of the intersection	
3752	258.784	South Tacoma Wy	Lawrence St.	Brass mon. approx 200' Southeasterly of intersection	
3753	250.903	South Tacoma Wy	M St.	X on W. bolt of light std. NE cor.	
3754	261.491	South Tacoma Wy	Past S. 74th Light Std #144006	X in SW cor. conc. base for light std. #144006 E. side of S. Tac Way	
3755	256.349	South Tacoma Wy	Pine St.	Brass mon.	
3756	257.545	South Tacoma Wy	Prospect St.	R/R spk in p.pole #24/2 on S. side of S. Tac. Way & E. of intersection	
3757	257.452	South Tacoma Wy	S. 35th	Brass mon. most westerly	
3758	257.814	South Tacoma Wy	S. 35th	Brass mon. 230' S. of intersection	
3759	260.071	South Tacoma Wy	S. 37th	Brass mon. approx. 225' N. of intersection	
3760	263.278	South Tacoma Wy	S. 38th	X on SE bolt in st.light on SE cor. of intersection	
3761	265.869	South Tacoma Wy	S. 40th	X on NW bolt in St. light 40' S of int. W side of street	
3762	263.494	South Tacoma Wy	S. 41st	X on bolt NW cor. Dodge sign	
3763	259.529	South Tacoma Wy	S. 47th	X in conc. base of light std on SW cor.	
3764	254.163	South Tacoma Wy	S. 56th	Hi lead in mon.	
3765	255.489	South Tacoma Wy	S. 66th	R/R spk in p.pole SE cor.	
3766	261.053	South Tacoma Wy	S. 74th	X in SW cor. of conc. base for traffic control box on NE cor.	
3767	260.170	South Tacoma Wy	S. 76th	Copper in mon.	
3768	272.210	South Tacoma Wy	S. 80th	Copper in mon.	
3769	278.532	South Tacoma Wy	S. 82nd	Copper in mon.	
3770	278.697	South Tacoma Wy	S. 84th	Copper in mon.	
3771	255.560	South Tacoma Wy	Sawyer St.	R/R spk in pole S. side of Sawyer St.	
3772	256.282	South Tacoma Wy	Sprague St.	R/R spk in p.pole SW cor.	
3773	255.088	South Tacoma Wy	State St.	R/R spk in p.pole 22/2 S. side of intersection	
3774	255.639	South Tacoma Wy	Steele St.	Brass mon. about 15' NE of Steele St. on S. Tac Way	
3775	249.534	South Tacoma Wy	Subaru Car Lot	Chiseled X in conc. base for "Subaru" sign & light NE cor. Of used car lot	
3776	255.650	South Tacoma Wy	Trafton St.	R/R spk in p.pole 23/2 on S. side of intersection	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3777	260.237	South Tacoma Wy	Warner St.	R/R spk in p.pole #3400 SW cor.	
3778	260.558	South Tacoma Wy	Washington	Surface brass mon.	
3779	256.849	South Tacoma Wy	White St.	R/R spk in p.pole #26/4 in front of house #2624 S. Tacoma Way	
3780	254.873	South Tacoma Wy	Wilkeson St.	R/R spk in p.pole #1720 S. side of intersection	
3781	326.859	Spokane Street	E. 38th	Spk in pole #8/3 NE cor.	
3782	242.834	Sprague Avenue	Center St.	Brass mon.	
3783	337.524	Sprague Avenue	Ferry	Surface brass 145' N. of centerline S. 60th	
3784	324.344	Sprague Avenue	Freeway Exit	N. edge of iron pipe mon. 130' S. of freeway exit	
3785	323.448	Sprague Avenue	Freeway Exit Road	X on NE cor. conc. base of orn. light W. side road	
3786	354.273	Sprague Avenue	Freeway Ped. Bridge	idge Surface brass mon.	
3787	361.618	Sprague Avenue	Light Std	X on E. bolt of 1st lot light N. of S. driveway to Titus Will's Used Car Lot	
3788	375.541	Sprague Avenue	S. 10th	Brass mon.	
3789	367.718	Sprague Avenue	S. 11th	Copper in mon.	
3790	366.049	Sprague Avenue	S. 12th	Surface brass mon.	
3791	361.272	Sprague Avenue	S. 14th	Brass mon.	
3792	361.169	Sprague Avenue	S. 15th	Brass mon.	
3793	362.386	Sprague Avenue	S. 16th	Brass mon. on subdivision line bet. 15th & 17th	
3794	363.467	Sprague Avenue	S. 17th	Brass mon.	
3795	365.317	Sprague Avenue	S. 18th	Brass mon.	
3796	362.719	Sprague Avenue	S. 19th	Brass mon.	
3797	289.408	Sprague Avenue	S. 25th	Brass mon.	
3798	369.754	Sprague Avenue	S. 25th	Brass mon. E. end of bridge	
3799	347.537	Sprague Avenue	S. 35th	Surface brass mon. N.	
3800	350.441	Sprague Avenue	S. 35th	Spk in N. prim pole	
3801	339.520	Sprague Avenue	S. 59th	R/R spk in p.pole #58/6 SW cor. of intersection	
3802	333.872	Sprague Avenue	S. 60th	Surface brass mon.	
3803	324.043	Sprague Avenue	S. 61st	R/R spk p.pole w/orn. light #124006, 40' N. of house #6035	
3804	318.675	Sprague Avenue	S. 64th	Surface brass mon.	
3805	318.534	Sprague Avenue	S. 66th	Brass mon.	
3806	315.046	Sprague Avenue	S. 68th	X on NW cor. orn. light base 66/5 E. side of road	
3807	316.453	Sprague Avenue	S. 68th	X on NW cor. orn. light base 68/5 E. side of road	
3808	314.940	Sprague Avenue	S. 68th	X on NW cor. orn. light base 68/7 E. side of road & N. of Standard Station	
3809	312.900	Sprague Avenue	S. 70th	X on NE cor. orn. light base 70/4 W. side of road & 270' S. of Standard Station	
3810	329.862	Sprague Avenue	S. 74th	N. edge of iron pipe mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3811	375.586	Sprague Avenue	S. 7th to E.	Brass mon.	
3812	374.988	Sprague Avenue	S. 7th to W.	Brass mon.	
3813	319.151	Sprague Avenue	S. 84th	X in NE cor. of 3'x3' conc base of light standard SE corn	
3814	299.119	Sprague Avenue	S. 84th	X on 2-1/2"x3-3/4" vert. metal plate on metal prim pole 415' W. of Sprague	
3815	374.805	Sprague Avenue	S. 8th to E.	Brass mon.	
3816	375.219	Sprague Avenue	S. 8th to W.	Brass mon.	
3817	377.000	Sprague Avenue	S. 9th	Brass mon.	
3818	256.282	Sprague Avenue	S. Tac. Way	R/R spk in p.pole SW cor.	
3819	199.324	St. Helens Avenue	\par S. 7th	Surface brass mon.	
3820	9.392	St. Paul Avenue	Bldg. #1221	Bras mon. PI 65' E. of bldg. 1221 N. side of road	
3821	252.428	St. Paul Avenue	Center St.	Brass mon.	
3822	12.896	St. Paul Avenue	E. 11th	Brass mon.	
3823	9.597	St. Paul Avenue	E. 15th	Brass mon. approx. 200' W. of intersection & 46' W of orn. Light pole #22	
3824	9.148	St. Paul Avenue	E. 15th	Brass mon.	
3825	8.602	St. Paul Avenue	E. 15th	Brass mon. 36' W. of p.pole #25	
3826	8.712	St. Paul Avenue	E. 15th	Brass mon. approx. 35' SW of p.pole #f-2, #15/9 & 10' N. of manhole	
3827	8.591	St. Paul Avenue	On St. Paul	Brass mon. 15' S. of p.pole F-2 #15/9	
3828	9.630	St. Paul Avenue	Portland Ave.	Brass mon. 24' NE of orn. light pole #20/2	
3829	10.918	St. Paul Avenue	Portland Ave.	R/R spk in p.pole #F-1 & #19/2 on NW cor. inters.	
3830	255.560	St. Paul Avenue	S. Tac. Way	R/R spk in pole S. side of Sawyer St.	
3831	122.990	Stadium Way	Borough Road	Brass mon. P.C.	
3832	181.502	Stadium Way	N. 4th	X in NE cor. conc. step house #301 N. 4th	
3833	170.890	Stadium Way	N. 5th	Brass plug in conc. curb 12' N. of S. end of house #501 Stadium Way	
3834	157.601	Stadium Way	N. 6th	Brass mon. center of road	
3835	139.970	Stadium Way	N. 7th	Brass mon.	
3836	128.814	Stadium Way	N. 8th	Brass mon.	
3837	208.094	Stadium Way	N. D St.	Brass mon.	
3838	208.071	Starr Street	G St.	Copper in mon.	
3839	177.590	Starr Street	Tacoma Ave.	R/R spk in p.pole NW cor.	
3840	177.986	Starr Street	Tacoma Ave.	Copper in mon.	
3841	371.033	State Street	6th Ave.	Copper in mon.	
3842	246.420	State Street	Center St.	Brass mon.	
3843	335.038	State Street	Railroad St.	Brass mon.	
3844	363.242	State Street	S. 12th	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3845	362.310	State Street	S. 15th	Brass mon.	
3846	372.842	State Street	S. 19th	Brass mon. W.	
3847	365.511	State Street	S. 21st	Brass mon. P.C. 300' N.	
3848	377.431	State Street	S. 25th	Brass mon.	
3849	255.088	State Street	S. Tac. Way	R/R spk in p.pole 22/2 S. side of intersection	
3850	365.725	State Street	So. 40th	Surface brass PT mon. approx. 16' E. of intersection to S.	
3851	278.922	Station 15 + 18 Catch Basin		Brass plug at catch basin	
3852	278.696	Station 27+18 Catch Basin		Brass plug at catch basin	
3853	358.621	Steele Street	6th Ave.	Brass mon. W.	
3854	251.031	Steele Street	Center St.	Brass mon. N.	
3855	364.866	Steele Street	N. 10th	Brass mon. W.	
3856	363.837	Steele Street	N. 10th	Copper in mon. E.	
3857	362.068	Steele Street	N. 11th	Surface brass mon. W.	
3858	359.690	Steele Street	N. 12th	Brass mon.	
3859	354.633	Steele Street	N. 14th	Brass mon.	
3860	337.278	Steele Street	N. 15th	X in bot. conc. step on N. end of house #1518	
3861	327.717	Steele Street	N. 17th	Brass mon.	
3862	305.707	Steele Street	N. 19th	Brass mon.	
3863	286.964	Steele Street	N. 21st	Brass mon.	
3864	256.714	Steele Street	N. 21st	X on NE cor. of bot. conc. step house #2132 Steele	
3865	61.702	Steele Street	N. 30th	Brass mon.	
3866	357.549	Steele Street	N. 8th	Brass mon. E.	
3867	348.663	Steele Street	N. M St.	Brass mon.	
3868	12.286	Steele Street	Ruston Way	Spk in p.pole #32 S. side of road 170' W. of Bensons Boat Building #2315	
3869	364.974	Steele Street	S. 12th	Surface brass mon.	
3870	383.985	Steele Street	S. 19th	Brass mon.	
3871	364.902	Steele Street	S. 38th	Brass mon.	
3872	256.194	Steele Street	S. 38th	Brass in casting approx. 270' S. of 38th St.	
3873	343.657	Steele Street	S. 40th	Surface brass mon.	
3874	300.777	Steele Street	S. 53rd	R/R spk in p.pole SW cor.	
3875	332.872	Steele Street	S. 56th	Brass mon. N side of road 50' E. of light std. #81	
3876	255.639	Steele Street	S. Tac. Way	Brass mon. about 15' NE of Steele St. on S. Tac Way	
3877	377.600	Stevens Street	6th Ave.	Copper in mon.	
3878	309.748	Stevens Street	Bet N. 38th & N. 39th	Brass mon. near E. gutter line across from house #3816	
3879	368.528	Stevens Street	N. 10th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3880	370.707	Stevens Street	N. 11th	Surface brass mon.	
3881	378.165	Stevens Street	N. 12th	Brass mon.	
3882	378.539	Stevens Street	N. 13th	Brass mon.	
3883	379.565	Stevens Street	N. 14th	Brass mon.	
3884	380.756	Stevens Street	N. 15th	Brass mon.	
3885	381.567	Stevens Street	N. 16th	Brass mon.	
3886	380.679	Stevens Street	N. 18th	Brass mon.	
3887	384.083	Stevens Street	N. 19th	Brass mon.	
3888	377.575	Stevens Street	N. 21st	Brass mon.	
3889	376.605	Stevens Street	N. 22nd	Brass mon.	
3890	375.770	Stevens Street	N. 24th	Brass mon.	
3891	373.640	Stevens Street	N. 25th	Brass mon.	
3892	368.947	Stevens Street	N. 26th	Brass mon.	
3893	364.492	Stevens Street	N. 27th	Brass mon.	
3894	356.450	Stevens Street	N. 28th	Brass mon.	
3895	341.172	Stevens Street	N. 29th	Brass mon.	
3896	337.117	Stevens Street	N. 30th	Brass mon.	
3897	324.704	Stevens Street	N. 32nd	Brass mon.	
3898	314.736	Stevens Street	N. 33rd	Brass mon.	
3899	311.645	Stevens Street	N. 34th	Brass mon.	
3900	311.400	Stevens Street	N. 36th	Brass mon.	
3901	310.280	Stevens Street	N. 37th	Copper in mon.	
3902	309.412	Stevens Street	N. 38th	Brass mon.	
3903	314.629	Stevens Street	N. 39th	Brass mon.	
3904	313.012	Stevens Street	N. 41st	Brass mon.	
3905	311.486	Stevens Street	N. 42nd	Brass mon. E.	
3906	303.056	Stevens Street	N. 43rd	Brass mon. E.	
3907	301.593	Stevens Street	N. 43rd	Brass mon. W.	
3908	294.688	Stevens Street	N. 44th	Brass mon.	
3909	283.480	Stevens Street	N. 45th	Brass mon.	
3910	364.801	Stevens Street	N. 7th	Brass mon.	
3911	363.033	Stevens Street	N. 8th	Brass mon.	
3912	366.883	Stevens Street	N. 9th	Brass mon. on S.P.L.	
3913	392.413	Stevens Street	S. 10th	X on NE cor. N. end bot. conc. step house #1002	
3914	389.874	Stevens Street	S. 12th	Brass mon. to S.	
3915	382.876	Stevens Street	S. 12th	Brass mon. to N.	
3916	369.129	Stevens Street	S. 14th	X on S. end bot. conc. step house #1402 S. Stevens	
3917	343.756	Stevens Street	S. 16th	X in S. end bot. conc. step house #1602 S. Stevens	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3918	333.232	Stevens Street	S. 16th	N. end conc. bot step house #1631 S. Stevens	
3919	309.943	Stevens Street	S. 19th	Brass mon. 326' W. of Mason	
3920	286.384	Stevens Street	S. 56th	Brass mon.	
3921	314.997	Stevens Street	S. 62nd	Surface brass mon.	
3922	257.977	Stevens Street	S. 66th	Brass mon.	
3923	396.885	Stevens Street	S. 7th	X on bot. conc. step house #4402 S. 7th at SW cor.	
3924	404.694	Stevens Street	S. 8th	X on SE cor. of S. end bot. conc. step house #802	
3925	401.415	Stevens Street	S. 9th	X on S. end of SE cor. bot. step house #902	
3926	303.599	Summit Ave (Fircrest)	Columbia Ave.	Brass mon.	
3927	286.360	Summit Road	Yakima Ave.	Brass mon.	
3928	343.203	Sunray Drive	Jackson Ave.	Brass mon.	
3929	224.385	Sunray Drive	Mt. View Ave.	Brass mon.	
3930	139.505	Sunset Drive	6th Ave.	Surface brass mon.	
3931	153.178	Sunset Drive	P.Pole #046037	R/R spk in p.pole #046037 E. side Sunset Dr. opposite house #924	
3932	146.405	Sunset Drive	P.Pole #067002	R/R spk p.pole E. side Sunset Dr. north p/l house #1217	
3933	141.847	Sunset Drive	P.Pole #067008	R/R spk p.pole E. side Sunset Dr. north p/l house #1719	
3934	141.286	Sunset Drive	P.Pole #1325	R/R spk p.pole E. side Sunset Dr. front house #1325	
3935	139.982	Sunset Drive	P.Pole #1539	R/R spk p.pole E. side Sunset Dr. front house #1539	
3936	153.592	Sunset Drive	P.Pole #95	R/R spk p.pole E. side Sunset Dr. opp. house #958	
3937	155.324	Sunset Drive	S. 19th	Brass mon. N.	
3938	137.154	Sunset Drive	So. 15th	R/R spk p.pole W. side Sunset Dr. north p/l house #1510	
3939	339.453	Suspension Drive	Jackson Ave.	Brass mon.	
3940	221.904	Suspension Drive	Mt. View Ave.	Brass mon.	
3941	163.572	T Street (East)	Columbia	R/R spk in p.pole SE cor.	
3942	51.703	T Street (East)	E. 34th	Surface brass mon.	
3943	63.965	T Street (East)	E. 35th	Surface brass mon.	
3944	172.527	T Street (East)	E. 36th	R/R spk in p.pole NE cor.	
3945	182.339	T Street (East)	E. 38th	Brass mon. in casting	
3946	196.546	T Street (East)	E. 39th	R/R spk in wood light pole NW cor.	
3947	0.325	T Street (East)	E. 40th	X in bot. conc. step house #3936 on NE cor. 225	
3948	237.368	T Street (East)	E. 42nd	X on bot. conc. step house #2002 E. 42nd on SE cor	
3949	344.721	T Street (East)	E. 60th	Surface brass mon. E.	
3950	346.163	T Street (East)	E. 61st	Surface brass mon.	
3951	354.063	T Street (East)	E. 62nd	Surface brass mon.	
3952	362.061	T Street (East)	E. 63rd	Surface brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3953	366.475	T Street (East)	E. 64th	R/R spk in p.pole on N. side of E. 64th bet. Houses #1927 & #2007	
3954	398.180	T Street (East)	E. 72nd	Brass mon. in casting	
3955	122.569	T Street (East)	Fairbanks St.	R/R spk in p.pole NW cor.	
3956	244.227	T Street (East)	Faris Dr.	Brass mon. N.	
3957	253.862	T Street (East)	Faris Dr.	Brass mon. S.	
3958	180.321	T Street (East)	George St.	R/R spk in p.pole SE cor.	
3959	169.686	T Street (East)	Gregory	R/R spk in p.pole NE cor.	
3960	82.675	T Street (East)	Harrison	Surface brass mon.	
3961	82.675	T Street (East)	Harrison	Surface brass mon.	
3962	100.109	T Street (East)	Morton	Surface brass mon.	
3963	158.015	T Street (East)	Sherman	R/R spk in p.pole SE cor.	
3964	282.927	Tacoma Avenue	6th Ave.	Copper in mon.	
3965	197.722	Tacoma Avenue	Center St.	Copper in mon.	
3966	218.580	Tacoma Avenue	Delin St.	X on base of light std. S. cor.	
3967	275.491	Tacoma Avenue	Division Ave.	Hi lead in mon.	
3968	165.906	Tacoma Avenue	McCarver St.	Brass mon.	
3969	192.533	Tacoma Avenue	N. 10th	X in steps 4' back walk N. side steps hse #1009	
3970	186.482	Tacoma Avenue	N. 11th	X in conc. base light std. NE cor.	
3971	272.395	Tacoma Avenue	N. 1st	Copper in mon.	
3972	253.466	Tacoma Avenue	N. 2nd	Brass mon.	
3973	273.214	Tacoma Avenue	N. 3rd	Brass mon.	
3974	288.454	Tacoma Avenue	N. 4th	Brass mon.	
3975	281.159	Tacoma Avenue	N. 5th	Brass mon.	
3976	257.853	Tacoma Avenue	N. 6th	Brass mon.	
3977	213.439	Tacoma Avenue	N. 8th	X on bot. conc. step N. end of house #605 N. 8th	
3978	209.210	Tacoma Avenue	N. 8th	R/R spk in p.pole on N. side of 8th St.	
3979	203.279	Tacoma Avenue	N. 9th	X on NW bolt metal light std. E. side Tac. Ave.	
3980	202.234	Tacoma Avenue	N. 9th	Copper in mon.	
3981	331.286	Tacoma Avenue	N.P.L. of Div.	Ln Brass mon. in casting	
3982	241.082	Tacoma Avenue	S. 12th	X in NW cor. of conc. base of light std on SW cor.	
3983	231.977	Tacoma Avenue	S. 13th	X in conc. on NW cor. of Wash. State Bldg. on SE cor. Of S. 13th & Tac. Ave approx 0.3 from cor. Of bldg	
3984	234.299	Tacoma Avenue	S. 13th	X on NE cor. conc. base of light std. on SW cor. 13th & Tacoma Ave	
3985	223.871	Tacoma Avenue	S. 15th	X on top of NW cor. of steel plate on NE cor. S. 15th & Tacoma Ave	
3986	221.817	Tacoma Avenue	S. 17th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
3987	218.819	Tacoma Avenue	S. 18th	Copper in mon.	
3988	216.122	Tacoma Avenue	S. 19th	Brass mon.	
3989	291.350	Tacoma Avenue	S. 1st	Copper in mon.	
3990	213.946	Tacoma Avenue	S. 21st	Hi lead in mon.	
3991	208.604	Tacoma Avenue	S. 23rd	Copper in mon.	
3992	206.387	Tacoma Avenue	S. 24th	Copper in mon.	
3993	205.833	Tacoma Avenue	S. 25th	Brass mon.	
3994	202.526	Tacoma Avenue	S. 27th	Brass mon.	
3995	295.711	Tacoma Avenue	S. 2nd	Copper in mon.	
3996	221.492	Tacoma Avenue	S. 30th	Brass mon.	
3997	250.253	Tacoma Avenue	S. 31st	Brass mon.	
3998	319.370	Tacoma Avenue	S. 34th	Copper in mon.	
3999	327.778	Tacoma Avenue	S. 35th	Copper in mon.	
4000	334.075	Tacoma Avenue	S. 36th	Brass mon. in casting	
4001	340.739	Tacoma Avenue	S. 37th	Brass mon. in casting	
4002	351.043	Tacoma Avenue	S. 38th	Brass mon. in casting	
4003	296.213	Tacoma Avenue	S. 3rd	Copper in mon.	
4004	358.453	Tacoma Avenue	S. 43rd	Copper in mon.	
4005	369.843	Tacoma Avenue	S. 48th	Surface brass mon.	
4006	297.047	Tacoma Avenue	S. 4th	Copper in mon.	
4007	290.831	Tacoma Avenue	S. 5th	Hi lead in mon.	
4008	400.671	Tacoma Avenue	S. 64th	Brass mon.	
4009	377.267	Tacoma Avenue	S. 72nd	Brass mon.	
4010	370.155	Tacoma Avenue	S. 76th	Surface brass mon. N.	
4011	277.494	Tacoma Avenue	S. 7th	Copper in mon.	
4012	379.437	Tacoma Avenue	S. 84th	Brass mon. (E.P.L.)	
4013	266.376	Tacoma Avenue	S. 8th	Hi lead in mon.	
4014	367.622	Tacoma Avenue	S. 96th	Brass mon.	
4015	255.697	Tacoma Avenue	S. 9th	Copper in mon.	
4016	256.377	Tacoma Avenue	S. 9th	X on NW bolt of light std. SE cor.	
4017	255.697	Tacoma Avenue	S. 9th	Copper in mon.	
4018	177.986	Tacoma Avenue	Starr St.	Copper in mon.	
4019	314.130	Tacoma Avenue	Wright Ave.	Brass mon.	
4020	12.577	Taylor Way	1202 Taylor Way	Chiseled cross in a concrete slab for a doorway to NW?, 1202 Taylor Way	
4021	10.496	Taylor Way	2000 Taylor Way	Chiseled cross in the bottom step @ 2000 Taylor Way by the entrance gate to Warehouse #8	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4022	10.410	Taylor Way	2301 Taylor Way	Chiseled cross in the Southwest corner of the bottom step 2301 Taylor Way	
4023	10.028	Taylor Way	2340 Taylor Way	Chiseled cross in the Southeast corner of a concrete vault at the southerly end of the parking lot @ 2340 Taylor Way	
4024	10.273	Taylor Way	2902 Taylor Way	Chiseled cross in the Northeast corner of the bottom step 2902 Taylor Way	
4025	9.961	Taylor Way	3400 Taylor Way	SBM @ Taylor Way and the North Driveway to Kaiser Plant, 3400 Taylor Way	
4026	8.085	Taylor Way	City Light Subs	ta. X in conc. base of SW cor. post, cyclone fence	
4027	11.750	Taylor Way	E. 12th	X in NW cor. conc. door slab of Philadelphia Quartz Co. at 1202 Taylor	
4028	12.095	Taylor Way	E. 13th	X in E. cor. conc. base for NE leg of transmission tower opp. Substation	
4029	11.875	Taylor Way	E. 14th	R/R spk in p.pole 1423	
4030	11.821	Taylor Way	E. 14th	R/R spk in p.pole #1447	
4031	11.253	Taylor Way	E. 16th	R/R spk in p.pole #1729	
4032	10.613	Taylor Way	E. 17th	X on N. end bot. conc. step of Lindal Cedar Homes, 2000 Taylor Way	
4033	12.248	Taylor Way	E. 18th	R/R spk in p.pole #1761 near Western Farmers Assn.	
4034	10.540	Taylor Way	E. 18th	Brass P.I. mon. at S. end Western Farmers bldg. 6' E. of R/R tracks	
4035	10.500	Taylor Way	E. 23rd	X in SW cor. bot. conc. step U.S. Gypsum Co., 2301 Taylor Way	
4036	10.192	Taylor Way	E. 29th	X in NW cor. conc bot. step of Pennwalt, #2901	
4037	10.325	Taylor Way	E. 29th	X in NE cor. bot. conc. step bldg. #2902 Taylor Way	
4038	11.300	Taylor Way	E. 31st	X in NE cor. conc. slab in bldg #2116 Taylor Way	
4039	10.468	Taylor Way	East West Road	SBM, 200'+/- Northwest of intersection	
4040	10.020	Taylor Way	Kaiser Aluminum	X in SW cor. slab of pump station 200' N. of drvwy	
4041	9.876	Taylor Way	Kaiser Aluminum	R/R spk in p.pole #169008 W. side of Taylor Way 75-76, opp Kaiser transformer station	
4042	10.101	Taylor Way	Kaiser Aluminum	R/R spk in p.pole #168002 near S. end Kaiser cyclone fence next to hyd. #36	
4043	11.580	Taylor Way	Lincoln Ave.	R/R spk in p.pole NW cor.	
4044	12.167	Taylor Way	Lincoln Ave.	R/R spk in p.pole #2065 next to Buffelen office	
4045	9.605	Taylor Way	Lone Star Conc. Plnt	Chiseled cross on the Northeast corner of a concrete vault, on the southwest side of Taylor Way, 150' +/- north of the Lone Star Concrete batch plant	
4046	10.190	Taylor Way	Marine View Dr.	X in top of NE bolt light std on NE cor. of inters	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4047	9.985	Taylor Way	Pennwalt Gate #	2 X in SW cor. porch slab of guard station	
4048	10.375	Taylor Way	Pole #180017	Spk in p.pole W. side road	
4049	9.925	Taylor Way	Pole #96	Spk in p.pole #168005 60' S. of hyd. #38	
4050	302.659	TCC Parking Lot	S. 19th	Letter 'O' in open on fire hyd. SE cor.	
4051	334.430	Thompson Avenue	S. 35th	X in NE cor. of conc. base of light std. SW cor.	
4052	334.720	Thompson Avenue	S. 36th	X in NE cor. of conc. base of light std. SW cor.	
4053	342.676	Thompson Avenue	S. 37th	Copper in mon. in casting	
4054	346.167	Thompson Avenue	S. 38th	Brass mon.	
4055	376.453	Thompson Avenue	S. 48th	Brass mon. to S.	
4056	379.741	Thompson Avenue	S. 48th	Brass mon. to N.	
4057	388.810	Thompson Avenue	S. 56th	Brass mon.	
4058	374.953	Thompson Avenue	S. 64th	Brass mon.	
4059	356.695	Thompson Avenue	S. 72nd	Brass mon.	
4060	367.140	Thompson Avenue	S. 76th	R/R spk in p.pole	
4061	371.040	Thompson Avenue	S. 80th	Surface brass mon.	
4062	353.641	Thompson Avenue	S. 84th	Brass mon. to N.	
4063	346.787	Thompson Avenue	S. 84th	Brass mon. to S.	
4064	346.985	Thompson Avenue	S. 84th	X in bot. conc. step on SW cor. house #857 S. 84th	
4065	11.215	Thorne Road	1401 Thorne Road	R/R spk 120' S. of bldg #1401 Thorne Road	
4066	11.104	Thorne Road	1451 Thorne Road	R/R spk in p.pole #19	
4067	11.513	Thorne Road	2001 Thorne Road	R/R spk in p.pole #3 E. side	
4068	11.085	Thorne Road	E. 11th	Surface brass mon.	
4069	11.094	Thorne Road	E. 11th	R/R spk in p.pole SE cor.	
4070	10.585	Thorne Road	Maxwell Way	Brass mon. in casting	
4071	10.743	Thorne Road	Ross Way	Brass mon. in casting	
4072	13.954	Titlow Road	6th Ave.	Brass mon. P.C. 50' N.	
4073	13.810	Titlow Road	6th Ave.	Brass mon.	
4074	359.265	Trafton Street	6th Ave.	Copper in mon. W.	
4075	248.884	Trafton Street	Center St.	Brass mon.	
4076	323.523	Trafton Street	Railroad St.	Brass mon.	
4077	362.692	Trafton Street	S. 12th	Surface brass mon.	
4078	370.765	Trafton Street	S. 15th	Brass mon.	
4079	381.918	Trafton Street	S. 19th	Brass mon.	
4080	348.175	Trafton Street	S. 56th	Brass mon. 50' S. of edge of walk	
4081	255.650	Trafton Street	S. Tac. Way	R/R spk in p.pole 23/2 S. side of intersection	
4082	9.496	Treatment Plant 1		X in conc rim of junction box NW cor Portland Ave. centerline N. end of road & Lincoln Ave	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4083	9.831	Treatment Plant 1		X in conc curb near N. gate & N. gate post of Treatment Plant entrance	
4084	14.184	Treatment Plant 1		320' +/- SE River St & Portland Ave surface brass mon by Portland Ave main entrance to Sewer Treatment Plant 1	
4085	12.878	Treatment Plant 1		X in conc rim of junction box centerline N. end at back of curb at Portland and River St	
4086	298.660	Tyler Court	S. 62nd	Surface brass mon.	
4087	301.497	Tyler St.		Surface brass mon.	3/18/1998
4088	324.209	Tyler Street	Center St.	X in NW bolt of orn. light std. SE cor.	3/18/1998
4089	326.830	Tyler Street	Center St.	X in NW bolt of orn. light std. SW cor.	3/18/1998
4090	343.889	Tyler Street	Center St.	R/R spk on pole #124 orn. light 700' W of Tyler on S. side of Bantz Blvd	
4091	303.199	Tyler Street	Gregory St	X in SE bolt orn. light on the NW cor. Intx.	3/18/1998
4092	282.809	Tyler Street	Mason	Surface brass mon. 120' South of Mason & Tyler	
4093	366.595	Tyler Street	N. 11th	Surface brass mon.	
4094	363.576	Tyler Street	N. 15th	R/R spk in p.pole #039008 NE cor.	
4095	357.970	Tyler Street	N. 21st	X on top SE bolt of SE leg of City tower	
4096	339.496	Tyler Street	N. 26th	Brass mon.	
4097	305.171	Tyler Street	N. 34th	X in SW cor. bottom conc. step house #4121 N. 34th	
4098	302.003	Tyler Street	N. 37th	Brass mon.	
4099	297.546	Tyler Street	N. 38th	Hi lead in mon.	
4100	413.204	Tyler Street	S. 12th	Brass mon. to S.	
4101	414.150	Tyler Street	S. 12th	Brass mon. to N.	
4102	310.414	Tyler Street	S. 19th	Brass mon.	
4103	316.053	Tyler Street	S. 30th	Copper in pipe mon.	
4104	318.006	Tyler Street	S. 31st	E. copper in pipe mon.	
4105	301.497	Tyler Street	S. 34th	Surface brass mon.	3/18/1998
4106	303.097	Tyler Street	S. 35th	R/R spk in p.pole SE cor.	3/18/1998
4107	299.939	Tyler Street	S. 36th	Surface brass mon. (South mon.)	3/18/1998
4108	299.816	Tyler Street	S. 37th	Brass mon.	3/18/1998
4109	300.435	Tyler Street	S. 38th (Manitou Wy)	R/R spk in p.pole E side of Tyler 100' +/- intx	3/18/1998
4110	276.411	Tyler Street	S. 49th	Spk in p.pole #110004	
4111	277.557	Tyler Street	S. 49th	Brass mon. in casting 40' W. of intersection	
4112	275.416	Tyler Street	S. 50th	Spk in p.pole #110006	
4113	279.861	Tyler Street	S. 52nd	Surface brass mon.	
4114	259.173	Tyler Street	S. 66th	Brass mon.	
4115	260.083	Tyler Street	S. 67th	R/R spk in prim. pole on NW cor.	
4116	258.127	Tyler Street	S. 69th	R/R spk in prim. pole on SW cor.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4117	256.297	Tyler Street	S. 71st	R/R spk in prim. pole on W. side of road, 15' N. of house #7124	
4118	242.148	Tyler Street	S. 72nd	R/R spk in prim. pole SW P.1 on W. side of road bet houses #7214 & 7142 Tyler	
4119	238.652	Tyler Street	S. 74th	R/R spk in p.pole SW cor.	
4120	314.030	Tyler Street	Wright Ave.	Surface brass mon.	3/18/1998
4121	342.270	Union Avenue	100' S. of S. 23rd P.C.	Brass mon.	
4122	358.396	Union Avenue	381' S. of S. 19th P.C.H.C.	Brass mon.	
4123	385.533	Union Avenue	6th Ave.	Brass mon.	
4124	289.374	Union Avenue	Center St.	Brass mon.	
4125	359.579	Union Avenue	Melrose St.	Brass mon.	
4126	372.285	Union Avenue	N. 10th	Brass in casting	
4127	371.313	Union Avenue	N. 11th	Brass in casting	
4128	369.546	Union Avenue	N. 12th	Brass in casting	
4129	367.328	Union Avenue	N. 13th	Brass in casting	
4130	365.168	Union Avenue	N. 14th	Brass in casting	
4131	363.750	Union Avenue	N. 15th	Brass in casting	
4132	364.059	Union Avenue	N. 16th	Brass in casting	
4133	363.567	Union Avenue	N. 18th	Brass in casting	
4134	359.525	Union Avenue	N. 19th	X in SW cor. conc base of light std #030148 NE cor	
4135	357.844	Union Avenue	N. 21st	Hi lead in mon.	
4136	337.980	Union Avenue	N. 26th	Copper in mon.	
4137	277.128	Union Avenue	N. 30th	Brass mon. S.	
4138	377.286	Union Avenue	N. 7th	Surface brass mon.	
4139	375.999	Union Avenue	N. 8th	Brass in casting	
4140	372.997	Union Avenue	N. 9th	Brass in casting	
4141	12.466	Union Avenue	Ruston Way	Brass mon. 22' N. of N. edge of pavement 98' E. from pole #78	
4142	13.174	Union Avenue	Ruston Way	Brass mon. 94.53' NW of Union 44' N. from pole #78	
4143	372.634	Union Avenue	S. 10th	Brass in casting	
4144	361.923	Union Avenue	S. 11th	Surface brass mon.	
4145	362.702	Union Avenue	S. 12th	Surface brass mon.	
4146	360.418	Union Avenue	S. 13th	Brass mon.	
4147	362.556	Union Avenue	S. 14th	Brass mon.	
4148	361.933	Union Avenue	S. 15th	Brass mon. E.	
4149	364.108	Union Avenue	S. 17th	Brass mon. W.	
4150	362.380	Union Avenue	S. 18th	Brass mon.	
4151	365.693	Union Avenue	S. 19th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4152	309.817	Union Avenue	S. 31st & Union	Copper in mon.	
4153	250.097	Union Avenue	S. 34th	Brass mon.	
4154	247.146	Union Avenue	S. 35th	Brass mon.	
4155	262.722	Union Avenue	S. 38th	Brass mon.	
4156	273.862	Union Avenue	S. 38th	Copper in mon. front of house #3838 Union Ave.	
4157	272.828	Union Avenue	S. 40th	Hi lead in mon.	
4158	273.442	Union Avenue	S. 40th	R/R spk in p.pole SW cor.	
4159	271.546	Union Avenue	S. 41st	X in iron rim approx. 2" above copper in mon.	
4160	271.813	Union Avenue	S. 41st	R/R spk in p.pole SW cor.	
4161	274.366	Union Avenue	S. 43rd	Hi lead in mon.	
4162	283.500	Union Avenue	S. 44th	R/R spk in p.pole approx. 60' N of house #4330 on W. side of street	
4163	283.769	Union Avenue	S. 45th	Brass mon.	
4164	266.097	Union Avenue	S. 47th	Brass mon. in casting	
4165	258.082	Union Avenue	S. 48th	Brass mon. 50' N of intersection	
4166	386.431	Union Avenue	S. 7th	Brass in casting	
4167	383.462	Union Avenue	S. 8th	Brass in casting	
4168	380.490	Union Avenue	S. 9th	Brass in casting	
4169	323.193	Union Avenue	Wash. State Mon	Copper in mon. 75' N. of off ramp from Sea. or E.	
4170	320.726	Union Avenue	Wash. State Mon	Copper in mon. in centerline of overpass	
4171	319.061	Union Avenue	Wash. State Mon	Copper in mon. 156' S. of overpass	
4172	309.817	Union Avenue	Wash. State Mon	Copper in mon.	
4173	314.475	Union Avenue	Wash. State Mon S. 30th & Union	Copper in mon.	
4174	355.946	Vassault Street	200' S. of N. 26th	P.C. surface mon.	
4175	372.747	Vassault Street	N. 23rd	Brass mon. in casting	
4176	363.890	Vassault Street	N. 24th	Surface brass	
4177	359.668	Vassault Street	N. 26th	Brass mon. in sidewalk, S side N. 26th & Vassault	
4178	353.745	Vassault Street	N. 26th	X in N. rivet on NE leg of transmission tower S. side of Narrows Dr approx 100' W. of Vassault	
4179	344.779	Vassault Street	N. 37th	Brass mon. S.	
4180	325.109	Vassault Street	N. 42nd	Brass mon.	
4181	315.372	Vassault Street	N. 44th	Brass mon. SW cor. of Testmony Add.	
4182	310.113	Vassault Street	N. 45th	Brass mon.	
4183	298.969	Vassault Street	N. 46th	Brass mon.	
4184	248.518	Vassault Street	N. 48th	Brass mon.	
4185	239.895	Vassault Street	N. 49th	Brass mon.	
4186	229.334	Vassault Street	N. 50th	Brass mon.	



## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4187	197.895	Vassault Street	N. 51st	Brass mon. E.	
4188	335.765	Vassault Street	S. 12th	Brass mon.	
4189	406.064	Vassault Street	Westgate Blvd.	Brass mon.	
4190	197.960	Ventura Drive	6th Ave.	Brass mon.	
4191	226.996	Ventura Drive	S. 12th	R/R spk in p.pole #067023 SW cor.	
4192	257.878	Ventura Drive	S. 19th	Brass mon.	
4193	255.821	Ventura Drive	S. 19th	X in NE cor. bot. conc. step #7804 S. 19th	
4194	364.484	Verde Street	6th Ave.	Copper in mon.	
4195	377.335	Verde Street	N. 11th	Brass mon. in casting	
4196	375.499	Verde Street	N. 15th	Brass in casting	
4197	371.734	Verde Street	N. 21st	Brass mon.	
4198	361.513	Verde Street	N. 26th	R/R spk in p.pole NE cor.	
4199	315.487	Verde Street	N. 37th	X in NE cor. bot. conc. step house #3626 Verde	
4200	249.966	Verde Street	N. 46th	Brass mon.	
4201	365.578	Verde Street	S. 12th	Brass mon. S.	
4202	351.085	Verde Street	S. 12th	Brass mon. N.	
4203	346.167	Verde Street	S. 12th	Brass mon. (N.) 80' to W.	
4204	283.579	Verde Street	S. 49th	R/R spk in p.pole #SW-P2	
4205	257.031	Verde Street	S. 60th	Brass mon.	
4206	314.863	Verde Street	S. 62nd	Surface brass mon.	
4207	291.523	Vicinity of control tower		X on N. base for "Shell" sign 100' N. of control tower	
4208	287.897	Vicinity of operations bldg		X in NE cor. conc. box for storm drain in asphalt 75' + NW of Operations Bldg	
4209	370.042	View Ridge Drive	Frace St.	Brass mon. in casting	
4210	378.843	View Ridge Drive	House #6423 View Ridge Dr	R/R spk in light pole opp. house #6423	
4211	359.618	View Ridge Drive	Whitman St.	R/R spk in tel.pole NW cor.	
4212	401.486	Viewmont	N. 31st	Brass mon. W.	
4213	399.067	Viewmont	N. 31st	Brass mon. E.	
4214	390.005	Viewmont	Visscher St.	Brass mon.	
4215	345.843	Villard Street	6th Ave.	X on top of NW nut base of flood light 60' W. of Kmart sign	
4216	365.253	Villard Street	N. 14th	Brass in casting	
4217	382.011	Villard Street	N. 21st	Brass mon.	
4218	355.450	Villard Street	N. 35th	R/R spk in p.pole NE corn.	
4219	301.339	Villard Street	N. 38th	Brass mon	
4220	243.848	Villard Street	N. 46th	Brass mon in curb line	
4221	308.655	Villard Street	S. 12th	Surface brass mon	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4222	332.827	Visscher Street	N. 35th	Brass mon. (west)	
4223	327.171	Visscher Street	N. 35th	Brass mon. (east)	
4224	263.488	Visscher Street	N. 42nd	Brass in casting	
4225	239.066	Visscher Street	N. 46th	Brass mon.	
4226	112.921	Visscher Street	Parkway	Copper in mon.	
4227	298.927	Visscher Street	S. 19th	Brass mon.	
4228	390.005	Visscher Street	Viewmont	Brass mon.	
4229	396.228	Visscher Street	Westgate	Brass mon.	
4230	244.119	Vistaview Drive	N. 24th	Brass mon.	
4231	190.646	Vistaview Drive	N. 27th	Brass mon.	
4232	278.564	Vistaview Drive	Narrows Dr. & Bridgeview	Spk in guy pole Bridgeview & Narrows Drive	
4233	323.289	W. entr. To fenced area		X on conc base for N gate post, W entr. fenced area	
4234	13.948	Walters Road	6th Ave.	Brass mon.	
4235	36.396	Walters Road	S. 16th	Brass mon. 20' N. intrsctn	
4236	45.042	Walters Road	S. 17th	R/R spk in p.pole NE cor.	
4237	52.298	Walters Road	S. 18th	Brass mon.	
4238	53.711	Walters Road	S. 18th	X on NE cor. conc. bot. step house #1872 Walters	
4239	54.773	Walters Road	S. 19th	Brass mon.	
4240	60.130	Walters Road	S. 19th	X on N. end of conc wall 3' E of driveway hse #8624	
4241	298.026	Wapato Street	S. 53rd	R/R spk in p.pole SW cor.	
4242	324.250	Wapato Street	S. 56th	Brass mon. in walk on N. side opp. light std. #82	
4243	266.095	Wapato Street	S. 62nd	X in NE cor. bot. conc. step house #6202 Wapato	
4244	258.433	Wapato Street	S. 64th	Surface brass mon. E.	
4245	261.695	Wapato Street	S. 66th	R/R spk in p.pole SE cor.	
4246	265.579	Wapato Street	S. 68th	Brass in casting	
4247	266.071	Wapato Street	S. 70th	Brass mon. 331.5' N. of intersection	
4248	265.382	Wapato Street	S. 70th	Brass in casting	
4249	249.839	Wapato Street	S. 72nd	Surface brass mon.	
4250	270.738	Wapato Street	S. 74th	Brass mon.	
4251	385.457	Warner Street	6th Ave.	Copper in mon.	
4252	275.204	Warner Street	Center St.	Brass mon.	
4253	336.259	Warner Street	N. 21st	Copper in mon.	
4254	317.316	Warner Street	N. 26th	Brass mon.	
4255	272.167	Warner Street	N. 30th	Brass mon.	
4256		Warner Street	Ruston Way	Brass mon. 49' N. of p.pole #70, 115' W. of Rest. #3327	
4257	11.912	Warner Street	Ruston Way	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4258	372.834	Warner Street	S. 12th	Surface brass mon.	
4259	358.480	Warner Street	S. 19th	Brass mon.	
4260	240.323	Warner Street	S. 35th	Brass mon.	
4261	297.809	Warner Street	S. 38th	Brass mon.	
4262	306.671	Warner Street	S. 47th	Surface brass mon.	
4263	250.707	Warner Street	S. 56th	Brass mon.	
4264	262.979	Warner Street	S. 62nd	R/R spk in p.pole SW cor.	
4265	256.525	Warner Street	S. 66th	R/R spk in p.pole SW cor.	
4266	264.625	Warner Street	S. 74th	Brass mon.	
4267	283.809	Warner Street	S. 84th	X on 2-1/2"x3-3/4" vert. metal plate on metal prim pole N. side of intersection	
4268	260.237	Warner Street	S. Tac. Way	R/R spk in p.pole #3400 SW cor.	
4269	390.677	Washington Street	6th Ave.	Copper in mon.	
4270	289.903	Washington Street	Center St.	Brass mon.	
4271	375.531	Washington Street	N. 11th	Surface brass mon.	
4272	365.488	Washington Street	N. 15th	R/R spk in p.pole #039095 SE cor.	
4273	367.921	Washington Street	N. 21st	Brass mon.	
4274	357.481	Washington Street	N. 26th	Copper in mon.	
4275	289.432	Washington Street	N. 30th	Copper in mon.	
4276	374.331	Washington Street	S. 12th	Surface brass mon. S.	
4277	374.009	Washington Street	S. 12th	Surface brass mon. N.	
4278	379.230	Washington Street	S. 19th	Brass mon.	
4279	252.755	Washington Street	S. 35th	Brass mon.	
4280	258.913	Washington Street	S. 45th	Surface brass mon.	
4281	257.295	Washington Street	S. 47th	Surface brass mon.	
4282	256.226	Washington Street	S. 48th	Surface brass mon.	
4283	254.566	Washington Street	S. 50th	Surface brass mon.	
4284	253.007	Washington Street	S. 52nd	Surface brass mon.	
4285	256.252	Washington Street	S. 54th	Surface brass mon.	
4286	253.630	Washington Street	S. 56th	Surface brass mon.	
4287	260.558	Washington Street	S. Tac. Way	Surface brass mon.	
4288	417.628	West Street	McKinley	Brass mon.	
4289	11.650	Western Slopes Treatment Plant No. 2		Brass mon 218' + NE of SW cor of treatment plant bldg and 7.5' + E. of centerline of E. set of RR tracks	
4290	396.920	Westgate Blvd	Bristol	Brass mon.	
4291	395.357	Westgate Blvd	Defiance	Brass mon.	
4292	397.679	Westgate Blvd	Frace	Brass mon. E.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4293	374.670	Westgate Blvd	Lenore Dr. or N. 17th	Brass mon.	
4294	399.451	Westgate Blvd	Lexington	Brass mon.	
4295	396.004	Westgate Blvd	Mildred	Brass mon.	
4296	385.042	Westgate Blvd	Pearl St.	Brass mon.	
4297	406.064	Westgate Blvd	Vassault	Brass mon.	
4298	396.228	Westgate Blvd	Visscher	Brass mon.	
4299	403.884	Westgate Blvd	Whitman	Brass mon.	
4300	335.094	Westley Drive	Jackson Ave.	Brass mon.	
4301	11.173	Wheatland Street	Ruston Way	Brass mon.	
4302	106.564	White Street	N. 30th	Brass mon.	
4303	256.849	White Street	S. Tac. Way	R/R spk in p.pole #26/4 in front of 2624 S. Tacoma Way	
4304	384.551	Whitman Street	N. 23rd	R/R spk in p.pole #H2 100\`f1 S. of No. 23rd	
4305	338.479	Whitman Street	N. 42nd	R/R spk in p.pole NE cor.	
4306	201.489	Whitman Street	N. 51st	Brass mon.	12/19/1994
4307	337.353	Whitman Street	S. 12th	Brass mon.	
4308	359.618	Whitman Street	Viewridge	R/R spk in tel.pole NW cor.	
4309	403.884	Whitman Street	Westgate Blvd.	Brass mon.	
4310	149.136	Wiley Avenue	E. D St.	X on SE bolt metal light & signal pole W. side St.	
4311	94.736	Wiley Avenue	E. F St. (Approx)	X on bolt SW cor. W. side driveway parking lot G	
4312	100.198	Wiley Avenue	E. L St.	State Hwy mon. copper pin in case, N. mon.	
4313	250.654	Wilkeson Street	Center St.	Brass mon.	
4314	379.680	Wilkeson Street	S. 19th	Brass mon.	
4315	349.228	Wilkeson Street	S. 25th	Brass mon.	
4316	380.671	Wilkeson Street	S. 38th	Brass mon.	
4317	303.976	Wilkeson Street	S. 76th	Plat on. in casting W. side of S. 76th	
4318	305.254	Wilkeson Street	S. 76th	Bras in casting	
4319	296.805	Wilkeson Street	S. 84th	R/R spk in p.pole E. side Robin Hood Apts.	
4320	254.873	Wilkeson Street	S. Tac. Way	R/R spk in p.pole #1720 S. side of intersection	
4321	276.408	Windom Street	Center St.	Brass mon.	
4322	243.680	Windom Street	S. 35th	Brass mon. W. of R/R tracks	
4323	355.370	Winnifred Street	6th Ave.	Brass mon.	
4324	379.961	Winnifred Street	N. 14th	R/R spk in p.pole #041026 S side street	
4325	385.300	Winnifred Street	N. 21st	Brass mon.	
4326	407.488	Winnifred Street	N. 26th	Brass mon.	
4327	419.080	Winnifred Street	N. 26th	X in SW cor. bot. conc. step house #2601 Winnifred	
4328	279.004	Winnifred Street	N. 42nd	Brass mon. in casting	
4329	235.003	Winnifred Street	N. 46th	Brass mon.	
4330	127.194	Winnifred Street	N. 51st	Brass mon. W.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4331	304.430	Winnifred Street	S. 13th	Surface brass mon.	
4332	295.302	Winnifred Street	S. 14th Approx.	Surface brass mon. front of hse #1325 S. Winnifred	
4333	289.135	Winnifred Street	S. 15th	Surface brass mon.	
4334	290.443	Winnifred Street	S. 16th	Surface brass mon.	
4335	294.008	Winnifred Street	S. 17th Approx.	Surface brass mon. in front hse #162 S. Winnifred	
4336	298.919	Winnifred Street	S. 18th	Surface brass mon.	
4337	298.111	Winnifred Street	S. 19th	Brass in casting	
4338	322.501	Woodlawn Street	S. 12th	Surface brass mon.	
4339	293.715	Woodlawn Street	S. 19th	Brass mon.	
4340	288.711	Wright Avenue	E. L St.	R/R spk in p.pole 136' N. of intersection	
4341	56.887	Wright Avenue	E. R St.	R/R spk in p.pole SE cor.	
4342	115.066	Wright Avenue	Grandview	R/R spk in p.pole SW cor.	
4343	113.842	Wright Avenue	Grandview	Brass mon.	
4344	281.235	Wright Avenue	McKinley Ave.	Brass mon. in casting	
4345	81.208	Wright Avenue	Portland	Brass mon.	
4346	107.047	Wright Avenue	Roosevelt	Brass mon.	
4347	314.130	Wright Avenue	Tacoma Ave.	Brass mon.	
4348	314.030	Wright Avenue	Tyler	Surface brass mon.	3/18/1998
4349	230.067	Yakima Avenue	Center St.	Brass mon.	
4350	277.624	Yakima Avenue	Division	Brass mon.	
4351	259.271	Yakima Avenue	N. 10th	Hi lead in mon.	
4352	260.161	Yakima Avenue	N. 11th	Hi lead in mon.	
4353	264.705	Yakima Avenue	N. 12th	Hi lead in mon.	
4354	266.268	Yakima Avenue	N. 13th	Hi lead in mon.	
4355	291.524	Yakima Avenue	N. 2nd	Brass mon.	
4356	305.973	Yakima Avenue	N. 3rd	Brass mon.	
4357	310.453	Yakima Avenue	N. 4th	Hi point inside std. iron mon. not the casting	
4358	306.720	Yakima Avenue	N. 5th	Hi lead in mon.	
4359	294.232	Yakima Avenue	N. 6th	Hi lead in mon.	
4360	270.434	Yakima Avenue	N. 8th	Hi lead in mon.	
4361	260.245	Yakima Avenue	N. 9th	Hi point inside std. iron mon.	
4362	302.893	Yakima Avenue	S. 10th	Brass mon.	
4363	301.424	Yakima Avenue	S. 11th	Brass mon.	
4364	300.202	Yakima Avenue	S. 12th	Brass mon.	
4365	300.263	Yakima Avenue	S. 13th	Brass mon.	
4366	301.902	Yakima Avenue	S. 14th	Brass mon.	
4367	302.601	Yakima Avenue	S. 15th	Brass mon.	
4368	303.434	Yakima Avenue	S. 16th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4369	304.291	Yakima Avenue	S. 17th	Brass mon.	
4370	302.501	Yakima Avenue	S. 18th	Brass mon.	
4371	303.348	Yakima Avenue	S. 19th	Brass mon.	
4372	302.478	Yakima Avenue	S. 21st	Brass mon.	
4373	298.437	Yakima Avenue	S. 23rd	Brass mon.	
4374	296.057	Yakima Avenue	S. 24th	Brass mon. (Add. mon.)	
4375	289.408	Yakima Avenue	S. 25th	Brass mon.	
4376	256.474	Yakima Avenue	S. 27th	Brass mon.	
4377	342.196	Yakima Avenue	S. 38th	Brass mon.	
4378	344.029	Yakima Avenue	S. 39th	Copper in mon.	
4379	345.738	Yakima Avenue	S. 40th	Copper in mon.	
4380	347.827	Yakima Avenue	S. 41st	Copper in mon.	
4381	351.214	Yakima Avenue	S. 43rd	Copper in mon.	
4382	357.484	Yakima Avenue	S. 45th	Copper in mon.	
4383	362.302	Yakima Avenue	S. 46th	Copper in mon.	
4384	368.214	Yakima Avenue	S. 48th	Brass mon. E.	
4385	377.933	Yakima Avenue	S. 50th	Brass mon.	
4386	385.485	Yakima Avenue	S. 52nd	Brass mon.	
4387	391.849	Yakima Avenue	S. 54th	Brass mon.	
4388	387.813	Yakima Avenue	S. 56th	Brass mon.	
4389	387.990	Yakima Avenue	S. 56th	X in SW bolt on light std. NE cor.	
4390	387.403	Yakima Avenue	S. 59th	R/R spk in light pole SE cor.	
4391	387.584	Yakima Avenue	S. 61st	R/R spk in p.pole SE cor.	
4392	382.970	Yakima Avenue	S. 64th	Brass mon.	
4393	383.638	Yakima Avenue	S. 64th	X on SE bolt light std. NW cor.	
4394	385.474	Yakima Avenue	S. 65th	R/R spk in p.pole E. side	
4395	378.156	Yakima Avenue	S. 67th	R/R spk in p.pole SE cor.	
4396	371.585	Yakima Avenue	S. 68th	R/R spk in p.pole NE cor.	
4397	365.144	Yakima Avenue	S. 70th	R/R spk in p.pole NE cor.	
4398	370.214	Yakima Avenue	S. 72nd	Brass mon.	
4399	375.339	Yakima Avenue	S. 76th	Surface brass mon.	
4400	306.614	Yakima Avenue	S. 7th	Brass mon.	
4401	374.089	Yakima Avenue	S. 80th	Surface brass mon.	
4402	365.721	Yakima Avenue	S. 84th	Brass mon.	
4403	307.130	Yakima Avenue	S. 8th	Brass mon.	
4404	334.297	Yakima Avenue	S. 96th	X on SE cor. bot. conc. step house #803 S. 96th	
4405	329.318	Yakima Avenue	S. 96th	X on SE cor. bot. conc. step house #827 S. 96th	
4406	305.681	Yakima Avenue	S. 9th	Brass mon.	

## Vertical Controls

City of Tacoma Vertical Control - NGVD29 Datum					
Benchmark	Elevation	Location	Cross Street	Description	Date
4407	286.360	Yakima Avenue	Summit Road	Brass mon.	
4408	186.183	2nd St South	Stadium Way	3" brass disk in conc. curb on the South end of soldier pile wall, East side of Stadium Way, opposite 207 Broadway(TK) -- Survey Monument #1452	9/3/2013
4409	373.323	Alaska Street	S. 38th	Surface brass mon.	7/9/2004
4410	370.196	Alaska Street	S. 39th	Surface brass mon.	7/9/2004
4411	369.742	Alaska Street	S. 40th	Surface brass mon. (Easterly)	7/9/2004
4412	369.720	Alaska Street	S. 40th	Surface brass mon. (Westerly)	7/9/2004
4413	367.075	Alaska Street	S. 41st	Surface brass mon.	7/9/2004
4414	357.082	Alaska Street	S. 42nd	Surface brass mon.	7/9/2004
4415	342.294	Alaska Street	S. 43rd	Surface brass mon.	7/9/2004
4416	332.419	Alaska Street	S. 44th	Surface brass mon.	7/9/2004
4417	332.497	Alaska Street	S. 45th	Surface brass mon.	7/9/2004
4418	338.511	Alaska Street	S. 46th	Surface brass mon.	7/9/2004
4419	357.398	Alaska Street	S. 48th	Surface brass mon. (Northerly)	7/9/2004
4420	358.053	Alaska Street	S. 48th	Surface brass mon. (Southwesterly)	7/9/2004
4421	358.005	Alaska Street	S. 49th	Surface brass mon. (Southeasterly)	7/9/2004
4422	371.010	Alaska Street	S. 49th	Surface brass mon.	7/9/2004
4423	376.823	Alaska Street	S. 50th	Surface brass mon.	7/9/2004
4424	369.388	Alaska Street	S. 51st	Surface brass mon.	7/9/2004
4425	375.392	Alaska Street	S. 52nd	Surface brass mon.	7/9/2004
4426	377.454	Alaska Street	S. 53rd	Surface brass mon.	7/9/2004
4427	363.778	Alaska Street	S. 54th	Surface brass mon.	7/9/2004
4428	354.287	Alaska Street	S. 55th	Surface brass mon.	7/9/2004
4429	349.730	Alaska Street	S. 56th	Surface brass mon.	10/4/2012
4430	346.969	Alaska Street	S. 57th	Surface brass mon.	10/4/2012
4431	341.449	Alaska Street	S. 58th	Surface brass mon.	10/4/2012
4432	321.202	Alaska Street	S. 60th	Surface brass mon. Intx. Wapato Lake Dr.	10/4/2012
4433	320.806	Alaska Street	S. 60th	Surface brass mon. Opposite Hse. # 6002	10/4/2012
4434	321.481	Alaska Street	S. 60th	Surface brass mon. Intx. Asotin Ct.	10/4/2012
4435	336.663	Alaska Street	S. 60th	Surface brass mon. P.T. Opposite Hse.# 6042	10/4/2012
4436	342.759	Alaska Street	S. 68th	Surface brass mon. Angle Point Opposite Hse. # 6812	10/4/2012
4437	320.272	Alaska Street	S. 72nd	Surface brass mon.	10/4/2012