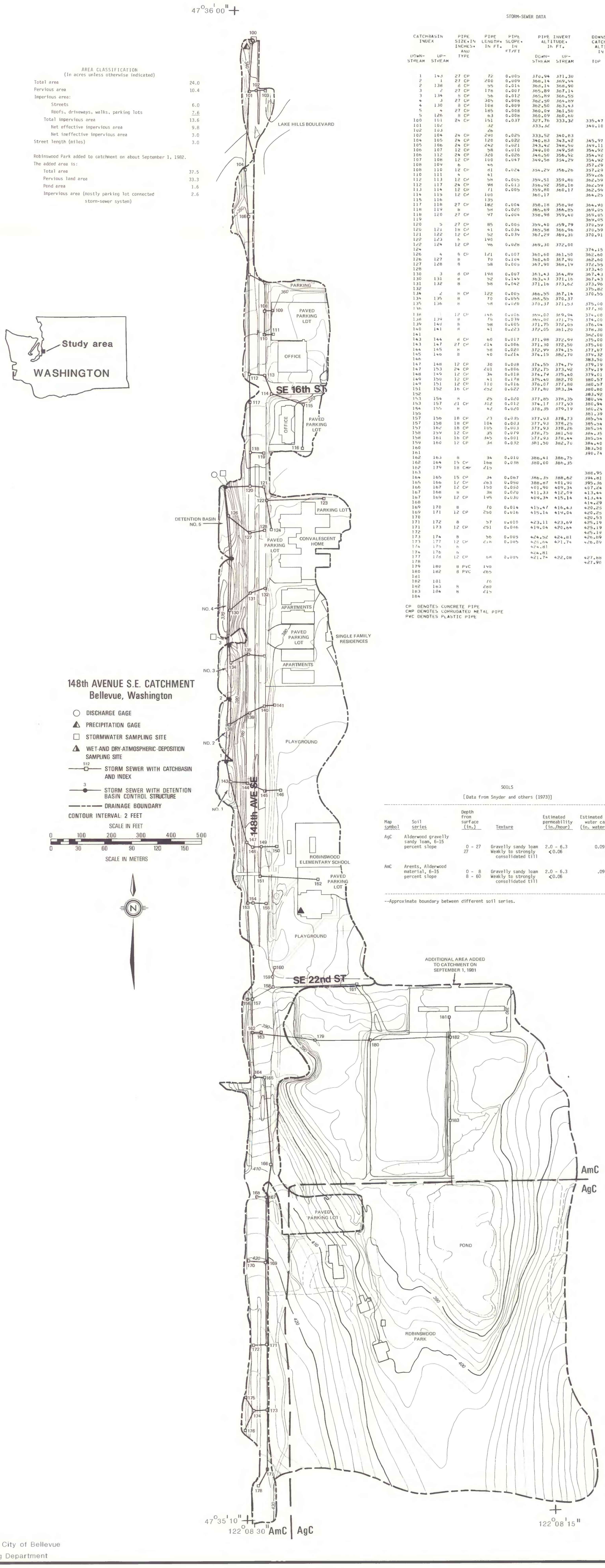

AREA CLASSIFICATION
(In acres unless otherwise indicated)

Total area	24.0
Pervious area	10.4
Impervious area:	
Streets	6.0
Roofs, driveways, walks, parking lots	7.6
Total impervious area	13.6
Net effective impervious area	9.8
Net ineffective impervious area	3.0
Street length (miles)	3.0

Robinswood Park added to catchment on about September 1, 1982.
The added area is:

Total area	37.5
Pervious land area	33.3
Pond area	1.6
Impervious area (mostly parking lot connected storm-sewer system)	2.6

STORM-SEWER DATA

CATCHBASIN INDEX DOWN-STREAM	CATCHBASIN INDEX UP-STREAM	PIPE SIZE, IN INCHES, AND TYPE	PIPE LENGTH, IN FT.	PIPE SLOPE, IN FT/FT	PIPE INVERT ALTITUDE, IN FT. DOWN-STREAM	PIPE INVERT ALTITUDE, IN FT. UP-STREAM	DOWNSTREAM CATCHBASIN ALTITUDE IN FT. TOP	DOWNSTREAM CATCHBASIN ALTITUDE IN FT. BOTTOM
1	143	27 CP	72	0.005	370.94	371.30		
2	1	27 CP	200	0.009	368.14	369.94		
2	136	8 CP	95	0.014	368.14	368.90		
3	2	27 CP	176	0.007	365.89	367.14		
3	134	8 CP	56	0.012	365.89	366.55		
4	3	27 CP	305	0.008	362.56	364.99		
4	130	8 CP	168	0.009	362.56	363.43		
5	4	27 CP	185	0.008	360.09	361.50		
5	126	8 CP	63	0.008	360.09	360.60		
100	101	24 CP	151	0.037	327.76	333.32	335.47	
101	102		32		333.32		340.10	
102	103		60					
102	104	24 CP	290	0.025	333.52	340.83		
104	105	24 CP	120	0.022	340.63	343.42	345.97	
105	106	24 CP	242	0.021	343.42	348.50	349.11	
106	107	12 CP	58	0.010	349.00	349.58	354.92	
106	112	24 CP	320	0.026	349.50	356.92	354.92	
107	108	12 CP	100	0.047	349.58	354.29	354.92	
108	109	6	45				357.29	
108	110	12 CP	61	0.024	354.29	356.26	357.29	
110	111	4	41				359.26	
112	113	12 CP	58	0.005	359.51	359.80	362.59	
112	117	24 CP	98	0.013	358.92	359.18	362.59	
113	114	12 CP	71	0.005	359.80	360.17	362.59	
114	115	12 CP	100		360.17		364.25	
115	116		135					
117	118	27 CP	182	0.004	358.18	358.90	364.90	
118	119	8	58	0.020	358.59	360.85	364.05	
118	120	27 CP	97	0.004	358.98	359.40	364.05	
119							364.05	
120	5	27 CP	85	0.005	359.40	359.79	370.59	
120	121	18 CP	41	0.034	359.58	360.96	370.59	
121	122	12 CP	52	0.039	367.29	369.30	370.91	
122	123	8	140					
122	124	12 CP	96	0.020	369.30	372.00		
124							374.15	
126	4	8 CP	121	0.007	360.60	361.50	362.60	358.89
126	127	8	70	0.104	360.60	367.90	362.60	358.89
127	128	8	58	0.005	367.90	368.19	372.55	
128							373.40	
130	3	8 CP	198	0.007	363.43	364.89	367.43	361.72
130	131	8	52	0.149	363.43	371.16	367.43	361.72
131	132	8	58	0.242	371.16	373.62	373.96	
132							375.82	
134	2	8 CP	122	0.005	366.55	367.14	370.55	364.84
134	135	8	70	0.055	366.55	370.37		
135	136	8	58	0.020	370.37	371.53	375.00	
136							377.30	
138		12 CP	146	0.006	369.03	369.94	374.00	367.29
138	139	8	76	0.039	369.90	371.75	374.00	367.29
139	140	8	58	0.005	371.75	372.05	376.04	
140	141	8	41	0.023	372.05	381.20	376.04	
141							382.00	
143	144	8 CP	80	0.017	371.98	372.89	375.00	369.82
143	147	27 CP	214	0.006	371.30	372.56	375.00	369.82
144	145	8	58	0.020	372.99	374.15	377.67	
145	146	8	40	0.214	374.15	382.70	379.32	
146							383.50	
147	148	12 CP	30	0.008	374.55	374.79	379.19	
147	153	24 CP	201	0.006	372.75	373.92	379.19	
148	149	12 CP	34	0.018	374.79	375.40	379.61	
149	150	12 CP	41	0.178	375.40	382.70	380.57	
149	151	12 CP	110	0.016	375.67	377.80	380.57	
151	152	16 CP	252	0.022	377.80	383.34	380.80	
152							383.92	
153	154	8	25	0.020	377.85	378.35	380.94	
153	157	21 CP	312	0.012	374.17	377.93	380.94	
154	155	8	42	0.020	378.35	379.19	381.24	
155							381.39	
157	156	18 CP	23	0.035	377.93	378.73	385.54	
157	158	18 CP	104	0.003	377.93	378.23	385.54	
157	162	18 CP	105	0.003	377.93	378.28	385.54	
158	159	12 CP	35	0.079	378.75	381.50	384.35	
158	161	18 CP	145	0.001	377.93	378.44	385.54	
159	160	12 CP	34	0.032	381.50	382.70	384.40	
160							385.50	
161							386.74	
162	163	8	34	0.010	386.41	386.75		
162	164	15 CP	188	0.038	388.00	386.35		
162	179	18 CMP	215					
163							388.95	
164	165	15 CP	34	0.067	386.35	388.62	394.81	
165	166	12 CP	203	0.090	388.87	401.90	395.36	
166	167	12 CP	150	0.090	401.90	409.34	407.24	
167	168	8	36	0.000	411.33	412.09	413.44	
167	169	12 CP	148	0.030	409.34	415.14	413.44	
168							414.09	
169	170	8	70	0.014	415.47	416.43	420.25	
169	171	12 CP	250	0.016	415.14	419.04	420.25	
170							420.53	
171	172	8	57	0.010	423.11	423.69	425.19	
171	173	12 CP	251	0.006	419.04	420.64	425.19	
172							425.19	
173	174	8	56	0.005	424.32	424.81	429.89	
173	177	12 CP	218	0.005	420.64	421.74	429.89	
174	175	8			424.81			
174	176	8			424.81			
177	178	12 CP	58	0.005	421.74	422.08	427.88	
178							427.90	
179	180	8 PVC	149					
180	182	8 PVC	265					
181								
182	181		76					
182	183	8	260					
183	184	8	215					
184								

CP DENOTES CONCRETE PIPE
CMP DENOTES CORRUGATED METAL PIPE
PVC DENOTES PLASTIC PIPE

SOILS

[Data from Snyder and others (1973)]

Map symbol	Soil series	Depth from surface (in.)	Texture	Estimated permeability (in./hour)	Estimated available water capacity (in. water/in. soil)
AgC	Alderwood gravelly sandy loam, 6-15 percent slope	0 - 27	Gravelly sandy loam	2.0 - 6.3	0.09 - 0.11
		27	Weakly to strongly consolidated till	<0.06	--
AmC	Arents, Alderwood material, 6-15 percent slope	0 - 8	Gravelly sandy loam	2.0 - 6.3	.09 - .11
		8 - 60	Weakly to strongly consolidated till	<0.06	--

--Approximate boundary between different soil series.

Base from City of Bellevue
Engineering Department

PLATE 3.--148TH AVENUE S.E. CATCHMENT.