

NE PARK AND NE 2ND STREET WATERSHED CHARACTERISTICS

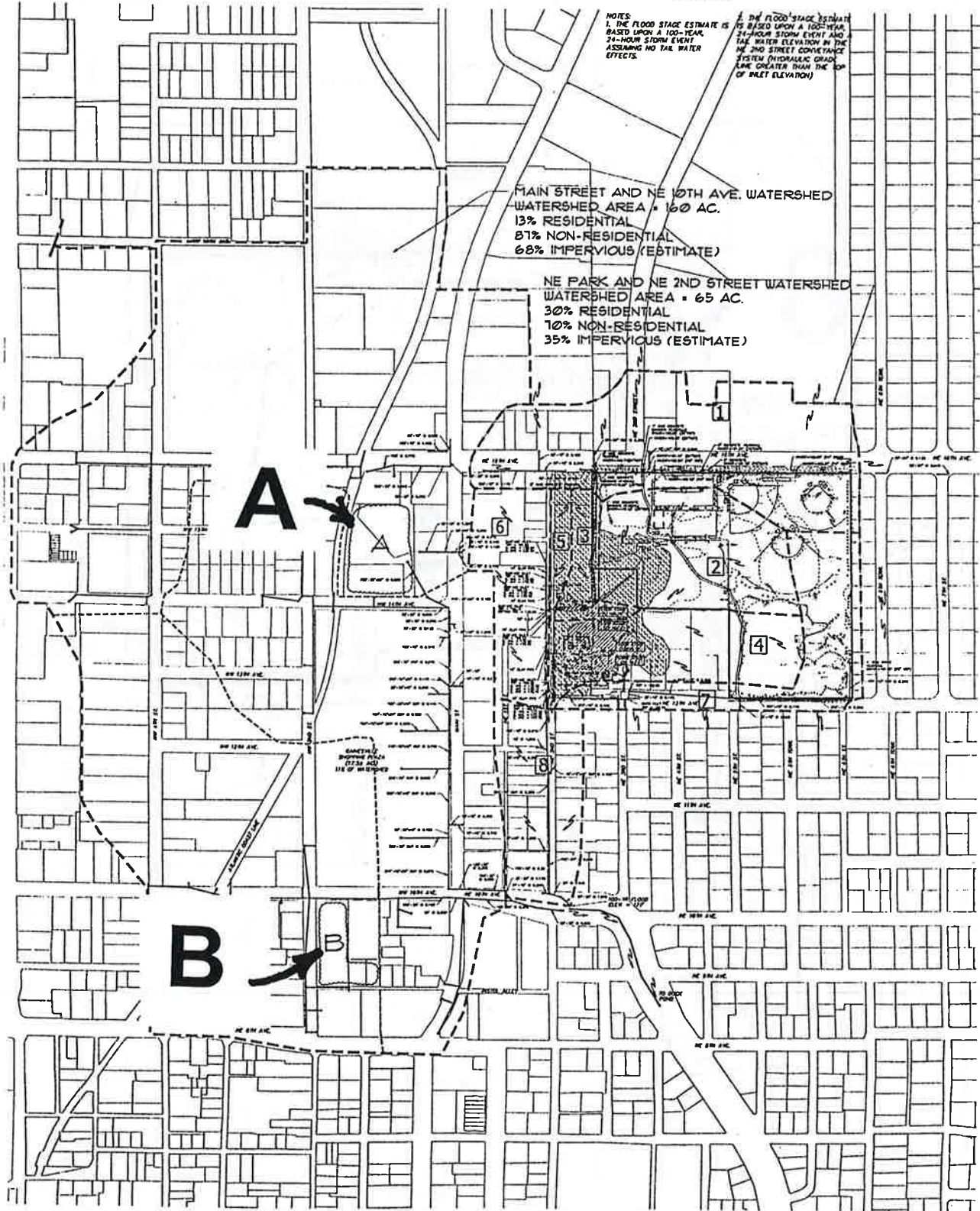
Causseaux & Ellington, Inc.
 Engineering • Surveying • Planning
 8011 NW 1st Place, Gainesville, Florida 32607
 Phone (352) 331-1178 Fax (352) 331-3726 info@causseaux.com

ID	AREAS (ACRES)	% IMPERVIOUS	SOL TYPE	CN	$T_p(h=10)$ (hr)	Q_{10} (cfs)	Q_{25} (cfs)	Q_{50} (cfs)	Q_{100} (cfs)	V_1 (cu ft)	V_{10} (cu ft)	V_{25} (cu ft)	V_{100} (cu ft)	WQV 1" RUNOFF
1	19.75	44	B/D	91	40	10.1	13.8	15.2	19.8	353,368	450,104	540,903	711,051	71,892 C.F.
2	10.80	14	B/D	87	30	5.3	7.4	8.2	10.7	173,940	245,154	272,156	362,796	38,478 C.F.
3	2.39	32.74	B/D	86	20	1.2	16.6	1.7	22.9	38,710	54,740	60,818	81,234	8,676 C.F.
4	8.62	41.36	B/D	87	47	4.1	20.7	5.7	28.6	142,365	200,338	222,304	296,050	31,290 C.F.
5	1.38	28	B/D	89	20	0.7	20.7	1.0	41.3	23,672	33,003	36,535	48,376	5,010 C.F.
6	8.86	87	B/D	96	35	3.8	5.1	5.8	7.2	139,178	186,819	204,716	264,445	24,902 C.F.
7	8.42	37	B/D	90	60	4.0	5.5	6.1	7.9	148,458	205,832	227,238	299,852	30,565 C.F.
8	7.00	39	B/D	90	33	3.6	5.0	5.5	7.2	124,165	171,740	189,715	249,948	25,410 C.F.
9	65.02					32.8	45.2	49.9	65.1	1,146,056	1,487,530	1,754,385	2,313,550	236,023 C.F. OR 5.42 ACRE-FT

NE PARK TASK FORCE STUDY
 NE PARK VICINITY DRAINAGE MAP
 DATE: MAY 23, 2001



SCALE: 1" = 200'



NOTES:
 1. THE FLOOD STAGE ESTIMATE IS BASED UPON A 100-YEAR, 24-HOUR STORM EVENT ASSUMING NO TIDE WATER EFFECTS.
 2. THE FLOOD STAGE ESTIMATE IS BASED UPON A 100-YEAR, 24-HOUR STORM EVENT AND THE WATER ELEVATION IN THE NE PARK VICINITY DRAINAGE SYSTEM (HYDRAULIC GRADE LINE GREATER THAN THE TOP OF INLET ELEVATION)

MAIN STREET AND NE 10TH AVE. WATERSHED
 WATERSHED AREA = 160 AC.
 13% RESIDENTIAL
 87% NON-RESIDENTIAL
 68% IMPERVIOUS (ESTIMATE)

NE PARK AND NE 2ND STREET WATERSHED
 WATERSHED AREA = 65 AC.
 30% RESIDENTIAL
 70% NON-RESIDENTIAL
 35% IMPERVIOUS (ESTIMATE)

MAIN STREET AND NE 10TH AVENUE WATERSHED

ID	WATERSHED AREAS (ACRES)	SITE DESCRIPTION	PARCEL SIZE (ACRES)	WQV 1" RUNOFF	REQUIRED DEPTH FOR WQV
A	68.10	VACANT/WOODED WITH RC TRACK SOUTH SIDE	3.1	3.7 AC. FT.	1.9 FT.
B	45.70	VACANT/WOODED WITH ONE SINGLE-FAMILY RESIDENCE	1.8	3.8 AC. FT.	2.1 FT.

Crousseau & Ellington, Inc.
Engineering • Surveying • Planning
201 W. 1st Ave., Suite 200, Portland, OR 97201
503.241.1111

NE PARK TASK FORCE STUDY
NE PARK VICINITY DRAINAGE MAP
AND SMF LOCATION EVALUATION

DATE: MAY 29, 2001

SMF OPTION 2



SCALE: 1" = 100'

