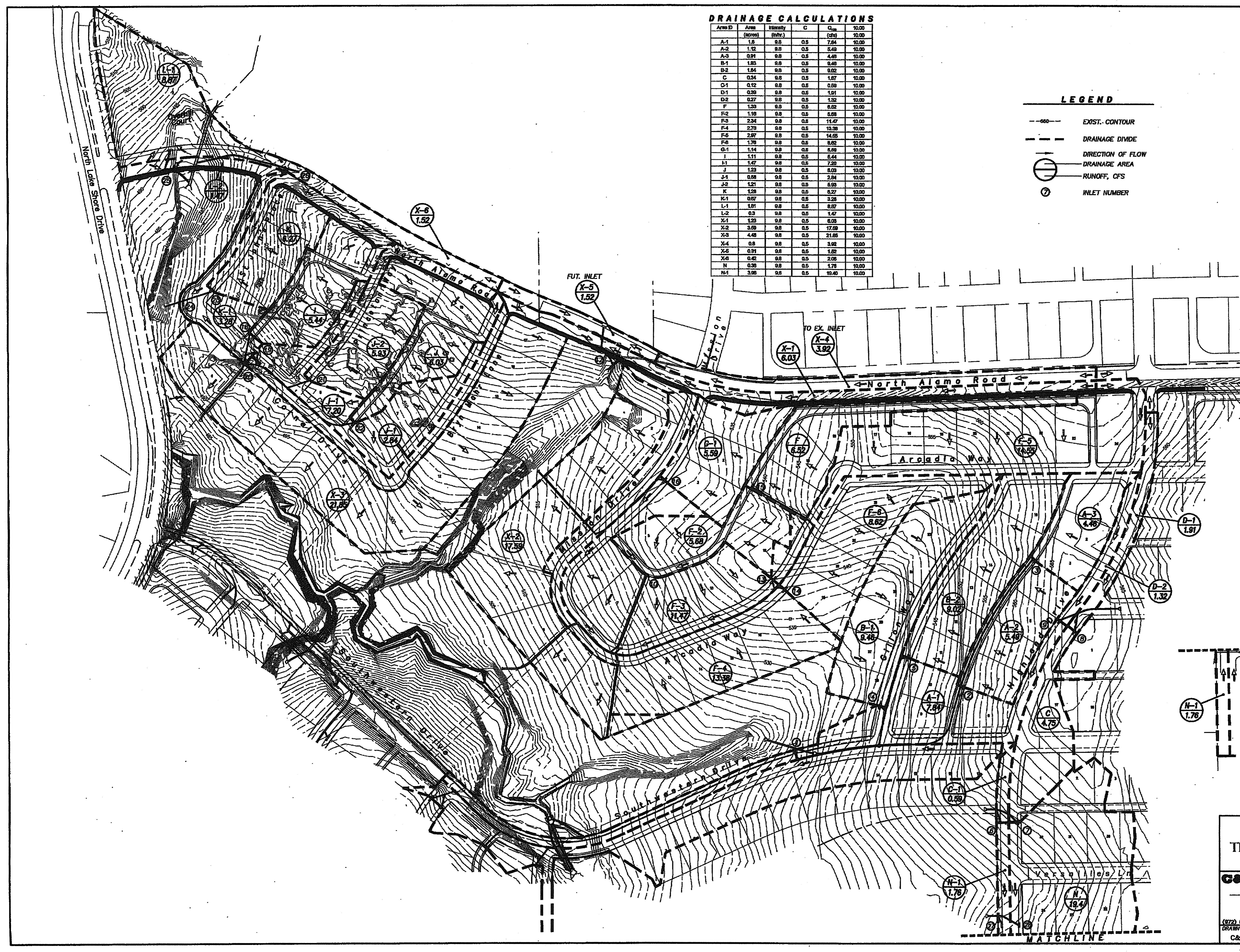


**DRAINAGE CALCULATIONS**

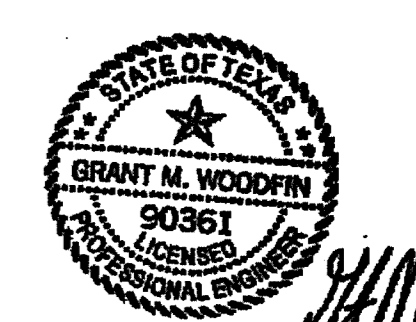
Area ID	Area (acres)	Intensity (in/hr)	C	Q <sub>max</sub> (cfs)	Q <sub>10.00</sub>
A-1	1.5	0.5	0.5	7.54	10.00
A-2	1.12	0.5	0.5	5.48	10.00
A-3	0.91	0.5	0.5	4.48	10.00
B-1	1.83	0.5	0.5	9.48	10.00
B-2	1.84	0.5	0.5	9.02	10.00
C	0.34	0.5	0.5	1.87	10.00
C-1	0.12	0.5	0.5	0.58	10.00
D-1	0.39	0.5	0.5	1.91	10.00
D-2	0.27	0.5	0.5	1.32	10.00
F	1.33	0.5	0.5	6.82	10.00
F-2	1.10	0.5	0.5	5.88	10.00
F-3	2.34	0.5	0.5	11.47	10.00
F-4	2.73	0.5	0.5	13.28	10.00
F-5	2.97	0.5	0.5	14.58	10.00
F-6	1.78	0.5	0.5	8.82	10.00
G-1	1.14	0.5	0.5	5.89	10.00
I	1.11	0.5	0.5	5.44	10.00
I-1	1.47	0.5	0.5	7.28	10.00
J	1.23	0.5	0.5	6.03	10.00
J-1	0.68	0.5	0.5	2.84	10.00
J-2	1.21	0.5	0.5	5.93	10.00
K	1.28	0.5	0.5	6.27	10.00
K-1	0.97	0.5	0.5	4.28	10.00
L-1	1.81	0.5	0.5	8.97	10.00
L-2	0.3	0.5	0.5	1.47	10.00
X-1	1.23	0.5	0.5	6.03	10.00
X-2	3.59	0.5	0.5	17.99	10.00
X-3	4.48	0.5	0.5	21.88	10.00
X-4	0.8	0.5	0.5	3.92	10.00
X-5	0.31	0.5	0.5	1.52	10.00
X-6	0.42	0.5	0.5	2.08	10.00
N	0.39	0.5	0.5	1.78	10.00
N-1	3.98	0.5	0.5	19.40	10.00

**LEGEND**

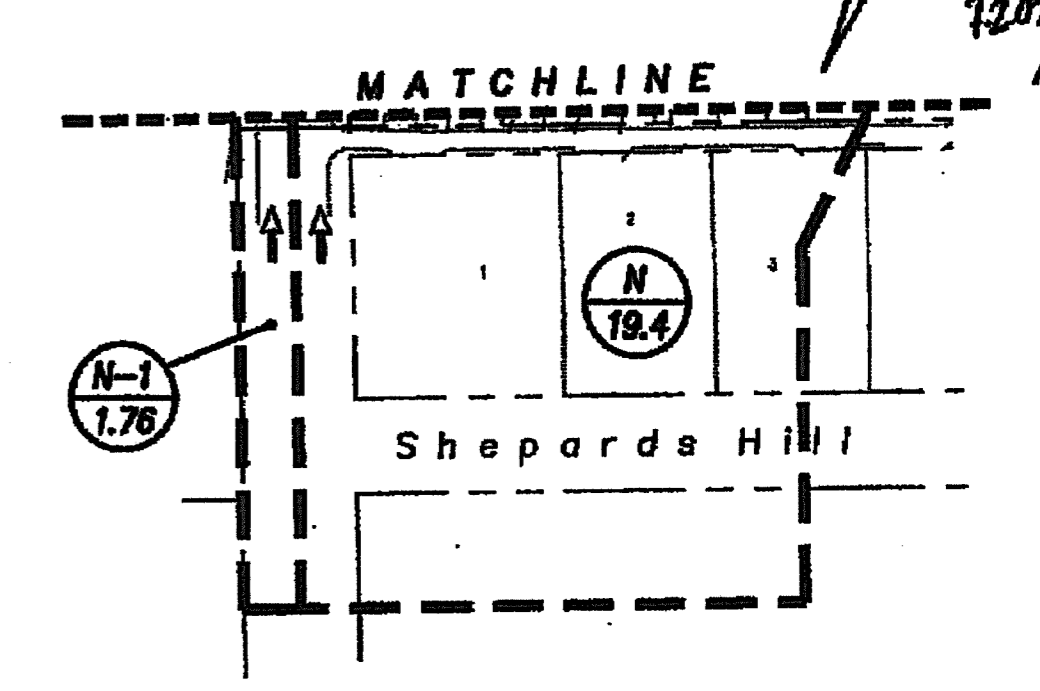
- EXIST. CONTOUR
- - - DRAINAGE DIVIDE
- DIRECTION OF FLOW
- DRAINAGE AREA
- RUNOFF, CFS
- ⑦ INLET NUMBER



"AS BUILTS"  
Information shown on these plans was furnished by the Contractor. All responsibility for the accuracy belongs to the Contractor.



*Handwritten signature and date: 12/01*



**DRAINAGE AREA MAP**  
**THE PRESERVE - PHASE 3**  
**CITY OF ROCKWALL, TEXAS**  
**C&P Engineering, LTD.**  
 Engineering • Planning • Surveying  
 1601 GATEWAY BLVD. - SUITE 101  
 RICHARDSON, TEXAS 75080  
 email: info@c-pengineering.com  
 (972) 644-2800 OFF. (972) 644-2817 FAX  
 DRAWN BY: DATE: SCALE: JOB NUMBER: SHEET: 05110-DAM  
 C&P 12/05 1"=100'-H 05110 23 of