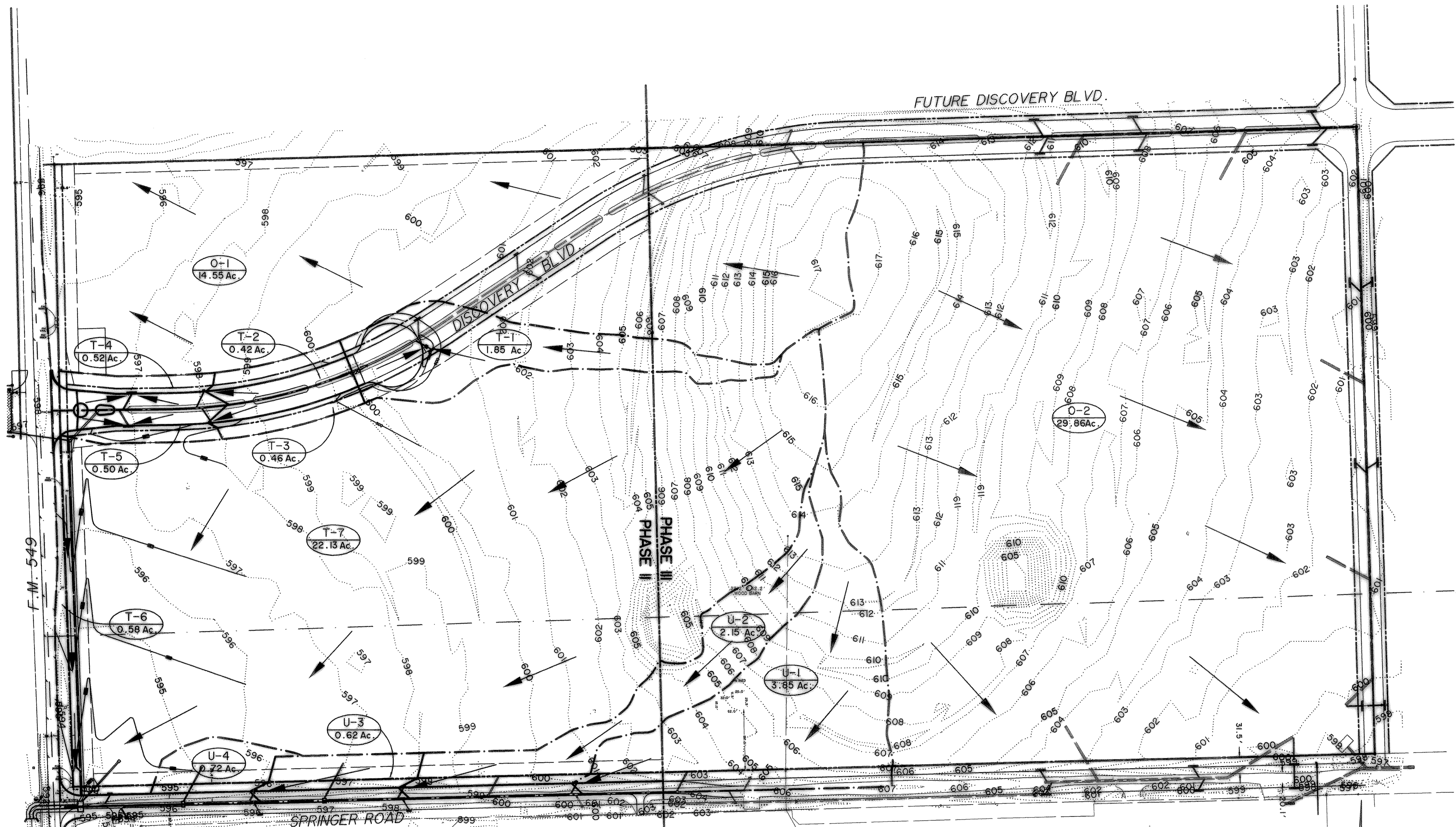


TIME 8:54 FILE: DAMAPT.dwg



**RECORD
DRAWING**
08/04/06

LEGEND

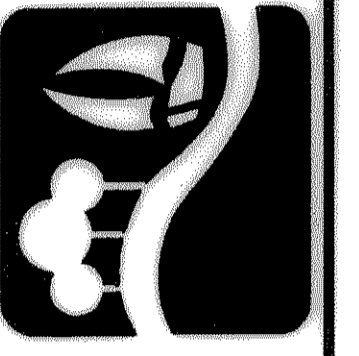
- DRAINAGE AREA DIVIDE
- PROPOSED INLET
- PROP. STORMDRAIN
- PROP. FIELD INLET
- FUTURE INLET
- FUTURE STORMDRAIN

DRAINAGE AREA CALCULATIONS - TEMPORARY CONDITIONS

AREA DESIGNATION	AREA (ACRES)	'C' FACTOR	CxA	TIME OF CONC. (MINUTES)	I ₂ (IN/HR)	I ₁₀₀ (IN/HR)	Q ₂ (CFS)	Q ₁₀₀ (CFS)	REMARKS
O-1	14.55	0.35	5.09	20.0	4.0	8.3	20.4	42.3	
O-2	29.86	0.35	10.45	25.0	3.6	7.6	37.6	79.4	
T-1	1.85	0.50	0.93	10.0	5.2	9.8	4.8	9.1	
T-2	0.42	0.90	0.38	10.0	5.2	9.8	2.0	3.7	
T-3	0.46	0.90	0.41	10.0	5.2	9.8	2.1	4.1	
T-4	0.52	0.90	0.47	10.0	5.2	9.8	2.4	4.6	
T-5	0.50	0.90	0.45	10.0	5.2	9.8	2.3	4.4	
T-6	0.58	1.00	0.58	10.0	5.2	9.8	3.0	5.7	
T-7	22.13	0.35	7.75	25.0	3.6	7.6	27.9	58.9	
U-1	3.85	0.55	2.12	15.0	4.5	9.0	9.5	19.1	
U-2	2.15	0.55	1.18	15.0	4.5	9.0	5.3	10.6	
U-3	0.62	0.90	0.56	10.0	5.2	9.8	2.9	5.5	
U-4	0.72	0.75	0.54	10.0	5.2	9.8	2.8	5.3	

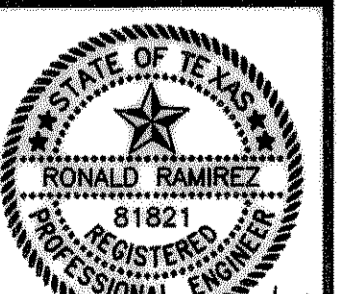


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**ROCKWALL
TECHNOLOGY
PARK
PHASE II**

**TEMPORARY
CONDITIONS
DRAINAGE AREA
MAP**



Ronald Ramirez
8/24/06

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D002**