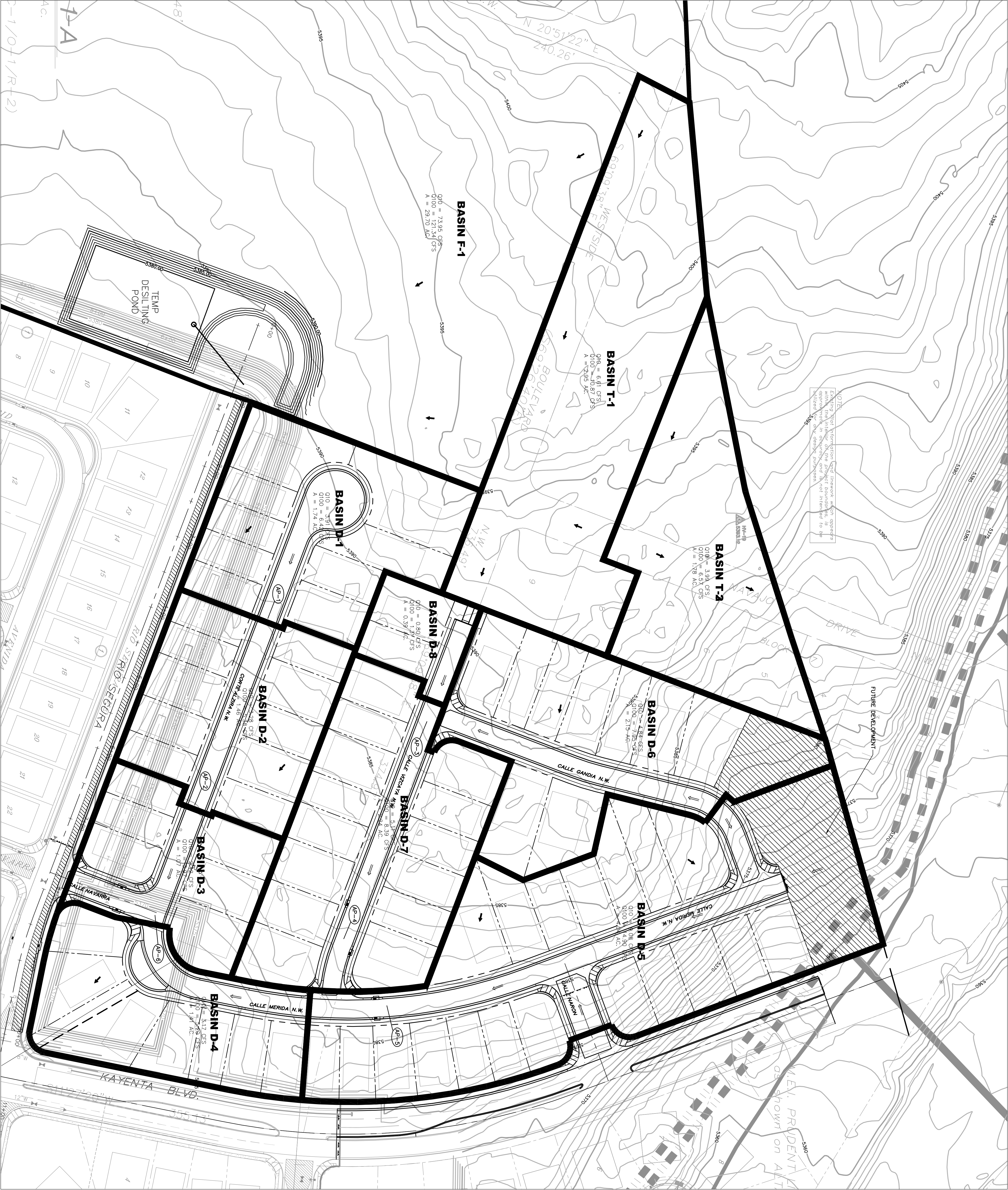


LEGEND

- DRAINAGE FLOW ARROW
- ⇒ FUTURE FLOW ARROW
- ⋈ HIGH POINT
- ⊙(AP-9) HYDRAULIC ANALYSIS POINT

HYDROLOGIC DATA - DEVELOPED

BASIN	AREA (acres)	LAND TREATMENT				YIELD (lb/acre)	Q ₁₀₀ (cfs)	V ₁₀₀₋₂₄ (hr-ft)
		A	B	C	D			
D-1	1.74	0	10	30	60	3.69	6.42	0.22
D-2	1.46	0	10	30	60	3.69	5.38	0.19
D-3	1.07	0	10	30	60	3.71	3.97	0.14
D-4	1.41	0	10	30	60	3.69	5.20	0.18
D-5	4.04	0	10	30	60	3.69	14.90	0.52
D-6	2.15	0	10	30	60	3.69	7.95	0.28
D-7	2.24	0	10	30	60	3.69	8.39	0.29
D-8	0.39	0	10	30	60	3.36	1.31	0.05
T-1	2.95	0	10	30	60	3.69	10.67	0.37
T-2	1.78	0	10	30	60	3.69	6.57	0.22

STREET HYDRAULIC DATA

AP	θ (deg)	S ₁₀₀ (ft)	Q ₁₀₀ (cfs)	Q ₁₀₀ (cfs)	D ₁₀₀ (ft)	V ₁₀₀ (ft/sec)	D ₁₀₀ (ft)	V ₁₀₀ (ft)
AP-1	-	0.68	6.42	-	0.34	1.87	0.64	0.38
AP-2	-	1.80	11.80	-	0.36	2.99	1.07	0.47
AP-3	-	0.61	10.99	-	0.40	2.15	0.86	0.46
AP-4	1A & 1B	0.61	28.52	28.52	0.00	0.54	3.14	1.69
AP-5	1A & 2B	0.65	14.90	14.90	0.00	0.44	2.47	1.09
AP-6	3A & 3B	2.02	20.97	20.97	0.00	0.41	3.99	1.64

$$V_2 = \left[\frac{V_1^2}{29} \right] \times 0.8 + D_{100}$$

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SEVILLE SUBDIVISION
UNIT 7

BASIN BOUNDARY MAP
DEVELOPED CONDITIONS

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

JRW

WCEA NO. X2218030

DATE JULY 2003

DRAWN

JRW

PROJECT NO. N/A

SHEET NO. 1 OF 1

CHECK

DSA

PLATE 2B