SEWER PROFILES
ROYALLSPRINGS
APRIL 1992 91-3391

SCALE:
1"=50' HORIZ.
1"=10' VERT.

FINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS, CHECKED, NO.

ORIGINAL SURVEY — DATE, BY, SURVEYED, PLOTTED, NOTE BOOK, TEMPLATE, AREAS, CHECKED, NO.

EP 161 · EA 162 · PES 163 · SMH 164 · CI 165 · CI 166 · AI 167 · AI 168 · CI 169 · CI 170 · SMH 171 · AI 172 · AI 173 · AI 174 · AI 175 · AI 176 · AI 177 · CI 178 · EP 179 · OS 180 · PES 181 · CI 182 · CI 183 · AI 184 · AI 185 · CI 186 · CI 187

TOP= 544.0 — 8"PVC SANITARY SEWER E=533.90 — PROPOSED GRADE — EXISTING GROUND — 8"W. CONCRETE SWALE — 3' CONCRETE CUTOFF WALL — 10'x10'(R) RIP RAP — E=509.90 — E=508.90 — DOUBLE - 45°-18"CP @ 0.011'/Ft.

TOP= 549.25 — E=545.81 — E=537.83

TOP= 544.0 — DETENTION BASIN "C" TOP BERM = 528.1 25 YR. H.W.= 511.70 100 YR. H.W.= 512.06 — 72"x 58" SPAN ARCH CMP @ 2.2% — TOP= 546.0

TOP= 544.9 — TOP= 512.0 — 8"PVC SANITARY SEWER E=306.91 — 4'W. CONCRETE SWALE — 3' CONCRETE CUTOFF WALL — E=509.09 — E=509.85 — E=509.75 — E=510.37 — 20'x 1' CONCRETE EASEMENT — 109.79'~ 30" RCP @ 0.005'/Ft. — 50'7.61 — 19.82'~ 30" RCP @ 0.031'/Ft.

TOP= 545.25 — TOP= 517.08 — E=510.91 — E=511.11 — 4' W. CONCRETE SWALE — 34'~ 30" RCP @ 0.001'/Ft.

TOP= 545.0 — E=523.58 — E=523.68 — 92.77'~ 30" RCP @ 0.025'/Ft.

TOP= 542.7 — E=516.83 — E=517.03 — 32.02'~ 24" RCP @ 0.10'/Ft.

8"PVC SANITARY SEWER E=519.23 — 4' ROYALLSPRINGS PKWY. — TOP= 529.34 — E=522.90 — E=522.70 — 108.89'~ 24" RCP @ 0.052'/Ft. — 34'~ 24" RCP @ 0.02'/Ft.

TOP= 530.0 — E=524.35 — E=524.45 — 24.84'~ 24" RCP @ 0.02'/Ft.

TOP= 531.2 — E=525.62 — E=525.82 — 74.66'~ 24" RCP @ 0.016'/Ft.

TOP= 544.0 — E=537.03 — E=537.83 — 178.90'~ 21" CP @ 0.065'/Ft. — 51.78'~ 21" CP @ 0.02'/Ft.

TOP= 548.3 — E=538.67 — E=538.87 — 125.12'~ 18" CP @ 0.02'/Ft.

TOP= 548.2 — E=541.37

TOP= 531.2 — E=525.60 — E=525.80

TOP= 547.7 — E=536.03 — 146.12'~ 12" CP @ 0.07'/Ft.

TOP= 544.0 — 8"PVC SANITARY SEWER E=533.90 — E=537.49 — E=537.69 — 129.50'~ 12" CP @ 0.05'/Ft.

TOP= 544.9 — E=538.67 — E=538.87 — 112.94'~ 12" CP @ 0.01'/Ft.

TOP= 545.25 — E=540.00

TOP= 537.75 — SWET= 527.80 — DETENTION BASIN "D" TOP BERM = 544.5 25 YR. H.W.= 534.72 100 YR. H.W.= 535.30 — TOP BERM= 534.80 — E=529.77 — E=529.97 — 82.75'~ 15" CP @ 0.01'/Ft.

NOTE: OUTLET PIPE STD. AREA INLET W/ 1-SIDE OPENING ONLY W/ 7"H. OPENING SLOT @ 120 LOW ROW ELEV. = 529.30

TOP= 545.55 — E=509.99 — E=510.19 — 133.96'~ 15" CP @ 0.04'/Ft.

TOP= 544.23 — 8"PVC SANITARY SEWER E=514.23 — E=514.43 — 312.96'~ 15" RCP @ 0.0285'/Ft.

TOP= 529.73 — 8"PVC SANITARY SEWER E=519.78 — E=519.98 — 54.24'~ 15" CP @ 0.01'/Ft.

TOP= 534.20 — E=528.46 — E=528.66 — 34'~ 15" RCP @ 0.01'/Ft.

TOP= 534.20 — E=529.00 — E=529.20

TOP= 545.55 — E=535.54 — E=535.74 — 83.07'~ 15" RCP @ 0.013'/Ft.

TOP= 532.69 — E=527.04

EXISTING GROUND — PROPOSED GRADE — 6' ROYALLTRAIL LANE — 8"PVC SANITARY SEWER — 4' ROYALLSPRINGS PKWY. — 4' W. CONCRETE SWALE — 3' CONCRETE CUTOFF WALL — 10'x 20' RIP RAP — 4' W. CONCRETE SWALE — 3' CONCRETE CUTOFF WALL — 8"PVC SANITARY SEWER — 6' ROYALLTRAIL LANE — GRANULAR BULK (TYP.) — 4' W. CONCRETE SWALE — 3' CONCRETE CUTOFF WALL — 8"PVC SANITARY SEWER — 6' ROYALLTRAIL LANE

17/25