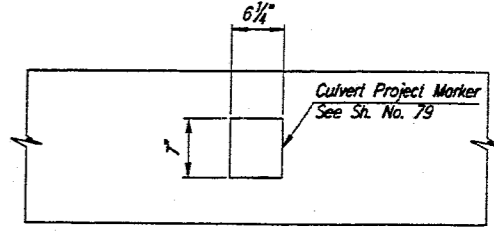
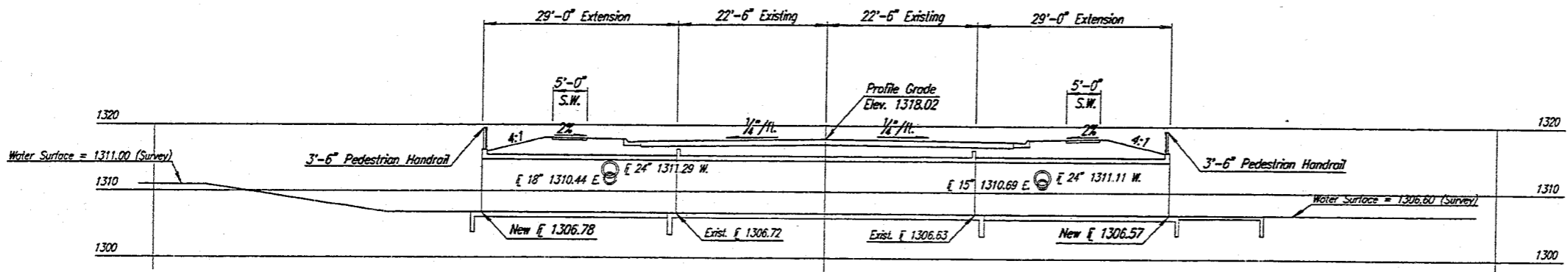


PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-36	2003	75	162

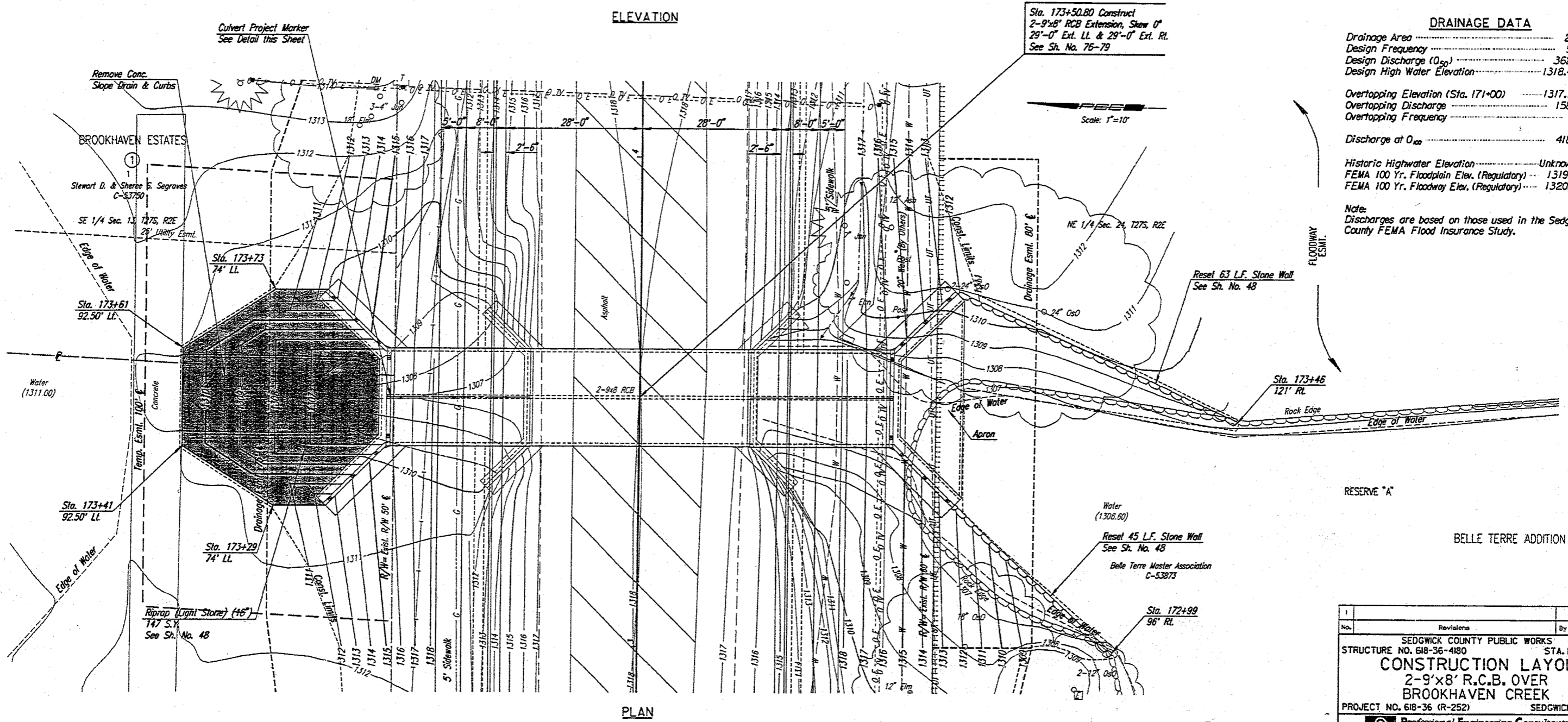


CULVERT PROJECT MARKER
(Center of Hubguard Face)

DRAINAGE DATA

Drainage Area	2.0 Sq. Mi.
Design Frequency	50 Yr.
Design Discharge (Q ₅₀)	3620 CFS
Design High Water Elevation	1318.47 Ft.
Overlapping Elevation (Sta. 171+00)	1317.15 Ft.
Overlapping Discharge	1580 CFS
Overlapping Frequency	4 Yr.
Discharge at Q ₁₀₀	4180 CFS
Historic Highwater Elevation	Unknown Ft.
FEMA 100 Yr. Floodplain Elev. (Regulatory)	1319.3 Ft.
FEMA 100 Yr. Floodway Elev. (Regulatory)	1320.3 Ft.

Note:
Discharges are based on those used in the Sedgwick County FEMA Flood Insurance Study.



B.M. #104 - Chis. "a" E.N. end Median on Belle Terre 60 1/2 S. Central Ave. (9' RL. E Belle Terre Sta. 5+62) Elev. = 1318.39

B.M. #106 - R.R. Spike N. face Light Pole at N.E. Cor. Central Ave. & Brookhaven (45' LL. E Central Ave. Sta. 176+26) Elev. = 1318.10

No.	Revisions	By	Date

SEDGWICK COUNTY PUBLIC WORKS
STRUCTURE NO. 618-36-4180 STA. 173+50.80
CONSTRUCTION LAYOUT
2-9'x8' R.C.B. OVER
BROOKHAVEN CREEK
PROJECT NO. 618-36 (R-252) SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
300 S. TOPSKA • WICHITA, KAN. 67202
316-262-2691 • FAX 316-262-3003

Designed by RAS
Checked by RWA
Drawn by RAS
Date April 2003
Job No. 99303