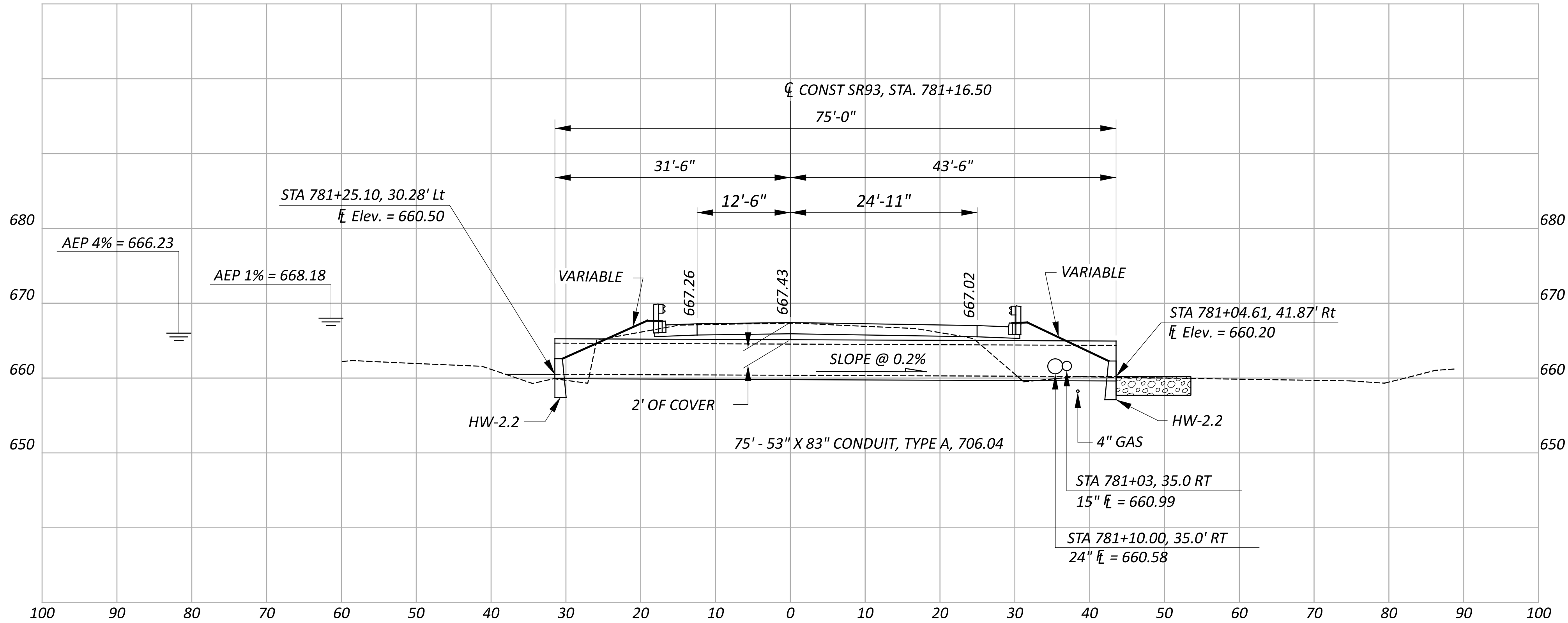
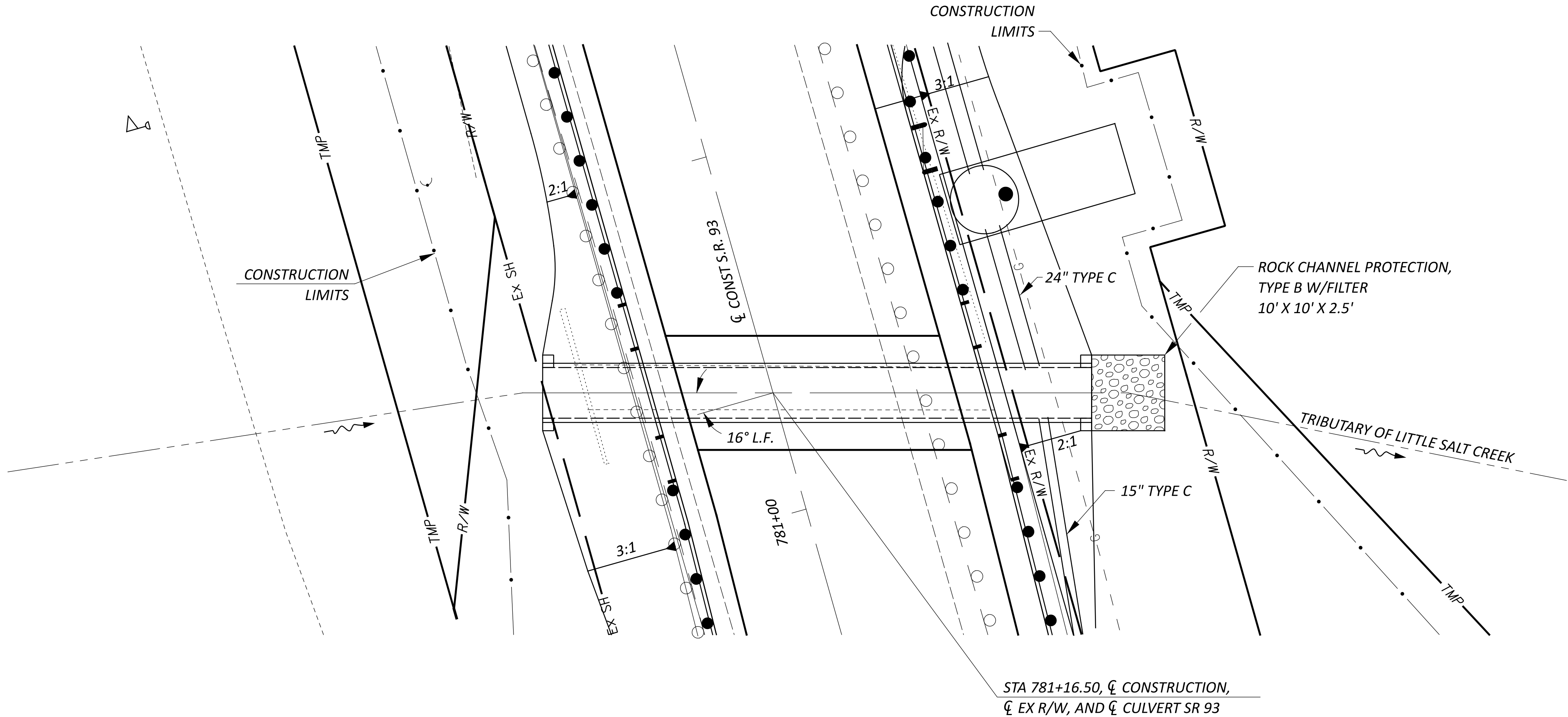


ESTIMATED QUANTITIES

ITEM	QUANTITY	UNIT	DESCRIPTION
601	9	CY	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER
602	3.3	CY	CONCRETE MASONRY
611	75	FT	53" X 83" CONDUIT, TYPE A, 706.04

QUANTITIES CARRIED TO GENERAL SUMMARY

HYDRAULIC DATA

DRAINAGE AREA = 344 ACRES

Q (4%) = 230 CFS V (4%) = 11 FT/S AEP (4%) = 666.24 FT

Q (1%) = 325 CFS V (1%) = 13 FT/S AEP (1%) = 668.81 FT

ORDINARY HIGH WATER MARK: 661.0 FT

DESIGN SERVICE LIFE: 75 YRS

pH: 6.8

ABRASION LEVEL: 4

CFN: 1234567

EXISTING STRUCTURE

TYPE: 48" AND 54" CORRUGATED METAL PIPES

SKEW: 16° L.F.

ALIGNMENT: TANGENT

CFN: 7654321

PROPOSED STRUCTURE

TYPE: 53" X 83" ELLIPTICAL CONCRETE PIPE

SKEW: 16° L.F.

ALIGNMENT: TANGENT

CFN: 1234567

CULVERT DETAIL
STA 781+16.50

DESIGN AGENCY



DESIGNER

MRV

REVIEWER

MLC 01/17/25

PROJECT ID

131207

SHEET

P.87

TOTAL

126