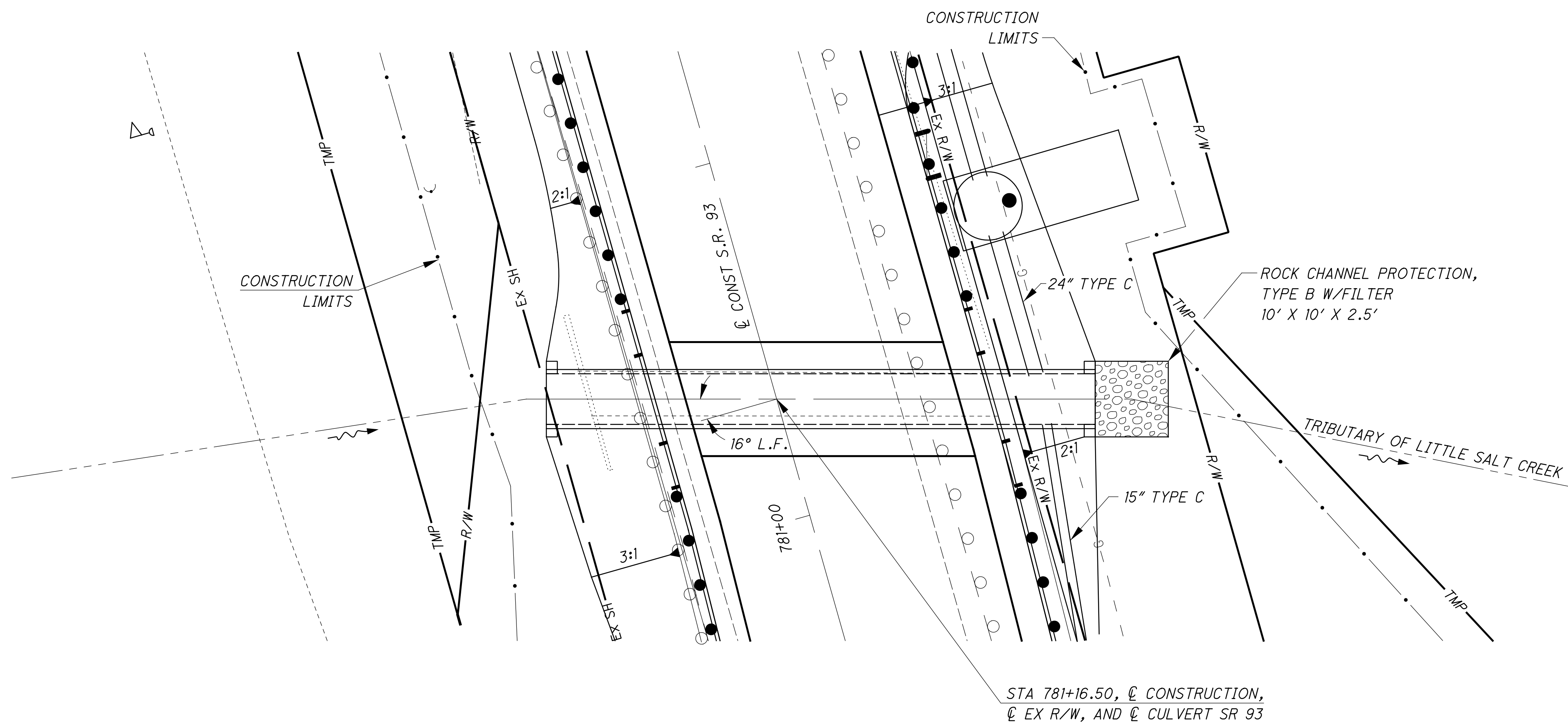


0 5 10 20
HORIZONTAL
SCALE IN FEET



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

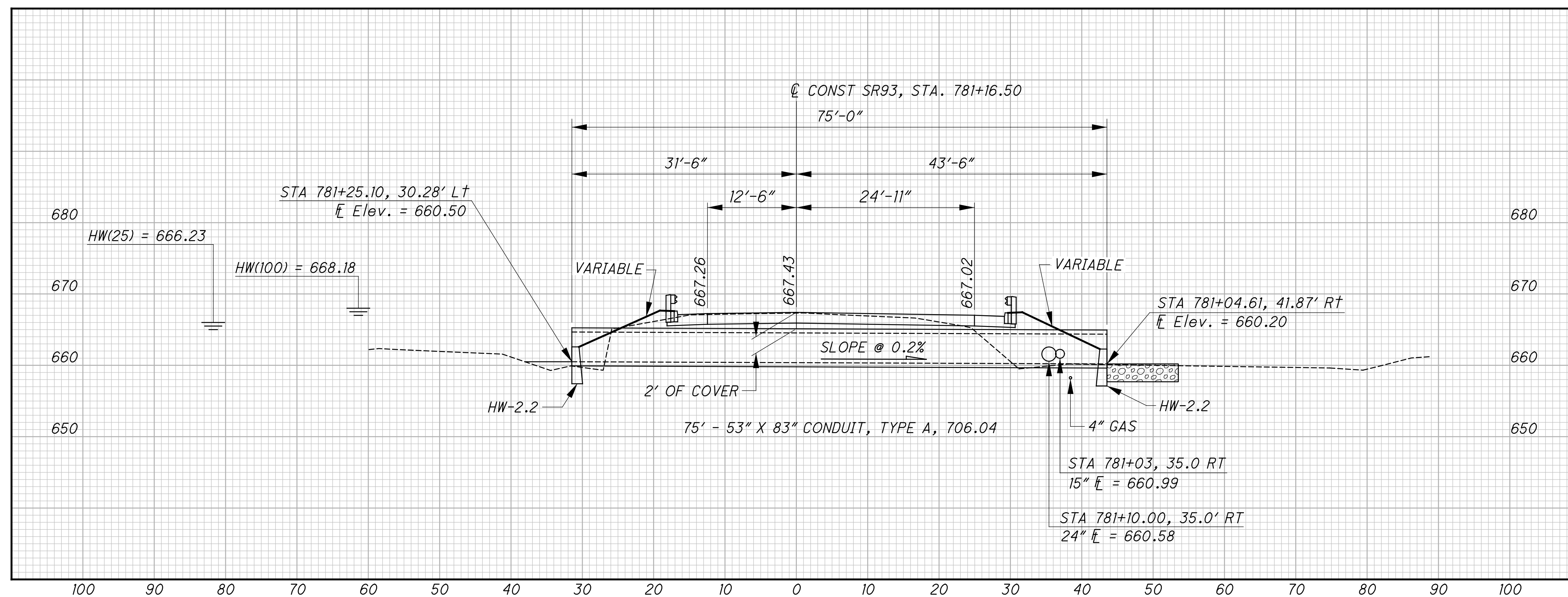
DRAINAGE AREA = 344 ACRES
 Q (25) = 230 CFS V (25) = 11 FT/S HW (25) = 666.24 FT
 Q (100) = 325 CFS V (100) = 13 FT/S HW (100) = 668.81 FT
 ORDINARY HIGH WATER MARK: 661.0 FT
 DESIGN SERVICE LIFE: 75 YRS
 pH: 6.8
 ABRASION LEVEL: 4
 CFN: 1234567

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

JAC-93-14.35