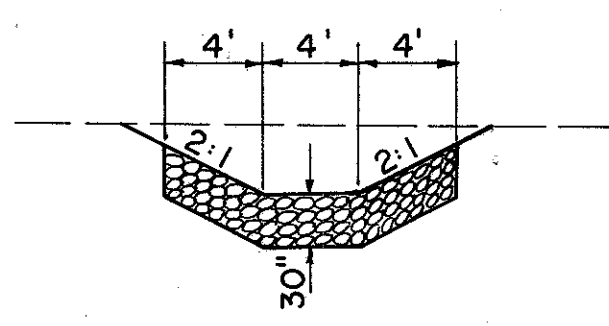
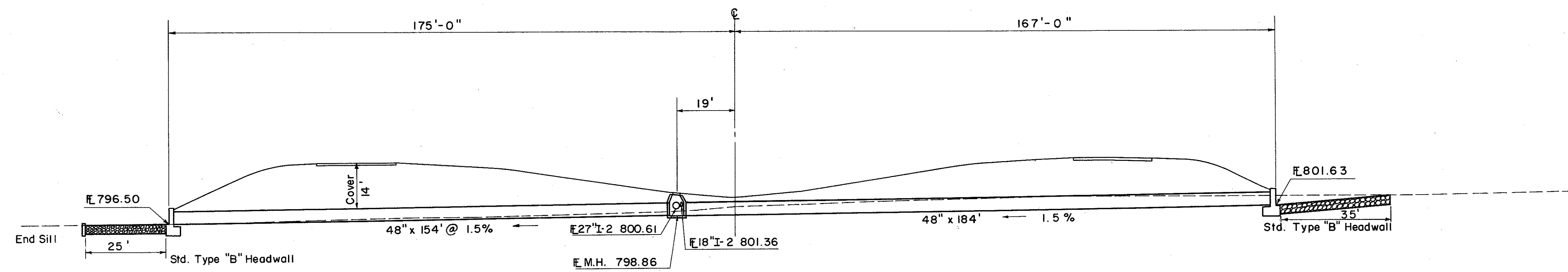


AREA = 80 ACRES
Q₅₀ = 120 C.F.S.

HEADWATER = 5.6 FT.
OUTLET VELOCITY = 15.6 F.P.S.



SECTION A-A



CULVERT DATA

TYPE: S-27, Sec. M-6.6 (b)

SIZE: 48" x 338'

WORK REQUIRED: Build a pipe culvert with Std. Type "B" headwalls. Place sodding and excavate channel as shown. Place dumped rock Lt. & Rt. End Sill Lt.

ESTIMATED QUANTITIES

* E-2	Excavation for Structures	308 C.Y.
E-3	Channel Excavation	12 C.Y.
I-8	Std. No. 2 Manhole (Without drop pipe)	1 Ea.
I-10	Dumped Rock Channel Protection	67 C.Y.
L-10	Sodding	8 S.Y.
S-1	Concrete for Structures, Class "C"	26.8 C.Y.
S-1	Concrete for Structures, Class "E"	1.85 C.Y.
S-4	Reinforcing Steel	1123 Lbs.
S-27	48" Pipe for Roadway Culverts, Sec. M-6.6 (b)	338 L.F.

* Includes Excavation for Headwalls

FOR DETAILS & QUANTITIES OF HEADWALLS. SEE SHEET NO. 223.

STRUCTURE NO. LAK-1-1026

PIPE CULVERT STA. 187 + 30