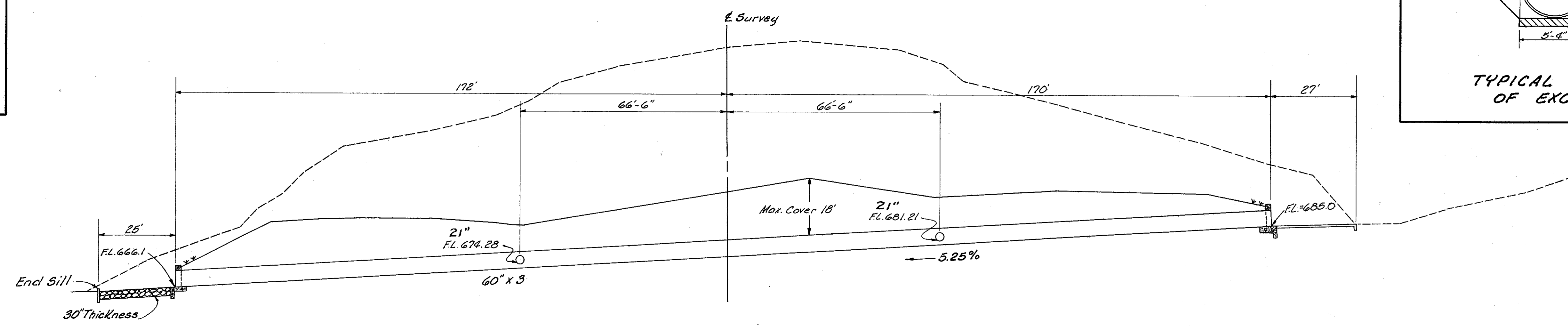
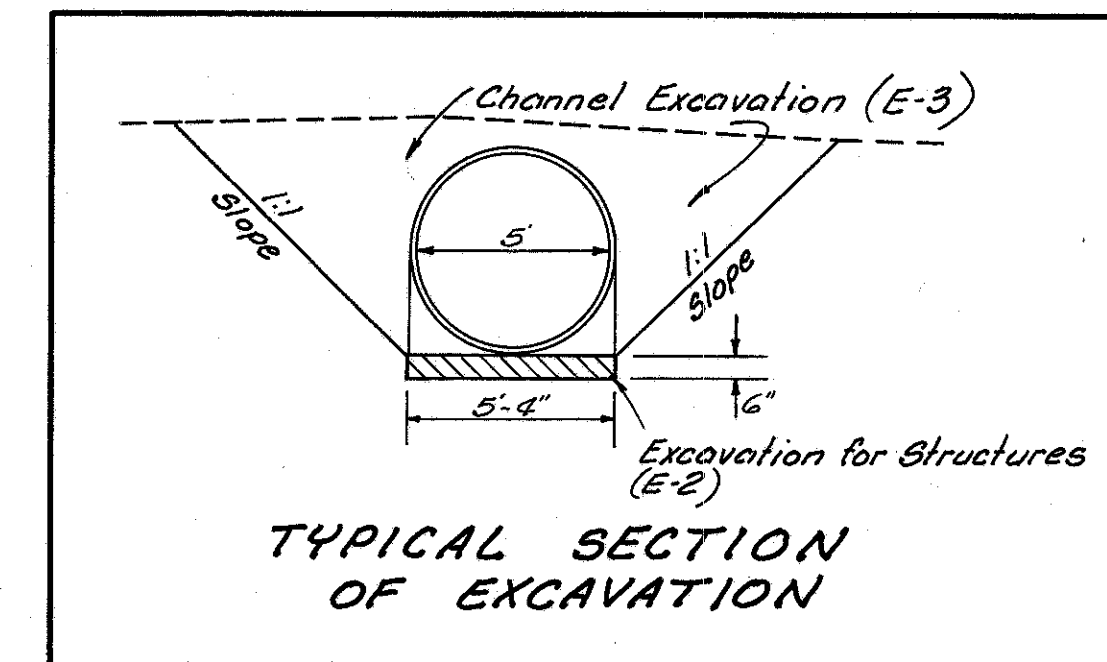


Drainage Area = 165 Ac.  
Q<sub>50</sub> = 137 C.F.S.

Headwater = 5.50  
Outlet Velocity = 17.8 F.P.S.



**ESTIMATED QUANTITIES**

E-2	Excavation for Structures	111	Cu. Yds.
E-3	Channel Excavation	4,380	Cu. Yds.
S-1	Concrete for Structures Class "G"	44.0	Cu. Yds.
S-1	Concrete for Structures Class "E"	0.78	Cu. Yds.
S-4	Reinforcing Steel	1,954	Lbs.
S-28	60" Sectional Corrugated Metal Structure	342	Lin. Ft.
I-10	Dumped Rock Channel Protection	28	Cu. Yds.
I-14	Paved Gutter Type I Modified	20	Lin. Ft.
I-14	Paved Gutter Type I Modified 4' F.B.	26	Lin. Ft.
L-10	Sodding	26	Sq. Yds.

**CULVERT DATA**  
 TYPE: Pipe Culvert S-28, Sec. M-6.4(g) Type "C" Headwalls  
 SIZE: 60" X 342"  
 Note: For Headwall Details see Std. Drawing HW-C  
 Cost of stubs for 21" connections shall be included in the unit price bid for Item S-28 (See Sheet 10)

Scale: 1" = 20'  
**CULVERT NO. LAK 1-0363**

MICHAEL BAKER JR., CONSULTING ENGINEERS  
 ROCHESTER, PENNSYLVANIA

**STATE OF OHIO  
 DEPARTMENT OF HIGHWAYS  
 STATE HIGHWAY NO. 1  
 C-43  
 CULVERT SECTION  
 STA. 191+60**

Designed	Drawn	Traced	Checked	Reviewed Date	Revised
F.A.N.	A.L.H.	A.L.H.	L.S.I.		