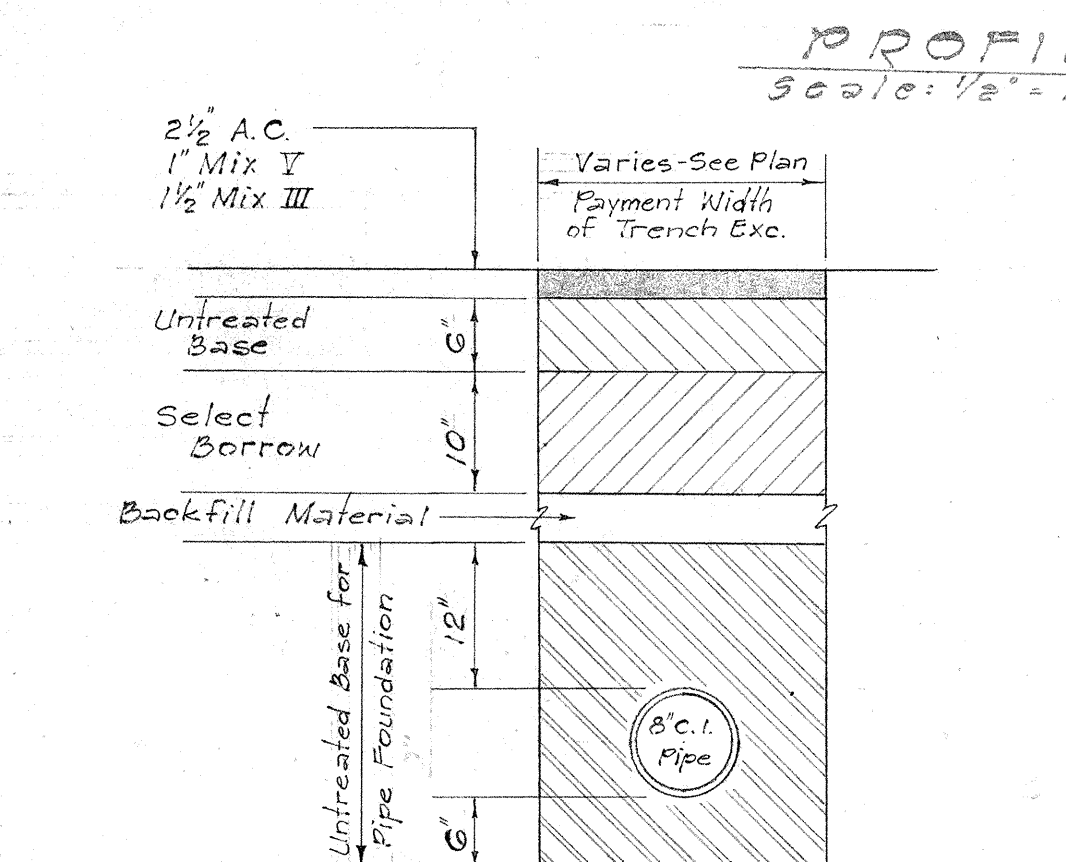
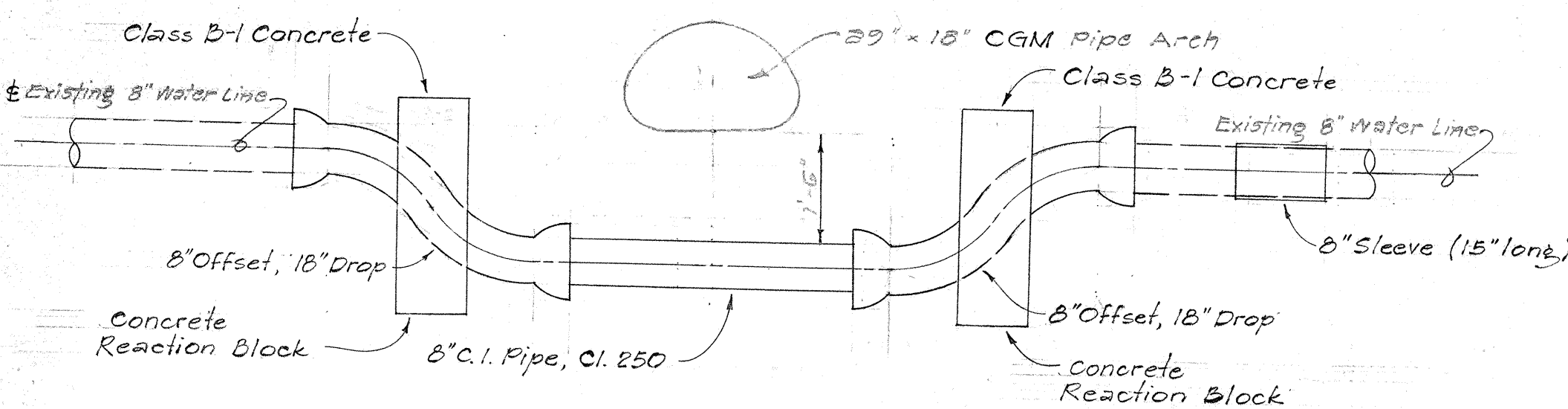
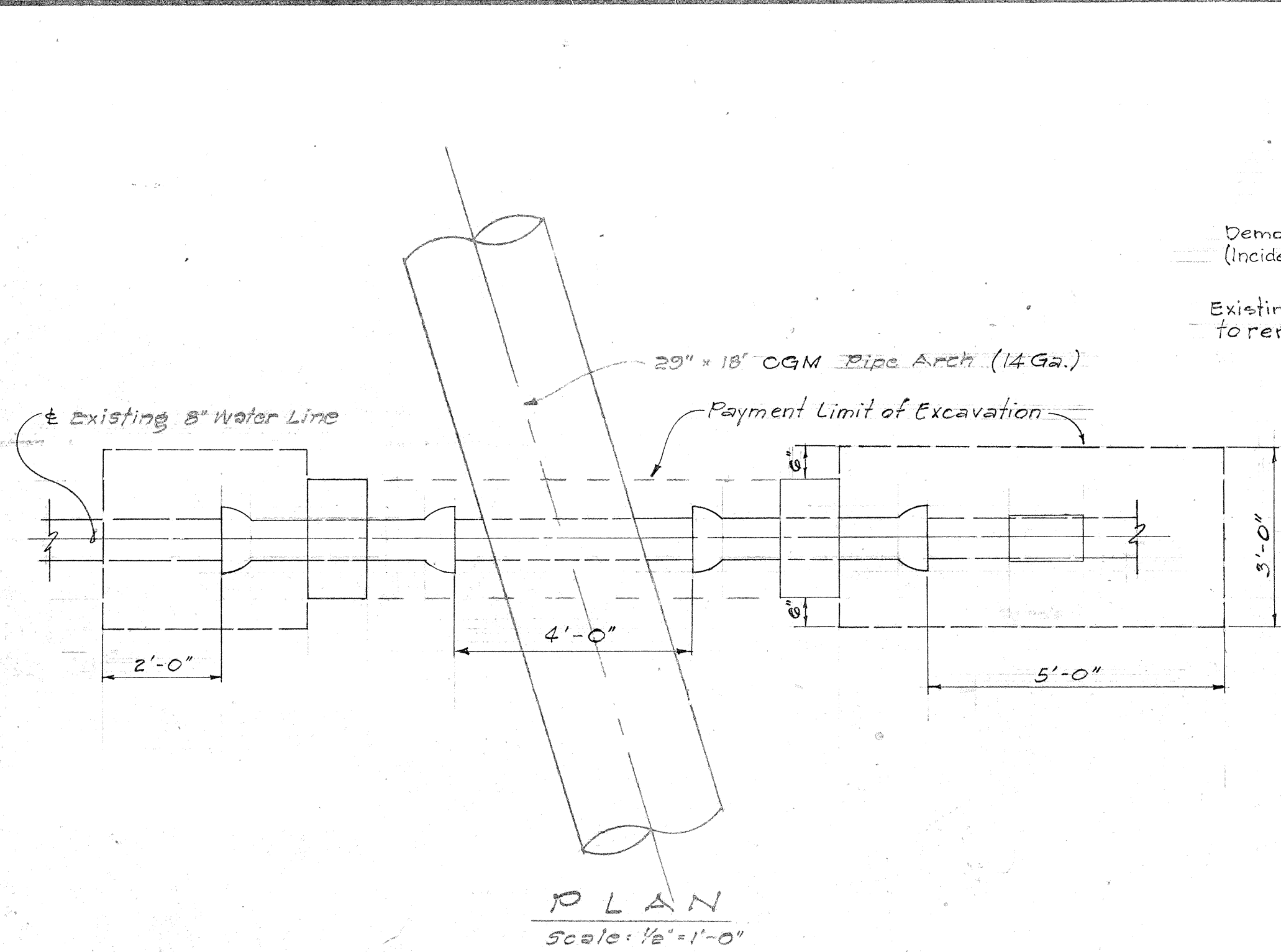
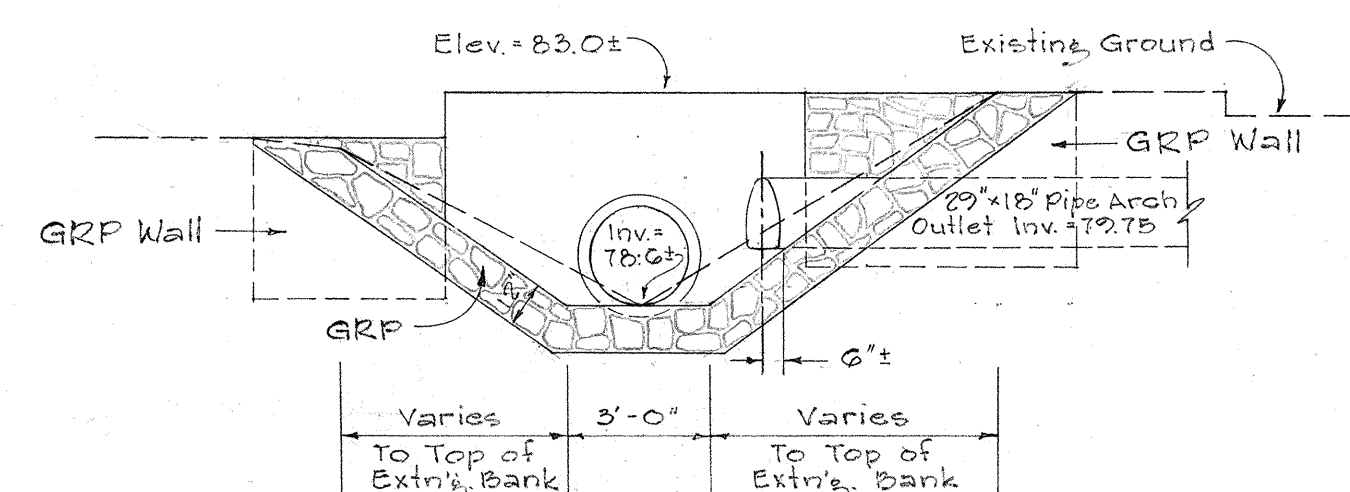
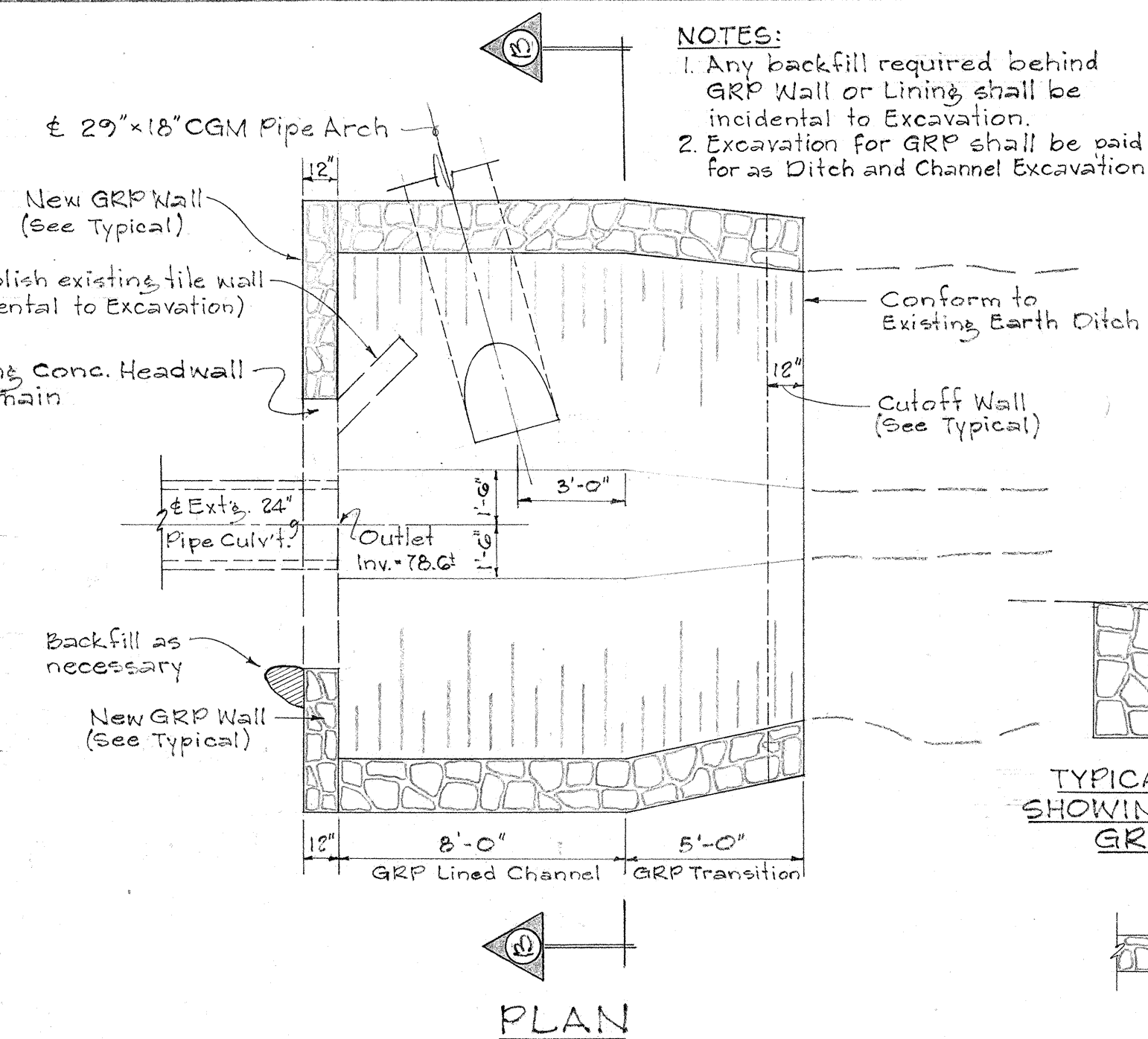




DETAILS - LOWERING OF 8" C.I. WATER LINE

GENERAL NOTES FOR WATER LINE

- The Contractor shall notify the Board of Water Supply in writing one week prior to commencing work on the water system.
- Contractor to furnish BWS to install the following:
10 Lin. ft. - 8" C.I. Pipe - Cl. 250
2 each - 8" Offset, 18" Drop
1 each - 8" Sleeve, 15" Long
All excavation and back fill to be performed by the Contractor.
- The locations of existing water mains shown on the plans are approximate only. The Contractor shall expose all water mains at drain crossing prior to excavation of drain trench to verify location and grade.

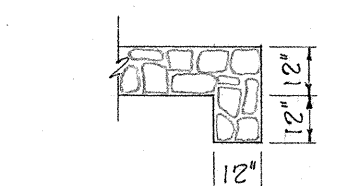


DETAILS OF GRP OUTLET

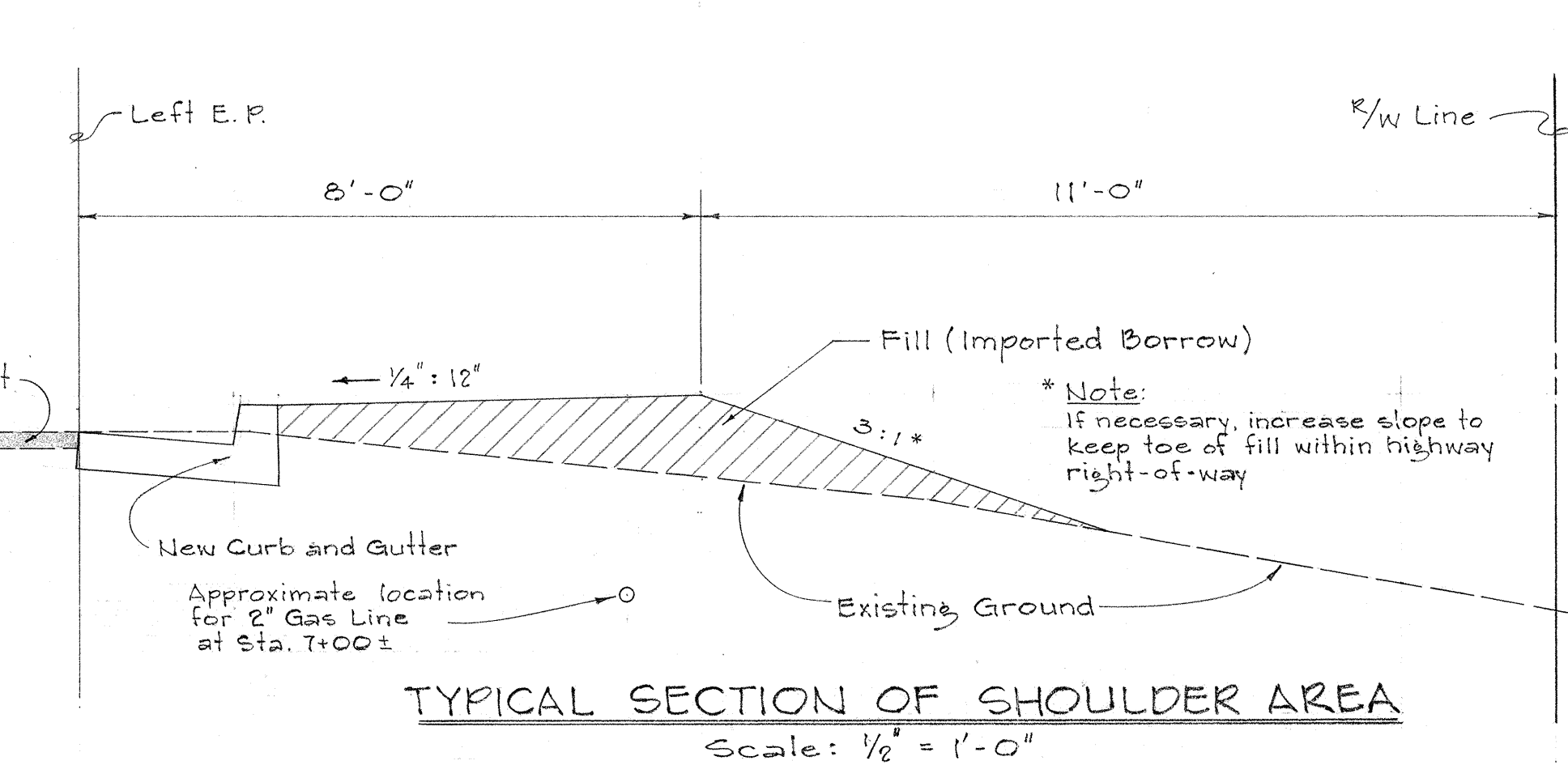
Scale: 1/4" = 1'-0"

- NOTES:**
- Any backfill required behind GRP Wall or Lining shall be incidental to Excavation.
 - Excavation for GRP shall be paid for as Ditch and Channel Excavation.

TYPICAL SECTION SHOWING DEPTH OF GRP WALL

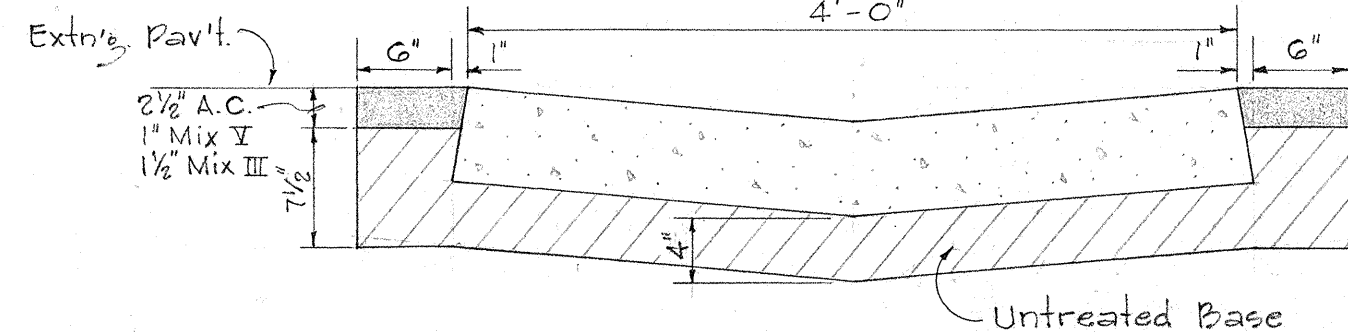


TYPICAL SECTION OF RECONSTRUCTION OF PAVEMENT FOR TYPE "D" CURB & GUTTER



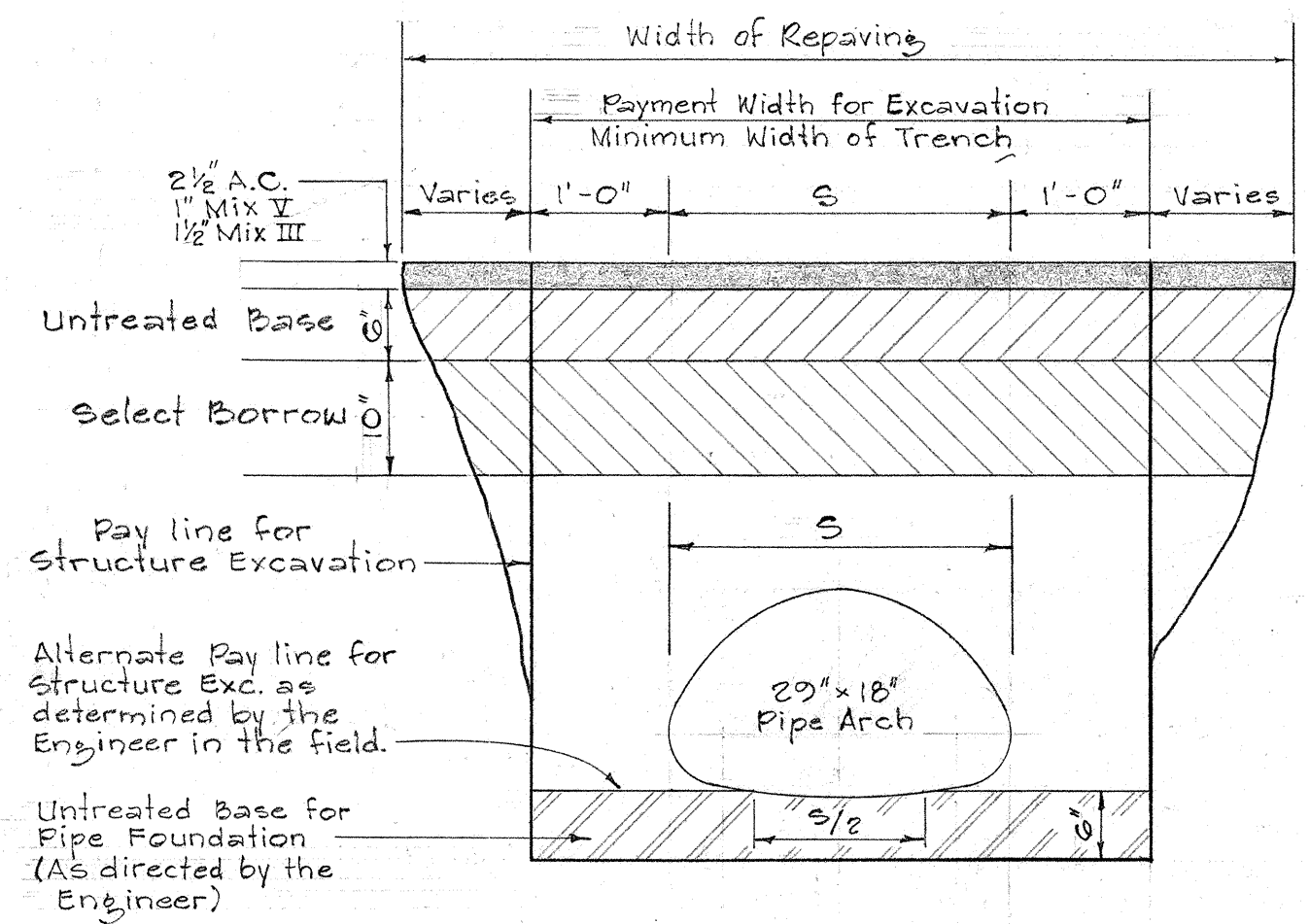
TYPICAL SECTION OF RECONSTRUCTION OF PAVEMENT FOR TYPE "G" CURB & GUTTER

Scale: 1" = 1'-0"



PAY LIMITS FOR TRENCH EXCAVATION AND RESTORING HIGHWAY PAVEMENT FOR PIPE ARCH

Scale: 3/4" = 1'-0"

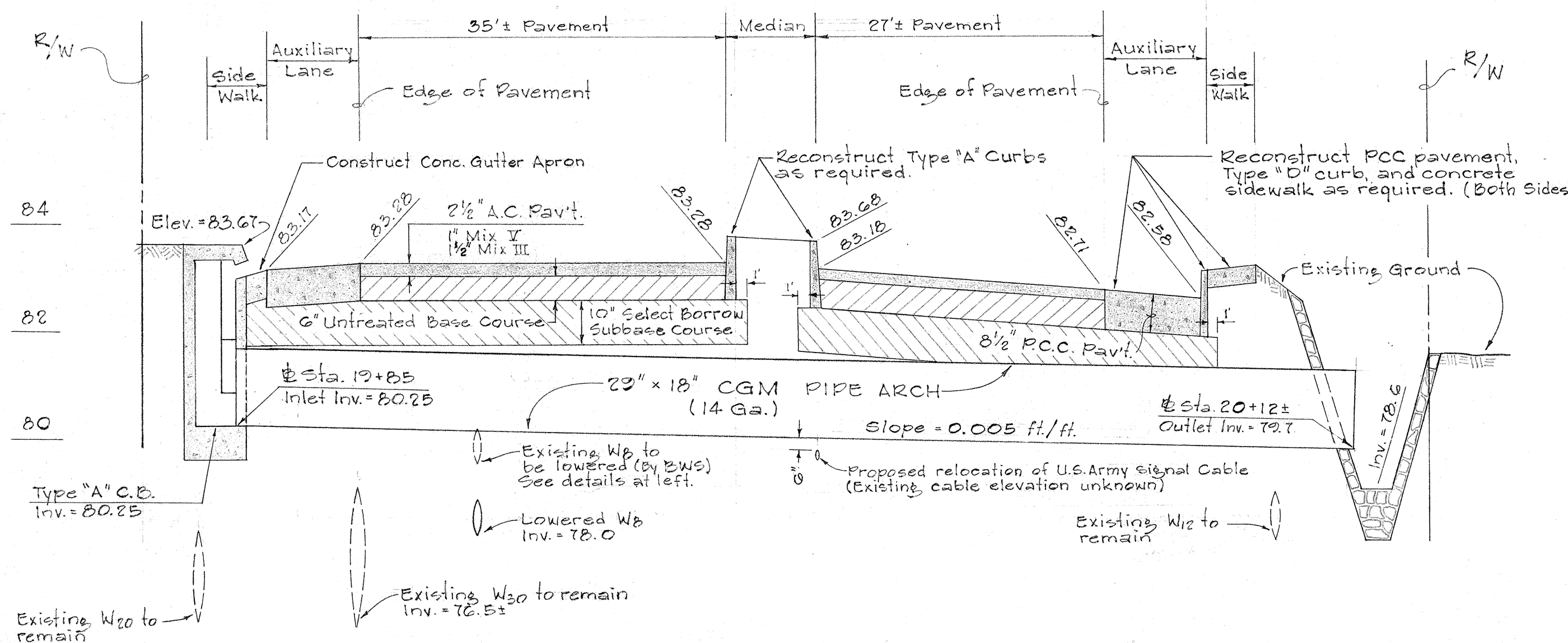


NOTES:

- Restore pavement to match existing pavement.
- Reconstruction of Pavement for Type "D" Curb consists of this 6" wide strip only.
- If precast concrete curb is used, add 4" of Untreated Base under the precast concrete curb.
- Reconstruction of Pavement for Pipe Arch includes the reconstruction of existing curbs, gutters, sidewalks, P.C.C. pavement, and A.C. pavement (that have been affected by the installation of the pipe arch) to existing grades.

APPROVED: *[Signature]*
ASSISTANT CHIEF ENGINEER, BWS
DATE: 8-11-66

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS DRAINAGE
IMPROVEMENTS ON OAHU - UNIT III
KANE OHE BAY DRIVE
Proj. No. A-630-01-66
SPECIAL DETAILS
Scale: As Shown Date: August, 1966
SHEET No. 2 OF 5 SHEETS



DATE	
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	