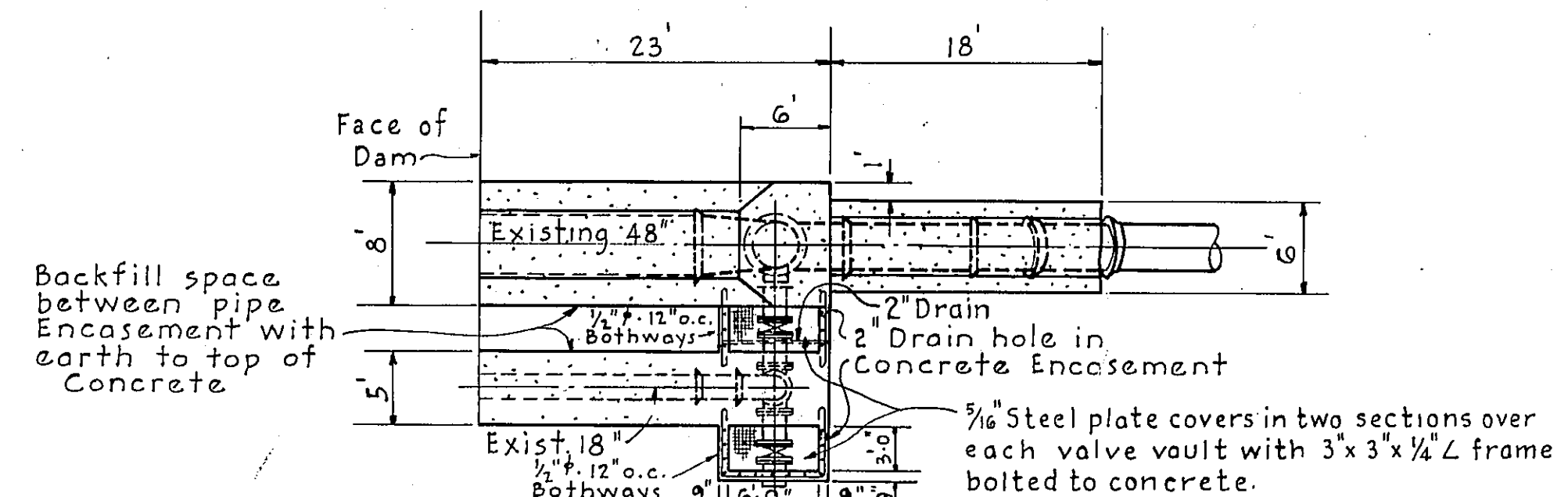
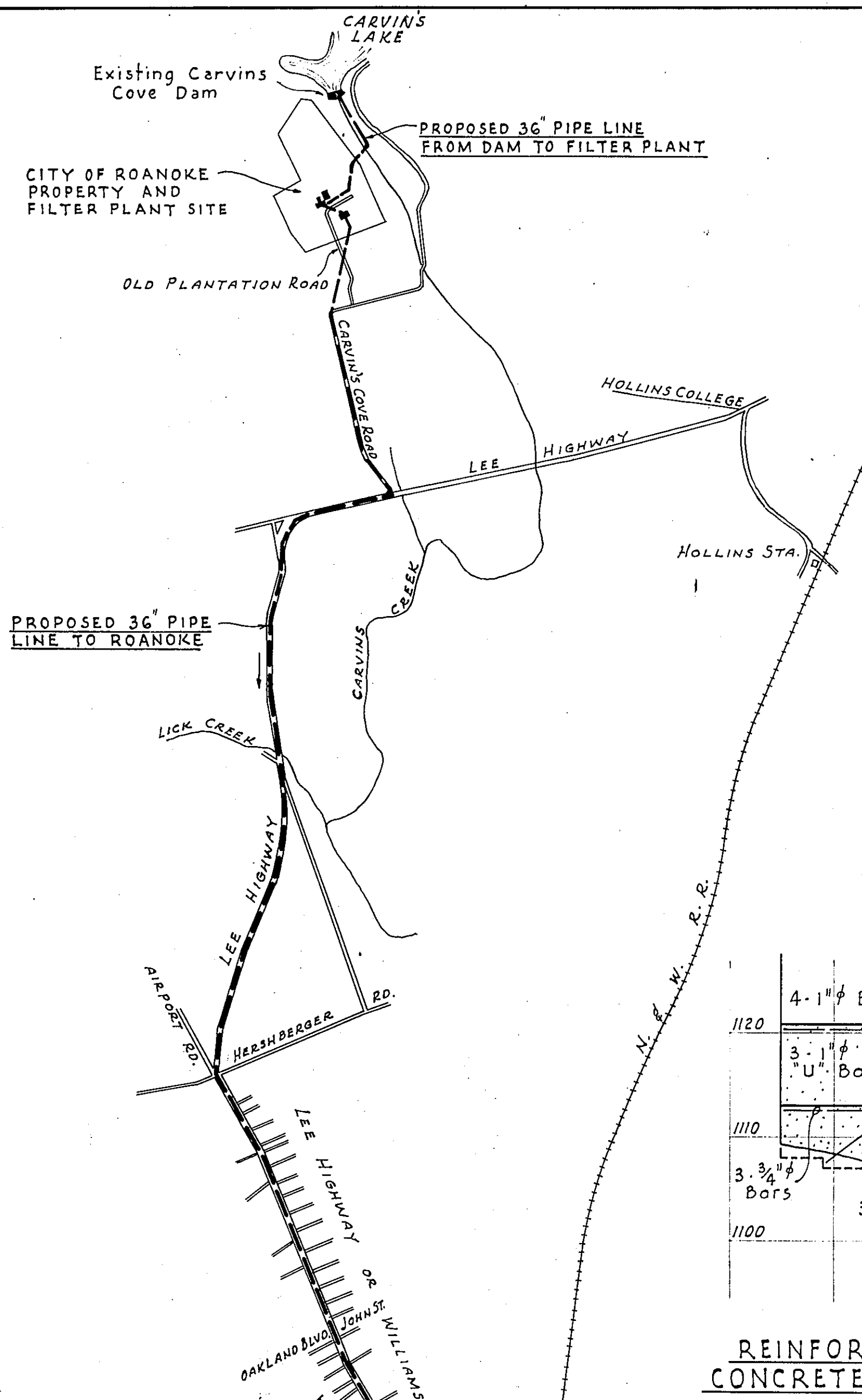
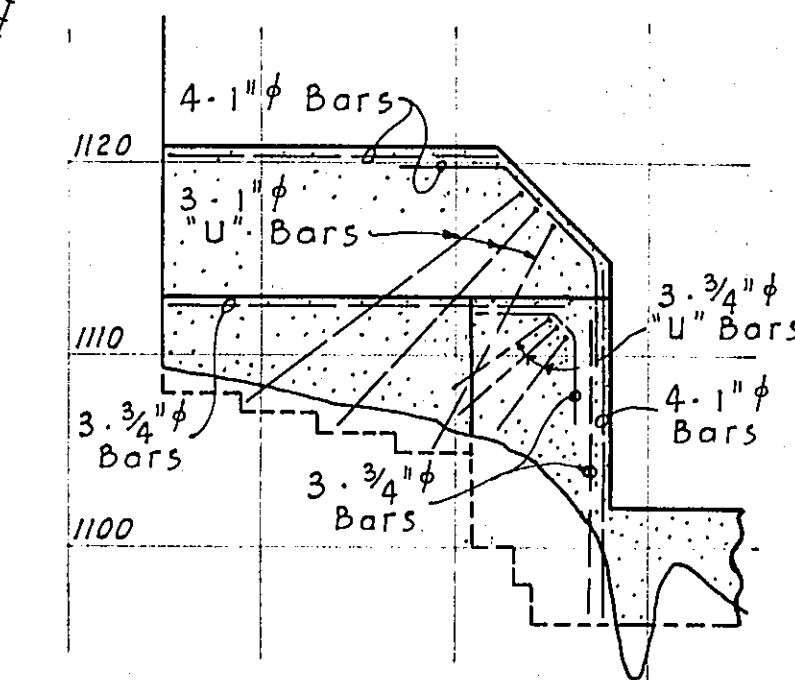
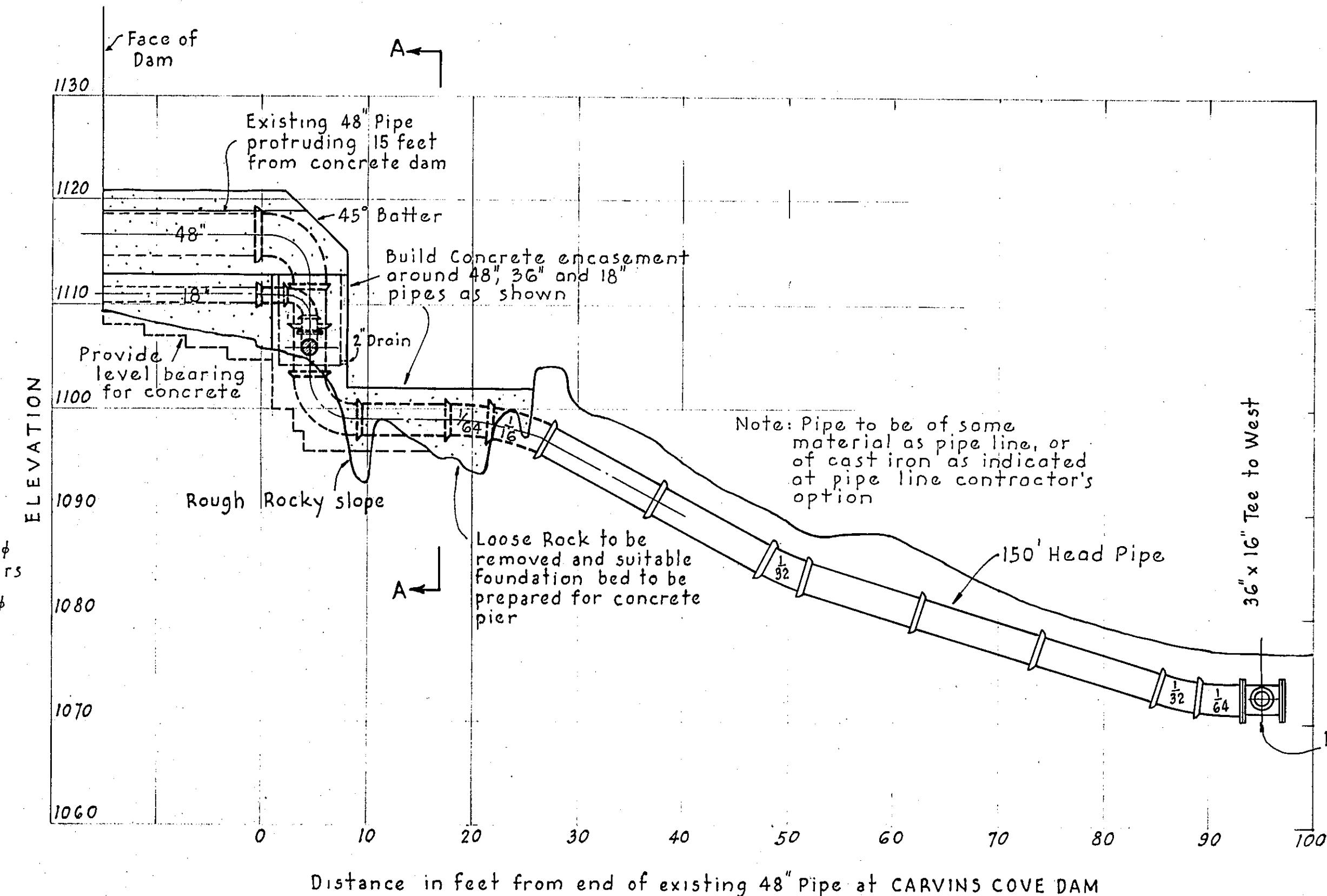




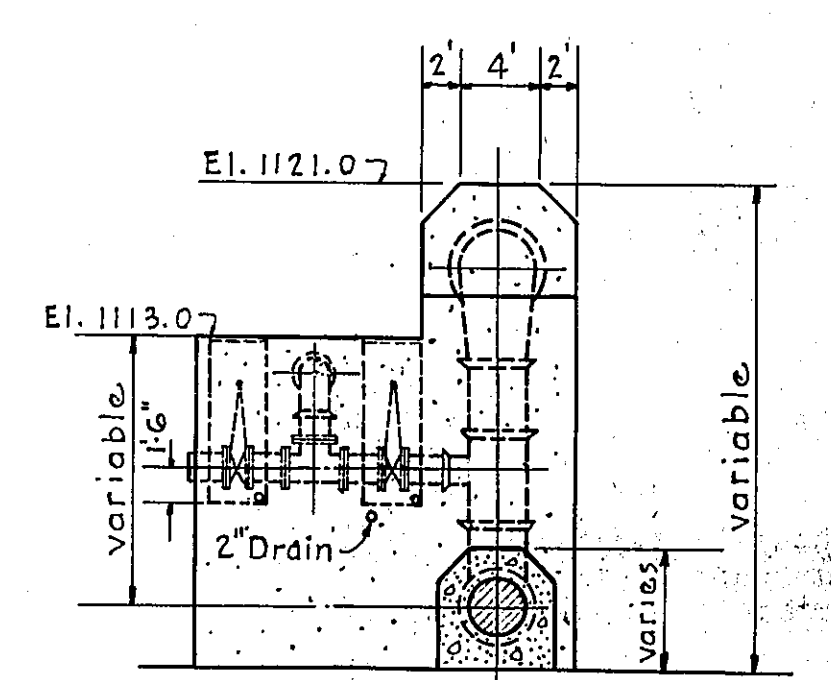
PLAN OF CONNECTION OF 36" MAIN
TO EXISTING 48" & 18" PIPES
IN DAM
Scale: 1"=10'



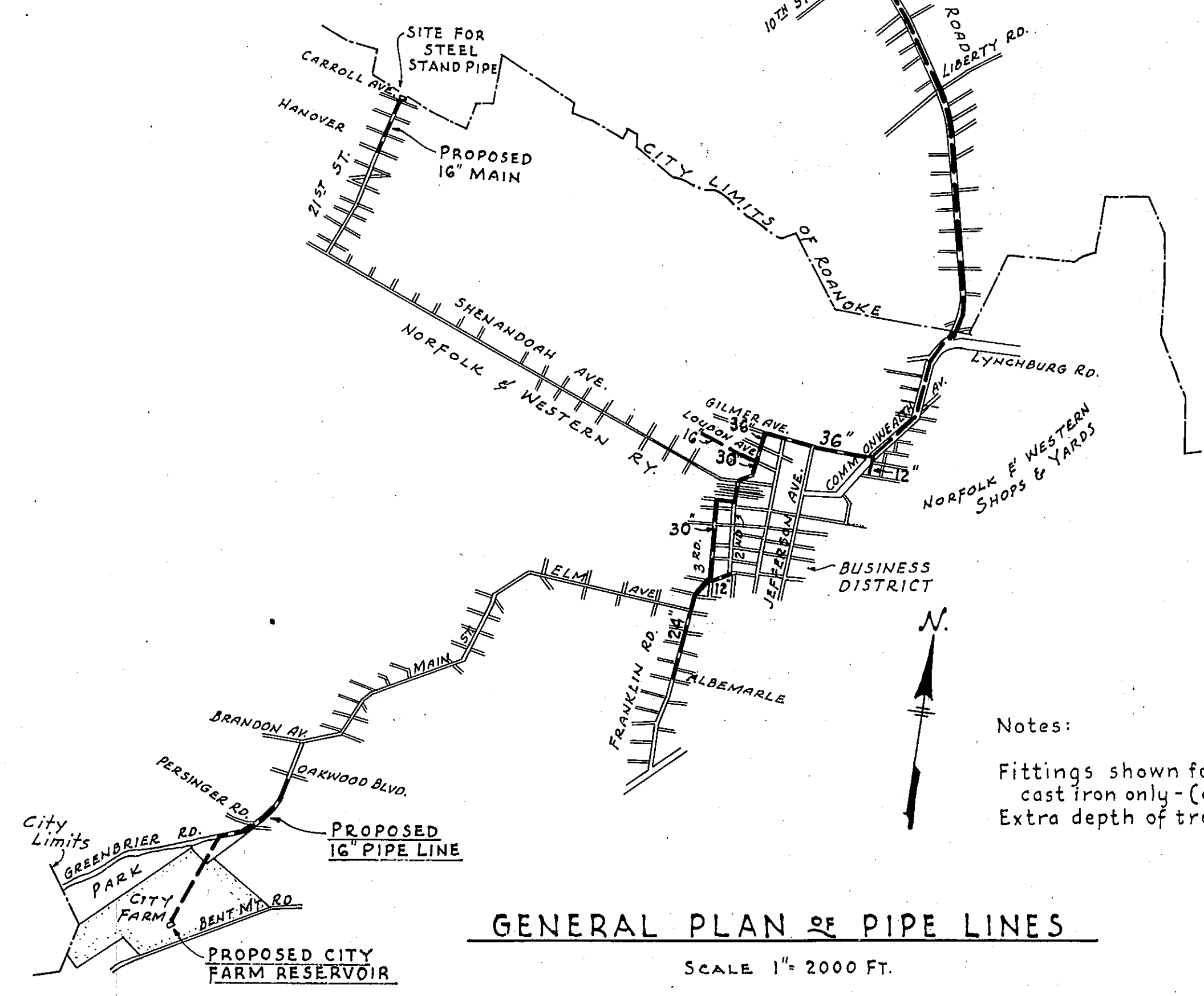
REINFORCING FOR
CONCRETE ENCASEMENT



SIDE ELEVATION OF 36" SUPPLY MAIN AT CONNECTION WITH
EXISTING 48" & 18" PIPE IN CARVINS COVE DAM



SECTIONAL ELEVATION A-A



GENERAL PLAN OF PIPE LINES
SCALE 1"=2000 FT.

LEGEND FOR EXISTING UTILITIES

WATER LINES	---
GAS LINES	---
SEWERS	---
TELEPHONE DUCTS	---
STREET CAR TRACKS	---

- SOUNDINGS
1. Soundings to Hard Shale or Rock shown thus:
 2. Soundings which did not reach Hard Shale or Rock shown thus:
 3. Rock or Shale outcrops shown thus:

Notes:
Fittings shown for bends on pipe line refer to cast iron only - (optional with Conc. or steel.)
Extra depth of trench refers to cast iron pipe only.

CARVIN'S COVE WATER SUPPLY
PIPE LINE
GENERAL PLAN
ROANOKE WATER DEPT.
ROANOKE, VIRGINIA

ALVORD, BURDICK & HOWSON
ENGINEERS CHICAGO
1944