

PLAN OF VALVE VAULT #1
SCALE: 1/2" = 1'-0"

PARTIAL SITE PLAN
SCALE: 1" = 30'-0"

MARY LINDA AVE.
TOM HOPKINS
ROY NELSON
PROPERTY LINE 7

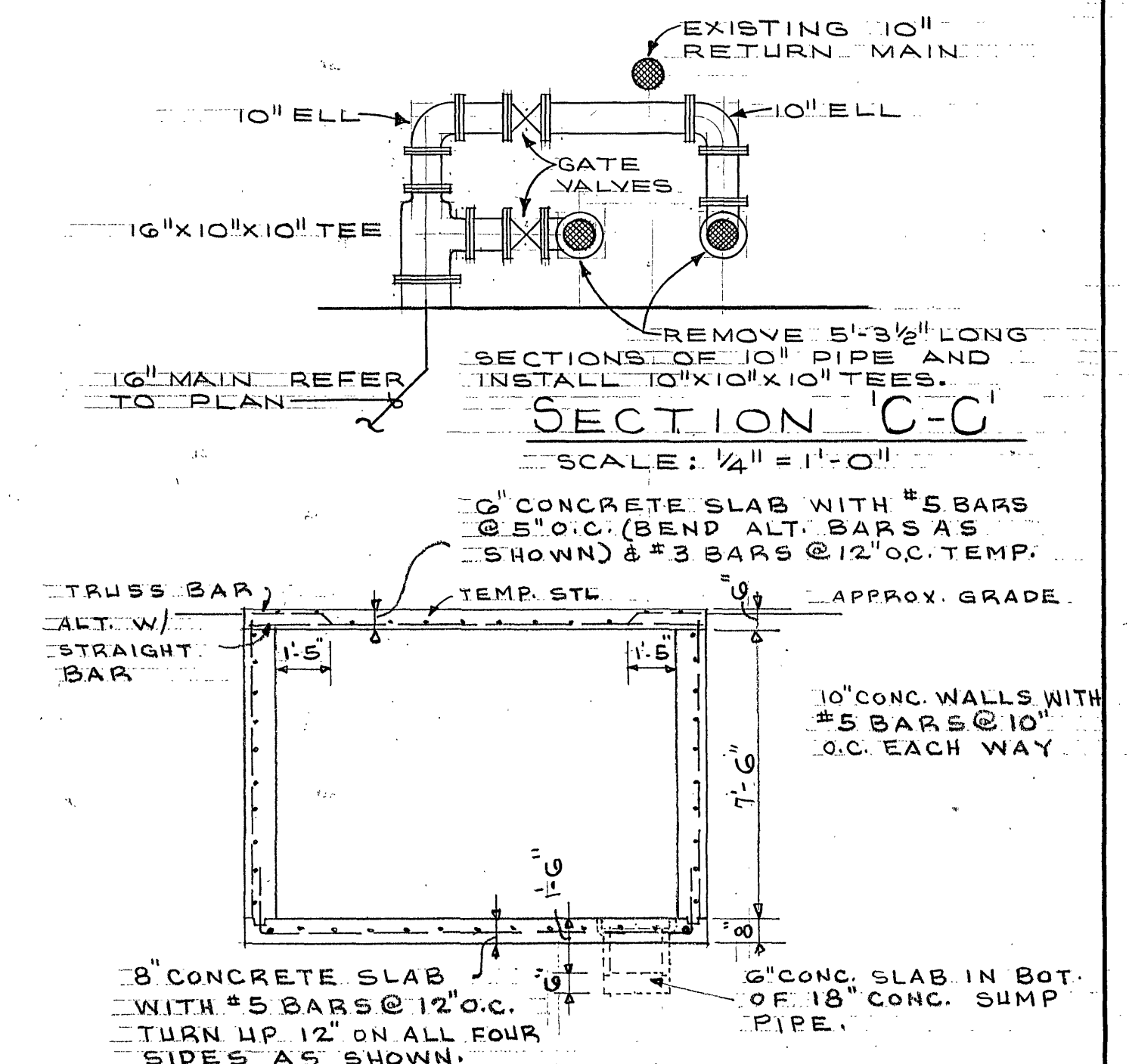
NEW 20" WATER
6" SAN S
CAPPED TEE
16" MAIN REFER TO PLAN
3/4" SENSOR LINE COPPER TYPE "K"
EXIST. PUMP HOUSE
250,000 GAL. WATER RES.
3/4" COPPER SENSOR LINE.
VALVE VAULT #2 SEE DETAIL
NEW VALVE VAULT #1 SEE DETAILS
LINE FROM VALVE VAULT TURNED UP AND INTO SIDE OF TANK ABOUT 2' ABOVE BOTTOM OF TANK. USE REINFORCING PLATE AT CONNECTION.

PARTIAL PLAN @ PUMP HOUSE
SCALE: 1/4" = 1'-0"

EXISTING 2 1/2" SUCTION LINE
16" MAIN REFER TO PLAN
10"X10"X10" TEE WITH PLATE FOR FUTURE USE.
EXIST. NEW
EXISTING PUMP HOUSE
EXISTING RESERVOIR

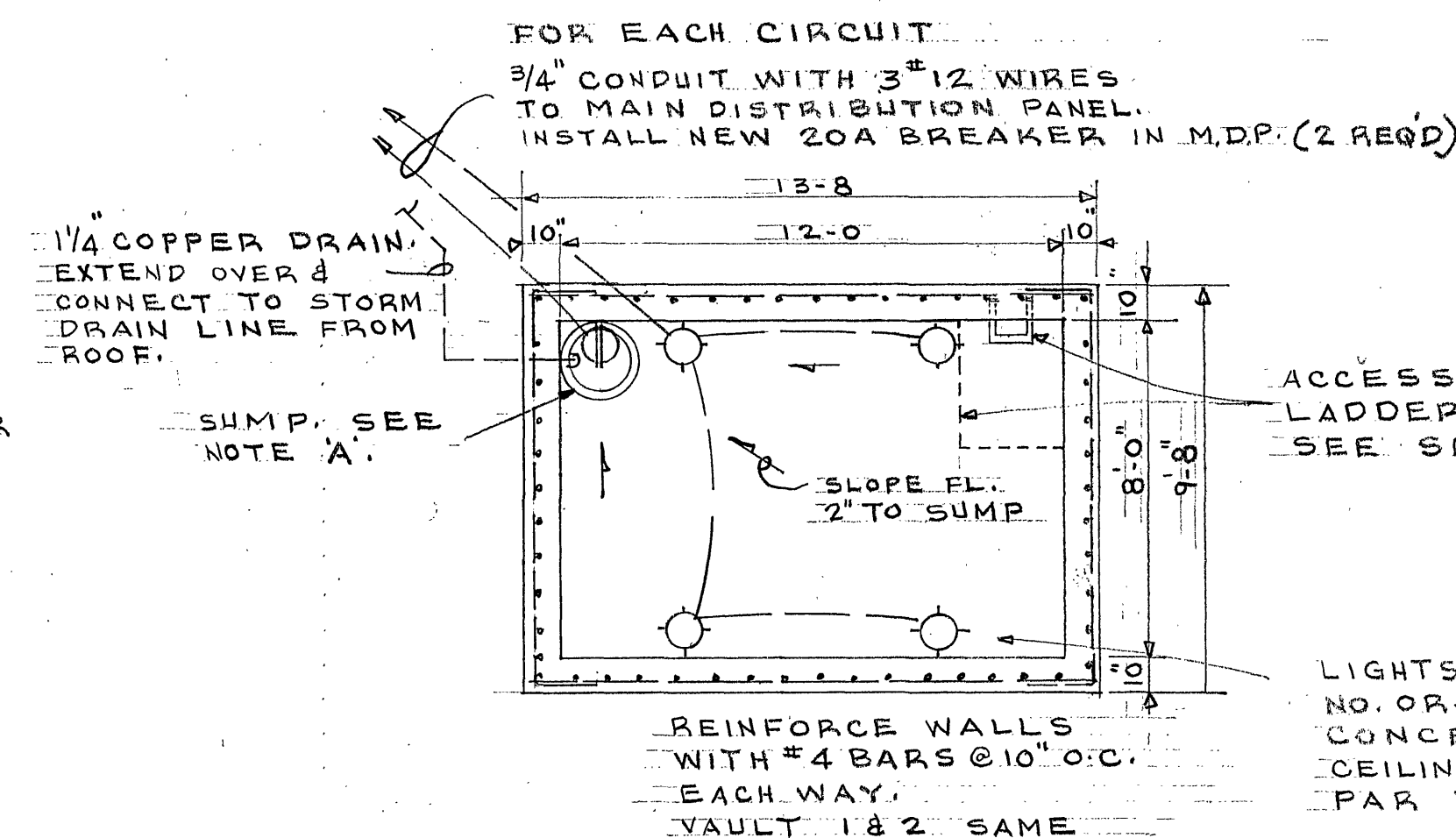
SECTION C-C
SCALE: 1/4" = 1'-0"

EXISTING 10" RETURN MAIN
10" ELL
GATE VALVES
16"X10"X10" TEE
16" MAIN REFER TO PLAN
REMOVE 5'-3 1/2" LONG SECTIONS OF 10" PIPE AND INSTALL 10"X10"X10" TEES.
6" CONCRETE SLAB WITH #5 BARS @ 5" O.C. (BEND ALT. BARS AS SHOWN) & #3 BARS @ 12" O.C. TEMP.
TRUSS BAR
ALT. W/ STRAIGHT BAR
TEMP. STL
APPROX. GRADE
10" CONC. WALLS WITH #5 BARS @ 10"



SECTION B-B

SCALE: $\frac{1}{4}" = 1'-0"$
VAULT 1 SHOWN - REINFORCING FOR VAULT #2
SIMILAR.
ALL CONCRETE SHALL BE $f'_c = 3000$ PSI.



PLAN OF VALVE VAULT.
SCALE: 1/4" = 1'-0"

NOTE A.
THE SUMP PUMP SHALL HAVE CAST BRASS PUMP BODY, BRASS
BASE, CORROSION RESISTANT STRAINER, PUMP CAPACITY OF
40 G.P.M. @ 10 FOOT HEAD, 8' GROUNDWATER CORD, MECHANICAL
18" CONCRETE PIPE 18" DEEP.

<i>Mains installed 1978</i>			
DATE	REV.	DESCRIPTION	BY
PLAN & DETAILS OF VALVE VAULT			
<i>Revised by C. C. C. C.</i>			CITY ENGINEER
<u>WATER DEPARTMENT</u>			DRAWN BC
<u>MONTICELLO BLVD., & MARY LINDA AVE.</u>			CHECKED
<u>WATER MAIN STATESMAN PARK</u>			COPY
<u>ALTITUDE VALVE & VAULT</u>			DATE
<u>ROANOKE, VIRGINIA</u>			DEC. '76
<u>CITY OF ROANOKE</u>			76-19
<u>OFFICE OF CITY ENGINEER</u>			SIGNED
<u>ROANOKE, VIRGINIA</u>			2
CONTRACTOR MUST VERIFY ALL DIMENSIONS AT PROJECT BEFORE PROCEEDING WITH CONSTRUCTION			
OR			2