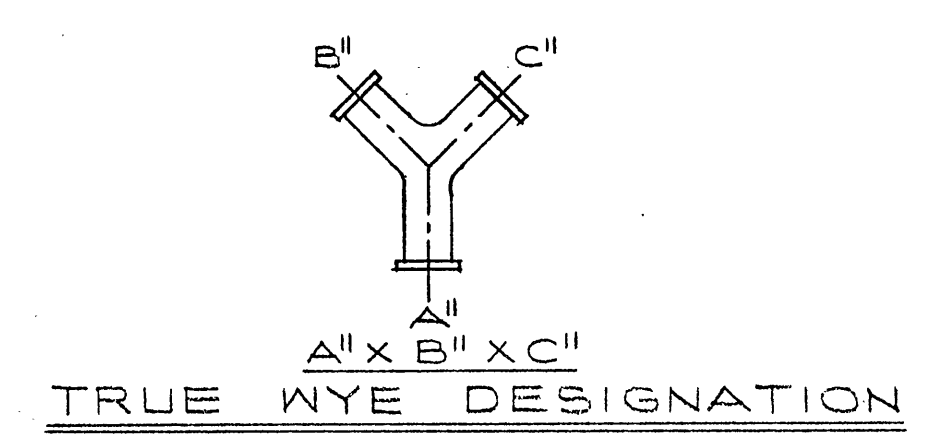
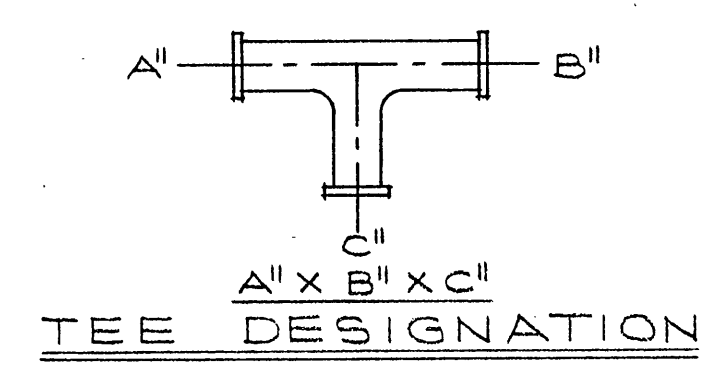
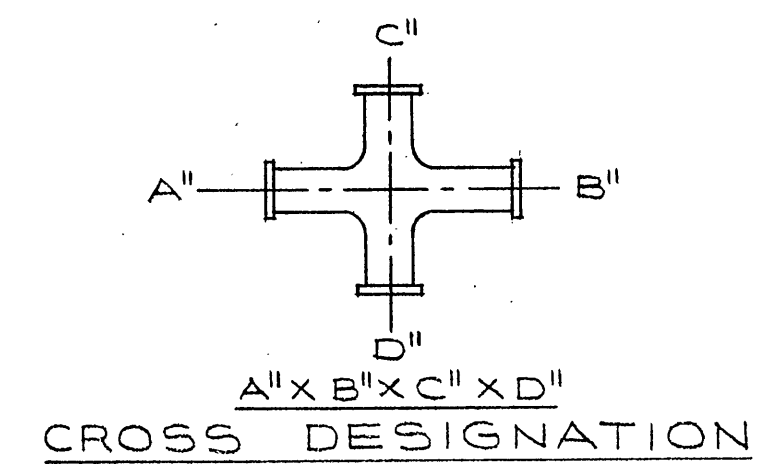


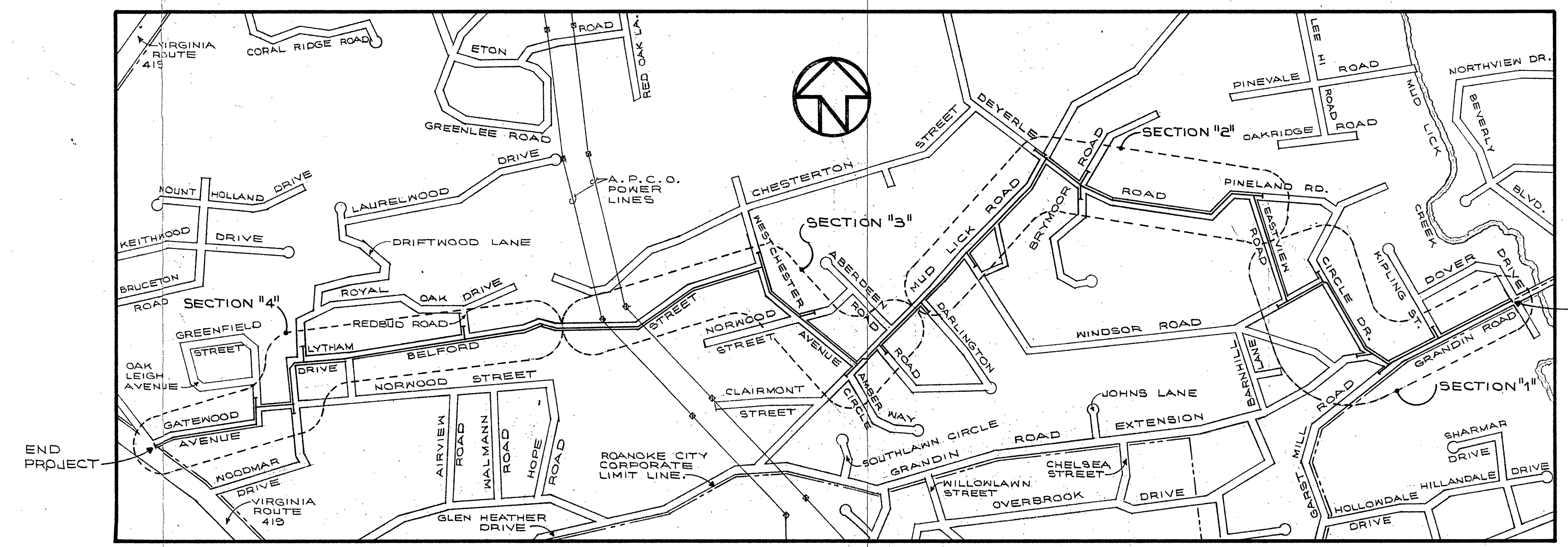


CONSTRUCTION PLANS FOR WATER MAIN EXTENSION FROM GRANDIN ROAD TO VIRGINIA ROUTE 419 ROANOKE • VIRGINIA

OFFICE OF CITY ENGINEER
THOMAS F. BRADY • CITY ENGINEER
PROJECT NUMBER 7901
MAY • 1979

LEGEND	
—T—	UNDERGROUND TELEPHONE CABLE
—G—	UNDERGROUND GAS MAIN
—E—	UNDERGROUND ELECTRICAL CABLE
—SS—	UNDERGROUND SANITARY SEWER
—	NEW WATER LINE
---	EXISTING WATER LINE
●	NEW VALVE AND VAULT
○	EXISTING VALVE AND VAULT
+	HYDRANT LATERAL 6" DUCTILE IRON PIPE
✱	HYDRANT LATERAL 6" VALVE WITH VAULT
—	STREET RIGHT-OF-WAY (INCLUSIVE)
□	EXISTING METER BOX (SERVICE AS REQ'D.)
□	SANITARY SEWER CLEAN OUT
○	SANITARY SEWER MANHOLE

DATE STARTED				
DATE COMP.				
FEET MAIN	SIZE	VALVE	VAULT	BOX
F. H. COMP.				
F. H. STUB ONLY				
SERV. INS. 6".				
MAIN INS. 6".				
NO. 3/4" SERV. INS.				
CITY OR CO.				
DEPT. INSP.				



VICINITY MAP
500' 0' 500' 1000'

<i>Ed B. Lin</i>	DATE
DIRECTOR UTILITIES & OPERATIONS	4-20-79
<i>Thomas F. Brady</i>	DATE
CITY ENGINEER OF ROANOKE, VA.	5-14-79
<i>William R. L. Jr.</i>	DATE
DIRECTOR OF PUBLIC WORKS	MAY 14-79
AGENT FOR ROANOKE PLANNING COM.	DATE

FH pressures
Grandin Rd to Rte 419
12" waterline