



LEGEND

NEW	EXISTING	DESCRIPTION
●	○	MH MANHOLE
○	○	WV WATER VALVE
	○	GV GAS VALVE
	○	M METER
	○	PP POWER POLE
	○	EMH ELEC MANHOLE
	○	MW MONITORING WELL
	+	FH FIRE HYDRANT
	+	YH YARD HYDRANT
	■	DI STORM DRAIN INLET
	○	LP LIGHT POLE
SS	SS	SANITARY SEWER LINE
W	W	WATER LINE
	G	GAS LINE
	SD	STORM DRAIN
	NPW	NON POTABLE WATER
		EXTENT OF FILL
		LINE TO BE ABANDONED
		CONCRETE THRUST BLOCK

NOTES

- UNDERGROUND UTILITIES ARE SHOWN BASED ON AVAILABLE RECORDS, AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL CALL MISS UTILITY AT 800-552-7001 A MINIMUM OF 72 HOURS PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE U.S. ARMY CORPS OF ENGINEERS' "FLOOD REDUCTION PROJECT - SEWAGE TREATMENT PLANT FLOOD-PROOFING" AND WORK PERFORMED BY THE CITY OF ROANOKE.
- THE CONTRACTOR SHALL SCHEDULE THE NON-POTABLE WATER OUTAGE WITH THE CITY OF ROANOKE A MINIMUM OF 72 HOURS PRIOR TO THE OUTAGE. THE TIME OF THE WATER OUTAGE SHALL BE MINIMIZED. ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO COMPLETE THE RELOCATION OF THE 10" NPW MAIN SHALL BE ON SITE BEFORE THE EXISTING 10" NPW MAIN IS TAKEN OUT OF SERVICE. WORK SHALL PROGRESS UNINTERRUPTED, AROUND THE CLOCK, UNTIL THE 10" NPW MAIN IS PLACED BACK INTO SERVICE. ONLY CITY OF ROANOKE PERSONNEL SHALL OPERATE WATER VALVES.
- MAINTAIN A MINIMUM OF 3 FEET OF COVER OVER ALL WATER MAINS.
- EXISTING CONDITIONS ARE BASED ON U.S. ARMY CORPS OF ENGINEERS FLOOD REDUCTION PROJECT PLANS DATED 23 APRIL 1991, A REVIEW OF RECORDS AND FIELD OBSERVATIONS. NO FIELD SURVEY WAS PERFORMED BY HSN, INC.
- EXISTING 12" WATER MAIN AND 10" NPW MAIN ARE BELIEVED TO BE GRAY CAST IRON. FIELD VERIFY.
- ALL WORK SHALL BE SUBJECT TO INSPECTION BY THE CITY OF ROANOKE.
- FIELD CHANGES SHALL BE APPROVED BY THE CITY OF ROANOKE PRIOR TO SUCH CONSTRUCTION.

RECORD DRAWING

①	8-31-93	REVISED AS BUILT		5FH	
REVISION	DATE	DESCRIPTION		BY	APP
DESIGNED	DMH	WATER AND SEWER RELOCATION SEWAGE TREATMENT PLANT CITY OF ROANOKE, VIRGINIA PLAN AND NOTES			
DRAWN	MHL				
CHECKED	MBD				
APPROVED	JAP				
SUBMITTED	WMZ				
HAYES, SEAY, MATTERN & MATTERN		SCALE	1" = 50'	COMM. NO.	4673
ARCHITECTS - ENGINEERS - PLANNERS		DATE	OCT. 1, 1991	SHEET	1 OF 2
ROANOKE, VIRGINIA					



ABBREVIATIONS

AGGR	AGGREGATE
BLDG	BUILDING
CONC	CONCRETE
CONJ	CONNECTION
DIP	DUCTILE IRON PIPE
EXST	EXISTING
FIN GR	FINISHED GRADE
GALV	GALVANIZED
HYD	HYDRANT
MIN	MINIMUM
N.I.C.	NOT IN CONTRACT
STL	STEEL
TRANS.	TRANSFORMER
TYP	TYPICAL
U/G	UNDERGROUND
VDOT	VIRGINIA DEPARTMENT OF TRANSPORTATION
MAX	MAXIMUM
W/	WITH
ELEC	ELECTRIC
NPW	NON POTABLE WATER

CONTRACT NOTES

THE FOLLOWING WORK IS INCLUDED IN THE CONTRACT:

- ITEM 1 RAISE THE TOP OF THE SANITARY SEWER MANHOLE TO FINISHED GRADE.
- ITEM 2 RELOCATE 10" NON-POTABLE WATER LINE.
- ITEM 3 INSTALL NEW 6" SANITARY SEWER LATERAL WITH A RESILIENT SEAT GATE VALVE.

OTHER WORK INDICATED WILL BE PERFORMED BY OTHERS AND IS NOT IN CONTRACT (NIC).

PLAN

SCALE: 1"=50'

PLAN NOTES:

- PROVIDE JOINT HARNESSING.
- ABANDON EXISTING SANITARY SEWER LATERAL (NOT SHOWN). PROVIDE NEW 6" DIP. CONNECT TO EXISTING MH AND NEAR THE BLOWER BUILDING AT THE EXISTING INVERT ELEVATIONS. INSTALL PIPE AT A UNIFORM SLOPE. CONNECT TO EXISTING PIPE NEAR THE BLOWER BUILDING WITH A FLEXIBLE CONNECTION. COORDINATE OUTAGE WITH THE CITY OF ROANOKE.

37303027