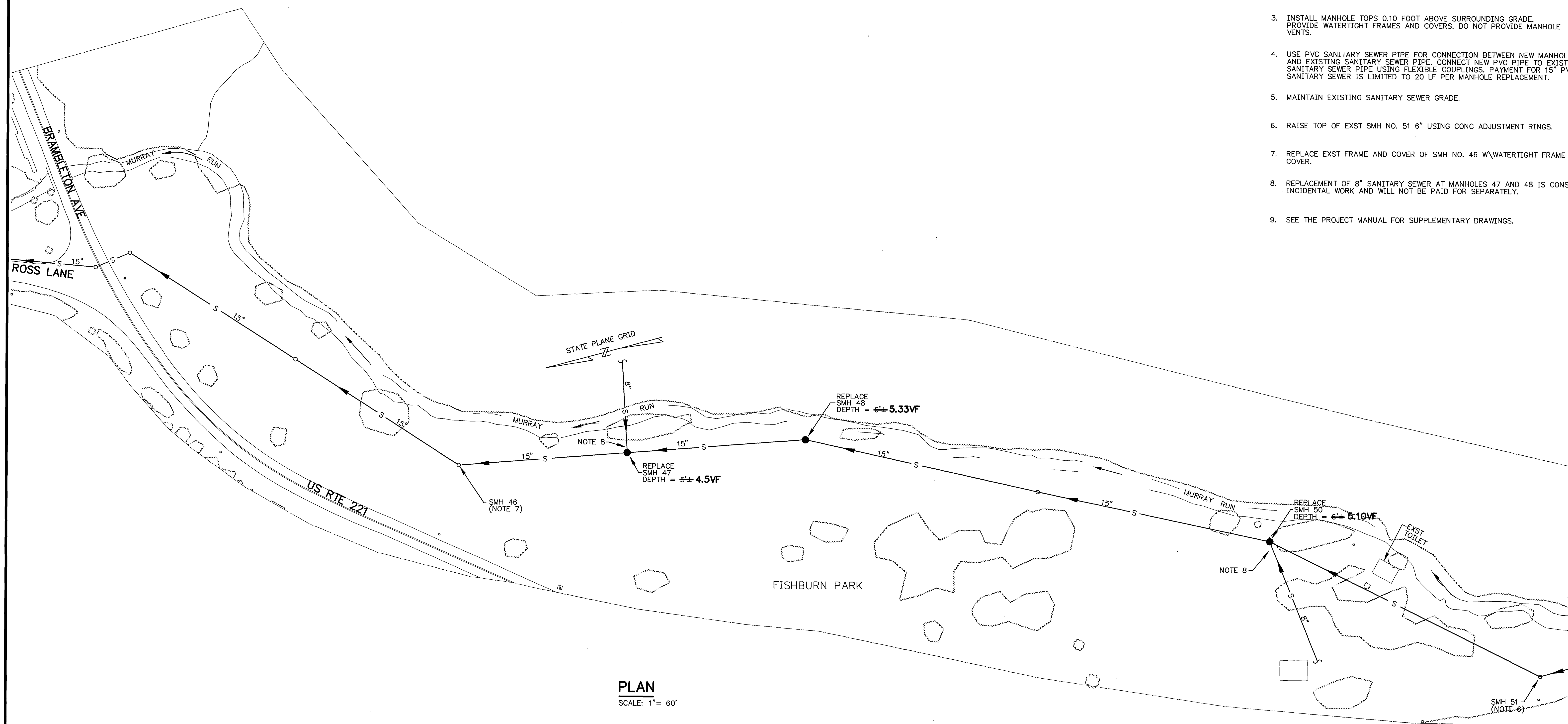


# MANHOLE REPLACEMENT NOTES

## WITHIN FISHBURN PARK

1. FIELD VERIFY EXISTING MANHOLE TOP AND INVERT ELEVATIONS, PIPE CONNECTION LOCATIONS, PIPE SIZES AND PIPE MATERIALS PRIOR TO ORDERING MATERIALS.
2. REMOVE EXISTING MANHOLES AND INSTALL NEW MANHOLES AT THE INVERT ELEVATIONS OF EXISTING MANHOLES. MAINTAIN CONTINUOUS SANITARY SEWAGE FLOWS. FURNISH PUMPS, HOSES AND INCIDENTALS REQUIRED TO MAINTAIN FLOWS.
3. INSTALL MANHOLE TOPS 0.10 FOOT ABOVE SURROUNDING GRADE. PROVIDE WATERTIGHT FRAMES AND COVERS. DO NOT PROVIDE MANHOLE VENTS.
4. USE PVC SANITARY SEWER PIPE FOR CONNECTION BETWEEN NEW MANHOLE AND EXISTING SANITARY SEWER PIPE. CONNECT NEW PVC PIPE TO EXISTING SANITARY SEWER PIPE USING FLEXIBLE COUPLINGS. PAYMENT FOR 15" PVC SANITARY SEWER IS LIMITED TO 20 LF PER MANHOLE REPLACEMENT.
5. MAINTAIN EXISTING SANITARY SEWER GRADE.
6. RAISE TOP OF EXST SMH NO. 51 6" USING CONC ADJUSTMENT RINGS.
7. REPLACE EXST FRAME AND COVER OF SMH NO. 46 W\WATERTIGHT FRAME AND COVER.
8. REPLACEMENT OF 8" SANITARY SEWER AT MANHOLES 47 AND 48 IS CONSIDERED INCIDENTAL WORK AND WILL NOT BE PAID FOR SEPARATELY.
9. SEE THE PROJECT MANUAL FOR SUPPLEMENTARY DRAWINGS.

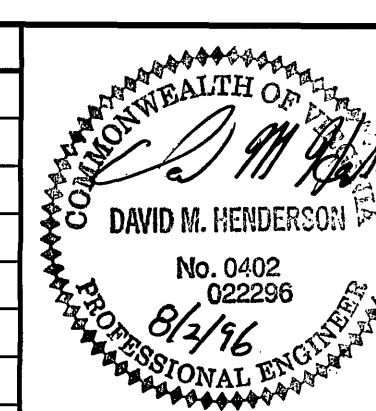


**PLAN**  
SCALE: 1" = 60'

**HAYES, SEAY, MATTERN AND MATTERN**  
ARCHITECTS/ENGINEERS/PLANNERS

DESIGNED: DMH  
DRAWN: DMC  
CHECKED: SJP  
APPROVED: WMZ

REVISIONS	
DATE	DESCRIPTION
8/1/96	DMH
	RECORD DRAWING PREPARED BASED ON INFORMATION PROVIDED BY
	AARON J. CONNER GENERAL CONTRACTOR, INC.,
	NOT FIELD VERIFIED BY HSM, INC.



**SEWER REPLACEMENT MR-1**  
**ROANOKE, VIRGINIA**  
**MANHOLE REPLACEMENT**

SHEET NO.

6

COMM. NO.: 7122E

SCALE: AS SHOWN

DATE: 5 JAN 1995