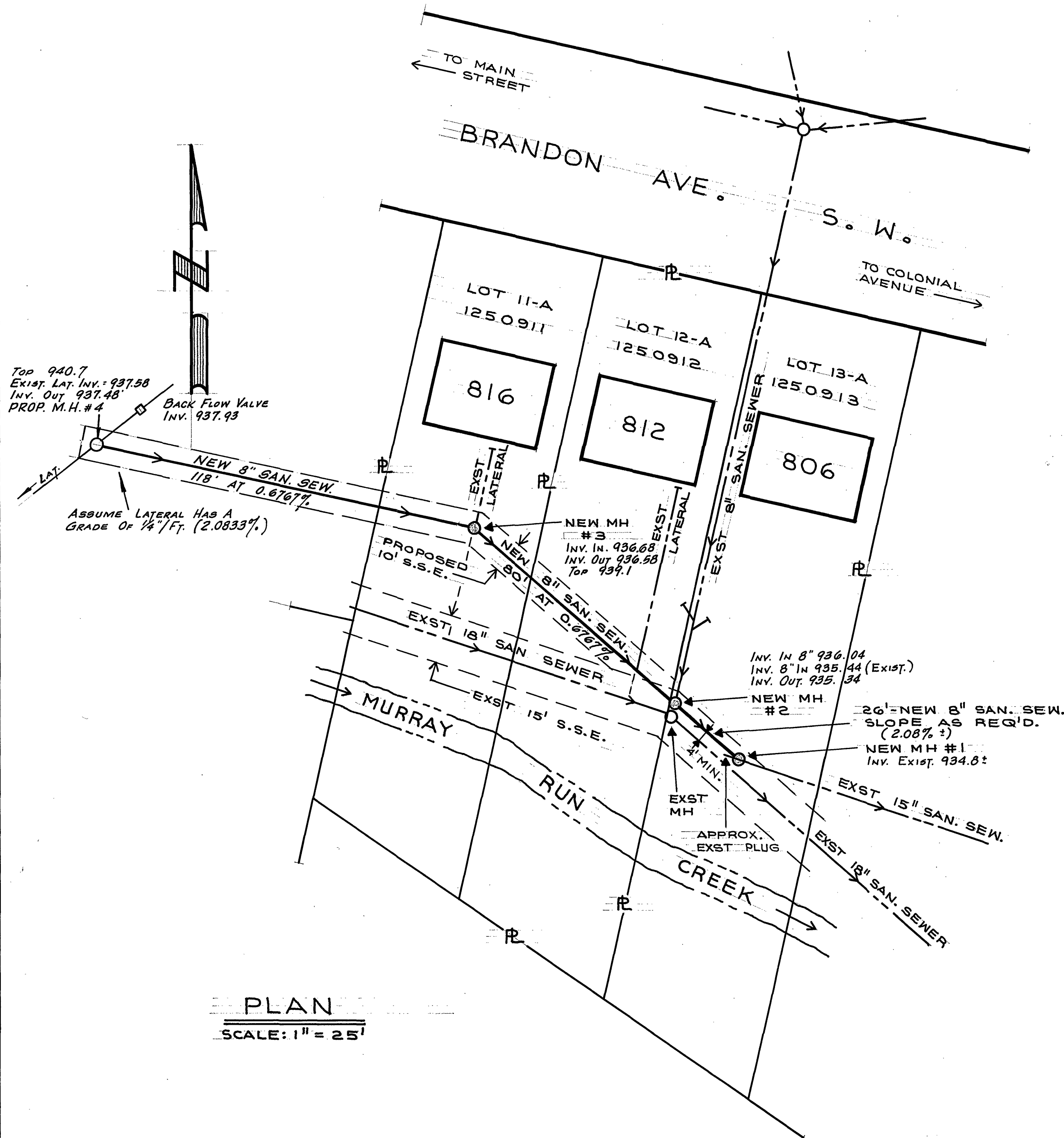




GENERAL NOTES:

1. MANHOLES SHALL BE 4' DIAMETER PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE UNIT AND FLAT SLAB TOP IN ACCORDANCE WITH VDHT MH-2. SHAPE INVERTS IN ACCORDANCE WITH VDHT IS-1. MH DEPTH 3'±.
2. MANHOLE FRAME AND COVERS SHALL BE WATERTIGHT NEENAH R-1915-G2, RICHARD FOUNDRY NUMBER B-9960, DEWEY FOUNDRY MH RCR-2001W OR EQUAL AND SHALL BE ANCHOR BOLTED TO THE MANHOLE STRUCTURE.
3. NEW 8" SANITARY SEWER PIPE AND FITTINGS SHALL BE PVC-SDR 35 IN ACCORDANCE WITH ASTM D 3034. BED PIPE TO SPRINGLINE WITH COARSE AGGREGATE SIZE NUMBER 26.
4. ASCERTAIN THE LOCATION OF THE PLUGGED SECTION OF EXISTING 15" SAN. SEWER. INSTALL NEW MH #1.
5. EXTEND NEW 8" SAN. SEWER TO NEW MH #2. CONNECT EXST 8" SAN. SEWER. PLUG OPENING IN EXST MH WITH CONC.
6. EXTEND NEW 8" SAN. SEWER TO NEW MH #3. MAKE LATERAL CONNECTION WITH TEE OR WYE. PLUG OPEN ENDS OF EXST LATERALS WITH CONC.
7. ALL DISTURBED AREAS SHALL BE GRADED, FERTILIZED, SEEDED AND MULCHED.
8. THE INSTALLATION SHALL BE IN ACCORDANCE WITH CITY OF ROANOKE STANDARDS.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL EXST TREES, SHRUBS AND PROPERTY THAT MAY BE DISTURBED OR DAMAGED AS A RESULT OF THE WORK.
10. DIG LATERAL FOR 816 PRIOR TO STARTING JOB TO VERIFY THAT GRADE FROM MANHOLE N° 2 TO MANHOLE N° 3 WILL PICK UP LATERAL AT 816
11. NEW MANHOLE N° 4 WILL NEED STD. 15-1 SHAPING, PRECAST INVERT WILL NOT BE ACCEPTABLE DUE TO MINIMAL FLOWS IN THE LINE AND NEED TO KEEP VELOCITY UP.
12. MANHOLE N° 3 SHALL ALSO HAVE STD. 15-1 SHAPING. PRECAST INVERT BASE SECTION IS NOT ACCEPTABLE.

REVISED 5-2-83 ADDING M.H. #4

DATE	REV	DESCRIPTION	BY
		SANITARY SEWER PLAN	
		<i>Richard B. Burr</i> 4-1-83 CITY ENGINEER	
		MURRAY RUN SAN. SEWER EXTENSION 812-816 BRANDON AVE.	LSV GRN RSS 12-14-81
		CITY OF ROANOKE OFFICE OF CITY ENGINEER ROANOKE, VIRGINIA	5412
		CONTRACTOR MUST VERIFY ALL DIMENSIONS AT PROJECT BEFORE PROCEEDING WITH WORK	1