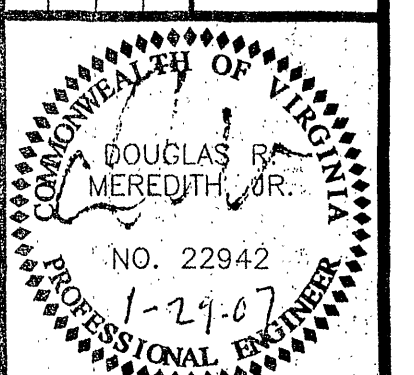


ROANOKE RIVER FLOOD REDUCTION UTILITY
RELOCATION PROJECT
RIVERVIEW BOULEVARD SANITARY SEWER
CITY OF ROANOKE, VIRGINIA

NO.	DATE	DESCRIPTION	BY
1	01/16/07	COMMENTS PER CITY OF RVK.	MCP
2	11/21/06	COMMENTS PER CITY OF RVK.	MCP
3	10/10/06	COMMENTS PER WYVA	MCP
4	09/05/06	COMMENTS PER WYVA	MCP



Designed By	DRM
Drawn By	MCP
Checked By	DRM
Approved By	DRM
Submitted By	DRM
Drawing	3161 U6 SS.dwg
Date	12/19/05
Scale	NONE
Commission No.	3161
Sheet	U6 of U6

- NOTES THIS SHEET:
- EXISTING POLE TO BE REMOVED BY OTHERS. (NIC)
 - CONNECT TO EXISTING MANHOLE WITH WATERTIGHT CONNECTION. REMOVE OLD PIPE AND INSERT NEW PIPE. SEAL ALL OPENINGS W/ NON-SHRINK GROUT.
 - CONNECT TO EXISTING MANHOLE. CORE MIN. DIA. OPENING AS REQUIRED TO INSERT NEW PIPE. NEW 8" SHALL BE INSTALLED WITHOUT EXTENSIONS IN TO THE FLOW AREA OF THE EXISTING 48". SEAL ALL OPENINGS WITH NON-SHRINK GROUT.

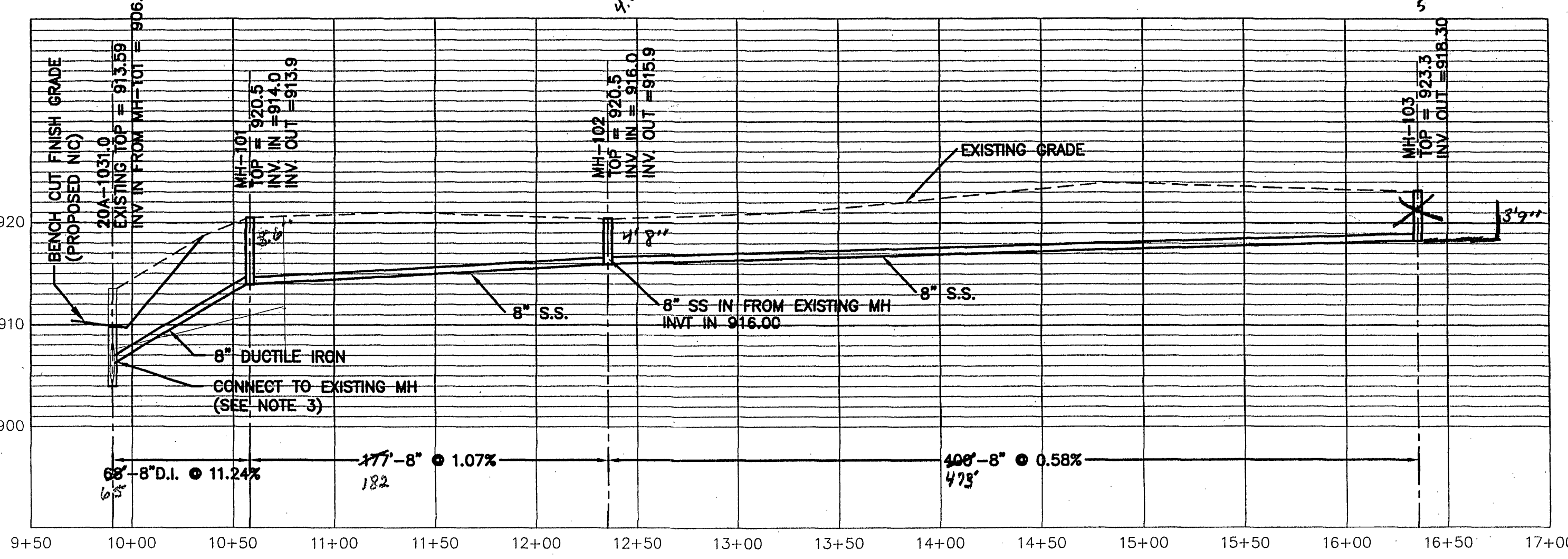
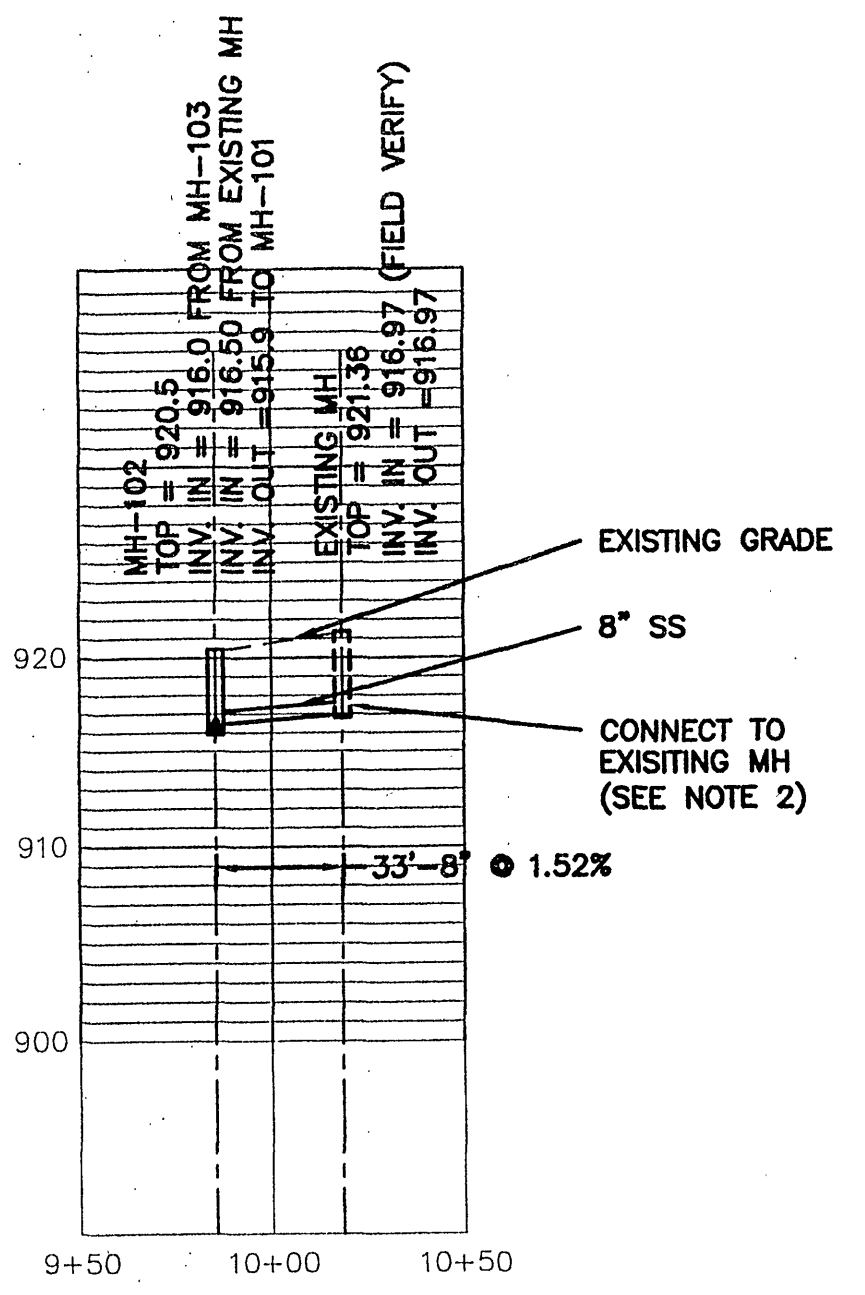
NIC
ELECTRIC POLE TO REMAIN IN BENCH CUT. COORDINATE WITH PRIVATE UTILITY TO AVOID DISTURBANCE OF POLE DURING EXCAVATION OF BENCH CUT.

NIC
EXIST GAS LINE TO BE ABANDONED IN PLACE BY OTHERS. COORDINATE EXTENT OF ABANDONMENT WITH ROANOKE GAS COMPANY.

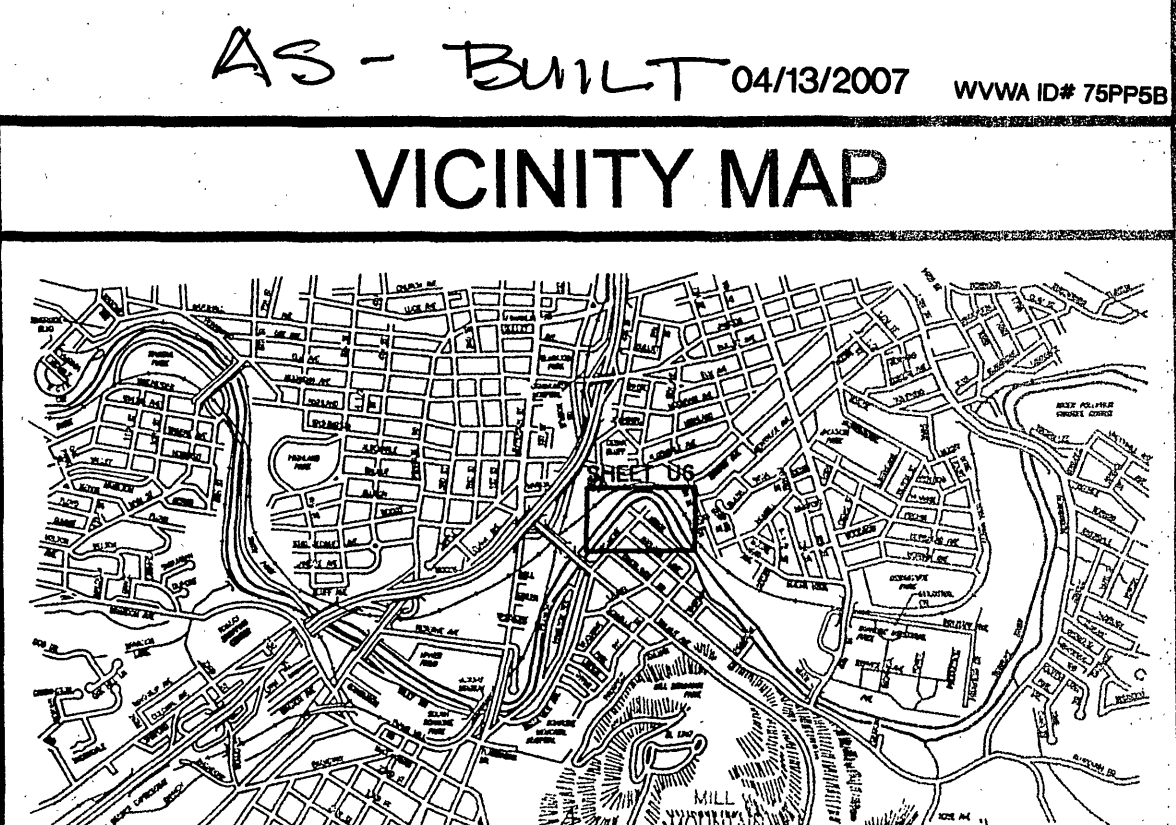
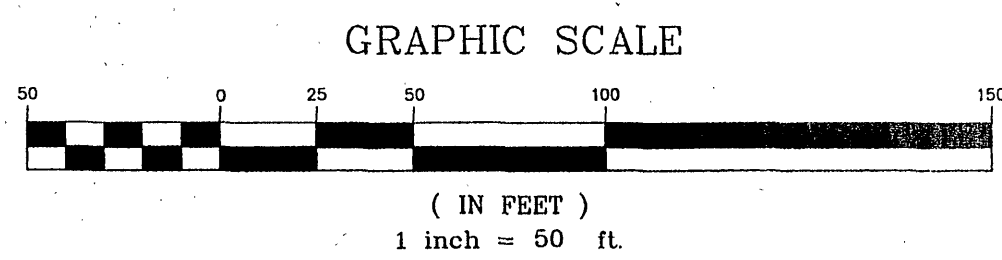
NIC
EXIST GAS LINE TO BE ABANDONED IN PLACE BY OTHERS. COORDINATE EXTENT OF ABANDONMENT WITH ROANOKE GAS COMPANY.

MANHOLE NO.	MH TYPE	EXIST TOP ELEV.	NEW TOP ELEV.	REMARKS
20A-3564.0	1	913.60	917.55	
20A-0038.0	1	914.73	910.88	
20A-1031.0	2	913.55	909.90	
20A-0037.0	1	913.11	909.90	
20A-1030.0	2	914.71	909.97	
20A-0036.0	1	911.49	909.48	
20A-1029.0	3	-	-	SEE SHIT U4
20A-0035.0	1	913.43	908.60	
20A-0034.0	1	911.84	908.74	

PROFILE 200
PROFILE EXISTING MH TO MH-102
HORIZ. SCALE: 1" = 50' VERT. SCALE: 1" = 10'



PROFILE 100
PROFILE MH 20A-1031.0 TO MH-103
HORIZ. SCALE: 1" = 50' VERT. SCALE: 1" = 10'



- E&S LEGEND
- SF 3.05 SILT FENCE
 - PS 3.32 PERMANENT SEEDING
 - TS 3.31 TEMPORARY SEEDING

1023- Length of lat is 17'4"
1019- Length of lat is 4'9"
1015- Length of lat is 3'3"
1011- Length of lat is 5'4"
Beside 913 lat length is 5'3"

Lat. mea for 1011 is 3+40
Lat mea for 1015 is 3+94
Lat for 1019 + 1023 come into m. # 103

APPENDIX 1: 10/10/06 COMMENTS PER CITY OF RVK. APPENDIX 2: 11/21/06 COMMENTS PER CITY OF RVK. APPENDIX 3: 10/10/06 COMMENTS PER WYVA. APPENDIX 4: 09/05/06 COMMENTS PER WYVA. APPENDIX 5: 01/16/07 COMMENTS PER CITY OF RVK.