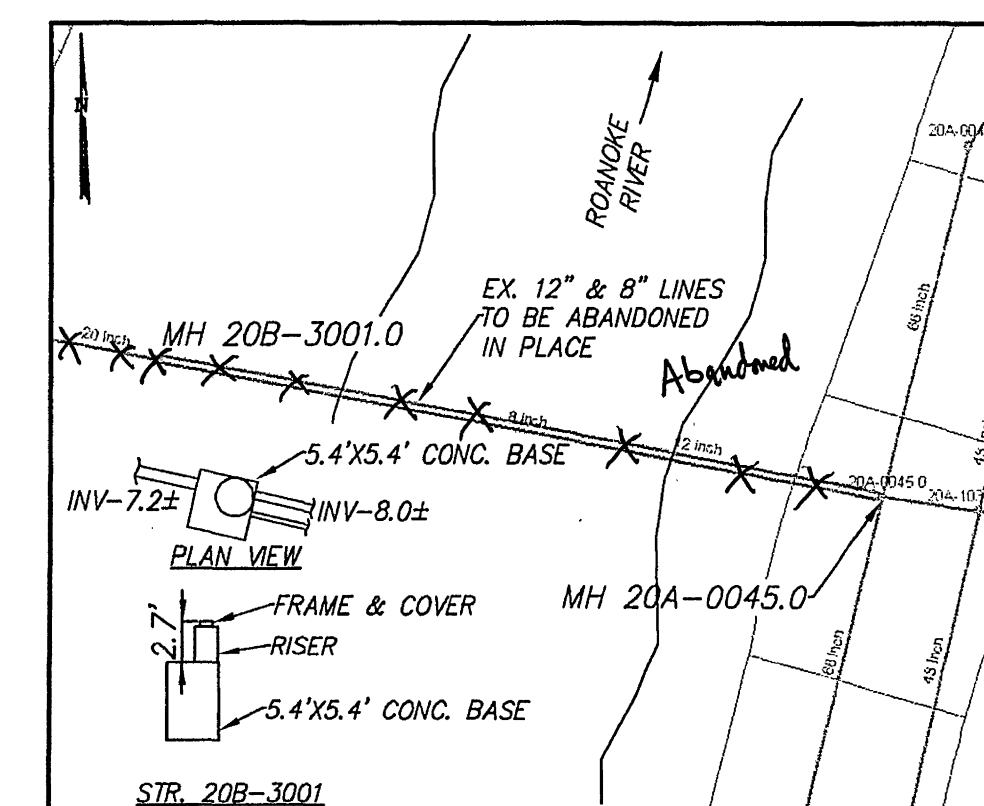
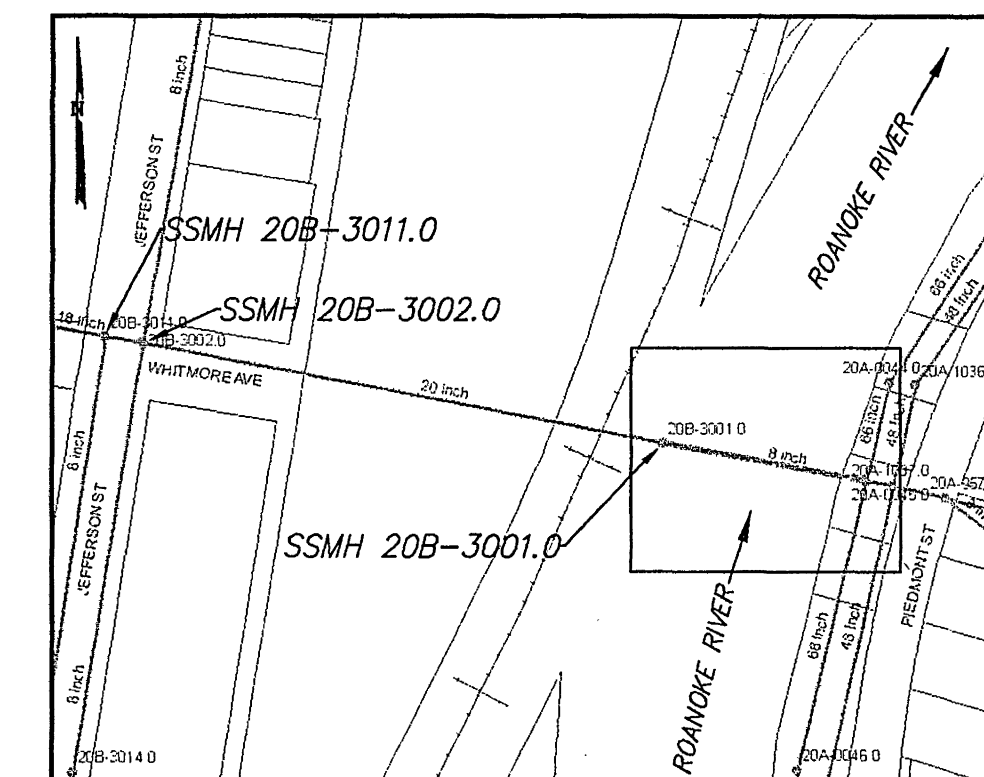
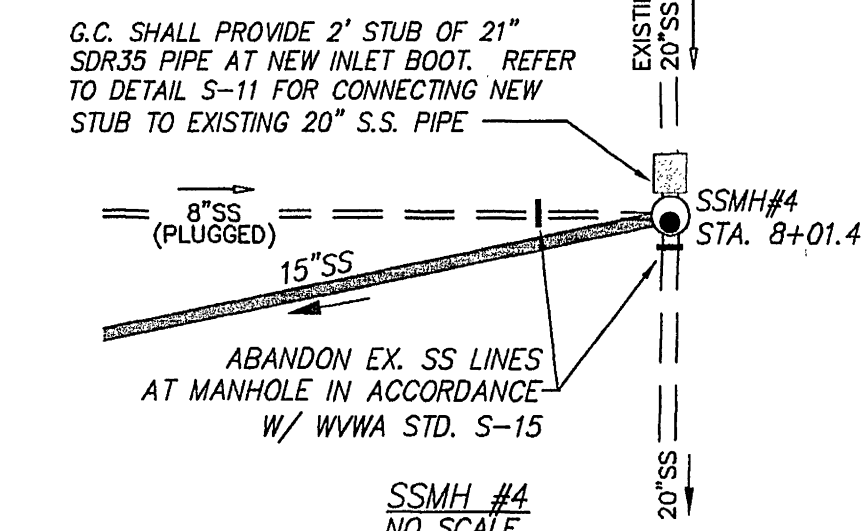
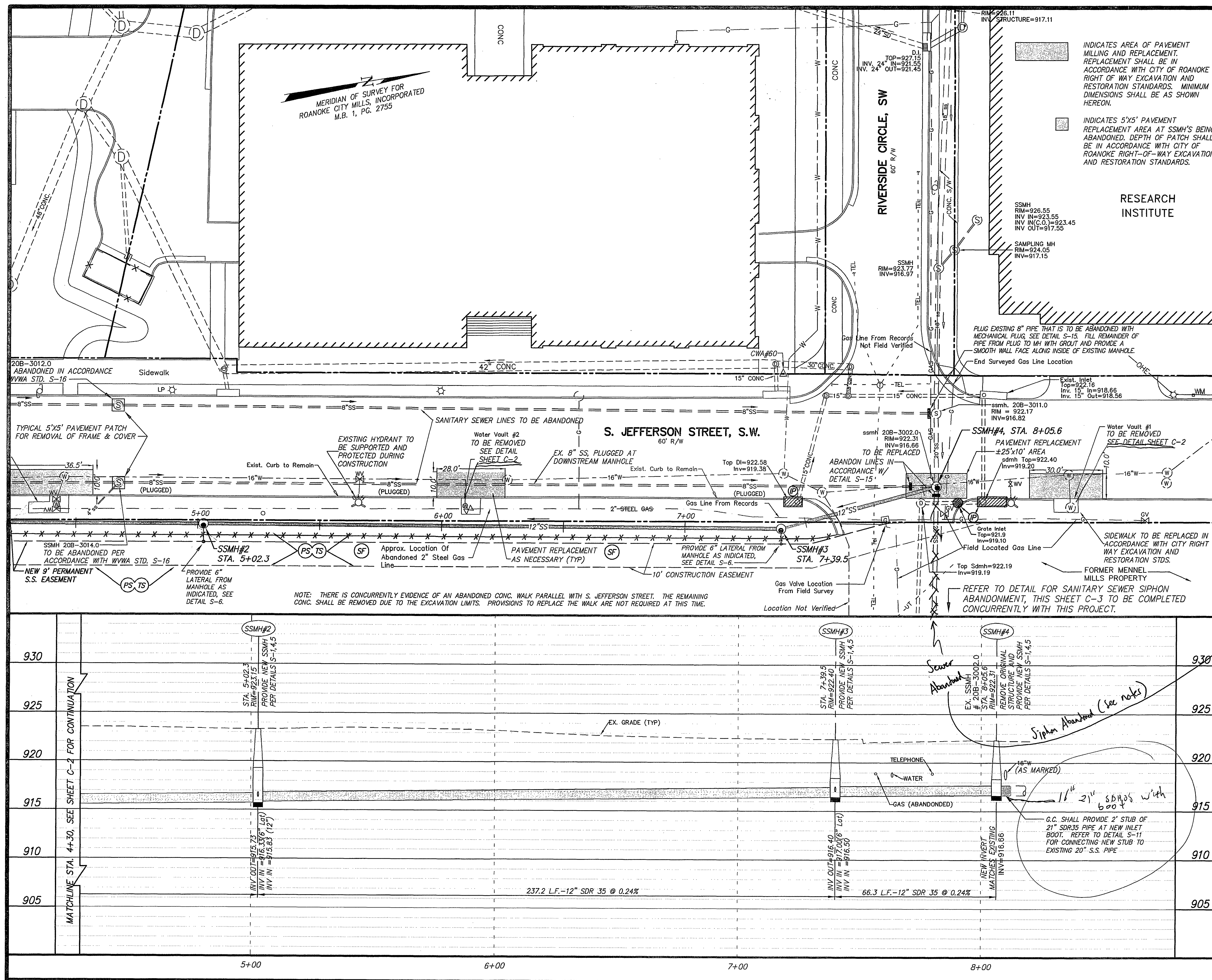




- NOTES:**
1. ABANDON SIPHON MANHOLE 20B-3001.0. MANHOLE FRAME AND COVER ALONG WITH ANY EXISTING GRADE RINGS SHALL BE REMOVED. MANHOLE CONCRETE SHALL BE DEMOLISHED TO A MINIMUM OF TWO FEET BELOW GRADE. EXISTING SEWER PIPES SHALL BE PLUGGED WITH A MASONRY BULKHEAD. REMAINING MANHOLE STRUCTURE SHALL BE FILLED WITH COMPACTED 40#21A STONE TO WITHIN TWO FEET OF THE SURROUNDING GRADE PRIOR TO BACKFILLING WITH TOP SOIL AND SEEDING.
 2. REMOVE 12-INCH AND 8-INCH SIPHON PIPES FROM MH20B-0045.0. PLUG PIPE PENETRATIONS IN MANHOLE CONCRETE WITH NON-SHRINK GROUT; BASF "MASTERFLOW 555" OR APPROVED EQUAL. INSTALL HYDROPHILIC RUBBER WATERSTOP ON CLEAN, UNDISTURBED CONCRETE SURFACE; ADEKA "ULTRA SEAL" OR APPROVED EQUAL.
 3. CONTRACTOR SHALL COORDINATE WITH NORFOLK-SOUTHERN RAILWAY FOR RIGHT OF ENTRY PERMIT & ACCESS TO SSMH 20B-3001.0. CONTACT SUPERINTENDENT OF VIRGINIA DIVISION, HASKEL STANBACK, (540) 981-4476, TO ARRANGE WORK & ISSUANCE OF PERMIT.

SANITARY SEWER SIPHON ABANDONMENT
NOT TO SCALE

TRAVERSE COORDINATES

PT. #	NORTHING	EASTING	ELEV. DESCR.
CWA#60	3620315.21	11063241.56	923.00 NAIL

NEW SSMH COORDINATES

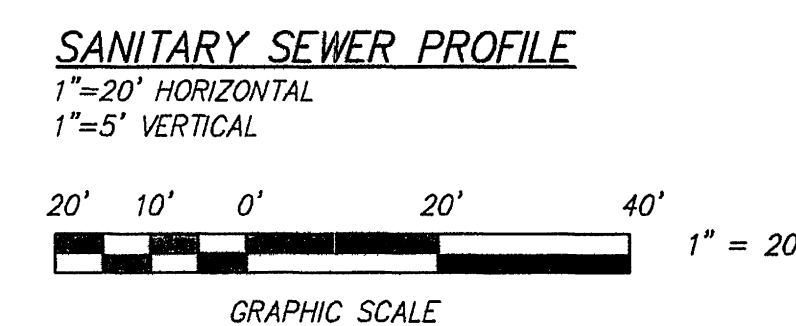
SSMH #	NORTHING	EASTING
2	3620070.63	11063264.81
3	3620304.57	11063303.74

PROFILE NOTES

-LINE LENGTHS INDICATED ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

-SLOPES OF INDIVIDUAL LINE RUNS INDICATED ARE CALCULATED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.

-CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL INVERTS OF EXISTING STRUCTURES AND ELEVATION OF EXISTING GRADE PRIOR TO BEGINNING CONSTRUCTION AND FOR NOTIFYING THE ENGINEER IF FIELD CONDITIONS DIFFER FROM THOSE INDICATED.



DESIGNED: _____
DRAWN: _____
CHECKED: _____
DATE: 01/26/10
REVISED: 03/12/13
TAX PARCEL: As Shown
M.B. No.: Carilion #11
W.O. No.: 09-0079

SANITARY SEWER PLAN & PROFILE
STA. 4+30.0 TO STA. 8+10±
FOR THE WESTERN VA. WATER AUTHORITY
1700 JEFFERSON STREET
SEWER PROJECT
SITUATE SOUTH JEFFERSON STREET
CITY OF ROANOKE, VA.

CALDWELL WHITE ASSOCIATES
ENGINEERS / SURVEYORS / PLANNERS
4203 MELROSE AVENUE, N.W.
P.O. BOX 6380
ROANOKE, VIRGINIA 24017
(540) 366-3400
FAX: (540) 366-8702