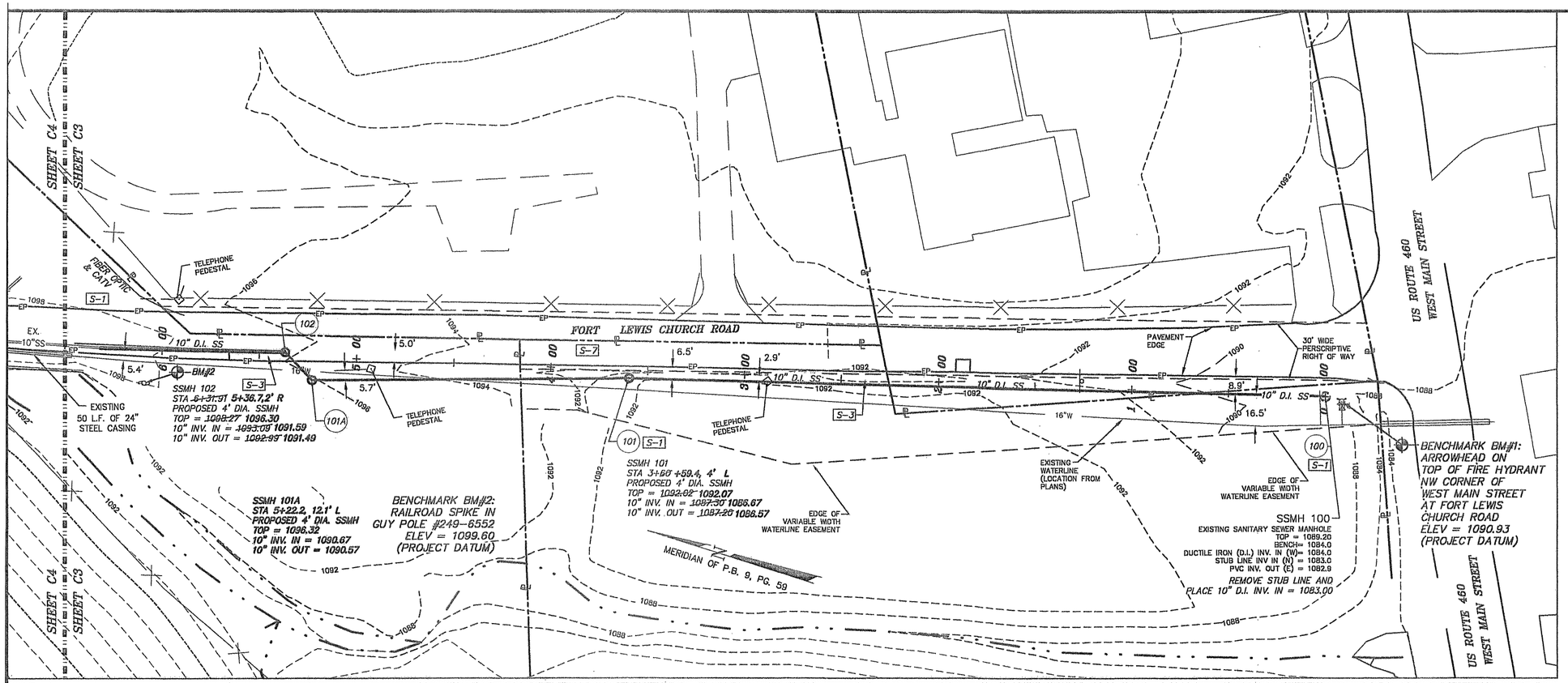

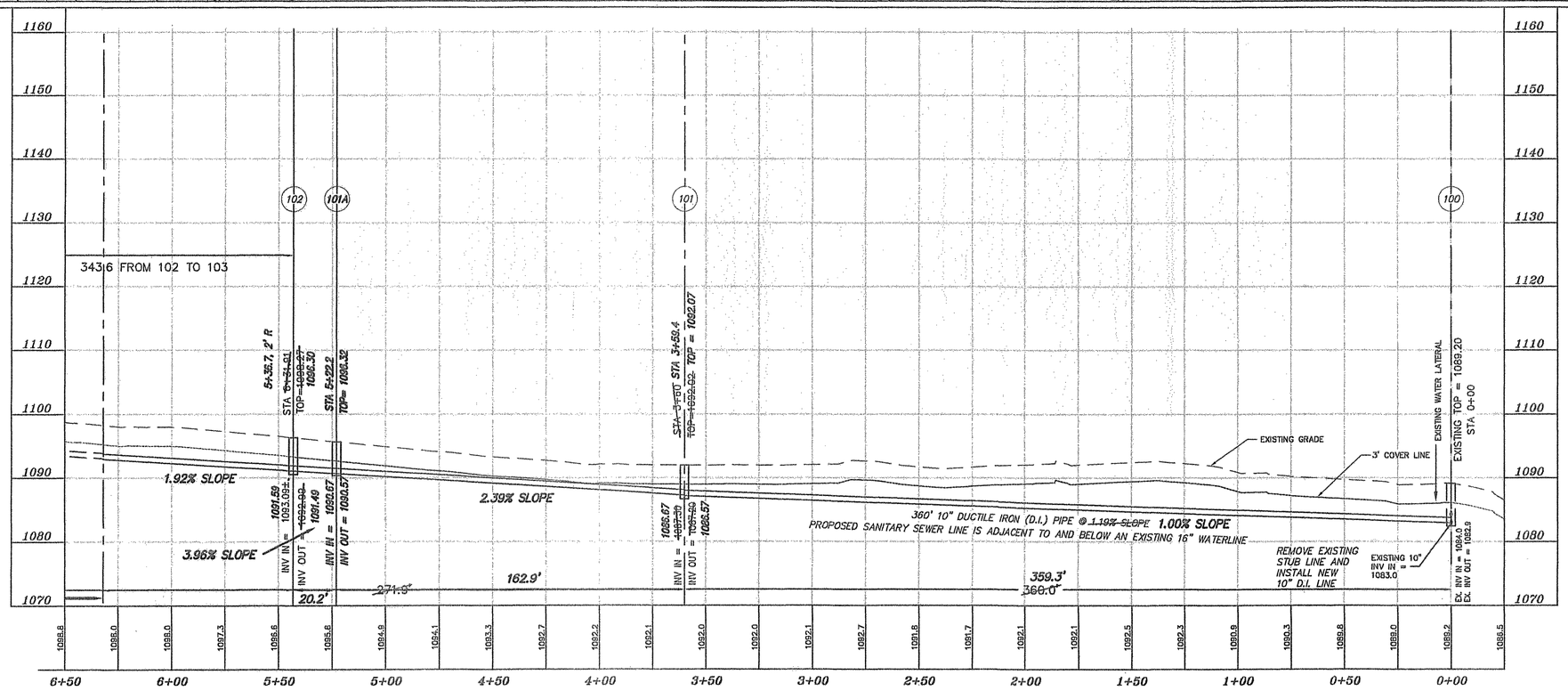

SANITARY SEWER PROFILE. SCALE: HORIZ: 1" = 30'. VERT: 1" = 10'

GENERAL NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE BASED UPON FIELD LOCATIONS OF VISIBLE ITEMS. THE CONTRACTOR SHALL ANTICIPATE ENCOUNTERING UNDERGROUND ELECTRIC, TELEPHONE, CABLE LINES, EXISTING WATERLINES, AND EXISTING DRAINAGE LINES. THE CONTRACTOR SHALL CONTACT "MISS UTILITY" PRIOR TO ANY EXCAVATION.

2. AS NOTED ON THE COVER, THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN AND SUBMIT TO VDOT PRIOR TO COMMENCING WITH ANY WORK. THE CONTRACTOR SHALL PLAN FOR ONE LANE OF TRAFFIC TO BE OPEN AT ALL TIMES. NIGHT TIME OPERATIONS ARE NOT PLANNED AT THIS TIME; HOWEVER, VDOT MAY REQUEST THAT PORTIONS OF WORK BE COMPLETED AT NIGHT FOR CERTAIN AREAS.

3. IN AREAS OF PAVEMENT RECONSTRUCTION, THE CONTRACTOR SHALL PROVIDE A NEAT, VERTICAL SAW CUT ALONG THE PAVEMENT EDGE TO BE REMOVED. THE CONTRACTOR SHALL PROTECT THE SAW CUT FOR THE PAVEMENT RECONSTRUCTION PROCESS IN ACCORDANCE WITH VDOT AND THE WESTERN VIRGINIA WATER AUTHORITY (WVWA).

4. AS NOTED ON THIS SHEET, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF THE INVERT IN TO MANHOLE 102 PRIOR TO PLACING LINE FROM 102 TO 101.

5. PER AS BUILT PLANS AND VISIBLE EVIDENCE, THERE IS AN EXISTING 10-INCH DUCTILE SANITARY SEWER LINE IN PLACE FROM THE PROPOSED LOCATION OF MANHOLE 104 THROUGH 103 TO PROPOSED MANHOLE 102. THE CONTRACTOR SHALL PROVIDE A PROVISIONAL BID ITEM TO RECONSTRUCT THIS LINE, SHOULD PRESSURE TESTING IN THIS AREA NOT PASS THE CURRENT REQUIREMENTS.

6. THE CONTRACTOR SHALL NOTE THAT THE PROPOSED SANITARY SEWER LINE FROM MANHOLE 100, THROUGH MANHOLES 101, 102, 103, 104, TO 105 IS IN CLOSE PROXIMITY TO AN EXISTING 16-INCH WATERLINE AND 8-INCH WATERLINE. THE CONTRACTOR SHALL USE CARE WHEN INSTALLING THE PROPOSED SANITARY SEWER LINE. SPECIAL TESTING REQUIREMENTS ARE REQUIRED FOR THE ABOVE DESCRIBED LINES. DUCTILE IRON PIPE IS REQUIRED WHERE SHOWN.

7. REFERENCE IS DIRECTED TO THE BENCHMARKS SHOWN ON THE PLAN. THESE BENCHMARKS ARE BASED ON A PROJECT DATUM TO MATCH ROANOKE COUNTY AERIAL TOPOGRAPHY. AN ACTUAL FIELD SURVEY WAS PERFORMED TO LOCATE EXISTING FEATURES AND GRADES WITHIN THE SANITARY SEWER ALIGNMENT. CONTOURS SHOWN WITHIN THE SANITARY SEWER ALIGNMENT ARE BASED ON ACTUAL FIELD SURVEYS.

8. REFERENCE IS DIRECTED TO THE ASSOCIATED PROFILE SHOWING ADDITIONAL CONSTRUCTION ITEMS.

9. REFERENCE IS DIRECTED TO THE REQUIRED EROSION CONTROL MEASURES FOR THE SANITARY SEWER INSTALLATION. REFERENCE IS DIRECTED TO THE "EROSION CONTROL NARRATIVE & DETAILS" FOR ADDITIONAL INFORMATION AND QUANTITIES.

10. REFERENCE IS DIRECTED TO THE SANITARY SEWER MANHOLE DETAILS FOR CONSTRUCTION ANGLES AND LINES ENTERING AND LEAVING THE MANHOLE.

11. REFERENCE IS DIRECTED TO SHEET C2 FOR DESCRIPTION OF "S-#" AND HOW IT CORRESPONDS TO THE WESTERN VIRGINIA WATER AUTHORITY DETAIL "DD-##".

30' 0' 30' 60'
1" = 30'
GRAPHIC SCALE

AS-BUILT

REISSUED: DEC. 16, 2005 - MANHOLE 102 REVISION
REVISED DEC. 9, 2005: AS-BUILT SURVEY OF SANITARY SEWER MANHOLES

COMMONWEALTH OF VIRGINIA
PAUL J. BROWN
CERTIFICATE NO. 036148
12-16-05
PROFESSIONAL ENGINEER

SANITARY SEWER PLAN - STA 0+00 THRU 6+50
OF
PUBLIC SANITARY SEWER EXTENSION FROM WEST MAIN STREET TO PROPERTY OWNED BY TOWNSIDE CONSTRUCTION CO., INC.
CATAWBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA
REVISED: 03 DECEMBER 2004 SCALE: 1" = 30'

DESIGNED BY PJ BROWN
DRAWN BY PJB
CHECKED BY PJB
W.O. # 04-0071
N.B. JR-248
TAX NO. 054.04-05-01

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