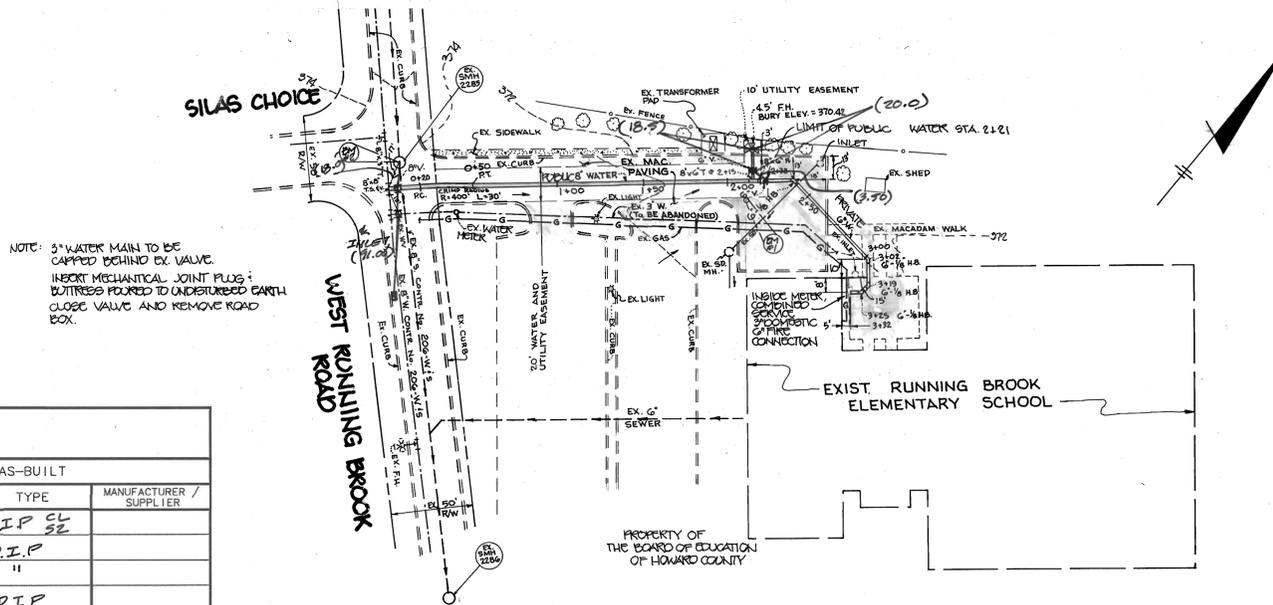
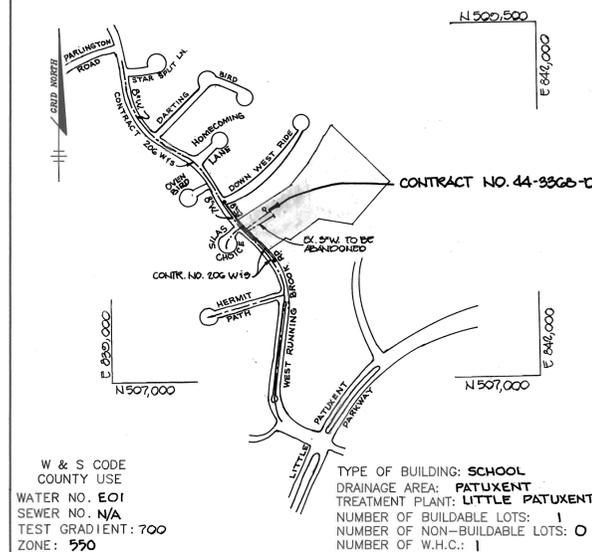


WATER EXTENSION RUNNING BROOK ELEMENTARY SCHOOL CONTRACT NO. 44-3368-D 5th ELECTION DISTRICT



NOTE: 8" WATER MAIN TO BE CAPPED BEHIND EX. VALVE. INSERT MECHANICAL JOINT PLUGS; BUTTRESS POURED TO UNDISTURBED EARTH. CLOSE VALVE AND REMOVE ROAD BOX.

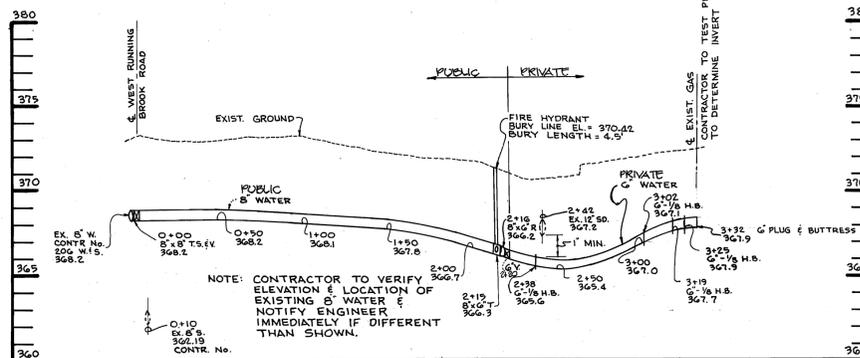
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER / SUPPLIER
8" WATER MAIN	215 L.F.	215.00	D.I.P. CL 52	
6" VALVE	2 EA.	# 2	D.I.P.	
FIRE HYDRANT	1 EA.	# 1	"	
8" x 6" T.E. + V.	1 EA.	# 1	D.I.P.	
8" x 6" TEE	1 EA.	# 1	D.I.P.	
8" x 6" REDUCER	1 EA.	# 1	D.I.P.	
NAME OF UTILITY CONTRACTOR: UTILITIES UNLIMITED				

CHECKBOX	
AS-BUILT DATE	5/16/95
SURVEY & DRAFTING DIVISION	

Sediment control measures for this contract will be implemented in accordance with Section 219 of the Specifications. SEE GENERAL NOTE # 19.

Review for Howard Soil Conservation District and meets technical requirements.
J.G. Waples 6/30/94
 SOIL CONSERVATION SERVICE DATE

This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.
[Signature] 6/30/94
 HOWARD SOIL CONSERVATION DISTRICT DATE



BENCHMARK DATA

BENCH MARK #1 - ELEV. = 371.40
 NAIL SET 45.00' FROM S.W. BOUNDARY CORNER
 BENCH MARK #2 - ELEV. = 273.54
 TOP SAN. SEWER MANHOLE @ INTERSECTION OF WEST RUNNING BROOK ROAD AND SILAS CHOICE
 NOTE: ELEVATIONS ARE BASED ON ASSUMED DATUM.

1. Approximate location of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately to the satisfaction of the Engineer at the Contractor's expense.
2. All horizontal controls are based on Maryland State Coordinates.
3. All vertical controls are based on U.S.C.S. data.
4. All pipe elevations shown are invert elevations.
5. Clear all utilities by a minimum of 6". Clear all poles by 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
6. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction. (Latest Edition). The contractor shall have a copy of Volume IV on the job.
7. Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
8. Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

State Highway Administration	531-5533
Baltimore Gas & Electric Co. Contractor Services	850-4620
Baltimore Gas & Electric Co. Underground Damage Control	787-8068
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	795-1390
Bureau of Utilities, Howard County Department of Public Works	313-4900
9. Trees shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed or damaged by the contractor.
10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.
11. All water mains to be D.I.P. Class 52 unless otherwise noted.
12. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
13. Valves adjacent to tees shall be strapped to tees.
14. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
15. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.
16. The contractor shall not operate any water main valves on the existing water system.
17. All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
18. CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 319-2400 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COURSE OF ANY ROAD OR WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.1(d) OF THE HOWARD COUNTY CODE.
19. SEDIMENT CONTROL TO BE PROVIDED ON AN AS NEEDED BASIS TO BE DETERMINED IN THE FIELD BY THE SEDIMENT CONTROL INSPECTOR.
20. CONTRACTOR TO PROVIDE TRAFFIC CONTROL DURING CONSTRUCTION IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. (LATEST EDITION).
21. CONTRACTOR TO PROTECT THE EXISTING SHRUBS OR TREES AND REPLACE ANY DAMAGED DURING CONSTRUCTION.
22. THE EXISTING WATER METER IS TO BE REUSED INSIDE THE BUILDING.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 6/30/94
 DIRECTOR OF PUBLIC WORKS DATE

[Signature] 6/30/94
 CHIEF, BUREAU OF UTILITIES DATE

RIEMER MUEGGE & ASSOCIATES, INC.
 Planners • Engineers • Surveyors
 8818 Centre Park Drive • Suite 200 • Columbia, Md 21045
 410-397-8900 FAX: 410-397-9282

[Signature]
 JAYKANT D. PAREKH # 19148

DES: J.C.D.	
DRN: J.C.D./R.J.C.	
CHK: D.R.F.	
DATE: 5/29/94	
BY: NO.	
REVISION	

WATER PLAN AND PROFILE

600' SCALE MAP NO. 30 BLOCK NO. 14

RUNNING BROOK ELEMENTARY SCHOOL

TAX MAP 30 PARCEL 258
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 CONTRACT NO. 44-3368-D

SCALE AS SHOWN
 SHEET 1 OF 1

3368 WS/1 RUNNING BROOK ELEMENTARY School - Water Ext.