

QUANTITIES AS-BUILT QUANTITIES ITEMS ESTIMATED MANUFACTURER QUANTITIES TYPE SUPPLIER DIP 52 TJ GRIFFIN O' WATER 133 LF G' WATER △ 69 LF DEP 52 TJ GRIFFIN Clon KENNED 8' 8" T, 3, ! V 1 EA MJ, DIP B'x G' REDUCER 1 BA M.J. DIP GRIFFIN As s A 81-1/8 H.B. M.J. D.I.P. GRIFFIN 1 2 EA. G"YALYE WIT THE YOUR KENNEDY FIRE HYDRANT KENNEDY No HB M.J. DIP GRIFFIN NAME OF UTILITY CONTRACTOR: RONKIN CONST. CHECKBOX Sediment control measures for this contract will be implemented in accordance with Section AS-BUILT DATE 10-11-97 219 of the Specifications SURVEY AND DRAFTING DIVISION Review for Howard Soil Conservation District and meets technical requirements.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

This plan is approved for soil erosion and

District.

sediment control by the Howard Soil Conservation

CONSERVATION DISTRICT

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

RIEMER MUEGGE & ASSOCIATES, INC ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SURVEYING

110-997-8900 FAX: 110-997-9282 5URVEY/95H1145 WS1.DWG

8818 Centre Park Drive . Suite 200 . Columbia, MD 21045 JAYKANT D. PAREKH # 19148

ļ	DES: CJR				
١	DRN: MAD				
	CHK: JOP				
	DATE 305 04	R7C	Δ	REV. LOCATION OF WHO, PLAN, PROFILE & QUANTITES	12.9.96
<u>B</u>	DATE: 723.96	BY	NO.	REVISION DATE	

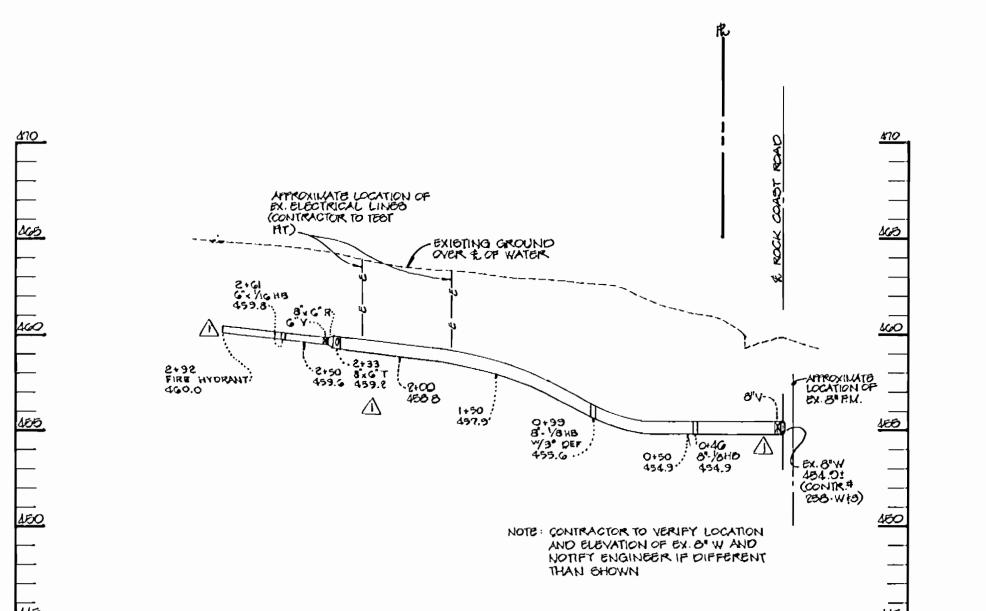
PLAN AND PROFILE OF A WATER MAIN

600' SCALE MAP NO. 20 135 BLOCK NO. 23 15

5 ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT 44-3556-D

SCALE AS SHOWN

SHEET 1 CF 1



20. Fire hydrants will be located 3' FRCM BACK OF CURB unless otherwise noted. 21. For sprinkler systems, all townhomes or multi-family dwelling units

should have a minimum of 1" connection with a 3/4" meter. County road or baring\jacking operation in County roads for laying

CONTRACT NO 44-3556-0

VICINITY MAP

SCALE: 1"=600'

GENERAL NOTES

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

8. Contractor shall notify the following utility companies or agencies at least five working days before starting work shown on these plans:

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not to be removed ar

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

12. Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise

14. All fittings shall be buttressed or anchored with concrete in accordance

compacted in accordance with Section 1000 and 1005 of the Standard

16. The contractor shall not operate any water main valves on the existing

17. All water house connections shall be for inside meter setting unless

sequences, procedures, and safety precautions and programs.

19. The fire hydrant shall be installed as per standard detail W.1.11.

15. Fire hydrants shall be set to the bury line elevations shown on the

with the Standard Details unless otherwise provided for on the drawings.

18. Contractor is solely responsible for construction means, methods, techniques,

drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with Standard Details. Soil around the fire hydrant shall be

construction operations at his own expense.

Baltimore Gas & Electric Co. Contractor Services

Baltimore Gas & Electric Co. Underground Damage Control

11. All water mains to be D.I.P. Class 52 unless otherwise noted.

13. Valves adjacent to tees shall be strapped to tees.

otherwise noted on plans or in specifications.

Bureau of Utilities, Howard County Department of Public Works

State Highway Administration

dumaged by the contractor.

construction of the main.

Miss Utility

Specifications.

water system.

Colonial Pipeline Co.

TYPE OF BUILDING: ELEMENTARY SCHOOL

TREATMENT PLANT: LITTLE PATUXENT

531-5533

850-4620

787-9068

795-1390

313-4900

1-800-257-7777

DRAINAGE AREA: PATUXENT

NUMBER OF W.H.C.: 1

22. The contractor shall notify the Bureau of Highways, Howard County, at (410) 313-7450 at least five (5) working days before any open cut of any water\sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 13.114(a)

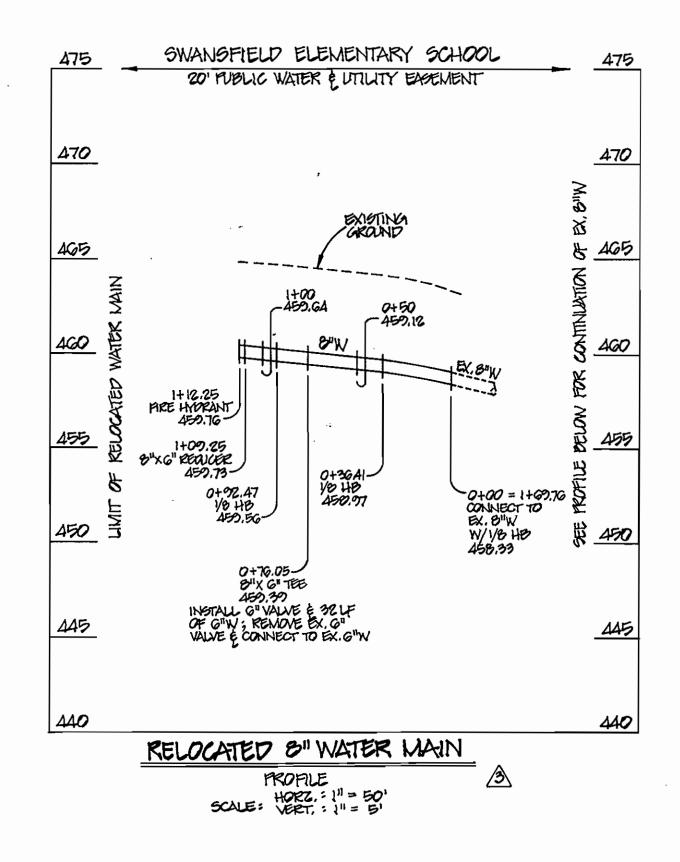
of the Howard County Code. 83. Bediment control to be provided on an as needed basis to be determined in the field by the Sediment Control Inexector

24. Contractor to provide traffic control during construction in accordance with the Manual On Uniform Traffic Control Devices (Latest Edition).

23. Contractor to protect the existing trees or chrubs and replace any domaged during construction.

26. Existing water meter to be removed and returned to Eureau of Utilities. Abandon meter vault.

SWANSFIELD ELEMENTARY SCHOOL



	QUA	NTITIES		
	QUANTITIES	AS-BUILT		
ITEMS	ESTIMATED	QUANTITIES	TYPE	MANUFACTURER / SUPPLIER
O" WATER	△ 233 LF	255'	DIP 521J	GRIFFIN
G' WATER	△ 69 LF	76'	DIP 52TJ	GRIFFIN
&* & T, 5, ∮ V	1 EA.	+	MJ, DIP	Clow KENNEDY
6"×6" REDUCER	I EA.	1	M.J, DIP	GRIFFIN
8"-1/8 H.B.	△ 2 E A.	2	M.J. D.I.P.	GRIFFIN
G" VALVE	<u> </u>	. 2	M. J. GATE VALVE	KENNEDY
FIRE HYDRANT	I EA.	1		KENNEDY
1/16 HB		t	M.J. DIP	GRIFFIN
NAME OF UTILITY CONTRACT	CTOR: Ronkin	Covet.		
Sediment control me	CHECKBOX			
will be implemented 219 of the Specifications	AS-BUILT DATE	10-21-97		
210 07 the opening them	SURVEY AND DRAFTING DIVISION			
			4	

meets technical requirements. This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District. DEPARTMENT OF PUBLIC WORKS

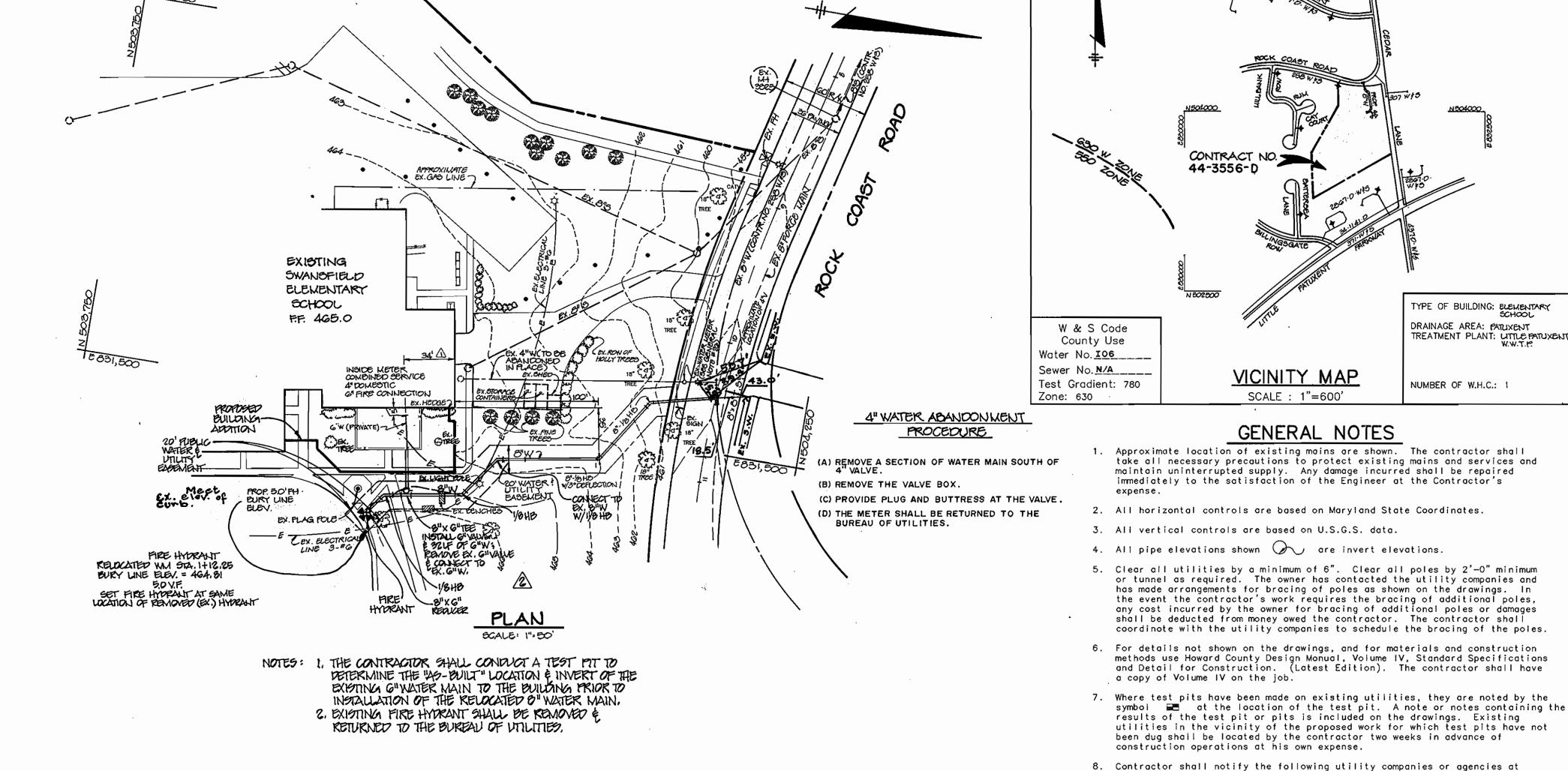
HOWARD COUNTY, MARYLAND

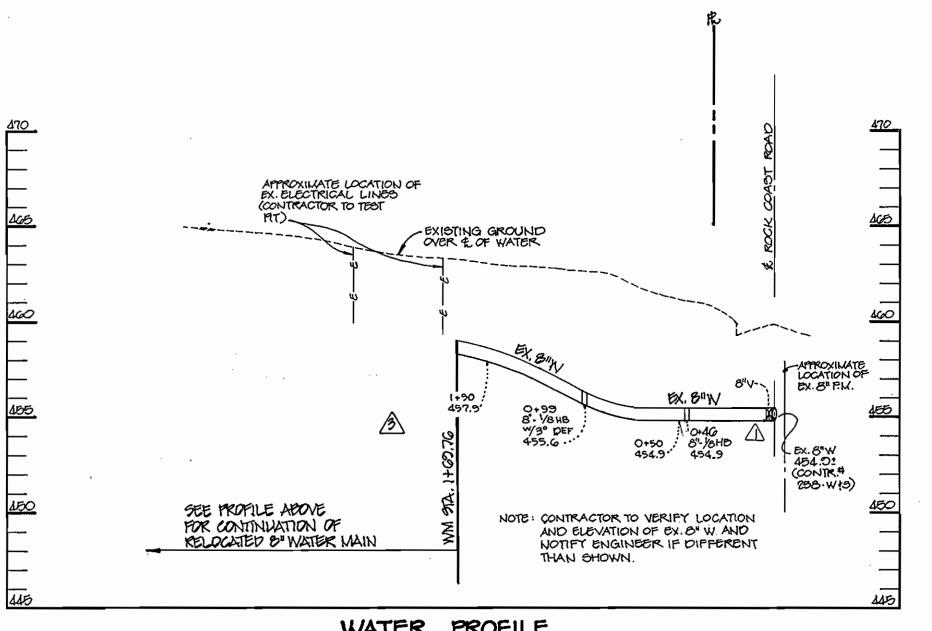
Review for Howard Soil Conservation District and

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

RIEMER MUEGGE & ASSOCIATES, INC ENGINEERING • ENVIRONMENTAL SERVICES • PLANNING • SÚRVEYING 8818 Centre Park Drive . Suite 200 . Columbia, MD 21045 410-997-8900 FAX: 410-997-9282 SURVEY/95H1145 WS1.DWG

FIGHER, COLLIND & CARTER, INC. FOR REVISIONS (2) & (3) ANLY





WATER PROFILE

ECALE VERT : 1" . 5

REVISION

PLAN AND PROFILE

SWANSFIELD ELEMENTARY SCHOOL 5TELECTION DISTRICT HOWARD COUNTY, MARYLAND

AS SHOWN CONTRACT 44-3556-D

TYPE OF BUILDING: ELEMENTARY SCHOOL

NUMBER OF W.H.C.: 1

DRAINAGE AREA: PATUXENT
TREATMENT PLANT: UTTLE PATUXENT
W.W.T.P.

787-9068

795-1390

313-4900

1-800-257-7777

600' SCALE MAP NO. 20 : 35 BLOCK NO. 25 : 5

otherwise noted on plans or in specifications. of the Howard County Code. Sediment Control Inspector.

22. The contractor sholl notify the Bureau of Highways, Howard County, ot (410) 313-7450 at least five (5) working days before any open cut of any County road or boring\jacking operation in County roads for laying water\sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirements per Section 18.114(a)

24. Contractor to provide traffic control during construction in accordance with the Manual On Uniform Traffic Control Devices (Latest Edition).

26. Existing water meter to be removed and returned to Bureau of Utilities. Abandon meter vault.

DES: CJR DRN: MAD ADD PROFILE OF RELOCATED 8" WATER MAIN RELOCATE PORTION OF 8"W TO ALLOW BUILDING ADDITION REV. LOCATION OF WHC; PLAN, PROFILE & QUANTITES 12-9-90 DATE: 7.23.96

OF A WATER MAIN

9. Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip ore 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. 13. Valves adjacent to tees shall be strapped to tees.

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Bureau of Utilities, Howard County Department of Public Works

State Highway Administration

Miss Utility

Coloniol Pipeline Co.

CONTRACT NO

VICINITY MAP

SCALE : 1"=600'

GENERAL NOTES

44-3556-D

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JAYKANT D. PAREKH # 19148

BY NO.

SHEET _ OF <u>1</u>