

SCALE : 1" = 600'

Benchmarks

3/4" Rebor 0.4' below surface 54.7' South of curb on Md. Rte 108, 175' teast of 4 Phelps Luck Drive

Noil in stone at property corner columbia

BM

BM 2

CONTRACT NO.

24-3335-D

COLUMBIA 100 OFFICE RESEARCH PARK SECTION I AREA 2, PARCEL Z

> COUNTY, MARYLAND HOWARD DEPÁRTMENT OF **WORKS PUBLIC**

single family attached TYPE OF BUILDING NUMBER OF UNITS NUMBER OF SHC's NUMBER OF W.H.C.'s Rte. 100 pumping station DRAINAGE AREA

GENERAL NOTES

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.G.S. data.

4. All pipe elevations shown are invert elevations.

5. Clear all utilities by a minimum of 6". Clear all poles by a 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 the 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 agencles at least five working days before starting work shown on these plans:

> State Highway Administration. .531-5533 BG&E Co. Contractor Services . 850-4620 BG&E Co. Under Ground Damage Control..... 787-9068 1-800-257-7777 Miss Utility Colonial Pipeline Co..... 795-1390 Howard County Dept. of Public Works, Bur. of Utilities...

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 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.

PART II - WATER

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

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

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

4. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.

5. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be strapped and butressed with concrete in accordance with Standard Details. Soil ground the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.

6. The contractor shall not operate any water main valves on the existing water system. 7. All water house connections shall be for mode meter setting unless otherwise noted on plans or in specifications.

PART III - SEWER

1. All sewer mains shall be DIP, RCP, VCPX, CSPX, RCCP and P.V.C. unless otherwise noted.

3. All manholes shall be 4'-0'' inside diameter unless otherwise noted.

4. Force mains shall be D.I.P. only.
5. Manholes shown with 12" and 16" walls are for brick manholes only.

6. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight manhole frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted

7. House(s) with the symbol "C.N.S." indicates that the cellar cannot be served

	QU	ANTITIES			
		AS-BUILT			
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER	
U*W	58 L.F.	43'	PIP CL 52	ATLANTIC STATES	
8"W	755 L.F	755'	DIP EL SZ	tı (1	
Z*WHC	144 L F	148'	TY K	CAMBRIDGE IND	
Fire Hydronts	ラ E ム	3 43	A 413 PVC STD 35	MUELLER AI PIPE	
8"7	うつし.ド				
1/8 bend	ラ きん	9	MJ	TYLER PIPE	
1/32 band	I EA.		11	н //	
8×0°T	I E A	4	11	11 11	
(a) V	(EA	4	MJRS	MUELLER	
MH	-1	Į.	PRECAST	ATLANTIC CONCRETE	
NAME OF UTILITY O	CONTRACTOR:		SURVEY AND DRAFTING DIV		

ZND ELECTION DISTRICT

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

Sediment Control Measures will be implemented in

Sediment & Erosion Control.

REQUIREMENT.

SIGNATURE

SOIL CONSERVATION DISTRICT

DISTRICT AND MEETS TECHNICAL

accordance with Section 219 of the Specifications 8 with Site Development Plan SOP 94-52; Drawings

REVIEWED FOR HOWARD SOIL CONSERVATION

U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL

EROSION AND SEDIMENT CONTROL BY THE HOWARD

GEW GUTSCHICK LITTLE&WEBER, P.A. ENGINEERS, PLANNERS, SURVEYORS BURTONSVILLE, MD. 20866

(301) 421 - 4024



	DATE: 3/074	BY	NO.	REVISION	DATE	600' SCALE MAP NO		
')	2/m	MCF	1	revise meter setting from outside to inside in gen notes & plan view	14/10/94			
	снк: <i>Р.Е.V.</i>					TITLE SHEET		
DF	DRN: /K					CONSTRUCTION PLANS		
						PUBLIC WATER		
1	DES: /				1			

ORCHARD CROSSING COLUMBIA 100 OFFICE RESEARCH PARK SECTION I AREA Z PARCEL Z CONT. # 24-3335 D

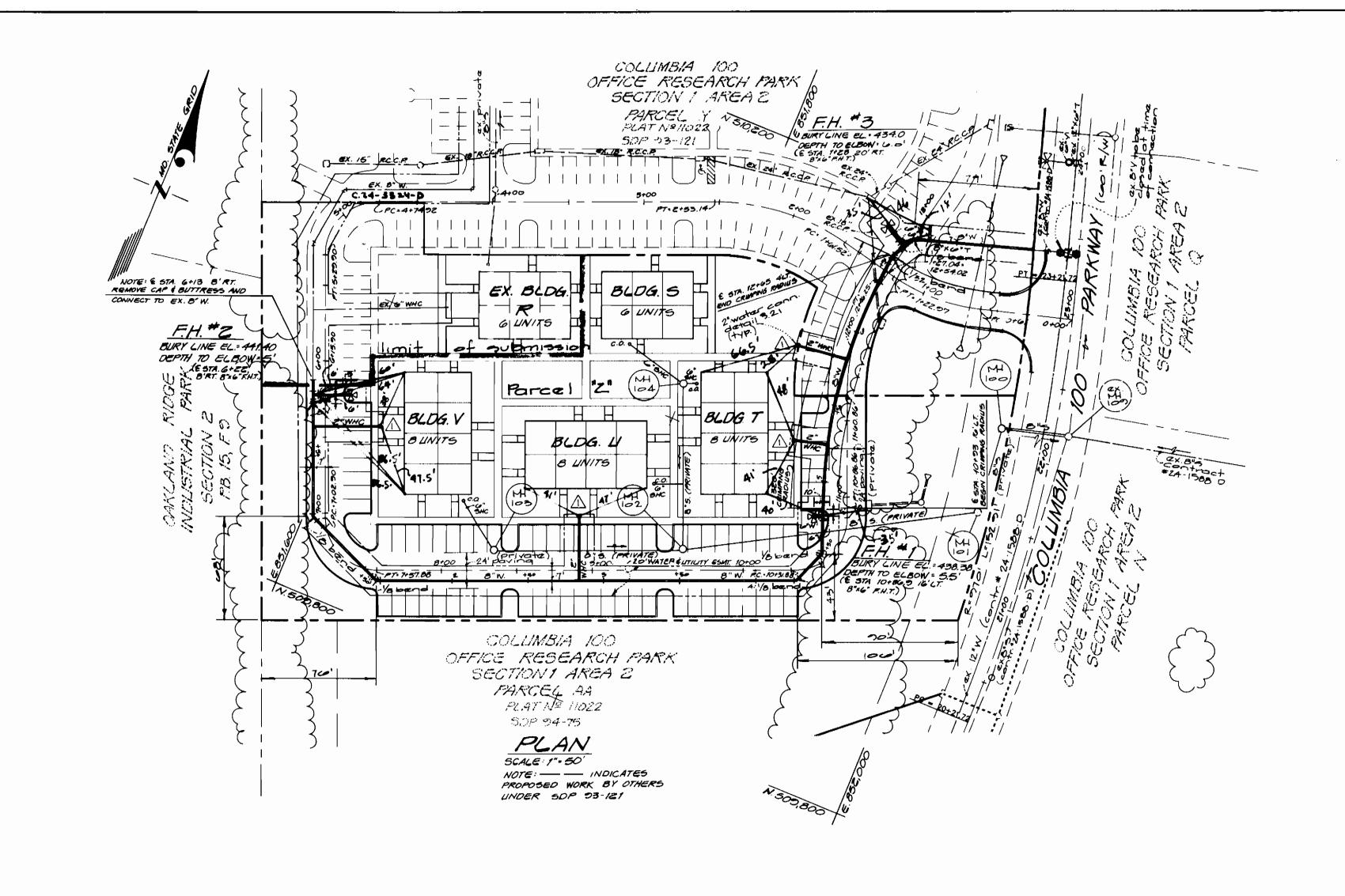
HOWARD COUNTY, MARYLAND

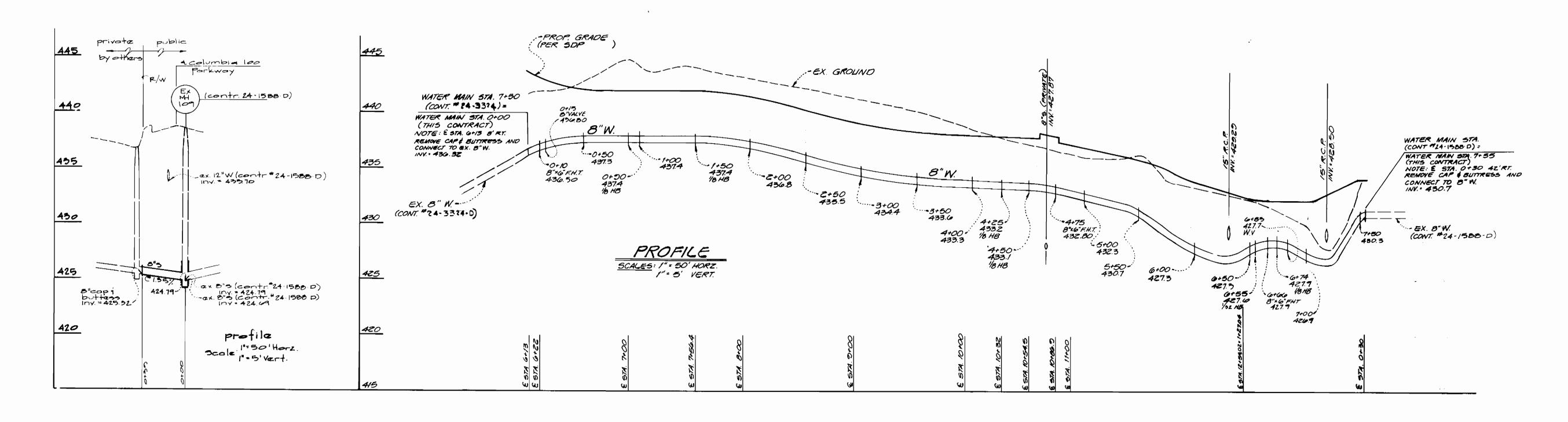
1 OF Z

SCALE

SHEET





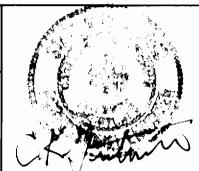


GEW GUTSCHICK LITTLE&WEBER, P.A.

ENGINEERS, PLANNERS, SURVEYORS

3909 NATIONAL DRIVE: SUITE 250 BURTONSVILLE OFFICE PARK
BURTONSVILLE, MD. 20966

(301) 421 - 4024



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D	RN: #K				
C	нк: <i>D.E.V.</i>				
-		MCF	3	rav. mater settings from outside to inside	11/10/
D	ATE: 3/074	BY	NO.	REVISION	DA

PUBLIC WATER

CONSTRUCTION PLANS

PLAN AND PROFILE SHEET

194

ATE 600'SCALE MAP NO. 30 BLOCK NO. 12418

ORCHARD CROSSING

COLUMBIA 100 OFFICE RESEARCH PARK

SECTION 1 AREA 2 PARCEL Z

CONT. # 24-3335-D

END ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE
AS
SHOWN
SHEET
COF C