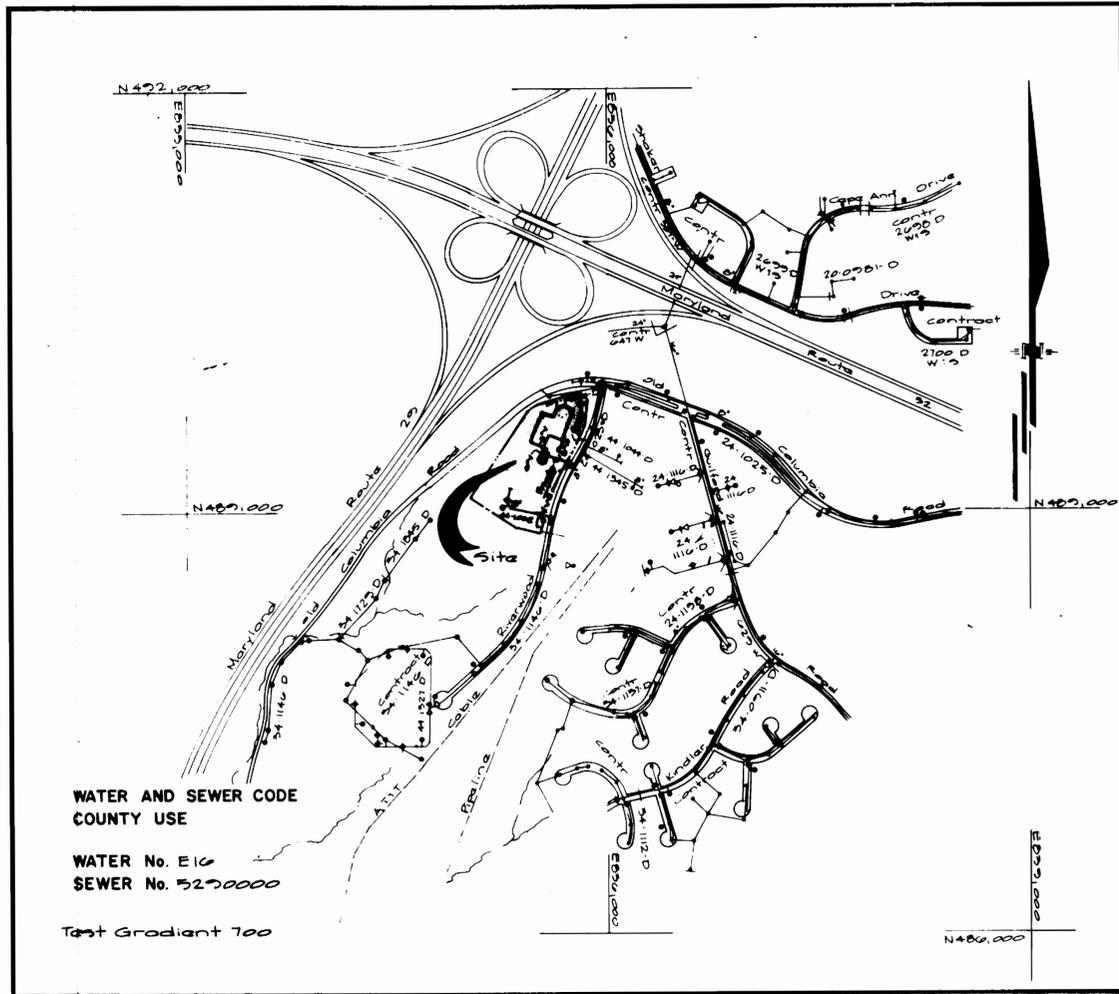


TYPE OF BUILDING	Industrial
NUMBER OF UNITS	1
NUMBER OF SHC's	1
NUMBER OF WHC's	2
DRAINAGE AREA	Middle Potomant



GENERAL NOTES

- PART I -**
- 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.
 - All horizontal controls are based on Maryland State Coordinates.
 - All vertical controls are based on U.S.G.S. data.
 - 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.
 - 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.
 - 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.
 - 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
BGM Co. Contractor Services	850-4620
BGM Co. Under Ground Damage Control	787-9068
Miss Utility	1-800-257-7777
Colonial Pipeline Co.	795-1390
Howard County Dept. of Public Works, Bur. of Utilities	313-4900
 - 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.
 - 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**
- All water mains to be D.I.P. Class 52 unless otherwise noted.
 - Tops of all water mains to have a minimum of 3-1/2' cover unless otherwise noted.
 - Valves adjacent to tees shall be strapped to tees.
 - All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.
 - 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.
 - The contractor shall not operate any water main valves on the existing water system.
 - All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.
- PART III - SEWER**
- All sewer mains shall be DIP, RCP, VCPX, CSPX, RCCP and P.V.C. unless otherwise noted.
 - The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
 - All manholes shall be 4'-0" inside diameter unless otherwise noted.
 - Force mains shall be D.I.P. only.
 - Manholes shown with 12" and 16" walls are for brick manholes only.
 - 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 on the drawings.
 - House(s) with the symbol "C.N.S." indicates that the cellar cannot be served.

Architect: Kajima Assoc. Inc.
 900 Sylvan Ave
 Englewood Cliffs, New Jersey 07632

Structural: Di Stasio & Van Duran Inc.
 1090 Cammarca Ave
 Union, New Jersey 07083

Civil/Landscape: Gutschick, Little & Weber, P.A.
 9709 National Drive, Suite 250
 Burtonsville, Maryland 20866

Mech/Elec/Plum: Cy Mills
 900 Sylvan Ave
 Englewood Cliffs, New Jersey 07632

VICINITY MAP
 SCALE: 1" = 600'

Note: This sheet supercedes the sheet #1 of the approved plans dated 5-3-93.

CONTRACT NO. 34-3266-D
RIVERS CORPORATE PARK
SECTION I, AREA I PARCEL B
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

ITEM	QUANTITIES		MATERIAL / SUPPLIER
	ESTIMATED	AS-BUILT	
Fire Hydrant	1	1	MIDELAN
6"W	251.1f.	251.1f.	CLASS 52 ATLANTIC STATES
8"W	222.1f.	222.1f.	CLASS 52 ATLANTIC STATES
8"x6" Rad.	1	1	TYLER
8"x8" Tee	1	1	TYLER
12"x8" T.S.I.V	1	1	MIDELAN
6" Valve	1	1	MIDELAN
8" Valve	1	1	MIDELAN
6"DHC	14.1f.	14.1f.	SDR 35 3/4" MANUFACTURING
2" W.H.C.	5.1f.	5.1f.	TYPE "K" HAMPSHIRE CO.
2' Manhole Vault	1	1	MIDLETTOWN CONCRETE

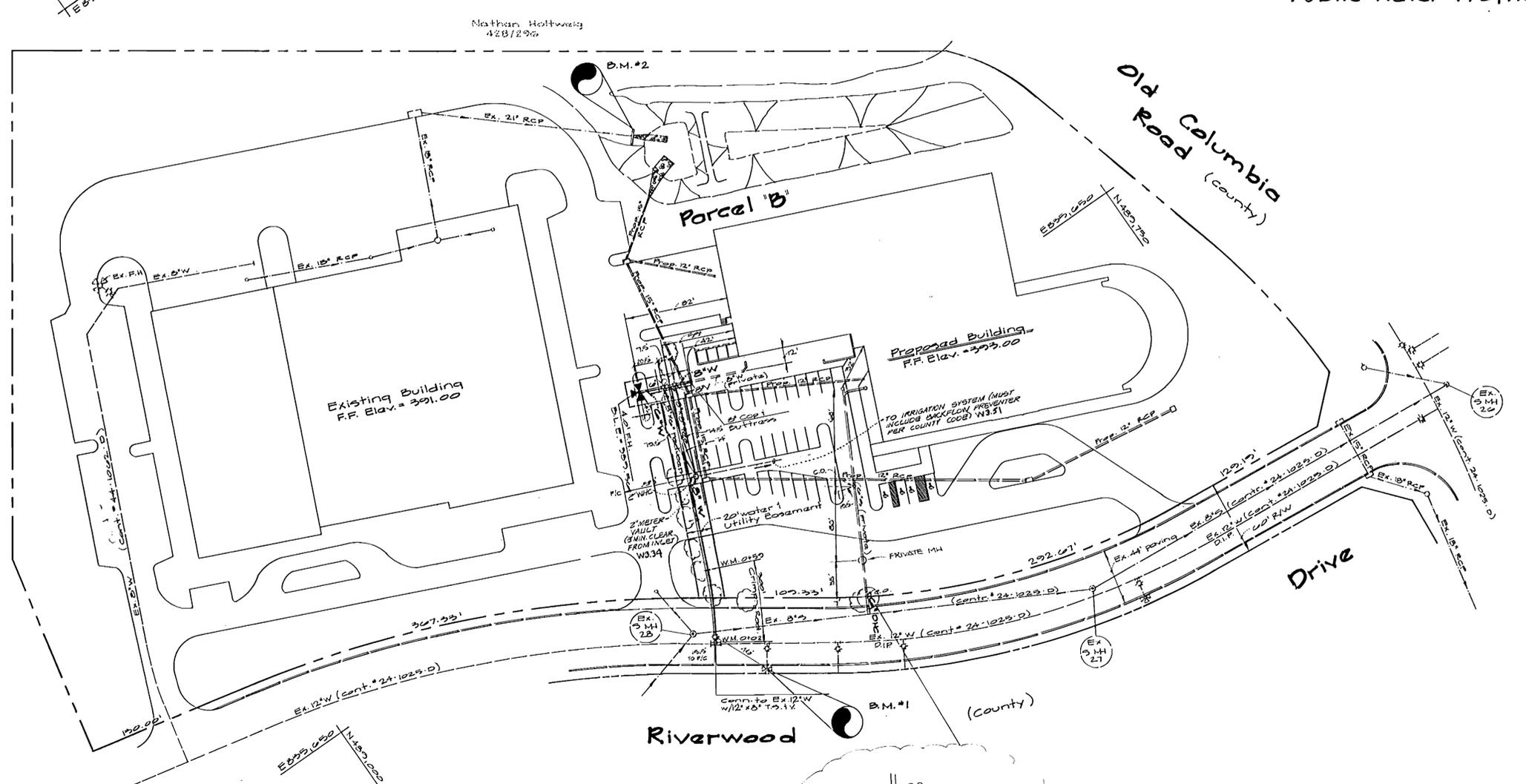
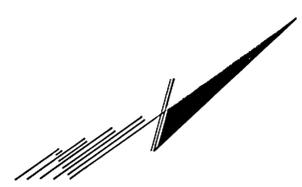
Sediment Control Measures will be implemented in accordance with Article No 15 of the Specifications B with Road Construction Plan SDR 75-11; Drawings 2 of 6 Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
 Signature: [Signature] DATE: 6/18/93
 U.S. SOIL CONSERVATION SERVICE

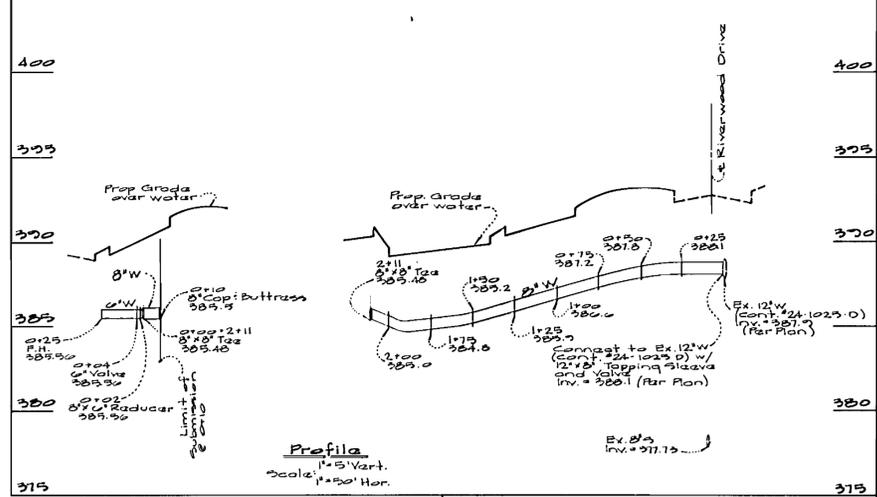
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature] DATE: 6/17/93
 HOWARD S.C.D.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: [Signature] DATE: 6/18/93 Chief, Bureau of Engineering: [Signature] DATE: 6/17/93 Chief, Bureau of Utilities: [Signature] DATE: 6/17/93 Chief, Land Development Div.: [Signature] DATE: 6/17/93	GLW GUTSCHICK LITTLE & WEBER, P.A. ENGINEERS, PLANNERS, SURVEYORS 2000 NATIONAL DRIVE SUITE 800 BURTENSVILLE OFFICE PARK BURTENSVILLE, MD 20866 (301) 481-4884	DES: DEV DRN: MCF CHK: CKG MCF An issued for bid package DATE: 1993	Water & Sewer Title Sheet Scale: As Shown 600' SCALE MAP NO. 41 BLOCK NO. 66	Rivers Corporate Park Section I, Area I Parcel B 5th Election District Howard County, Maryland Contract No. 34-3266-D	SCALE AS SHOWN SHEET 1 OF 2 AS-BUILT 6-15-93
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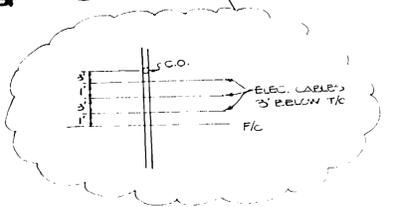
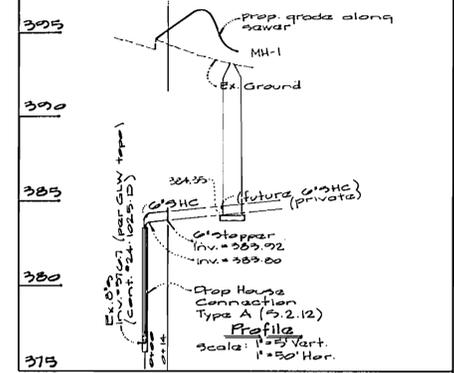
N 33° 15' E
E 89° 03' 00"



Public Water Profile



Public Sewer Profile



Bench Marks

B.M.#1
Bottom bolt fire hydrant, east side Riverwood Drive
600' south of Int. Old Columbia Rd., Elev. = 395.58

B.M.#2
Right front corner conc. headwall @ south
and of storm Water Management Pond, Elev. = 378.11

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND James Z. Sun 5/3/93 DIRECTOR OF PUBLIC WORKS DATE Robert W. Benjamin 4/21/93 CHIEF, BUREAU OF UTILITIES DATE		GUTSCHICK LITTLE & WEBER, P.A. ENGINEERS, PLANNERS, SURVEYORS 3908 NATIONAL DRIVE, SUITE 250, BURTONSVILLE OFFICE PARK BURTONSVILLE, MD. 20888 (301) 421-0024		DES: DEY DRN: MCF CHK: CKG March DATE: 1993		Water & Sewer Construction Plan Scale: 1" = 50' 600' SCALE MAP NO. 41 BLOCK NO. 2		Rivers Corporate Park Section 1, Area 1 Parcel B 5th Election District Howard County, Maryland Contract No: 34-3206-D AS-BUILT 0-15-93		SCALE AS SHOWN SHEET 2 OF 2
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