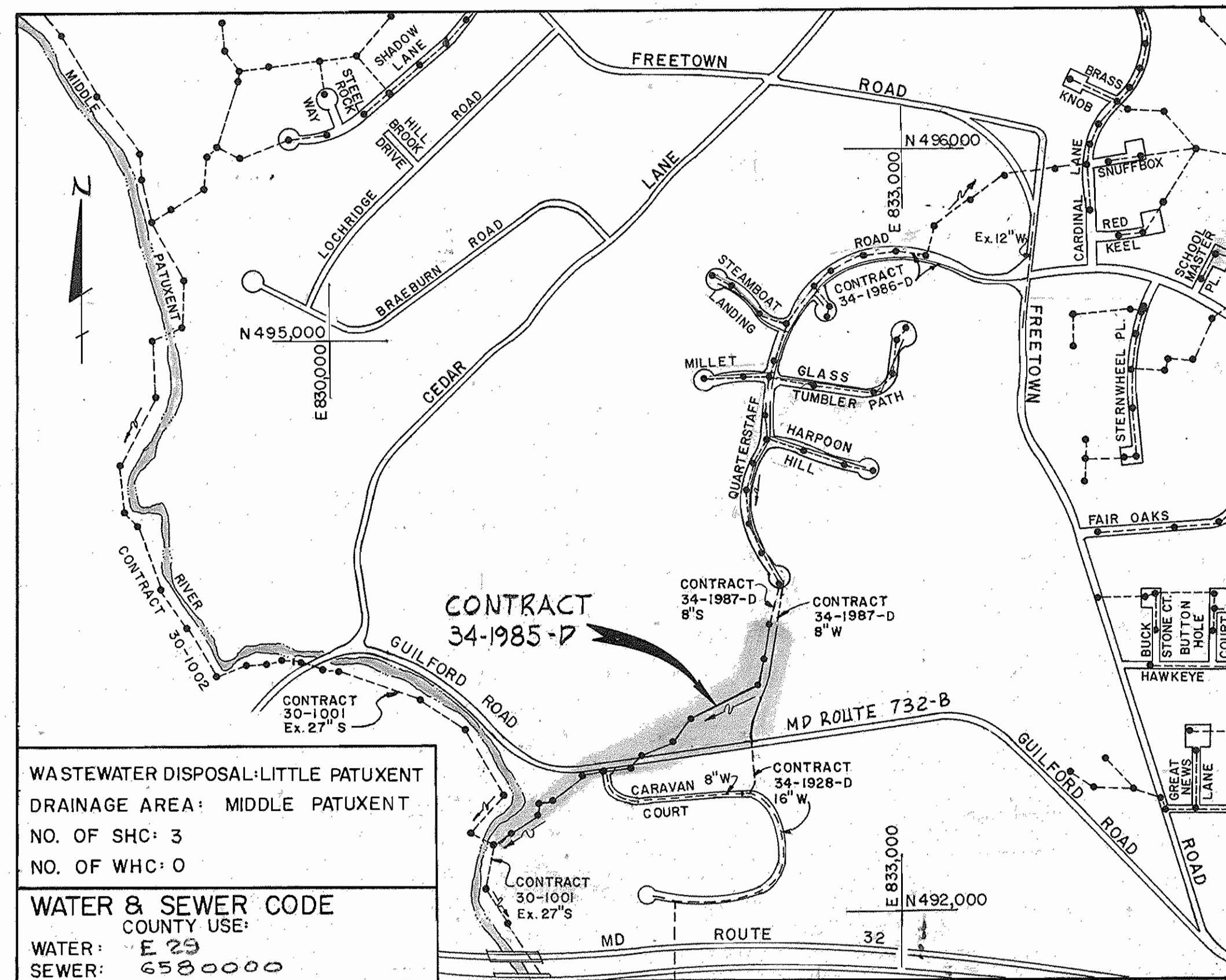


QUANTITIES			
ITEM	BID	AS-BUILT	MATERIAL/SUPPLIER
8" SEWER LF	2080	2080.75	PVC / Sceptor & American Nuc.
MANHOLE Ea.	13	14	Precast Atlantic Conc.
8" WATER LF	640	627	Atlantic States Cast Iron
4" SHC LF	35	49	PVC / Sceptor & American Nuc.
8" VALVE Ea.	1	1	Kennedy
MH DROP CONN. TYPE 'B' Ea.	2	4	MH 256, MH 54, MH 62, MH 53
4" BLOW-OFF	1	1	J. Kupferle Foundry Co.
Roadway Box		1	Bingham Taylor



WASTEWATER DISPOSAL-LITTLE PATUXENT
DRAINAGE AREA: MIDDLE PATUXENT
NO. OF SHC: 3
NO. OF WHC: 0

WATER & SEWER CODE
COUNTY USE:
WATER: E 29
SEWER: 6580000

VICINITY MAP
SCALE: 1" = 600'

GENERAL NOTES

- 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. DATUM.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USED HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1989 AMENDMENT. 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 VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION - 531-5533
 - BALTIMORE GAS AND ELECTRIC CO. - CONTRACTOR SERVICES 850-4620
 - BALTIMORE GAS AND ELECTRIC CO. - UNDERGROUND DAMAGE CONTROL - 859-9004
 - BALTIMORE GAS AND ELECTRIC CO. - TROUBLE SHOOTING - 298-9001
 - MISS UTILITY - 1 - 559-0100
 - COLONIAL PIPELINE CO. - 795-1390/C&P TELEPHONE CO. - 1 - 800-257-7777
 - BUREAU OF UTILITIES HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 992-2366.
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO A 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.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH ANWA SPECIFICATIONS C-158 DUCTILE IRON COMPACT FITTINGS, 3-INCH THROUGH 12-INCH FOR WATER AND OTHER LIQUIDS.
- 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 AND 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 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 SETTINGS, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- ALL W.H.C.'S SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- ALL SEWER MAINS SHALL BE C.S.P.X., D.I.P., V.C.P.X., OR 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.
- 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 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- STRAW BALE DIKE AND SILT FENCE ARE INTERCHANGEABLE.
- FOR MANHOLES IN OPEN SPACE OR OUTFALL, SET TOP OF FRAME 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

CONTRACT NO. 34-1985-D
VILLAGE OF HICKORY RIDGE
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
OUTFALL SEWER AND WATER MAIN LOOP

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT
James M. Adams 3/29/90
 SIGNATURE U.S. SOIL CONSERVATION SERVICE DATE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard County Conservation District
 APPROVED *John L. Robertson* 3/29/90
 HOWARD C.O.D. DATE

Sediment Control Measures for this Contract will be implemented in accordance with Section 219 of the Standard Specifications

OUT FALL SEWER MAIN AND WATER MAIN LOOP
 CONTRACT 34-1985-D

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
James M. Adams 3/30/90
 DIRECTOR OF PUBLIC WORKS DATE
Robert M. Bennett 3-26-90
 CHIEF-BUREAU OF UTILITIES DATE
William J. Ryan 3-30-90
 CHIEF, BUREAU OF ENGINEERING DATE
Donald J. Ryan 3/29/90
 CHIEF-UTILITIES DESIGN DIVISION DATE

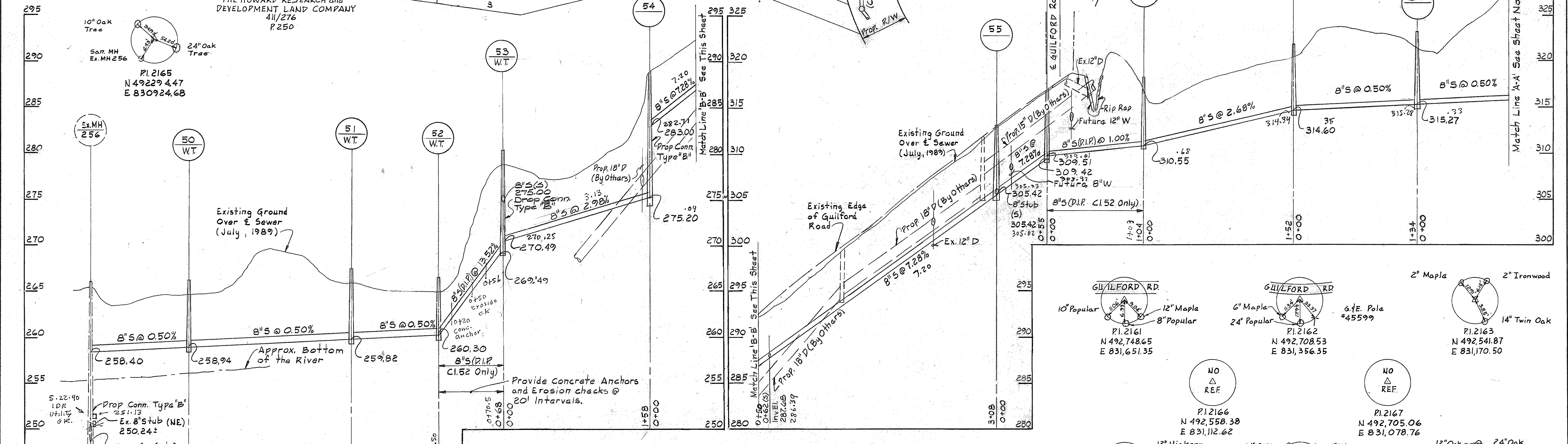
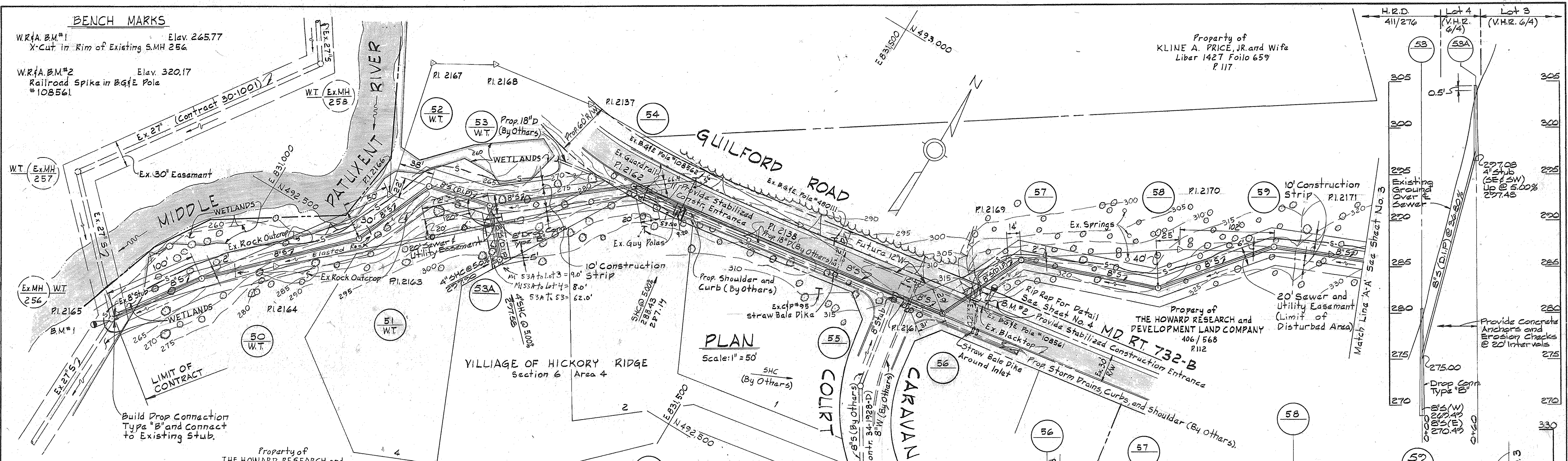
WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS
 2315 ST. PAUL ST.
 BALTIMORE, MARYLAND



DES: R.B.N.			
DRN: R.A.F.			
CHK: R.B.N.	JB	2	Added 8" S @ Manholes 53 + 53A + added Profile
	AFE	1	Show SHC easement Lots 3 + 4
DATE:	BY	NO.	REVISION

VICINITY MAP
 AND
 GENERAL NOTES
 600' SCALE MAP NO. 35 BLOCK NO.

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 6 AREA 6
 ELECTION DIST NO. 5
 CONTRACT NO. 34-1985-D
 SCALE AS SHOWN
 SHEET 1 OF 4



PROFILING
 Scale: 1" = 50' Horizontal
 1" = 5' Vertical

James A. Arnett

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James P. ... 3/30/90
 DIRECTOR OF PUBLIC WORKS DATE

... 3/30/90
 CHIEF BUREAU OF ENGINEERING DATE

... 3/29/90
 CHIEF - UTILITIES DESIGN DIVISION DATE

WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS

2315 ST. PAUL ST
 BALTIMORE, MARYLAND

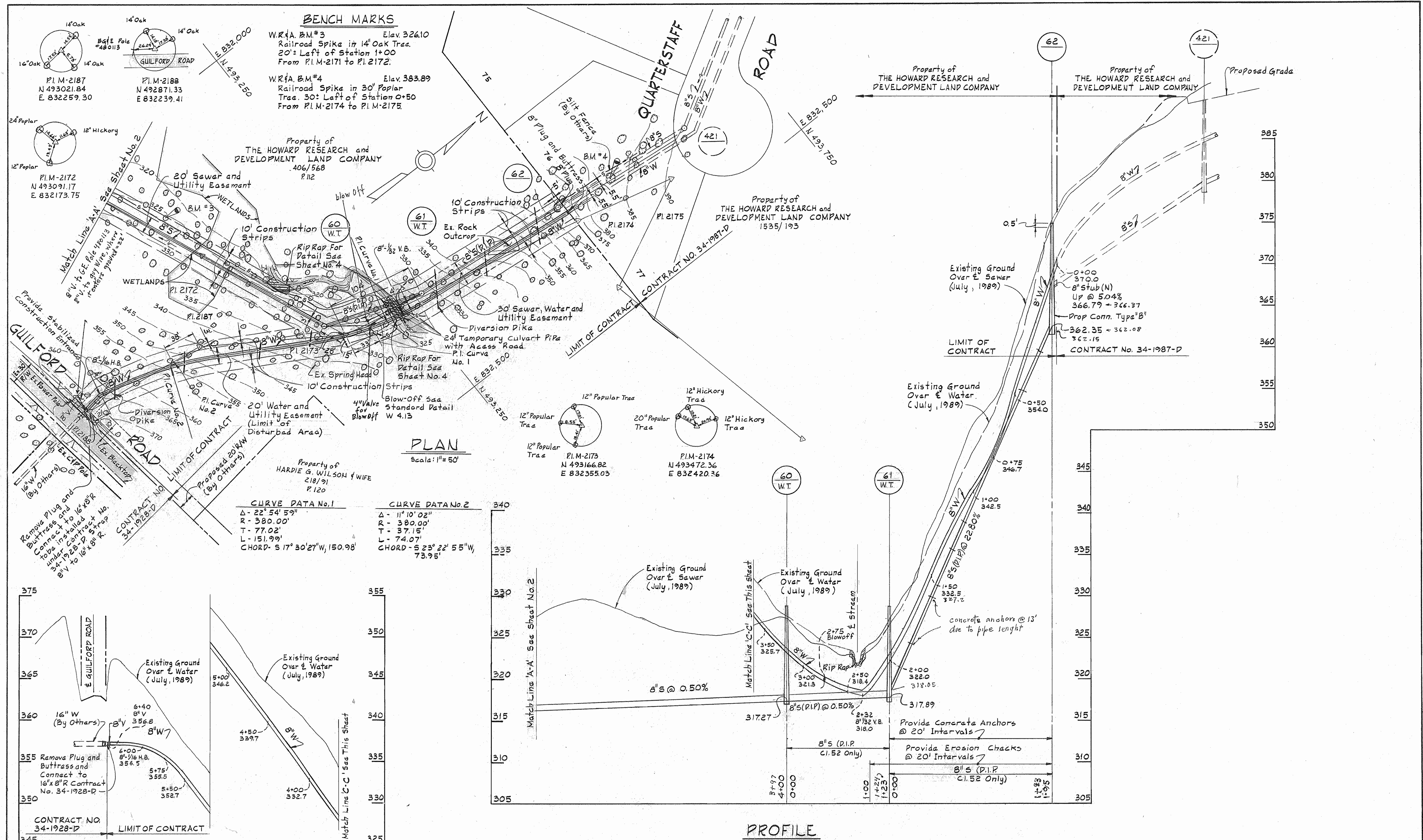
DES: R.B.N.			
DRN: R.A.F.			
CHK: R.B.N.	J.B.	2	Added 8" S @ Manholes 53 & 53A & Added Profile 11/14/90
DATE:	A.F.E.	1	Show SHC Easement Lot 4 & 3 1-19-90
BY:	NO.		REVISION

PLAN & PROFILE OF SEWER MAINS

600' SCALE MAP NO. 35 BLOCK NO.

COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 6 AREA 6 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-1985-D

SCALE AS SHOWN
 SHEET 2 OF 4



BENCH MARKS

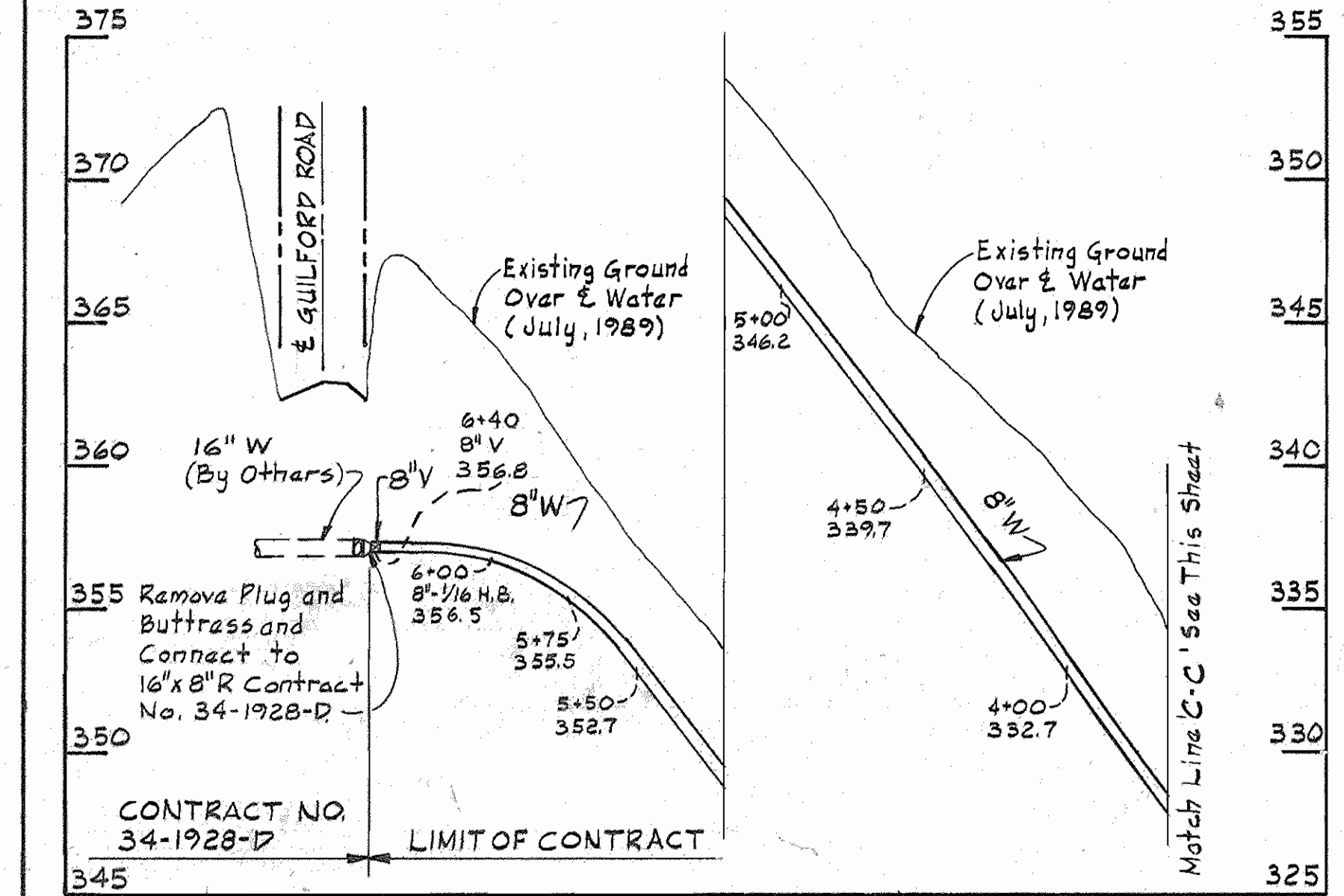
W.R.#A, B.M.#3 Elev. 326.10
 Railroad Spike in 14" Oak Tree.
 20' Left of Station 1+00
 From P.I.M-2171 to P.I.M-2172.

W.R.#A, B.M.#4 Elev. 383.89
 Railroad Spike in 30" Poplar
 Tree. 30' Left of Station 0+50
 From P.I.M-2174 to P.I.M-2175.

PLAN
 Scale: 1" = 50'

PROFILE
 Scale: 1" = 50' Horizontal
 1" = 5' Vertical

CURVE DATA No. 1		CURVE DATA No. 2	
Δ - 22° 54' 59"	R - 380.00'	Δ - 11° 10' 02"	R - 380.00'
T - 77.02'	L - 151.99'	T - 37.15'	L - 74.07'
CHORD - S 17° 30' 27" W, 150.98'		CHORD - S 23° 22' 55" W, 73.95'	



PROFILE
 Scale: 1" = 50' Horizontal
 1" = 5' Vertical

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Director of Public Works: *James P. ...* 3/30/90
 Chief, Bureau of Engineering: *James P. ...* 3/30/90
 Chief, Bureau of Utilities: *Robert W. ...* 3/29/90
 Chief, Utilities Design Division: *James P. ...* 3/29/90

WHITMAN, REQUARDT
 AND ASSOCIATES
 ENGINEERS
 2315 ST. PAUL ST.
 BALTIMORE, MARYLAND



DES: R.B.N.	
DRN: R.A.F.	
CHK: R.B.N.	
DATE:	
BY:	NO.
REVISION:	
DATE:	

PLAN & PROFILE OF
 WATER & SEWER MAINS

600' SCALE MAP NO. 35 BLOCK NO.

35-493-833

COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 6 AREA 6
 ELECTION DISTRICT NO. 5
 CONTRACT NO. 34-1985-D

SCALE AS SHOWN
 SHEET 3 OF 4

STRAW BALE DIKE

DESCRIPTION
The work shall consist of the construction of a dewatering basin for the purpose of receiving sediment-laden water pumped from a construction site to allow filtration before the water re-enters the waterway.

MATERIAL SPECIFICATIONS

- Riprap: Riprap shall consist of 4-8 inch washed stone or gravel.
- Filter Fabric: The filter cloth shall be a woven or nonwoven fabric consisting only of continuous chain polymeric filaments or yarns of polyester. The fabric shall be inert to commonly encountered chemicals, hydrocarbons, algae, and rot resistant. No. 6 stone (MSHTO 57) may be used on the inner-face for filtering. Instead of fabric.
- Strawbales: Strawbales shall meet the criteria as specified in the Maryland Standards and Specifications for Soil Erosion and Sediment Control.

CONSTRUCTION REQUIREMENTS

- The contractor shall install all sediment and erosion control devices as the first order of business.
- Excavated materials shall be stored such that sediments are prevented from entering the waterways. i.e., sediment perimeter controls may be necessary.
- Excavated soil and topsoil shall be kept separate and replaced in their natural order.
- Any dewatering of the construction area shall be filtered through a dewatering basin prior to entering the waterway.
- The dewatering basin shall be excavated to a minimum depth of 3 feet.
- Once the dewatering basin becomes filled to 1/2 of the excavated depth, accumulated sediment shall be removed and disposed of in a SOD approved disposal area outside the 100-year floodplain unless otherwise approved on the plans by the WRA. Sediment control devices are to remain in place until all disturbed areas are stabilized and the inspecting authority approves their removal. All ground contours shall be returned to their original condition unless specifically approved otherwise by the Administration.

STANDARD DRAWING
SB0-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

EARTH DIKE
not to scale

CROSS SECTION

CONSTRUCTION SPECIFICATIONS

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSTUR, SOD; 2" STONE
3	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20%	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

STANDARD DRAWING
ED-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

RIP-RAP DETAIL

Notes:
1. Erosion Control Fabric shall be Poly-Filter-X as manufactured by Carthage Mills, Inc., Erosion Control Division, 124 West 66th Street, Cincinnati, Ohio. Laurel Erosion Control Cloth as manufactured by Laurel Plastics Inc., Madison, Missouri or as shown. Any disturbance to stream banks beyond these limits shall be protected with Rip-Rap at Contractor's expense.
2. Rip-Rap shall be placed 6' each side of sewer or as shown. Any disturbance to stream banks beyond these limits shall be protected with Rip-Rap at Contractor's expense.
3. Gabions may be used in lieu of Rip-Rap.

STANDARD DRAWING
ED-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

TEMPORARY ACCESS CULVERT

CONSTRUCTION SPECIFICATIONS

- Restrictions** - No Construction or removal of a temporary access culvert will be permitted between October 1 through April 30 for all Class III and Class I Trout Waters or between March 15 through June 15 for non-trout waterways.
- Culvert Strength** - All culverts shall be strong enough to support their cross sectional area under maximum expected loads.
- Culvert Size** - The size of the culvert pipe shall be the largest pipe diameter that will fit into the existing channel without major excavation of the waterway channel or without major approach fills. If a channel width exceeds 3 feet, additional pipes may be used until the cross sectional area of the pipes is greater than 60 percent of the cross sectional area of the existing channel. The minimum size culvert that may be used is a 12" diameter pipe.
- Culvert Length** - The culvert(s) shall extend a minimum of one foot beyond the upstream and downstream toe of the aggregate placed around the culvert. In no case shall the culvert exceed 40 feet in length.
- Filter Cloth** - Filter cloth shall be placed on the streambed and streambanks prior to placement of the pipe culvert(s) and aggregate. The filter cloth shall cover the streambed and extend a minimum six inches and a maximum one foot beyond the end of the culvert and bedding material. Filter cloth reduces settlement and improves crossing stability.
- Culvert Placement** - The invert elevation of the culvert shall be installed on the natural streambed grade to minimize interference with fish migration (free passage of fish).
- Culvert Protection** - The culvert(s) shall be covered with a minimum of one foot of aggregate. If multiple culverts are used they shall be separated by at least 12" of compacted aggregate fill. At a minimum, the bedding and fill material used in the construction of the temporary access culvert crossings shall conform with the aggregate requirements cited in Section I.B.1. above.
- Stabilization** - All areas disturbed during culvert installation shall be stabilized within 14 calendar days of the disturbance in accordance with the Standard for "Critical Area Stabilization With Permanent Seeding."

STANDARD DRAWING
ED-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

SILT FENCE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

STANDARD DRAWING
SF-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

STABILIZED CONSTRUCTION ENTRANCE
not to scale

CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

STANDARD DRAWING
SCE-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MD.

CONSTRUCTION SEQUENCE SEDIMENT CONTROL PROCEDURES
(FOR AREAS NOT PROTECTED BY ROAD CONSTRUCTION - SEDIMENT CONTROL DEVICES)

- Obtain Sediment Control Permit.
- Construct continuous sediment barrier for all Disturbed Areas* not protected by sediment traps.
- Clear, grub and strip as required. Protect stream from erosion of stored top soil, separate top soil from subsoil.
- Construct pipelines.
- All excavated material shall be stock piled on high side of trench.
- Restore erosion control structures disturbed by sewer and water construction.
- Stabilize disturbed area as construction progresses with temporary seeding and mulching (or permanent restoration).
- Complete permanent restoration.
- All sediment control devices shall remain in service until removal is approved by the S.C.S. inspector.
- Restoration (temporary or permanent) of an area between manholes or 400' watermain section shall follow within one week of pipelaying in this area.

* Disturbed Areas shall be restricted to 20' Easements.

CONSTRUCTION SPECIFICATIONS

- All erosion and sediment control devices shall be installed as the first order of business.
- Pipes must be sized to accommodate normal stream flow.
- The flow barrier shall be constructed of sandbags, washed riprap, or other approved material as per WPD-1. The materials shall be sized to withstand normal stream flow velocities.
- All dewatering of the construction area shall be pumped to a dewatering basin (WPD-1) prior to re-entering the stream.
- The temporary culvert crossing shall be constructed in accordance with Standard Detail (TAC-1), 1983 Maryland Standards and Specifications for Sediment and Erosion Control.
- Sediment control devices shall remain in place until all disturbed areas have been stabilized in accordance with an approved sediment and erosion control plan and the inspecting authority approves their removal.

STANDARD DRAWING
WPD 2.1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

SILT FENCE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

STANDARD DRAWING
SF-1

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MD.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James J. [Signature] 3/30/90
DIRECTOR OF PUBLIC WORKS - DATE

Robert [Signature] 3-26-90
CHIEF BUREAU OF UTILITIES - DATE

WHITMAN, REQUARDT
AND ASSOCIATES
ENGINEERS

2315 ST. PAUL ST.
BALTIMORE, MARYLAND

[Signatures]

DES. R.B.N.	DRW. R.A.F.	CHECK R.B.N.	DATE	BY	NO.	REVISION	DATE

SEDIMENT CONTROL
DETAILS

600' SCALE MAP NO. _____ BLOCK NO. _____

COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 6 AREA 6
ELECTION DISTRICT NO. 5
CONTRACT NO. 34-1985-D

SCALE AS SHOWN
SHEET 4 OF 4

MARCH 7, 1990