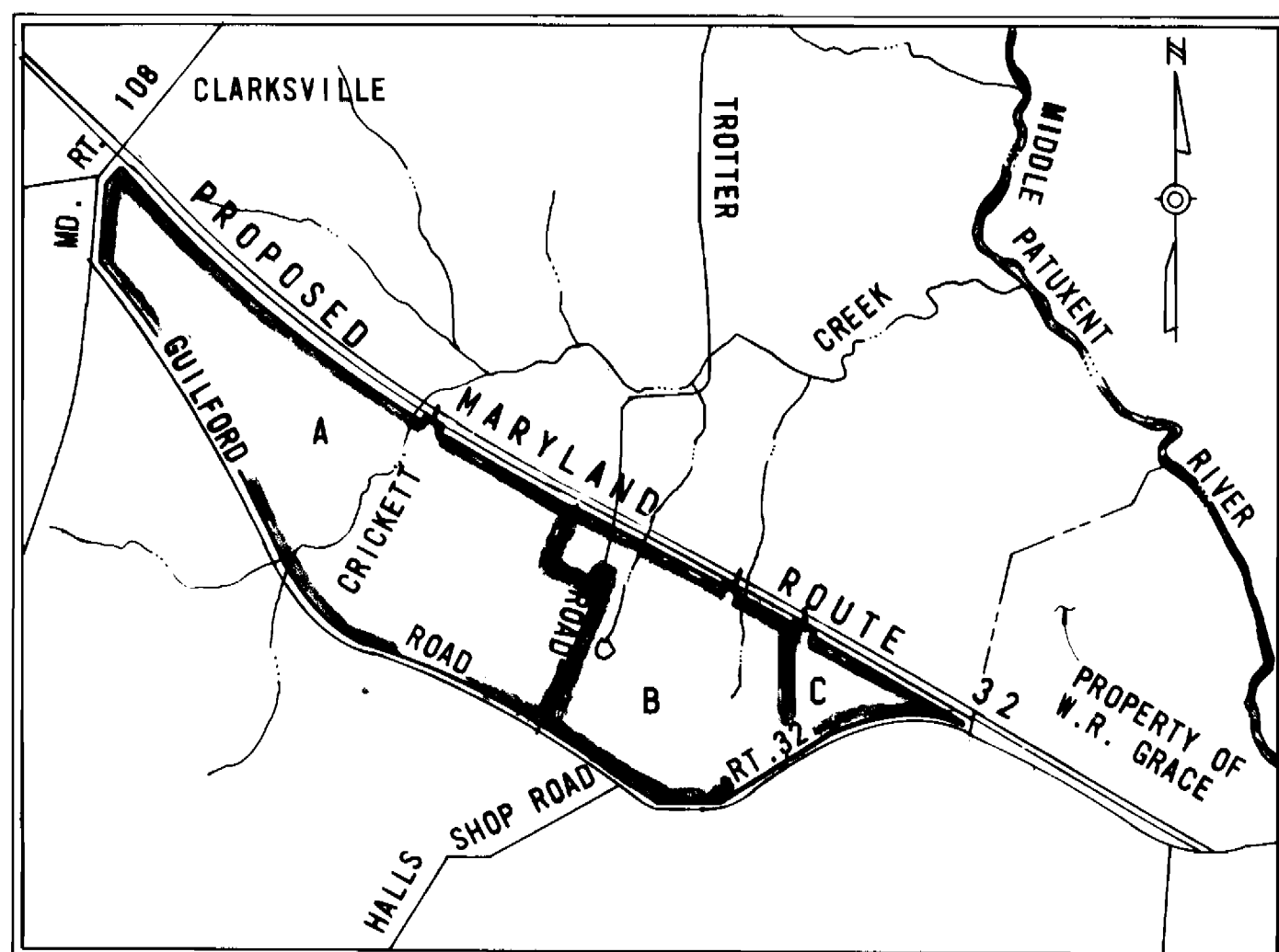


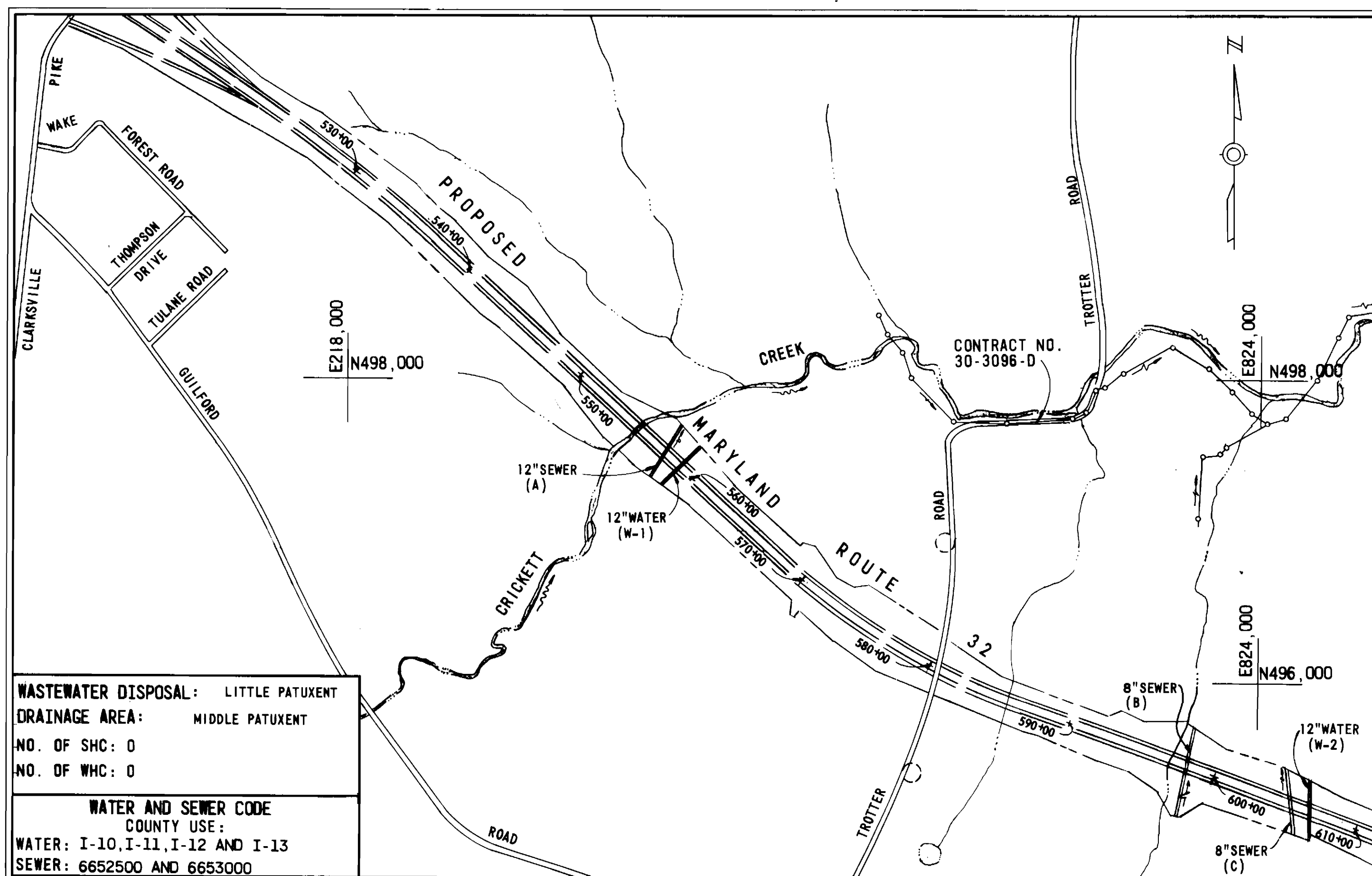
QUANTITIES				
ITEM	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
12"SEWER(D.I.P.)	333 L.F.	322 L.F.	D.I.P. CL 52	GRIFFEN PIPE INC.
8"SEWER(D.I.P.)	1007 L.F.	1011 L.F.	D.I.P. CL 52	GRIFFEN PIPE INC.
12"W(D.I.P.)	617 L.F.	625 L.F.	D.I.P. CL 52	GRIFFEN PIPE INC.
24" CASING	1,715 L.F.	1,730 L.F.	24" RCLP CL 12	HYDRO CONDUIT CORP.

NAME OF UTILITY CONTRACTOR: W.F. WILSON & SONS

SURVEY AND DRAFTING DIVISION AS-BUILT DATE: \_\_\_\_\_



**DRAINAGE AREA MAP**  
SCALE: 1" = 2000'



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

WATER AND SEWER CODE  
COUNTY USE:  
WATER: I-10, I-11, I-12 AND I-13  
SEWER: 6652500 AND 6653000

**VICINITY MAP**  
SCALE: 1" = 600'

DESIGN FLOW			
CROSSING	AREA	AVG. FLOW	PEAK FLOW
A	305 AC.	0.307 mgd.	1.1 mgd.
B	120 AC.	0.121 mgd.	0.48 mgd.
C	30 AC.	0.030 mgd.	0.12 mgd.

# CONTRACT NO. 34-3205-D MARYLAND ROUTE 32 WATER AND SEWER CROSSINGS HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

**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, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION, 1990. ADDENDUM 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 - 1-800-257-7777
  - COLONIAL PIPELINE CO. - 795-1390/C AND P. TELEPHONE CO. - 1-800-257-7777
  - BUREAU OF UTILITIES HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - 313-4900
- 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 AWWA 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.
- ALL SEWER MAINS TO BE D.I.P. CLASS 52 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 65-52, WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED SET TOP OF FRAME 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
- FOR MANHOLES IN OPEN SPACE OR OUTFALL, SET TOP OF FRAME 1.5' ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

SIGNATURE: *Jan M. [Signature]* 5/1/93  
U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT APPROVED:

SIGNATURE: *[Signature]* 5/1/93  
HOWARD S.C.D. DATE

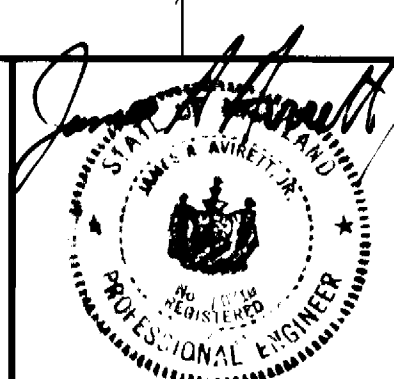
SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATIONS.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS - DATE: *Jan M. [Signature]* 5/1/93  
CHIEF - BUREAU OF UTILITIES - DATE: *[Signature]* 4/23/93

CHIEF - BUREAU OF ENGINEERING - DATE: *[Signature]* 5-10-93  
CHIEF - LAND DEVELOPMENT DIVISION - DATE: *[Signature]* 5/1/93

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



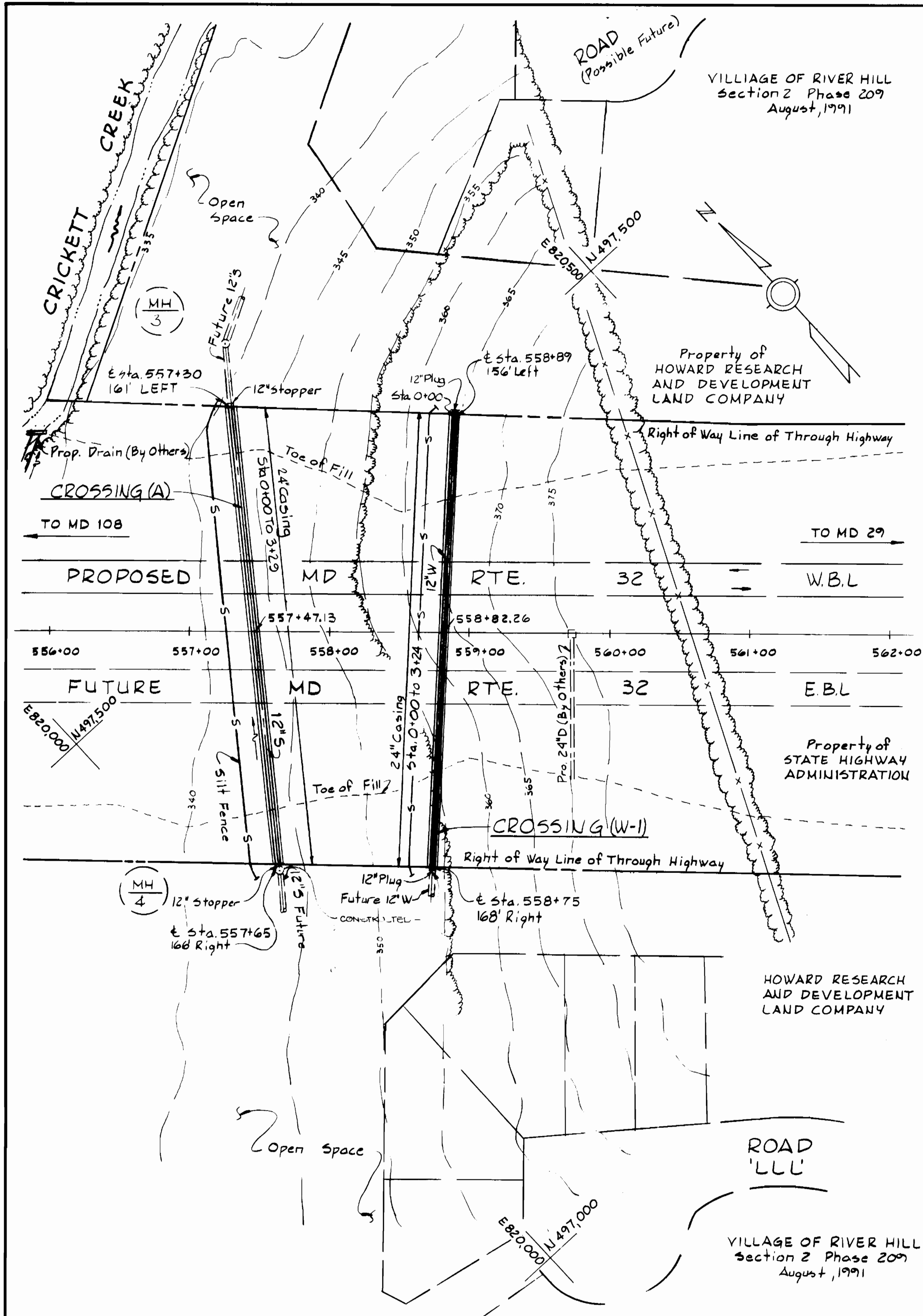
DES: R.A.F.			
DRN: R.A.F.			
CHK: R.B.M.			
DATE: 10-11-91	BY: NO.	REVISION	DATE

VICINITY MAP AND GENERAL NOTES

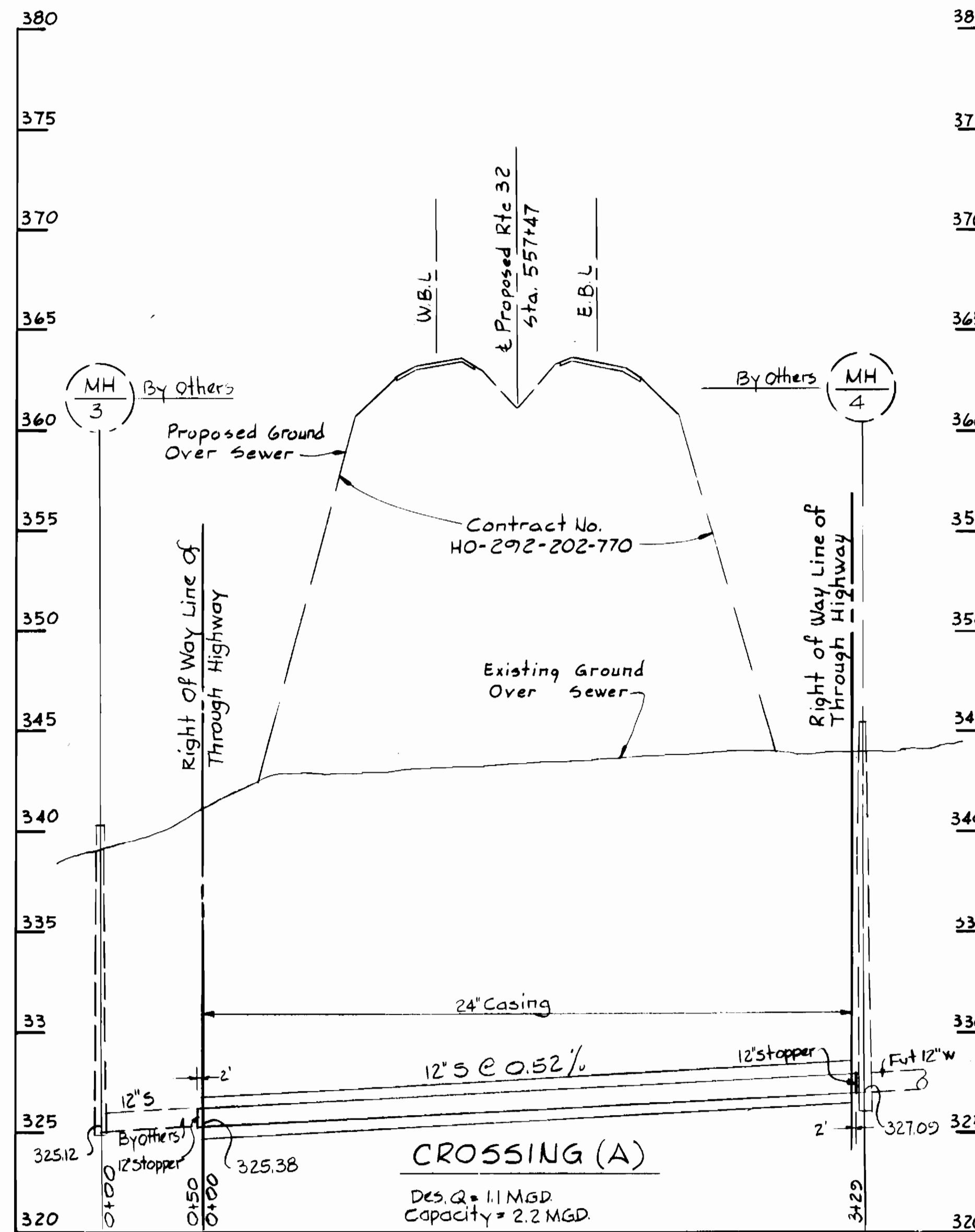
600' SCALE MAP NO. 35 BLOCK NO.

COLUMBIA VILLAGE OF RIVER HILL SECTION 2  
ELECTION DISTRICT NO. 5  
CONTRACT NO. 34-3205-D

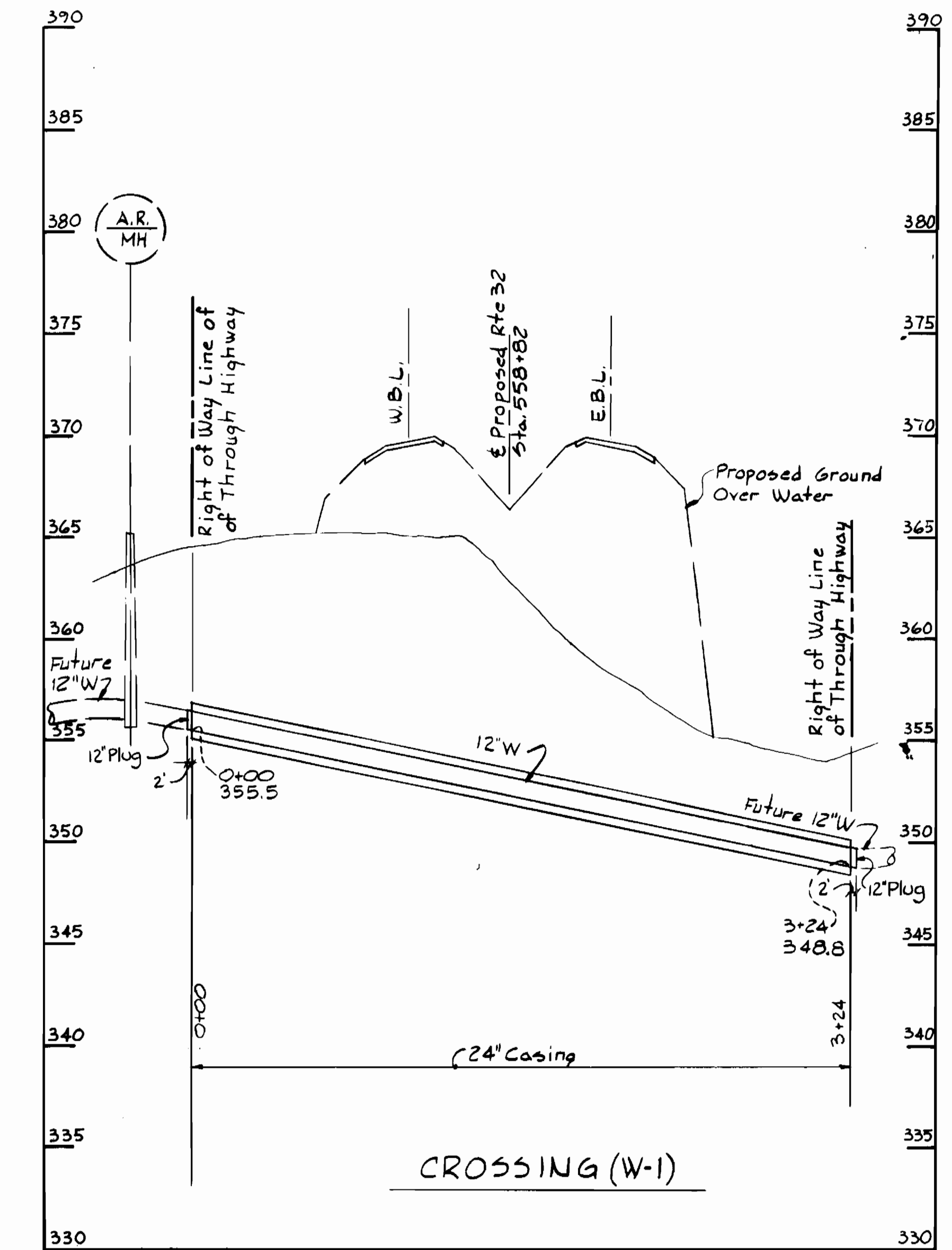
SCALE AS SHOWN  
SHEET 1 OF 5



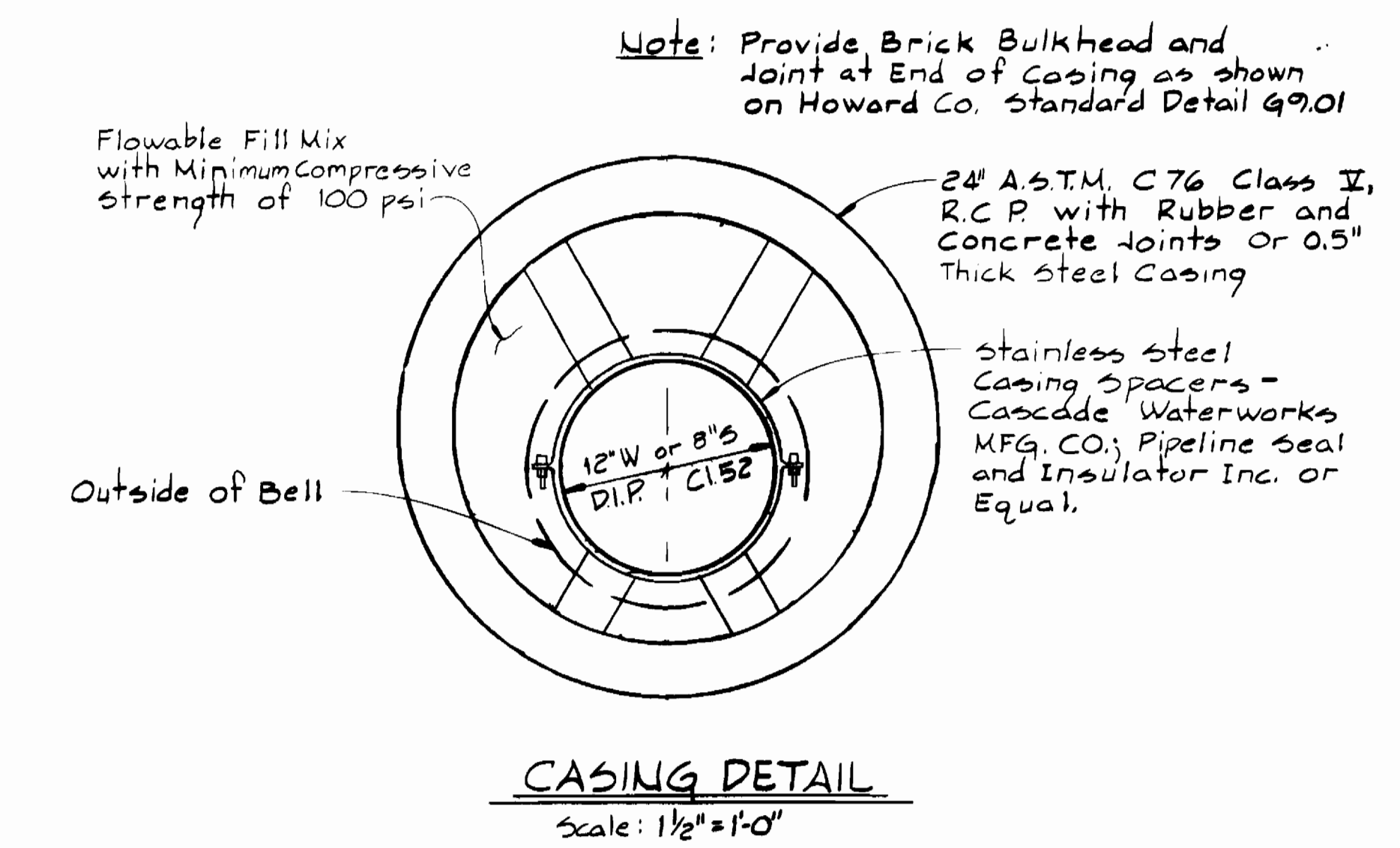
**PLAN**  
Scale: 1"=50'



**CROSSING (A) PROFILE**  
Scale: H=1"=50'  
V=1"=5'



**CROSSING (W-1) PROFILE**  
Scale: H=1"=50'  
V=1"=5'



**CASING DETAIL**  
Scale: 1 1/2"=1'-0"

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS  
 SIGNATURE: *James M. ...* DATE: 5/13/92  
 U.S. SOIL CONSERVATION SERVICE  
 APPROVED: *...* DATE: 5/13/92  
 HOWARD S.C.D.

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 DIRECTOR OF PUBLIC WORKS: *...* DATE: 5-10-93  
 CHIEF - BUREAU OF ENGINEERING: *...* DATE: 5/10/93  
 CHIEF - BUREAU OF UTILITIES: *...* DATE: 5/10/93  
 CHIEF - LAND DEVELOPMENT DIVISION: *...* DATE: 5/10/93

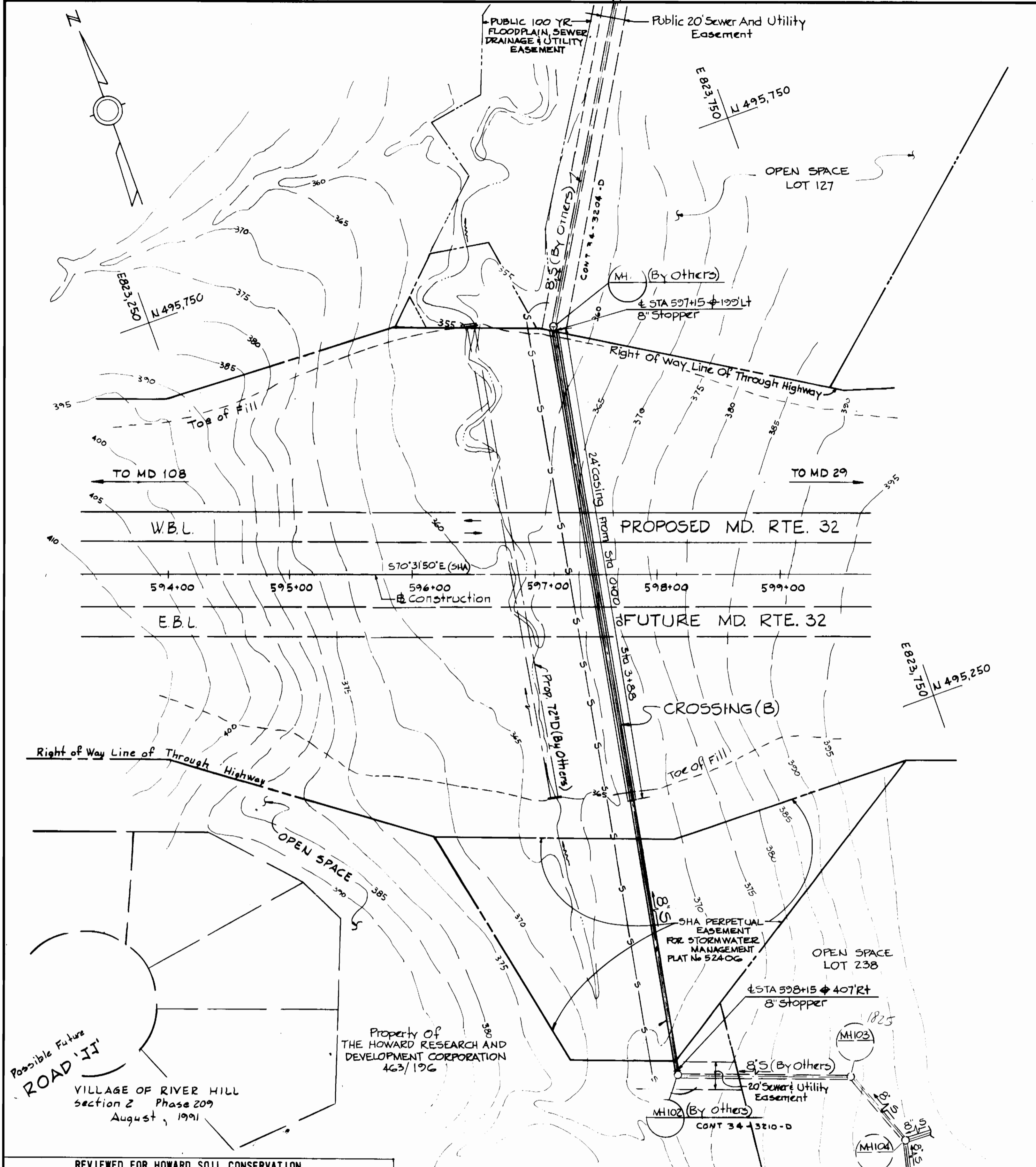
WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS  
 2315 ST. PAUL ST. BALTIMORE, MARYLAND  
 PROFESSIONAL ENGINEER

DES. R.B.N.	
DRN. R.A.F.	
CHK. R.B.N.	
DATE: 10-11-91	1/7/20/93 Lower Crossing 'A' Approx. 5'-6"

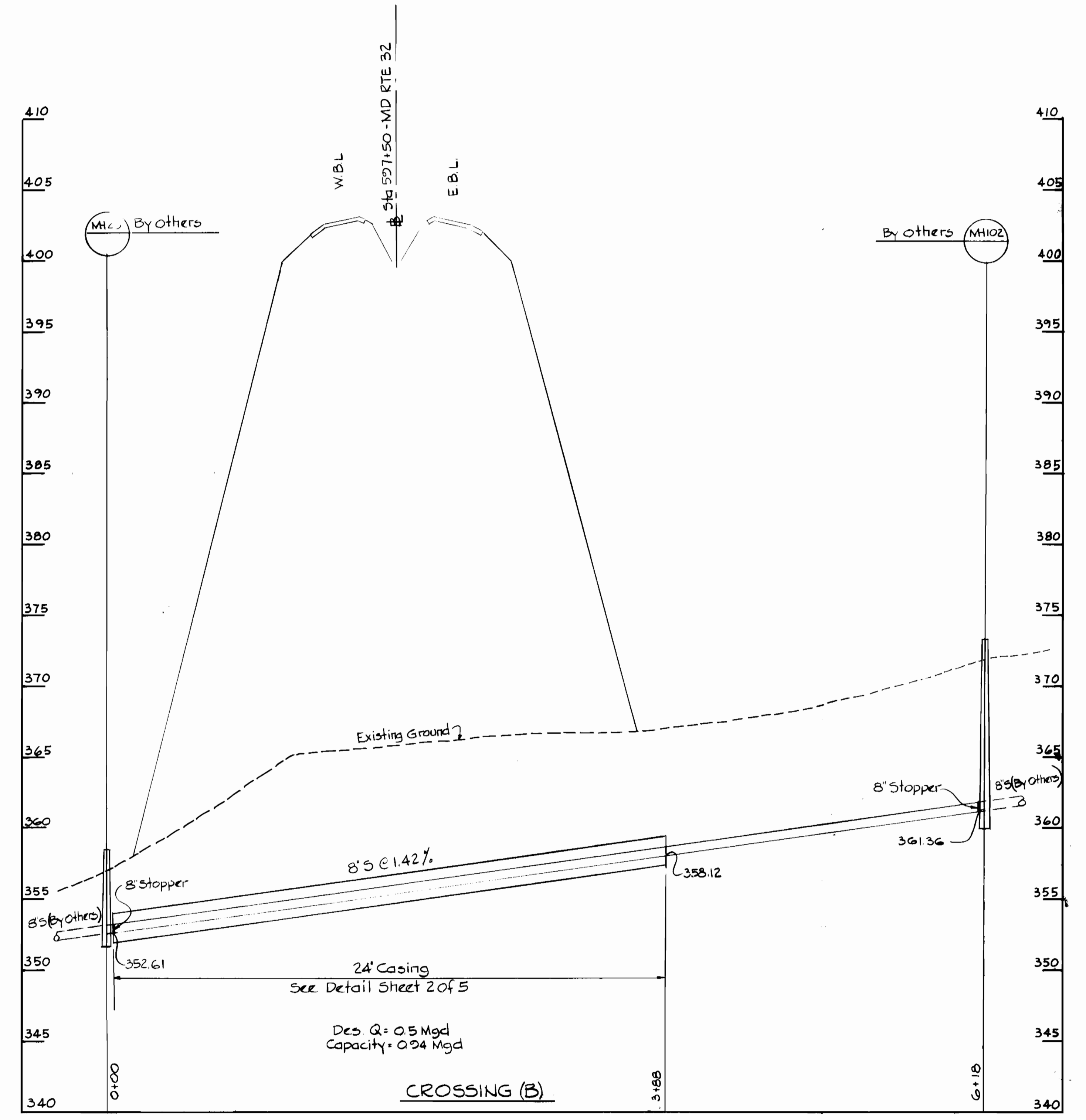
PLAN & PROFILE OF SEWER MAINS  
 600' SCALE MAP NO. 35 BLOCK NO.

COLUMBIA VILLAGE OF RIVER HILL SECTION 2  
 ELECTION DISTRICT NO. 5  
 CONTRACT NO. 34-3205-D

SCALE AS SHOWN  
 SHEET 2 OF 5



PLAN Scale: 1"=50'



PROFILE Scale: H-1"=50' V-1"=5'

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

SIGNATURE: *James M. White* DATE: 5/3/93

U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT

APPROVED: *[Signature]* DATE: 5/3/93

HOWARD COUNTY

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*James M. White* 5/11/93  
DIRECTOR OF PUBLIC WORKS - DATE

*[Signature]* 5/11/93  
CHIEF - BUREAU OF ENGINEERING - DATE

*[Signature]* 5/11/93  
CHIEF - BUREAU OF UTILITIES - DATE

*[Signature]* 5/11/93  
CHIEF - LAND DEVELOPMENT DIVISION - DATE

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



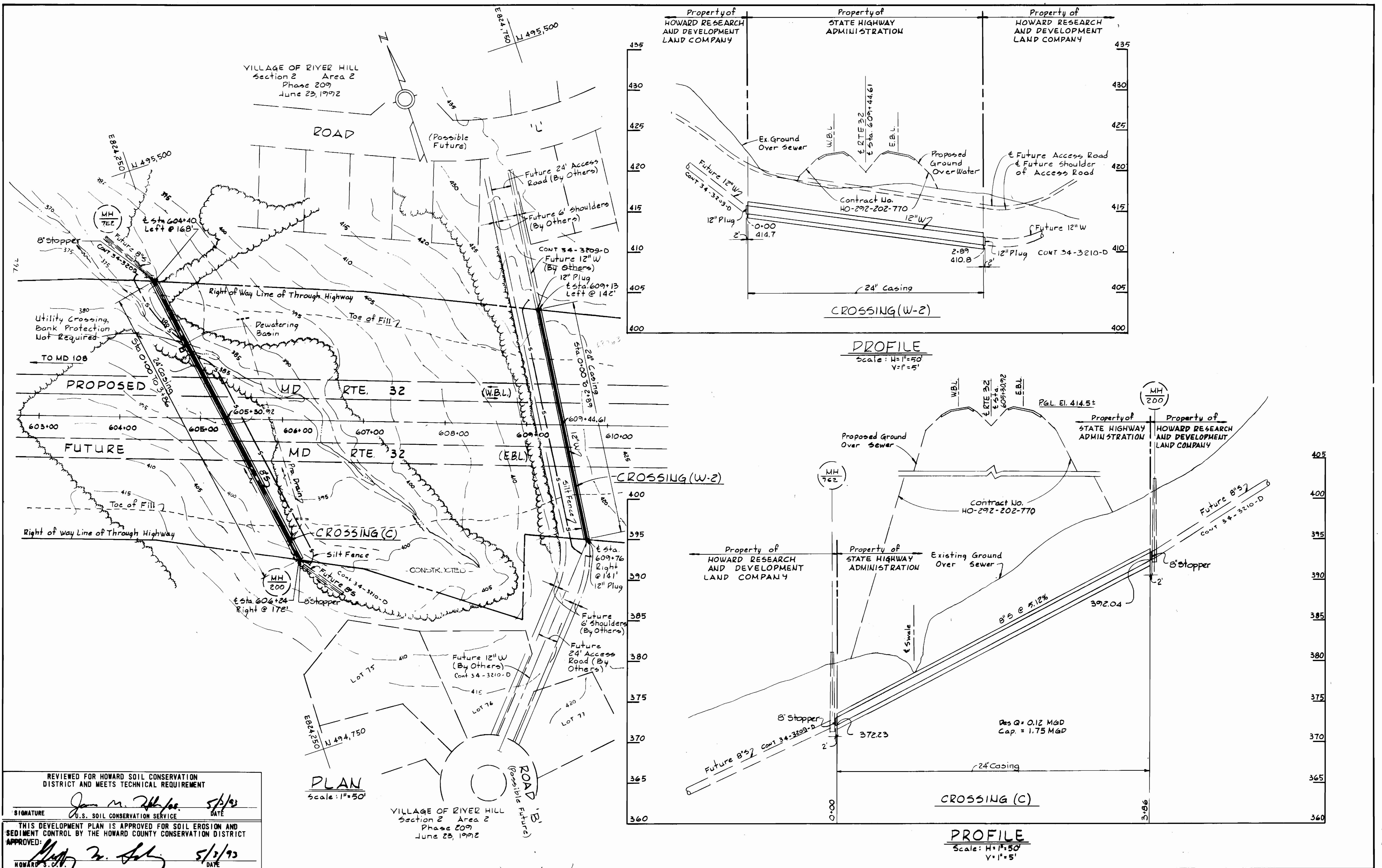
DES. R.B.N.	
DRN. R.A.F.	
CHK. R.B.N.	
DATE 10-11-91	
BY NO.	
REVISION	
DATE	

PLAN & PROFILE OF SEWER MAINS

60' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

COLUMBIA VILLAGE OF RIVER HILL SECTION 2 ELECTION DISTRICT NO. 5 CONTRACT NO. 34-3205-D

SCALE AS SHOWN  
SHEET 3 OF 5



REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

SIGNATURE: *James M. [Signature]* DATE: 5/1/93  
 U.S. SOIL CONSERVATION SERVICE

APPROVED: *[Signature]* DATE: 5/1/93  
 HOWARD S.C.D.

**PLAN**  
 Scale: 1"=50'

VILLAGE OF RIVER HILL  
 Section 2 Area 2  
 Phase 209  
 June 23, 1992

**PROFILE**  
 Scale: H=1"=50'  
 V=1"=5'

DES. R.B.N. [ ]  
 DRN. R.A.F. [ ]  
 CHK. R.B.N. [ ]  
 DATE: 10-11-91

BY NO. [ ] REVISION [ ] DATE [ ]

600' SCALE MAP NO. [ ] BLOCK NO. [ ]

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

DIRECTOR OF PUBLIC WORKS - DATE: 5/1/93  
 CHIEF - BUREAU OF ENGINEERING - DATE: 5/1/93  
 CHIEF - BUREAU OF UTILITIES - DATE: 4/29/93  
 CHIEF - LAND DEVELOPMENT DIVISION - DATE: 5/1/93

WHITMAN, REQUARDT  
 AND ASSOCIATES  
 ENGINEERS

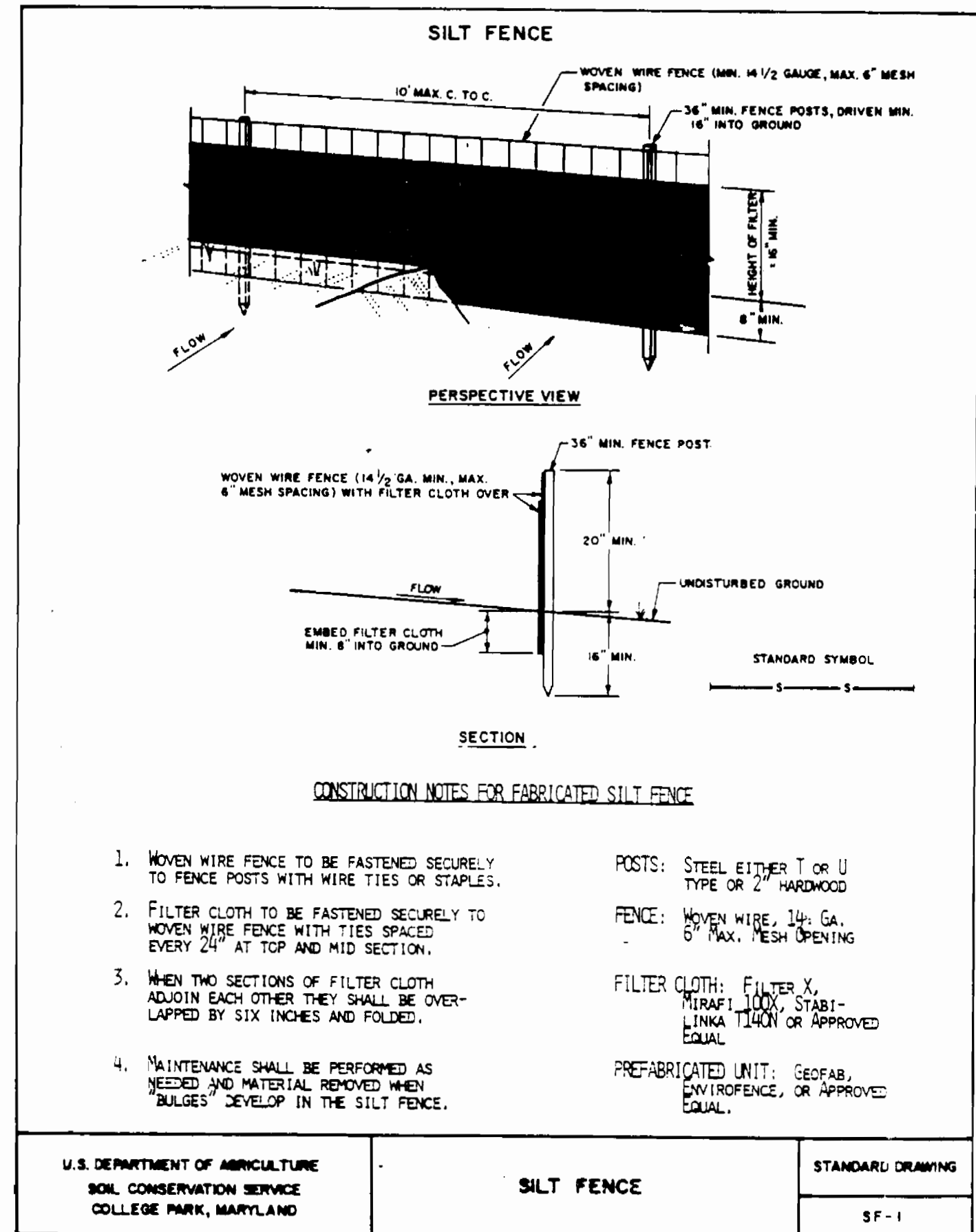
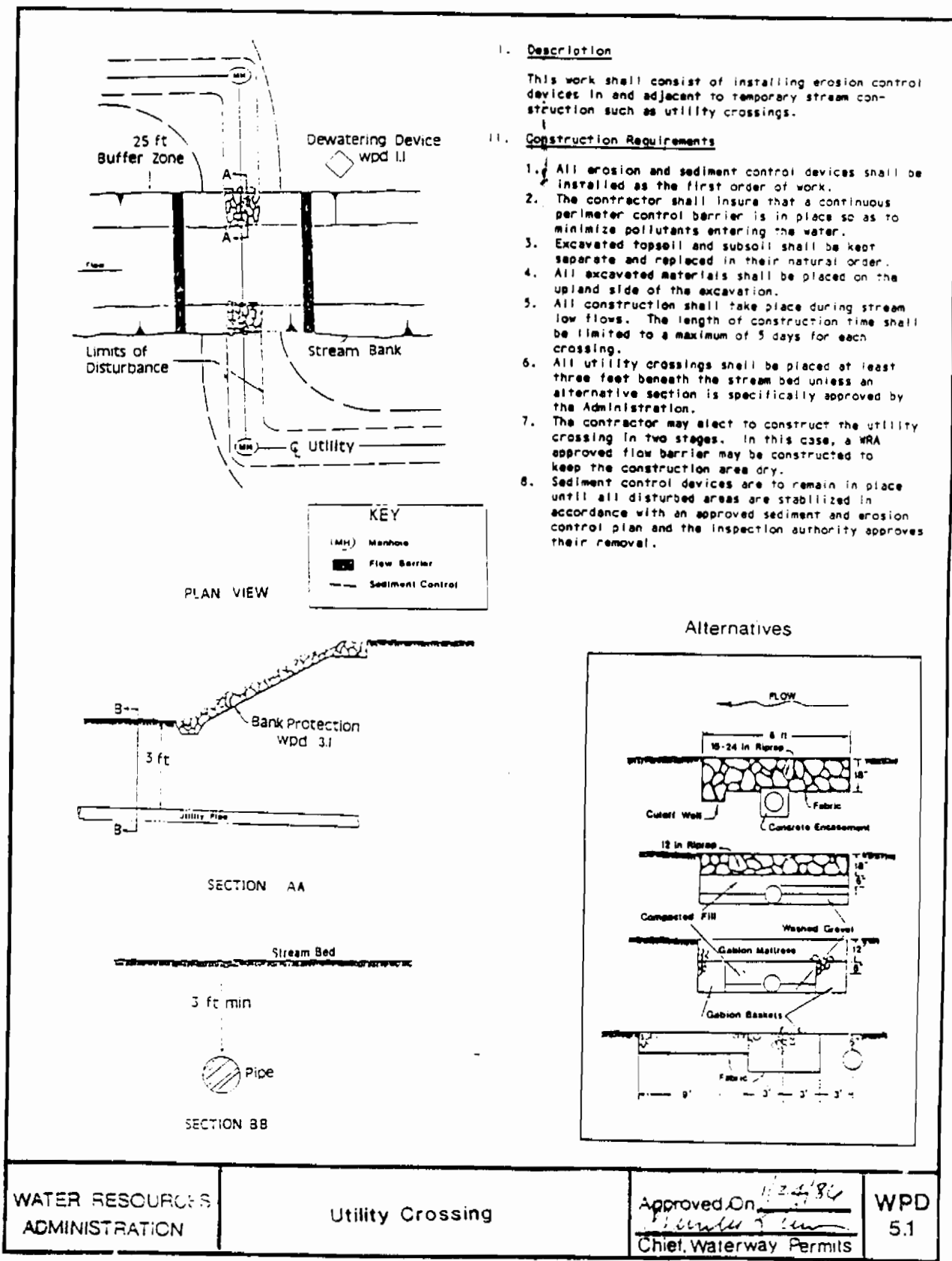
2315 ST. PAUL ST.  
 BALTIMORE, MARYLAND

PROFESSIONAL ENGINEER

PLAN & PROFILE OF  
 SEWER MAINS

COLUMBIA  
 VILLAGE OF RIVER HILL  
 SECTION 2  
 ELECTION DISTRICT NO. 5  
 CONTRACT NO. 34-3205-D

SCALE AS SHOWN  
 SHEET 4 OF 5



**PERMANENT SEEDING**

APPLIES TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT, LONG LIVED VEGETATIVE COVER IS NEEDED.

**SEEDBED PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

**SOIL AMENDMENTS:** IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES.

- PREFERRED** - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.) BEFORE SEEDING, HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 900 LBS PER ACRE 30-0-0 UREA/FORM FERTILIZER (9 LBS/1000 SQ. FT.).
- ACCEPTABLE** - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING, HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

**SEEDING:** - FOR THE PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15. SEED WITH 60 LBS. ACRE (1.4 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 THRU FEBRUARY 28, PROJECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOD. OPTION (3) SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

**MULCHING:** - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GALLONS/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

**MAINTENANCE:** - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS. REPLACEMENTS AND RESEEDINGS.

**TEMPORARY SEEDING**

APPLIES TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

**SEEDBED PREPARATION:** LOOSEN UPPER THREE (3) INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

**SOIL AMENDMENTS:** APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER, (14 LBS/1000 SQ. FT.) AND ONE TON PER ACRE OR 46 LBS/1000 SQ. FT. OF DOLOMITIC LIMESTONE.

**SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15. SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (.07 LBS/1000 SQ. FT.) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28. PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USED SOD.

**MULCHING:** APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/100 SQ. FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE. (5 GAL./1000 SQ. FT. OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GALLON PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR TEMPORARY SEEDING SPECIFICATIONS NOT COVERED.

**SEDIMENT CONTROL NOTES**

A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (902-2437).

ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES GREATER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONG CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

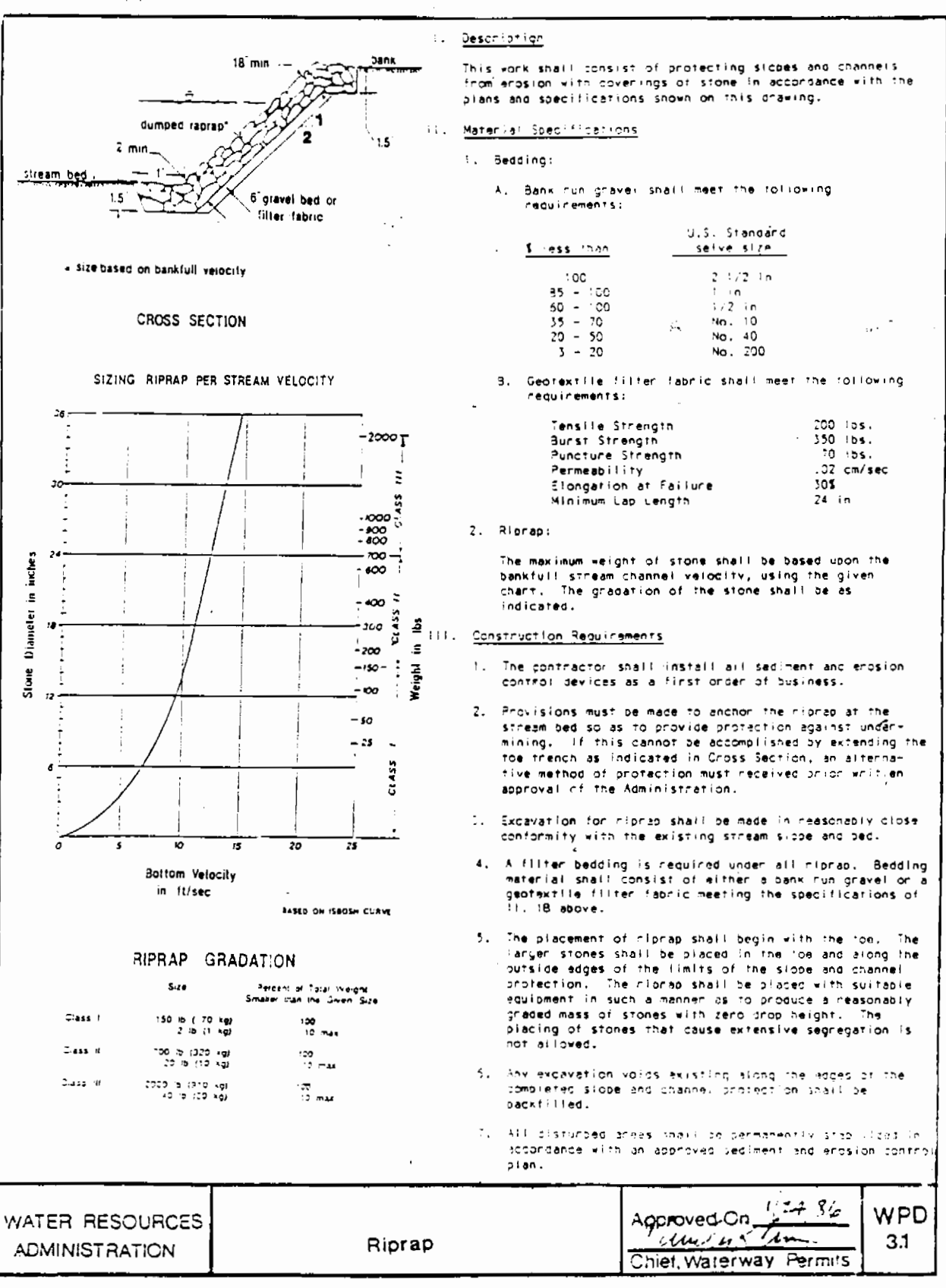
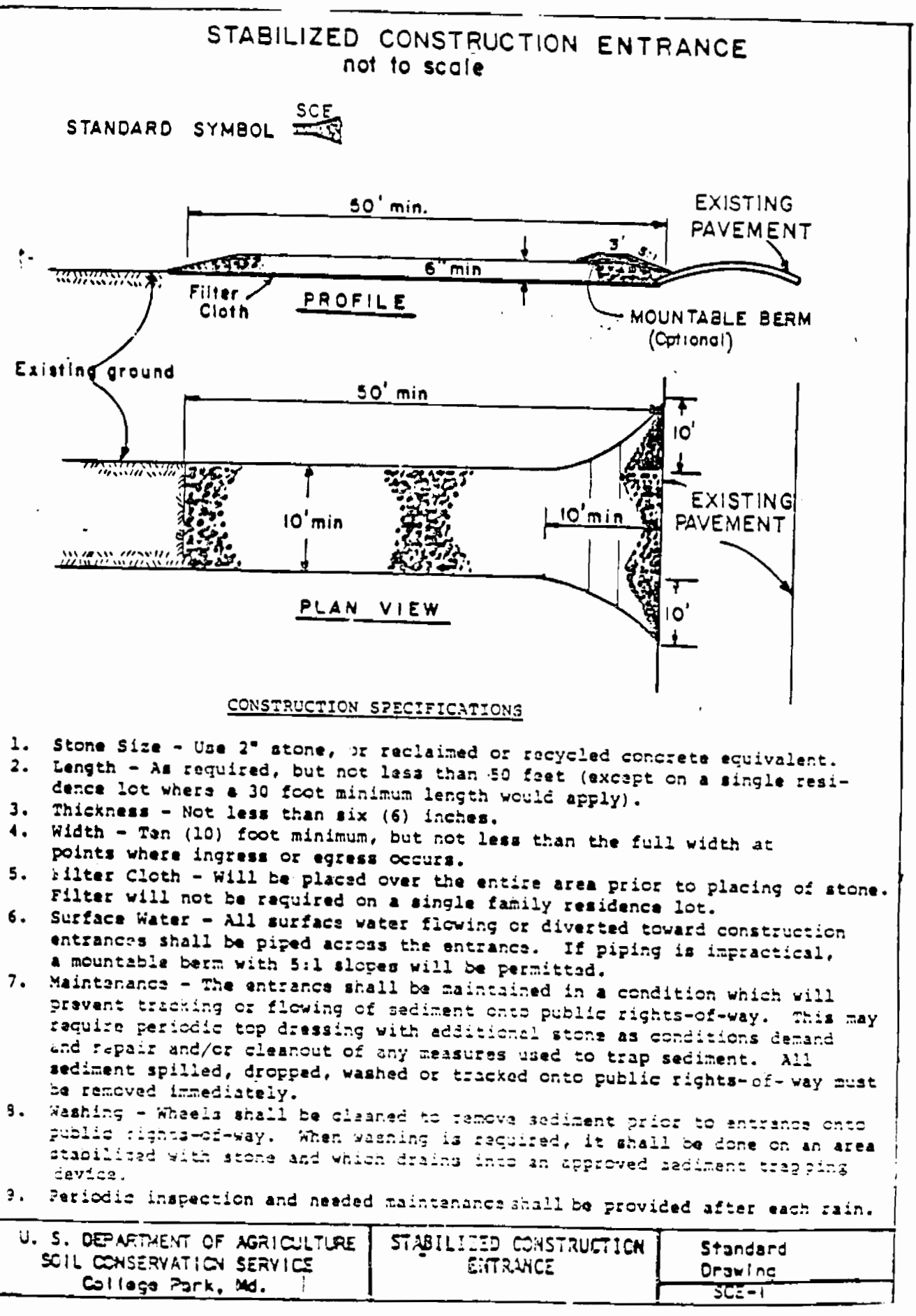
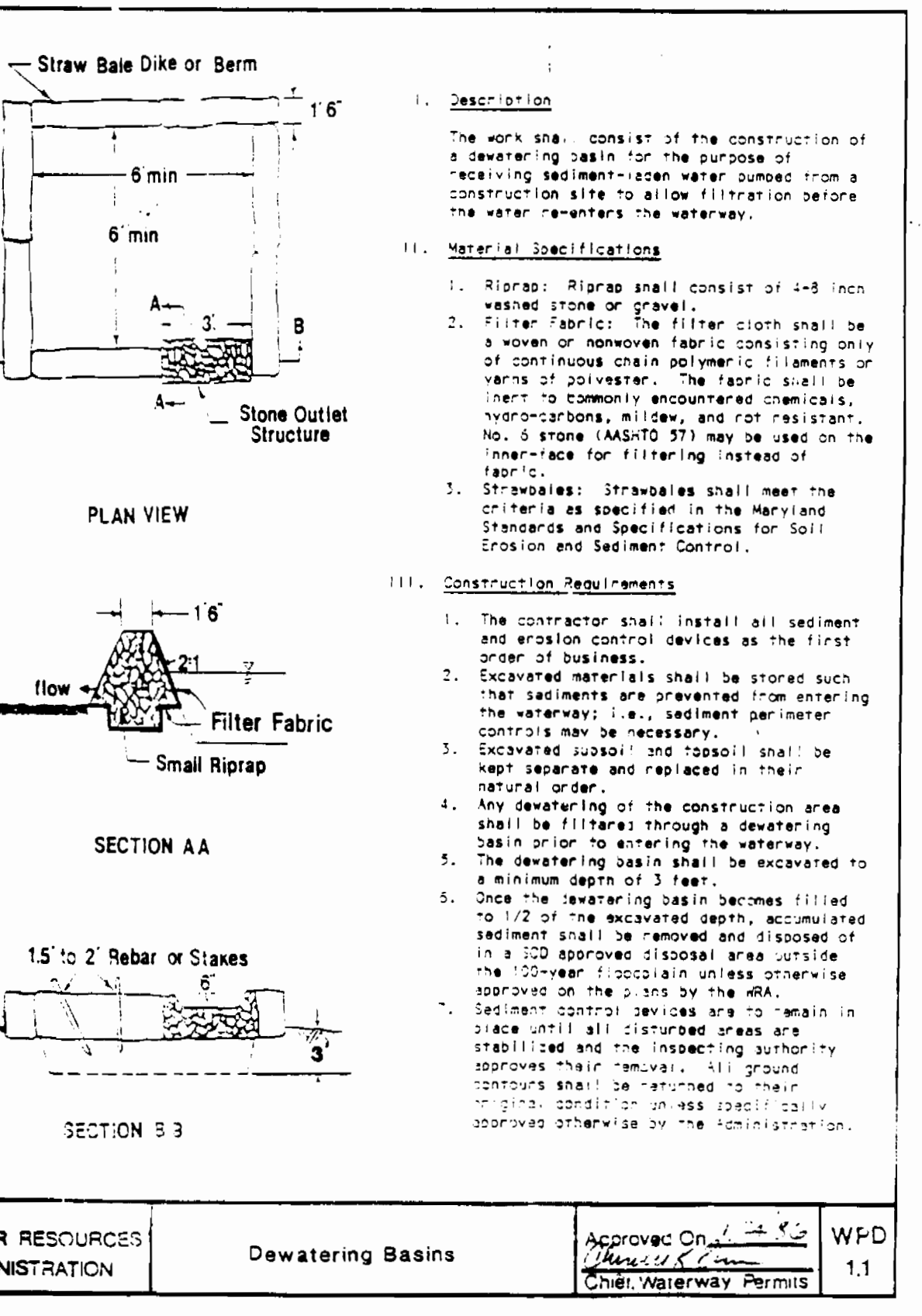
**SITE ANALYSIS:**

TOTAL AREA OF SITE ..... WPA ACRES  
AREA DISTURBED ..... .82 ACRES \*  
AREA TO BE ROOFED OR PAVED ..... NONE ACRES  
AREA TO BE VEGETATIVELY STABILIZED ..... .82 ACRES  
TOTAL CUT ..... NONE CU. YDS.  
TOTAL FILL ..... NONE CU. YDS.  
OFF SITE WASTE/BORROW AREA LOCATION

ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.

ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.

ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS. BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.



**SEQUENCE OF CONSTRUCTION: UTILITY CROSSING**

- OBTAIN ALL REQUIRED PERMITS, APPROVALS, LICENSES FROM THE APPROPRIATE AGENCIES.
- NOTIFY THE ENFORCEMENT DIVISION AT LEAST FIVE DAYS PRIOR TO INITIATION OF CONSTRUCTION AND FIVE DAYS AFTER WORK ENDS. THE ANNAPOLIS OFFICE IS (301) 974-2641. NOTIFY HOWARD COUNTY S.C.S. CONTROL INSPECTORS (301) 465-3180.
- INSTALL PERIMETER CONTROLS CONSISTING OF STRAW BALE DIKES AND/OR SILT FENCING.
- INSTALL THE UTILITY APPROACHES TO THE STREAM.
- DIVERT THE STREAM (REFERENCE WPD 1.1 OR 2.3).
- DEWATER THE CONSTRUCTION AREA. ALL DEWATERING DISCHARGES SHALL BE DIVERTED TO A DEWATERING BASIN AS PER WPD 1.1 BEFORE RE-ENTERING THE STREAM.
- STABILIZE THE DISTURBED BANKS USING FILTER FABRIC AND RIPRAP OR GABIONS. RIPRAP MUST BE SIZED AND INSTALLED AS PER WPD 3.1.
- REMOVE THE DIVERSIONS FROM UPSTREAM TO DOWNSTREAM.
- STABILIZE ALL DISTURBED AREAS.
- NOTIFY S.C.S. INSPECTOR.
- REMOVE PERIMETER CONTROLS.

**NOTES:**

- PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT ALL ACCESS POINTS TO PAVED ROADS.
- SEE PERMITS BOUND IN SPECIFICATIONS AS FOLLOWS:  
WRA \_\_\_\_\_  
COE \_\_\_\_\_

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

*[Signature]* 5/14/93  
DIRECTOR OF PUBLIC WORKS - DATE

*[Signature]* 5/14/93  
CHIEF - BUREAU OF ENGINEERING - DATE

*[Signature]* 5/14/93  
CHIEF - BUREAU OF UTILITIES - DATE

*[Signature]* 5/14/93  
CHIEF - LAND DEVELOPMENT DIVISION - DATE

WHITMAN, REQUARDT  
AND ASSOCIATES  
ENGINEERS

2315 ST. PAUL ST.  
BALTIMORE, MARYLAND

*[Professional Engineer Seal]*

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

SEDIMENT CONTROL

600' SCALE MAP NO. \_\_\_\_\_ BLOCK NO. \_\_\_\_\_

COLUMBIA  
VILLAGE OF RIVER HILL  
SECTION 2  
ELECTION DISTRICT NO. 5  
CONTRACT NO. 34-3205-D

SCALE  
AS  
SHOWN

SHEET  
5 OF 5