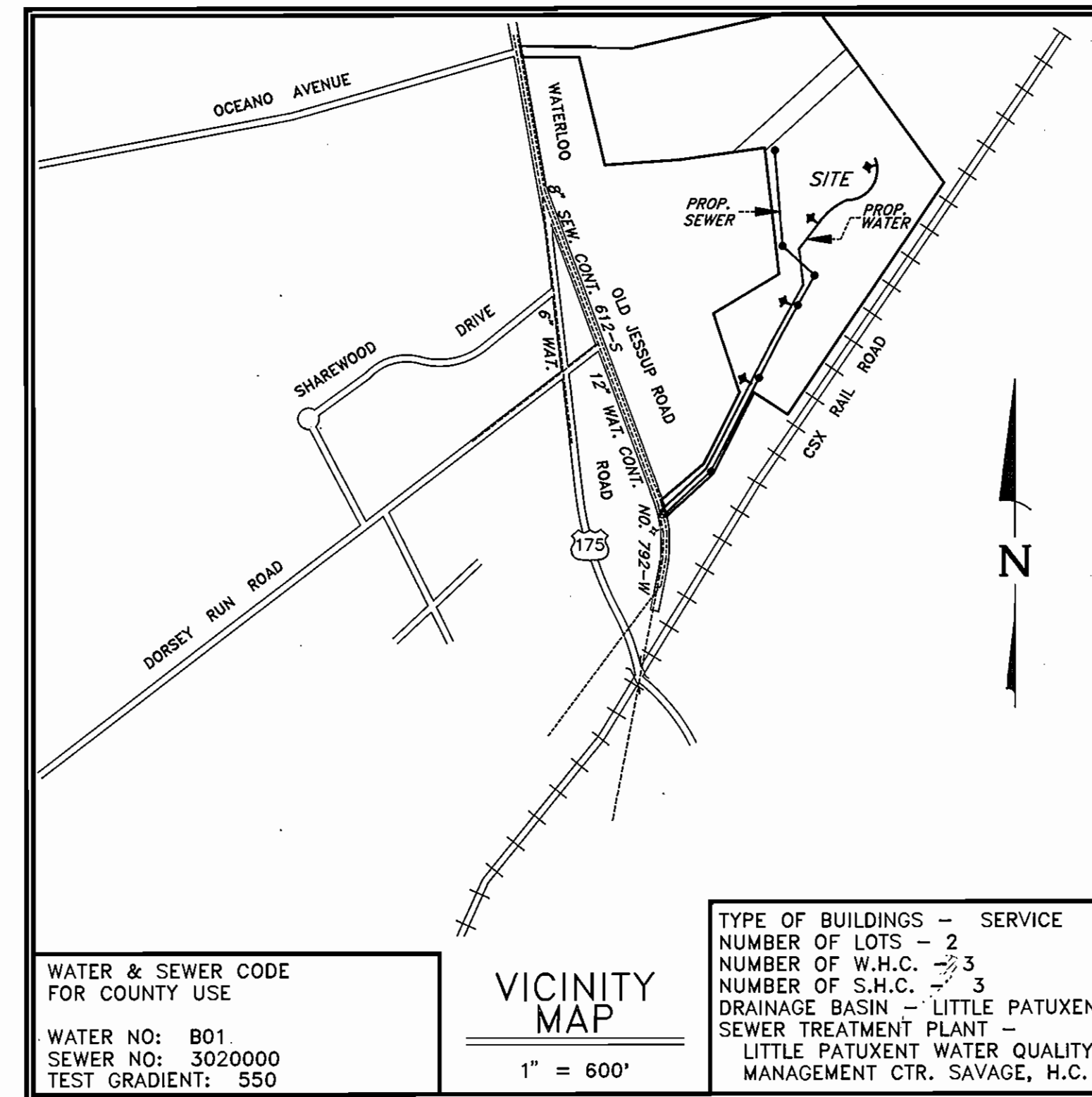


GENERAL NOTES

- 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.C. DATA.
- 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. THE OWNER HAS CONTACTED THE UTILITY COMPANY AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES ADDITIONAL BRACING OF POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANY TO SCHEDULE THE BRACING OF POLES.
- 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. THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV AT THE JOBSITE.
- 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 BEEN DUG SHALL BE LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS 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.
 MISS UTILITY.....1-800-257-7777
 STATE HIGHWAY ADMINISTRATION.....1-800-876-4742
 BALTIMORE GAS & ELECTRIC CO. CONTRACTOR SERVICES.....410-859-9004
 BUREAU OF UTILITIES, HOWARD CO. D.P.W.....410-313-4900
- TREES ARE TO BE PROTECTED FROM DAMAGE TO MAXIMUM EXTENT. TREES 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 AS DIRECTED BY THE ENGINEER. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR EXCAVATION AND BACKFILL.
- PLACE REGULATION "MEN WORKING" AND WARNING SIGNS AS REQUIRED TO COMPLY WITH MARYLAND STATE HIGHWAY ADMINISTRATION MANUAL OF TRAFFIC CONTROL FOR HIGHWAY MAINTENANCE OPERATIONS.
- ALL WATER MAINS TO BE CLASS 52 D.I.P. UNLESS OTHERWISE NOTED.
- TOP OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- BLOCK ALL FITTINGS WITH CONCRETE.
- BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AS PER STANDARD DETAILS W 1.1 AND W2.13. THE SOIL AROUND THE FIRE HYDRANTS SHALL BE COMPACTED IN ACCORDANCE WITH SECTIONS 1000 AND 1005 OF THE GENERAL REQUIREMENTS FOR WATER AND SEWER.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR AN INSIDE METER SETTING.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING SYSTEM.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH A.W.W.A. SPEC. C-153 DUCTILE IRON COMPACT FITTINGS 3'-12" FOR WATER AND OTHER LIQUIDS.
- THE SERVICE CLAMPS ARE TO HAVE STAINLESS STEEL STRAPS.
- ALL SEWER MAINS SHALL BE C.S.P.X., 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 BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, PER H.C. STANDARD DETAIL 05.52 VOLUME IV. WHERE WATERTIGHT MANHOLE IS USED SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE.
- HOUSE (S) WITH SYMBOL "C.N.S." INDICATES CELLAR CANNOT BE SERVED.
- ALL WATER HOUSE CONNECTIONS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 12" ABOVE ALL SANITARY SEWER CROSSINGS.
- ALL SANITARY SEWER HOUSE CONNECTIONS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 12" BELOW ALL WATER MAIN CROSSINGS.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- NO PIPE SHALL BE LAID UNTIL LINES OF EXCAVATION HAVE BEEN BROUGHT TO DIMENSIONS.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT 410-313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT BORING OR JACKING OPERATION IN ANY COUNTY ROAD FOR LAYING WATER, SEWER OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.

QUANTITIES				
ITEM	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" SEWER MAIN	2,051 L.F.			
4" SEWER LINE	5 L.F.			
SEWER MAN HOLE	7 EACH			
8" SEWER PLUG	1 EACH			
4" SEWER PLUG	1 EACH			
12"x 12" TS&V	1 EACH			
12" WATER MAIN	2,032 L.F.			
12" 1/8 BEND	3 EACH			
12"x 6" TEE	4 EACH			
12"x 4" TEE	2 EACH			
12"x 2" TEE	1 EACH			
FIRE HYDRANT	4 EACH			
12" WATER PLUG	1 EACH			
4" VALVE	2 EACH			
2" VALVE	1 EACH			
6" VALVE	4 EACH			
NAME OF UTILITY CONTRACTOR _____				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE. _____				



BENCHMARKS

- BM #1 RAILROAD SPIKE IN 12" DIAMETER SHEET GUM TREE 10 FEET WEST OF OLD FOUNDATION ELEV. = 203.85'
- BM #2 RAILROAD SPIKE IN 16" DIAMETER MAPLE TREE ON EAST SIDE OF DRAINAGE SWALE ELEV. = 203.86'
- BM #3 RAILROAD SPIKE IN 22" DIAMETER MAPLE TREE ON THE SOUTH WEST CORNER OF GRAVEL DRIVE WAY INTERSECTION EAST OF STREAM ELEV. = 186.33'
- BM #4 RAILROAD SPIKE IN 8.4" E POLE #307188 SOUTH OF OLD JESSUP ROAD, WEST OF A DRIVEWAY ELEV. = 182.30'

JESSUP PARK
 CONTRACT NO. 24-3223-D
 WATER AND SEWER PLANS

HOWARD SOIL CONSERVATION DISTRICT
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT
 AND MEETS TECHNICAL REQUIREMENTS
James M. Kelly 2/14/93
 U.S. SOIL CONSERVATION SERVICE DATE

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
John L. Robertson 2/14/93
 HOWARD SOIL CONSERVATION DISTRICT DATE

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER ROAD CONSTRUCTION PLANS F-92-104.

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

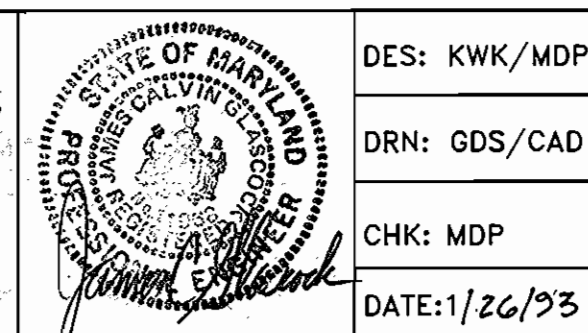
James M. Kelly 2/11/93
 DIRECTOR OF PUBLIC WORKS DATE

Michael S. Riley 2-11-93
 CHIEF, BUREAU OF ENGINEERING DATE

Robert M. Berman 1-11-93
 CHIEF, BUREAU OF UTILITIES DATE

John J. Williams 2/10/93
 CHIEF, LAND DEVELOPMENT DIVISION DATE

MACRIS, HENDRICKS & GLASCOCK, P.A.
 ENGINEERS PLANNERS SURVEYORS
 9220 WIGHTMAN ROAD, SUITE 120
 GAITHERSBURG, MARYLAND 20879
 PHONE 1-301-670-0840



DES: KWK/MDP				
DRN: GDS/CAD				
CHK: MDP				
DATE: 1/26/93	BY	NO.	REVISIONS	DATE

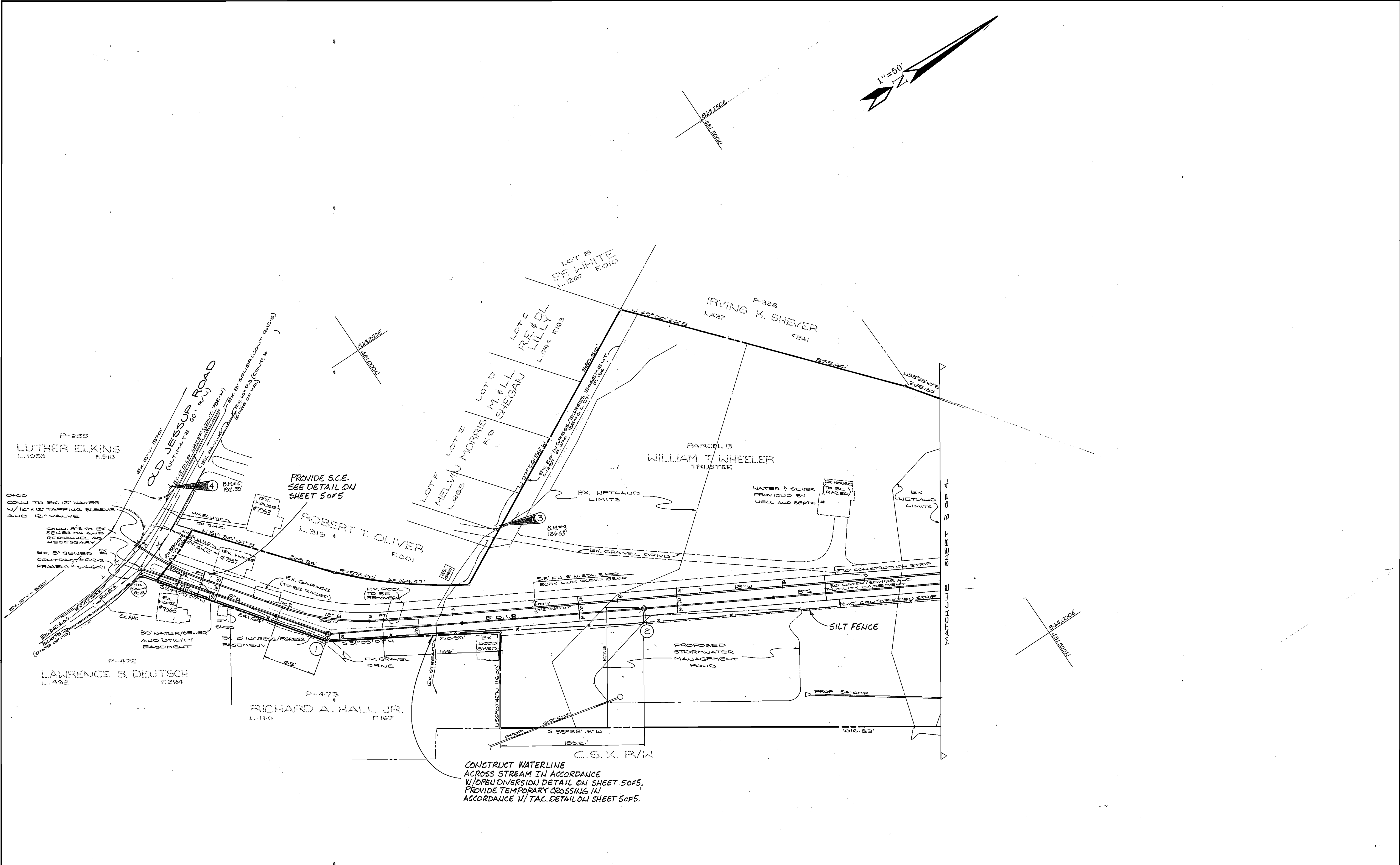
TITLE SHEET
 WATER & SEWER MAINS

600 SCALE MAP NO. 43
 BLOCK NO. 21

JESSUP PARK
 PARCEL "B"
 1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

CONTRACT NO. 24-3223-D
 MHG JOB # 87-215-10

SCALE AS SHOWN
 SHEET 1 OF 5



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James P. Lewis 2/11/93
DIRECTOR OF PUBLIC WORKS DATE

Richard A. Hall Jr. 2/11/93
CHIEF, BUREAU OF ENGINEERING DATE

John J. Deussen 1-11-93
CHIEF, BUREAU OF UTILITIES DATE

John J. Deussen 2/11/93
CHIEF, LAND DEVELOPMENT DIVISION DATE

MACRIS, HENDRICKS & GLASCOCK, P.A.
ENGINEERS PLANNERS SURVEYORS
9220 WIGHTMAN ROAD, SUITE 120
GAITHERSBURG, MARYLAND 20879
PHONE 1-301-670-0840



DES: K.W.K.				
DRN: G.O.S.				
CHK: M.D.R.				
DATE: 1/26/93	BY:	NO.	REVISIONS	DATE

PLAN OF
WATER & SEWER MAINS
WITH SEDIMENT CONTROL

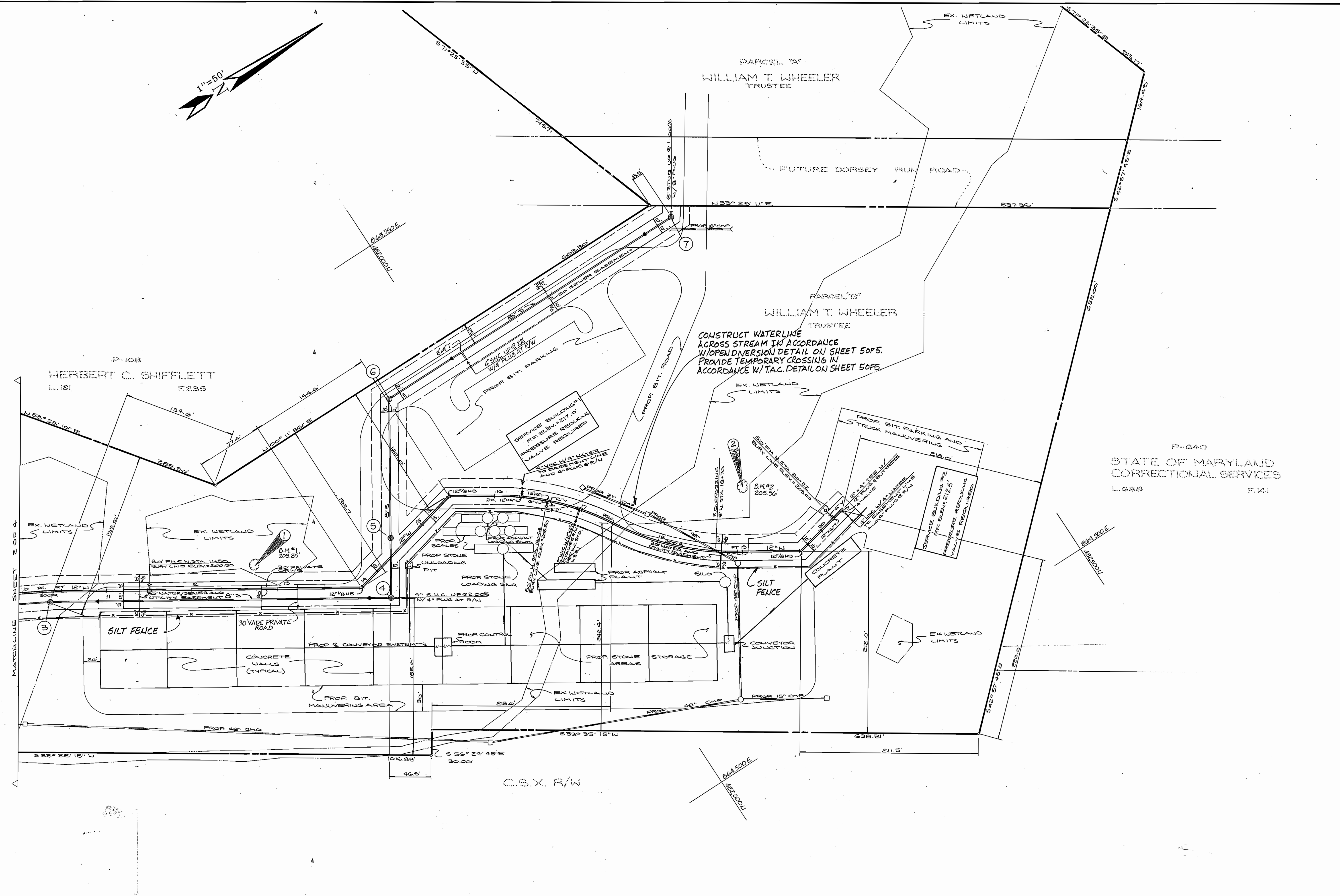
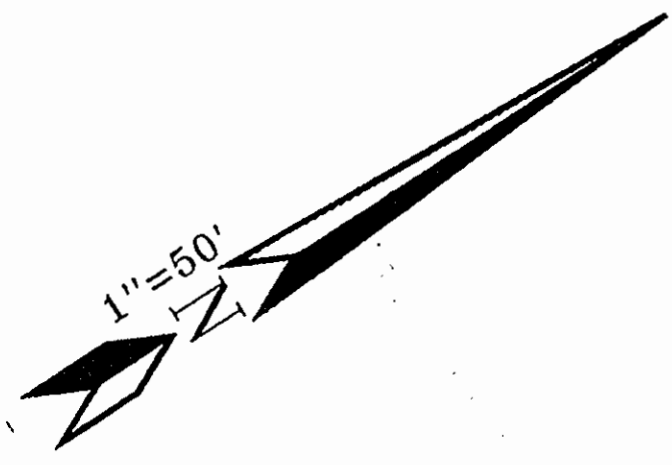
600 SCALE MAP NO. 43
BLOCK NO. 21

JESSUP PARK
PARCEL "B"
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

CONTRACT NO. -24-3223-D
MHG JOB # 87-215-10

SCALE
1" = 50'

SHEET
2 OF 5



DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James M. Lewis 2/11/93
DIRECTOR OF PUBLIC WORKS DATE

W. Scott B. Reid 2/11/93
CHIEF, BUREAU OF ENGINEERING DATE

Robert M. Bennett 1-11-93
CHIEF, BUREAU OF UTILITIES DATE

John P. Dammann 2/1/93
CHIEF, LAND DEVELOPMENT DIVISION DATE

MACRIS, HENDRICKS & GLASCOCK, P.A.
ENGINEERS PLANNERS SURVEYORS
9220 WIGHTMAN ROAD, SUITE 120
GAITHERSBURG, MARYLAND 20879
PHONE 1-301-670-0840



DES: K.W.K.				
DRN: G.O.S.				
CHK: M.D.R.				
DATE: 1/26/93	BY	NO.	REVISIONS	DATE

PLAN OF
WATER & SEWER MAINS
WITH SEDIMENT CONTROL

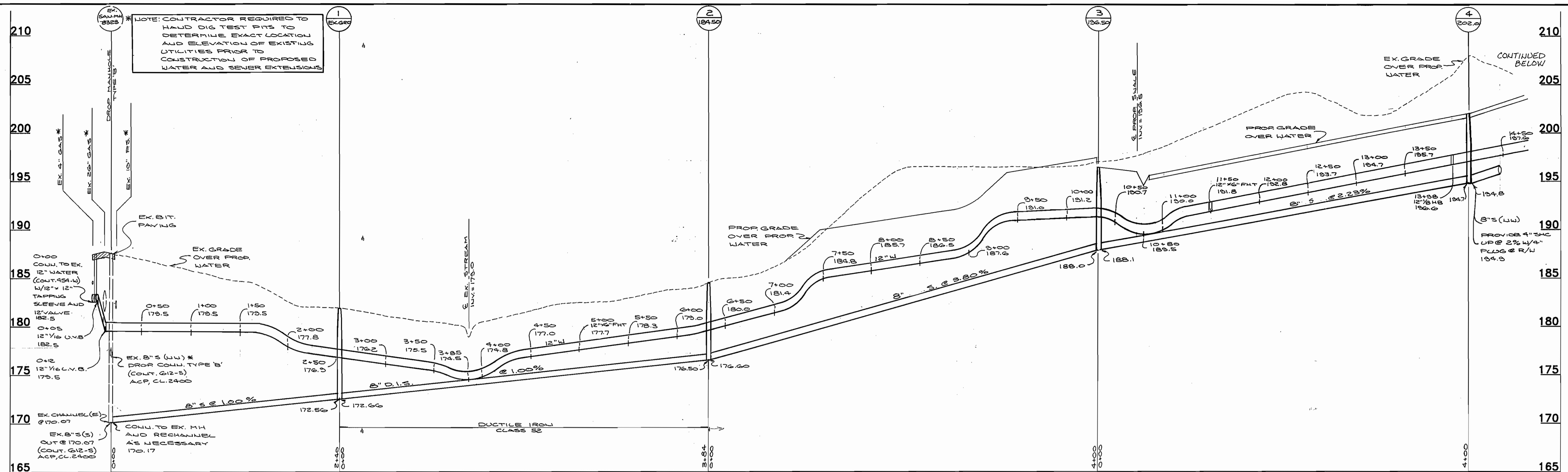
600 SCALE MAP NO. 43
BLOCK NO. 21

JESSUP PARK
PARCEL "B"
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

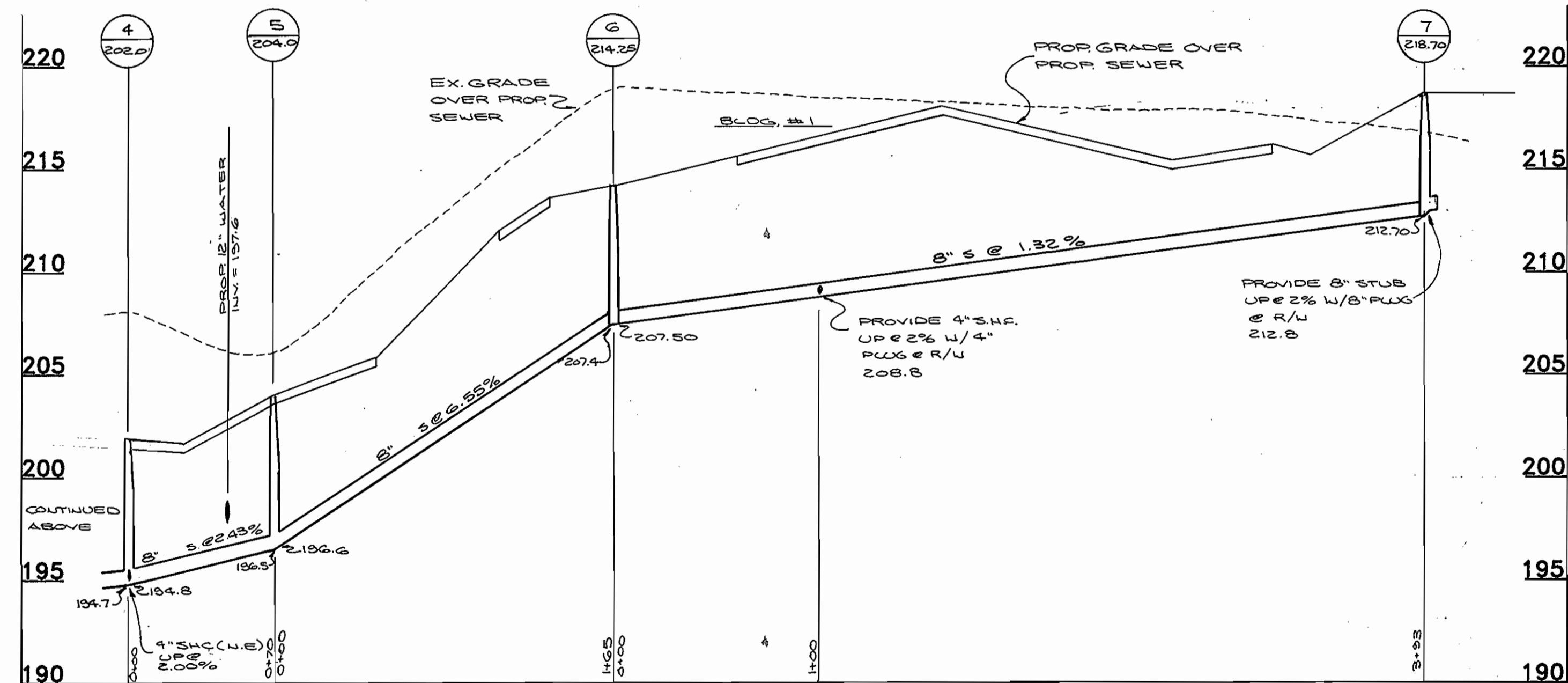
CONTRACT NO. - 24-3223-D
MHG JOB # 87-215-10

SCALE
1" = 50'

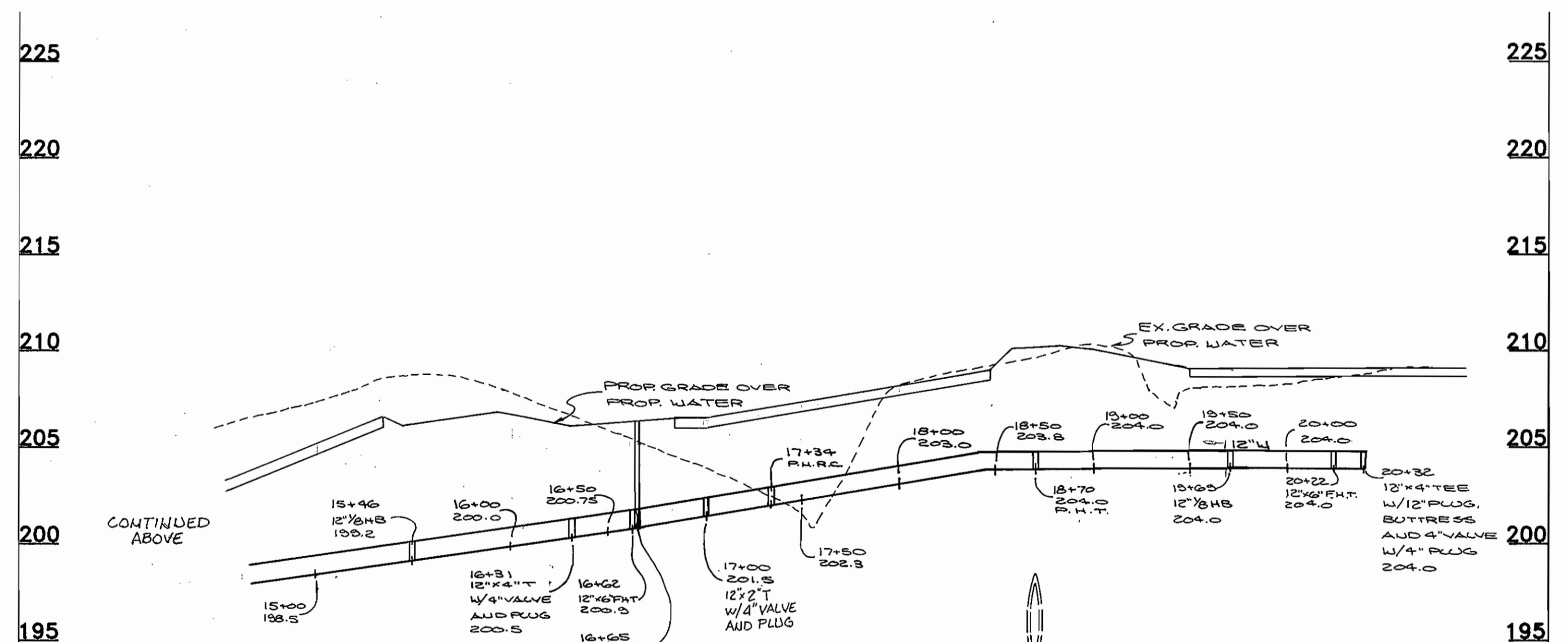
SHEET
3 OF 5



WATER & SEWER PROFILES
SCALE: 1" = 50' HORZ., 1" = 5' VERT.



SEWER PROFILE
SCALE: 1" = 50' HORZ., 1" = 5' VERT.



WATER PROFILE
SCALE: 1" = 50' HORZ., 1" = 5' VERT.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

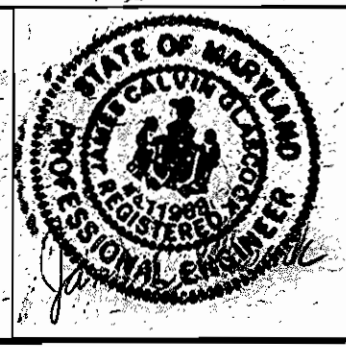
James P. Selig 2/11/93
DIRECTOR OF PUBLIC WORKS DATE

Kevin R. Pugh 2-11-93
CHIEF, BUREAU OF ENGINEERING DATE

Robert M. DeWitt 1-11-93
CHIEF, BUREAU OF UTILITIES DATE

Michael J. Damann 2/10/93
CHIEF, LAND DEVELOPMENT DIVISION DATE

MACRIS, HENDRICKS & GLASCOCK, P.A.
ENGINEERS PLANNERS SURVEYORS
9220 WIGHTMAN ROAD, SUITE 120
GAITHERSBURG, MARYLAND 20879
PHONE 1-301-670-0840



DES: K.W.K.				
DRN: G.O.S.				
CHK: M.O.P.				
DATE: 1/26/93				
BY NO.		REVISIONS	DATE	

PROFILES OF
WATER & SEWER MAINS

600 SCALE MAP NO. 43

JESSUP PARK
PARCEL "B"
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

CONTRACT NO. 24-3223-D

MHG JOB # 87-215-10

SCALE
HORZ. 1" = 50'
VERT. 1" = 5'

SHEET
4 OF 5

PERMANENT SEEDING NOTES

Apply to graded or cleared areas 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, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred -- Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.)
- 2) 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 disk 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 per 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 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect 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 gal/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 seeded areas and make needed repairs, replacements and reseeds.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seedbed preparation: Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

Soil Amendments: -- Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding: -- For periods March 1 thru April 30 and from August 15 thru October 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, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

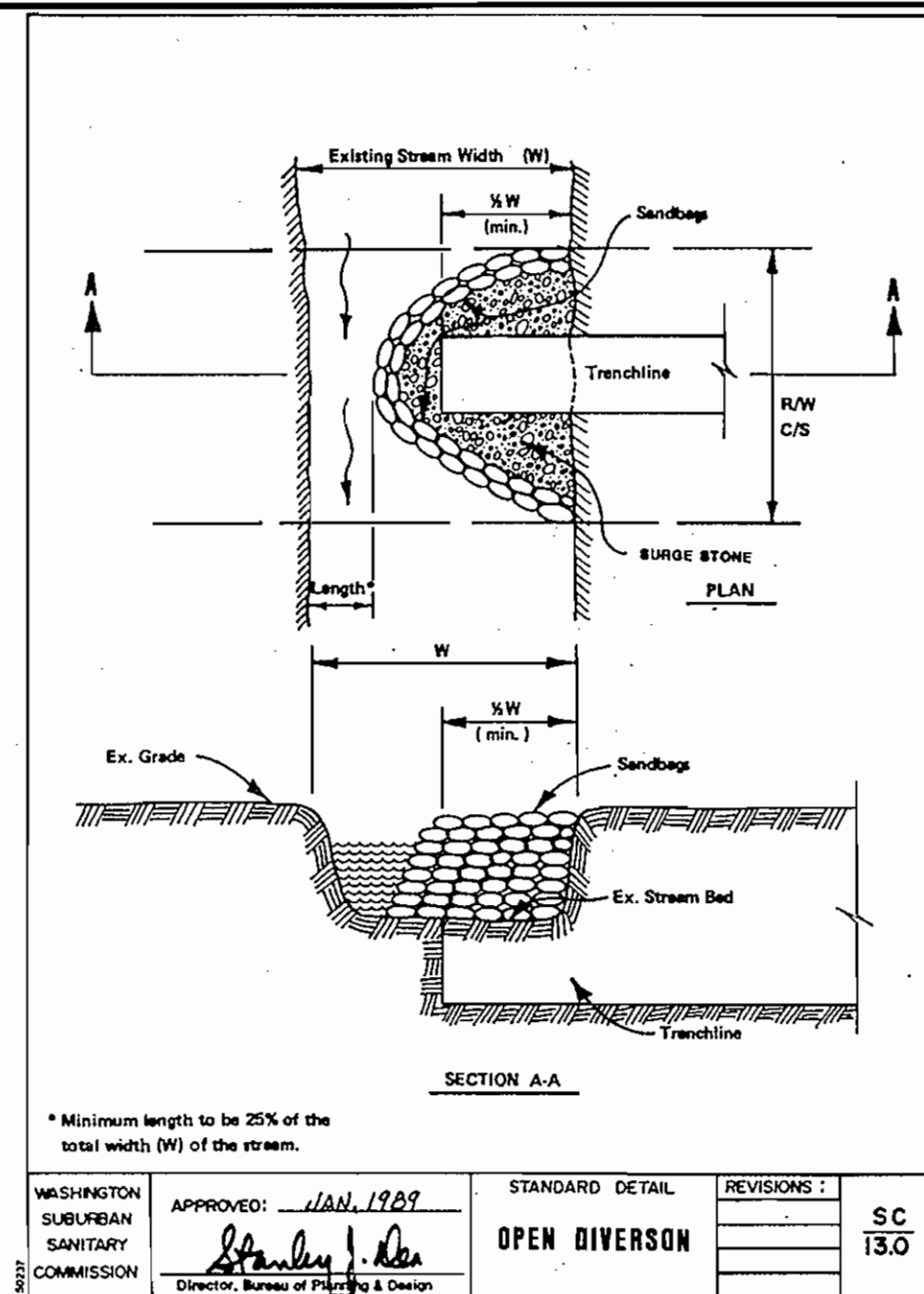
Mulching: -- Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

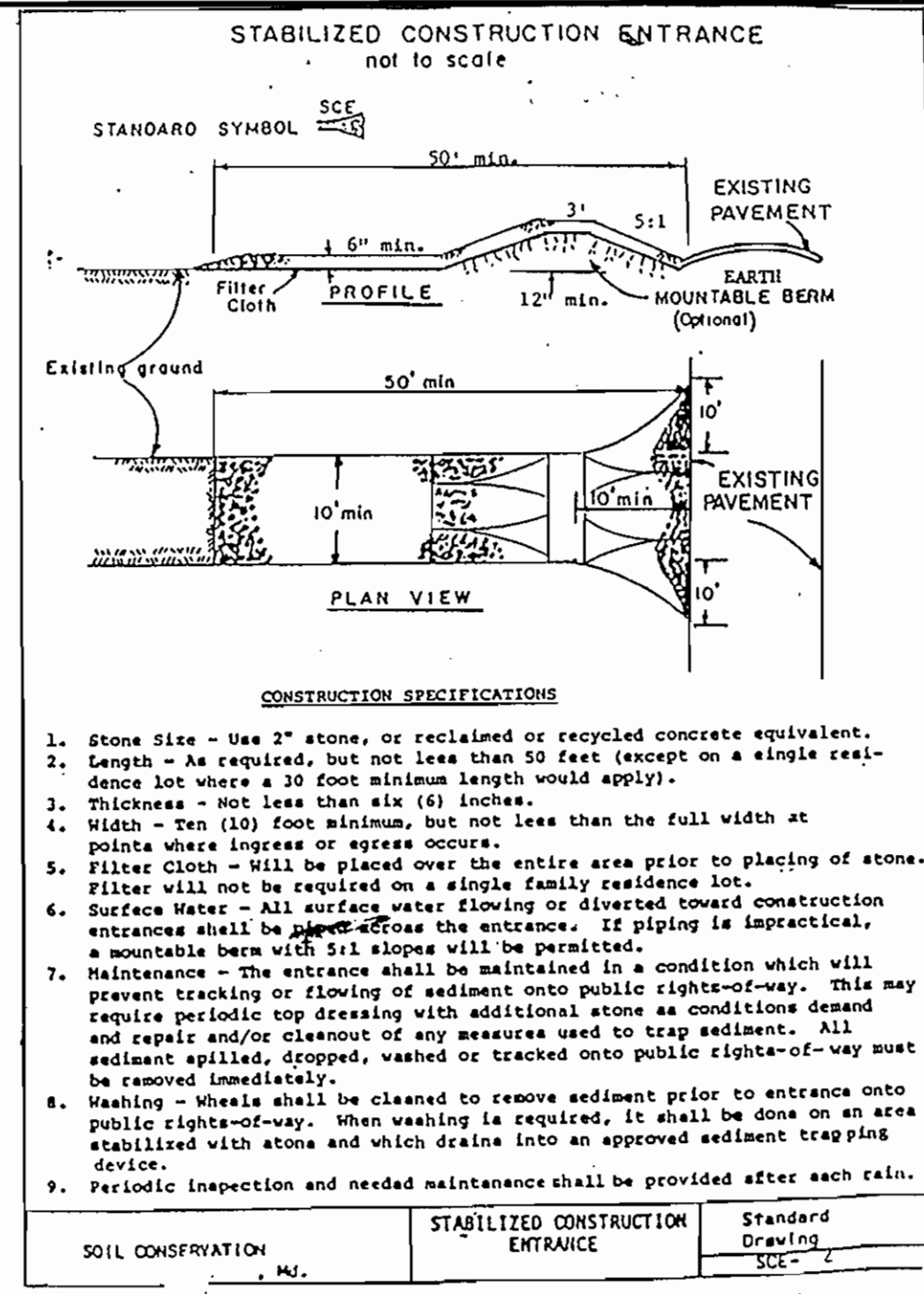
STANDARD SEDIMENT CONTROL NOTES

- 1) A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction, (886-3450).
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", and revisions thereto.
- 3) 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 and all slopes greater than 3:1; b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) 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 seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6) 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.
- 7) Site Analysis:

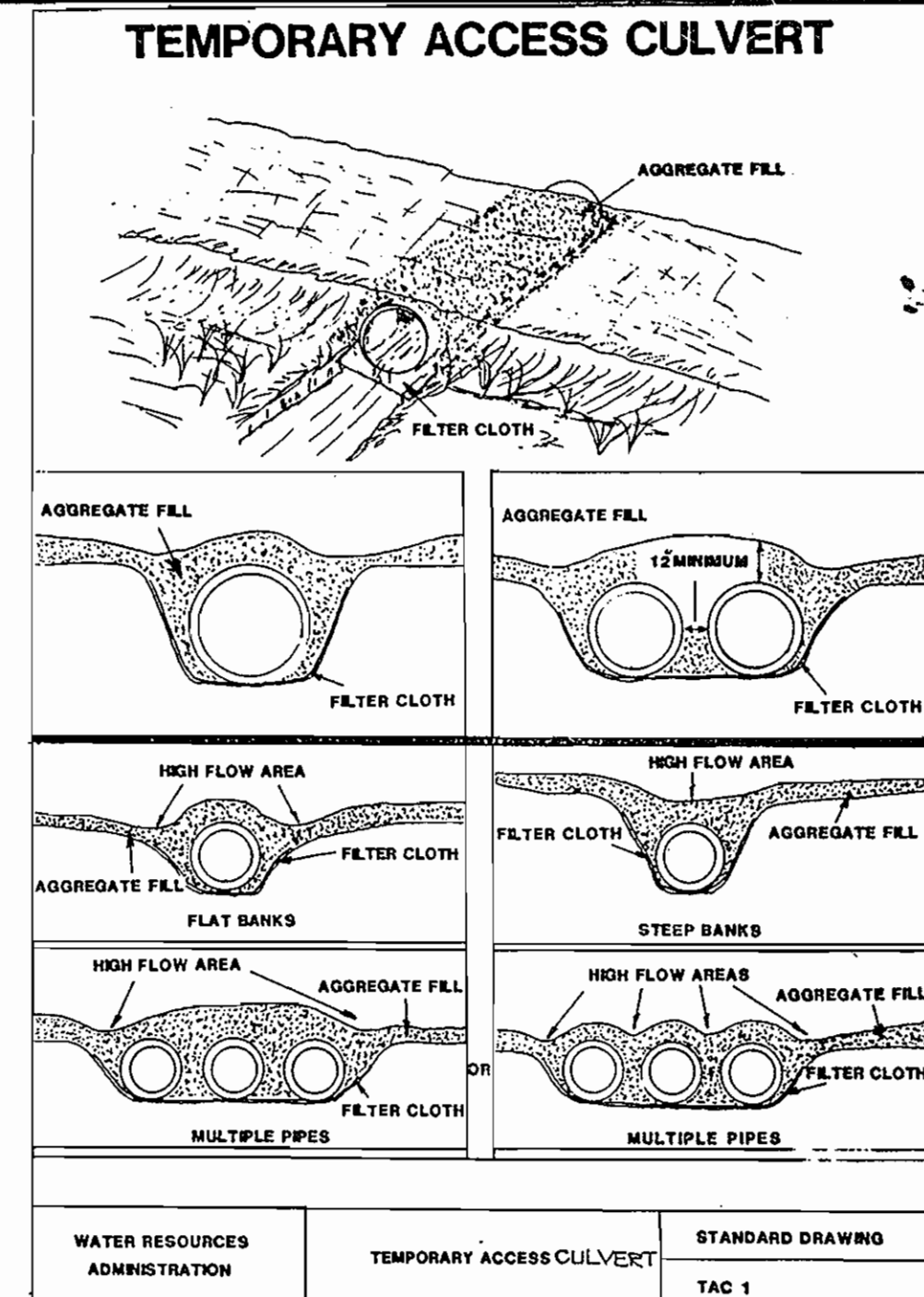
Total Area of Site	34.6	Acres
Area Disturbed	1.5	Acres
Area to be roofed or paved	0	Acres
Area to be vegetatively stabilized	1.5	Acres
Total Cut	1,500	Cu. Yds.
Total Fill	1,500	Cu. Yds.
Offsite waste/borrow area location	N/A	
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10) 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.
- 11) Trenches for the construction of utilities is limited to three pipe lengths or that which can be back filled and stabilized within one working day, whichever is shorter.



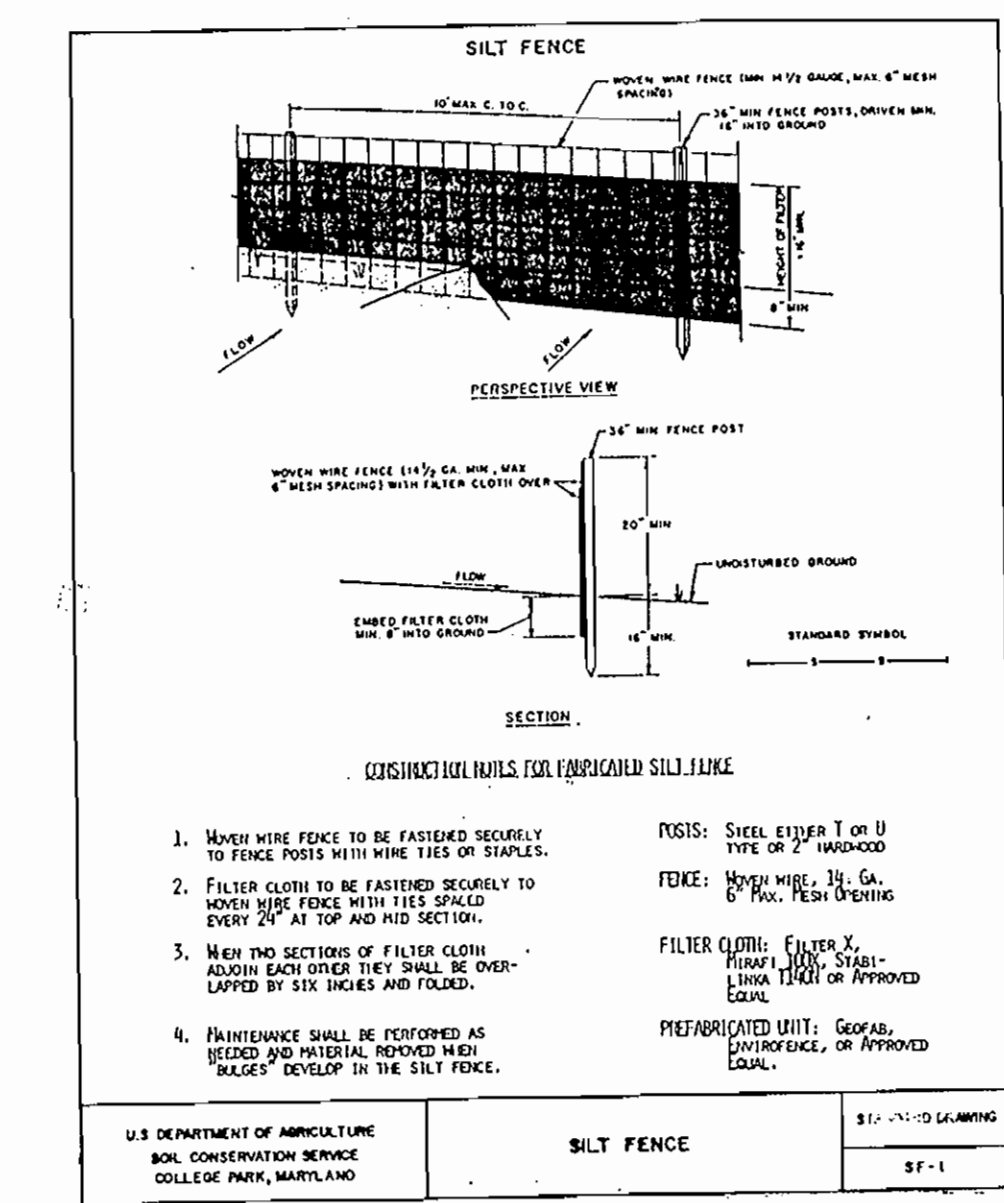
WASHINGTON SUBURBAN SANITARY COMMISSION	APPROVED: <i>[Signature]</i> JAN 1989	STANDARD DETAIL	REVISIONS:	SC 13.0
	<i>[Signature]</i> Director, Bureau of Planning & Design	OPEN DIVERSION		



- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 2. Length - As required, but not less than 50 feet (except on a single residential lot where a 30 foot minimum length would apply).
 3. Thickness - not less than six (6) inches.
 4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 5. 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.
 6. Surface Water - All surface water flowing or diverted toward construction entrances shall be placed across the entrance. If piping is impractical, a mountable berm with 5:1 slope will be permitted.
 7. 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 cleaning of any resources used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 8. Washing - Vehicles 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.
 9. Periodic inspection and needed maintenance shall be provided after each catch.



WATER RESOURCES ADMINISTRATION	TEMPORARY ACCESS CULVERT	STANDARD DRAWING	TAC 1
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- CONSTRUCTION NOTES FOR PREPARED SILT FENCE**
1. MONITOR FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO MONITOR FENCE WITH TIES SPACED EVERY 2' AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH MEET EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND TOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS REQUIRED AND WHENEVER MONITOR WEDGES DEVELOP IN THE SILT FENCE.
- POSTS: STEEL STUDS 1 OR U TYPE OR 2" HARDWOOD
FENCE: 12' HIGH WIRE, 12' GAL. 5' HIGH FENCE POSTS, SPACED 12' ON CENTER
FILTER CLOTH: FILTER X, FILTER Y, FILTER Z, STABILIZED FIBER OR APPROVED EQUAL
PREPARED UNIT: GEOTEX, UNWELDED, OR APPROVED EQUAL.

SEQUENCE OF CONSTRUCTION

1. OBTAIN A GRADING PERMIT.
2. CONSTRUCT SILT FENCE ALONG THE DOWN HILL SIDE OF THE AREA TO BE DISTURBED.
3. CONSTRUCT WATER & SEWER FROM THE PUBLIC CONNECTIONS TO 50' INTO THE SITE.
4. CONSTRUCT THE STABILIZED CONSTRUCTION ENTRANCE, MAINTAIN SILT FENCE.
5. CONSTRUCT REMAINING WATER AND SEWER, PROVIDING STREAM CROSSINGS AS NECESSARY.
6. WHEN THE DISTURBED AREA IS STABILIZED AND UPON RECEIVING PERMISSION FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE STABILIZATION NOTES.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 2/14/93
DIRECTOR OF PUBLIC WORKS DATE

[Signature] 2-11-93
CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 2-16-93
CHIEF, BUREAU OF UTILITIES DATE

[Signature] 2/16/93
CHIEF, LAND DEVELOPMENT DIVISION DATE

MACRIS, HENDRICKS & GLASCOCK, P.A.
ENGINEERS PLANNERS SURVEYORS
9220 WIGHTMAN ROAD, SUITE 120
GAITHERSBURG, MARYLAND 20879
PHONE 1-301-670-0840

DES: MDP					
DRN: -					
CHK: MDP					
DATE: 1/26/93	BY	NO.	REVISIONS	DATE	

SOIL EROSION & SEDIMENT CONTROL
DETAILS AND NOTES

600 SCALE MAP NO. 43
BLOCK NO. 21

JESSUP PARK
PARCEL "B"
1ST ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

CONTRACT NO. 24-3223-D
MHG JOB # 87-215-10

SCALE 1" = 50'
SHEET 5 OF 5