HILL STREET AND TWENTY FOOT LANE

4-INCH WATER MAIN

CAPITAL PROJECT W-8698 Hi **CONTRACT NO. 44-4053**

QUANTITIES							
ITEM	QUA	NTITIES AS BUILT	TYPE MATERIAL	SUPPLIER			
4" WATER MAIN	130 FT.	124 FT.	D.I.P.	ATLANTIC STATES			
1" WATER	37 FT.	38 FT.	TYPE "K" COPPER TUBE	CAMBRIDGE LEE			
6" × 4" TAPPING SLEEVE & VALVE	1	ı	RESILIENT SEAT GATE VALVE	SMITH BLAIR			
			,	•			

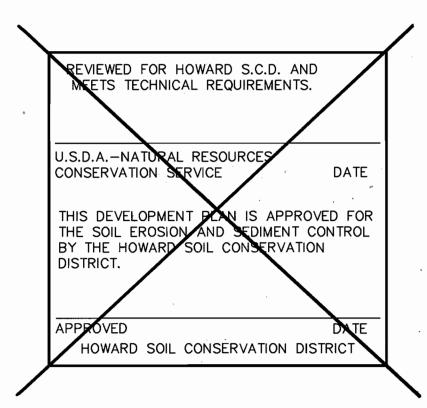
CONTRACTOR: W.F. WILSON AND SONS, INC. "SEDIMENT CONTROL TO BE IMPLEMENTED IN ACCORDANCE WITH VOLUME 4, ARTICLE 15 OF THE HOWARD COUNTY DESIGN MANUAL AND THESE PLANS."

ENGINEER'S CERTIFICATION OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE HOWARD COUNTY SOIL

CONSERVATION DISTRICT.

DATE /2/20/02 WALLACE, MONTGOMERY & ASSOCIATES 110 WEST ROAD - SUITE 345 TOWSON, MARYLAND 21204

(410) 494-9093



DEVELOPER'S CERTIFICATION

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION

SIGNATURE OF DEVELOPER PRINT NAME BELOW SIGNATURE

MDE PERMIT NO.

NOT APPLICABLE

BENCHMARKS 🕀									
NO.	ELEV.	NORTHING	EASTING	DESCRIPTION					
25AA	308.398	585307.192	1366070.97	STANDARD CONCRETE MONUMENT ON NORTH WEST CORNER OF ROGERS AVE. & PATAPSCO RIVER ROAD, 7.0' WEST OF ROGERS AVE. EDGE OF PAVEMENT, 75' NE OF NE CORNER OF SD INLET, AND 36.9' NW OF MH.					
24FA	263.569	583751.415	1366091.86	STANDARD CONCRETE MONUMENT ON EAST SIDE OF ROGERS AVE., 14.2' EAST OF EDGE OF PAVEMENT, 46.4' NW OF BG&E POLE #33641, 28.6' SW OF SAN. MH, AND 46.8' SW OF BG&E POLE #203395.					

BM. 8287A BM. 8287A SITE 152. WAS 152. WAS	
TYPE OF BUILDING: RESIDENTIAL NUMBER OF PARCELS: 04 WATER HOUSE CONNECTIONS: 04 DRAINAGE AREA: PATAPSCO VICINITY MAP SCALE: 1" = 600' WATER CODE FOR COUNTY USE ONLY WATER NO. F04	

	INDEX OF SHEETS
SHEET	DESCRIPTION
1	TITLE SHEET TITLE SHEET
2	PLAN AND PROFILE SHEET
3	SEDIMENT CONTROL NOTES & DETAILS

GENERAL NOTES:

PART I

- 1. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. 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, NAD 83/91.
- 3. ALL VERTICAL CONTROLS ARE BASED ON NGVD 29.
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12". CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. 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 MONIES 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 DETAILS 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 LOCATIONS OF THE TEST PITS. 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. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT&T	
BGE (CONTRACTOR SERVICES)	410-850-4620
BGE (UNDERGROUND DAMAGÉ CONTROL)	410-787-9068
BUREAU OF UTILITIES	410-313-4900
BELL ATLANTIC MARYLAND, INC	1-800-621-9900
COLONIAL PIPELINE CO	410-795-1390
MISS UTILITY	
STATE HIGHWAY ADMINISTRATION	410-531-5533

- 9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE 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 THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- 11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE WORKING DAYS BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.

PART II WATER

- 1. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- 2. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF 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 INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.
- 6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER
- 7. FIVE DAYS PRIOR TO TIE-IN CONNECTIONS, CONTACT THE HOWARD COUNTY BUREAU OF UTILITIES, 410-313-4900, FOR ASSISTANCE.

AS BUILT

HILL STREET AND TWENTY FOOT LANE 4-INCH WATER MAIN CAPITAL PROJECT W-8698 Hi CONTRACT No. 44-4053 **ELECTION DISTRICT No.2** HOWARD COUNTY, MARYLAND

SCALE AS SHOWN SHEET <u>1</u> OF <u>3</u>

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

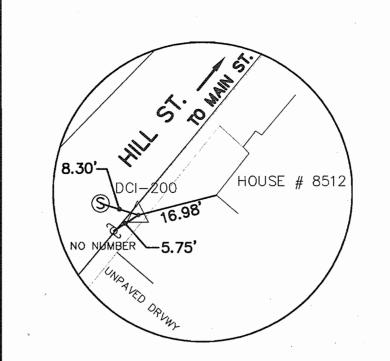
CIVIL AND STRUCTURAL ENGINEERS 110 WEST ROAD TOWSON, MARYLAND 21204



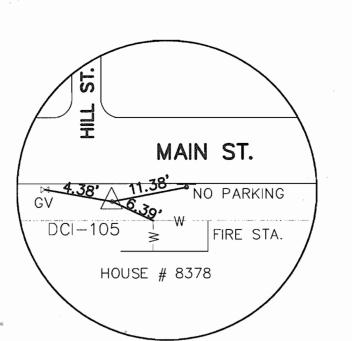
DEC: W	. o w	WΜŧΑ	Δ	AS BUILT 4-2-03 AND 7-18-03	8.03	
DES: W	7.C.W.					
DRN: S	.D.H.	`				
CHK: L	.A.F.					
	DEC	1		·		
DATE:	DEC 2002	BY ·	NO.	REVISION	DATE	600' SCA

BLOCK NO. _ DATE 600' SCALE MAP NO. 25

TITLE SHEET

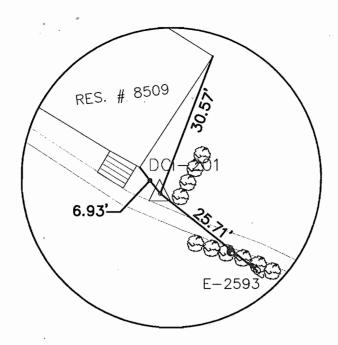


DCI-200 : X-CUT IN SIDEWALK NORTHING = 583268.0613EASTING = 1368740.8570ELEVATION = 212.12 FT.

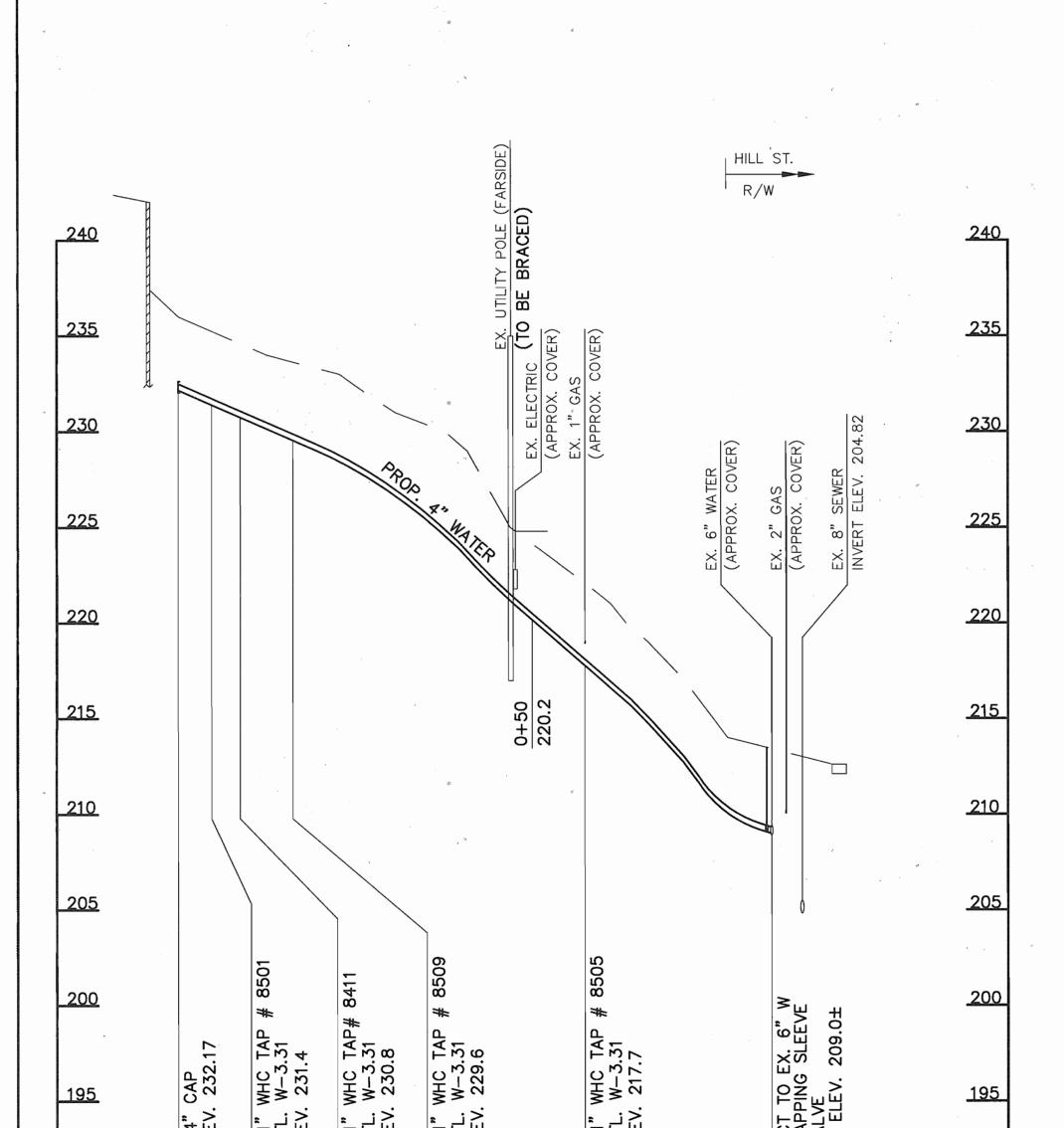


DCI-105 : PK NAIL IN SIDEWALK NORTHING = 583429.6127EASTING = 1368863.6152

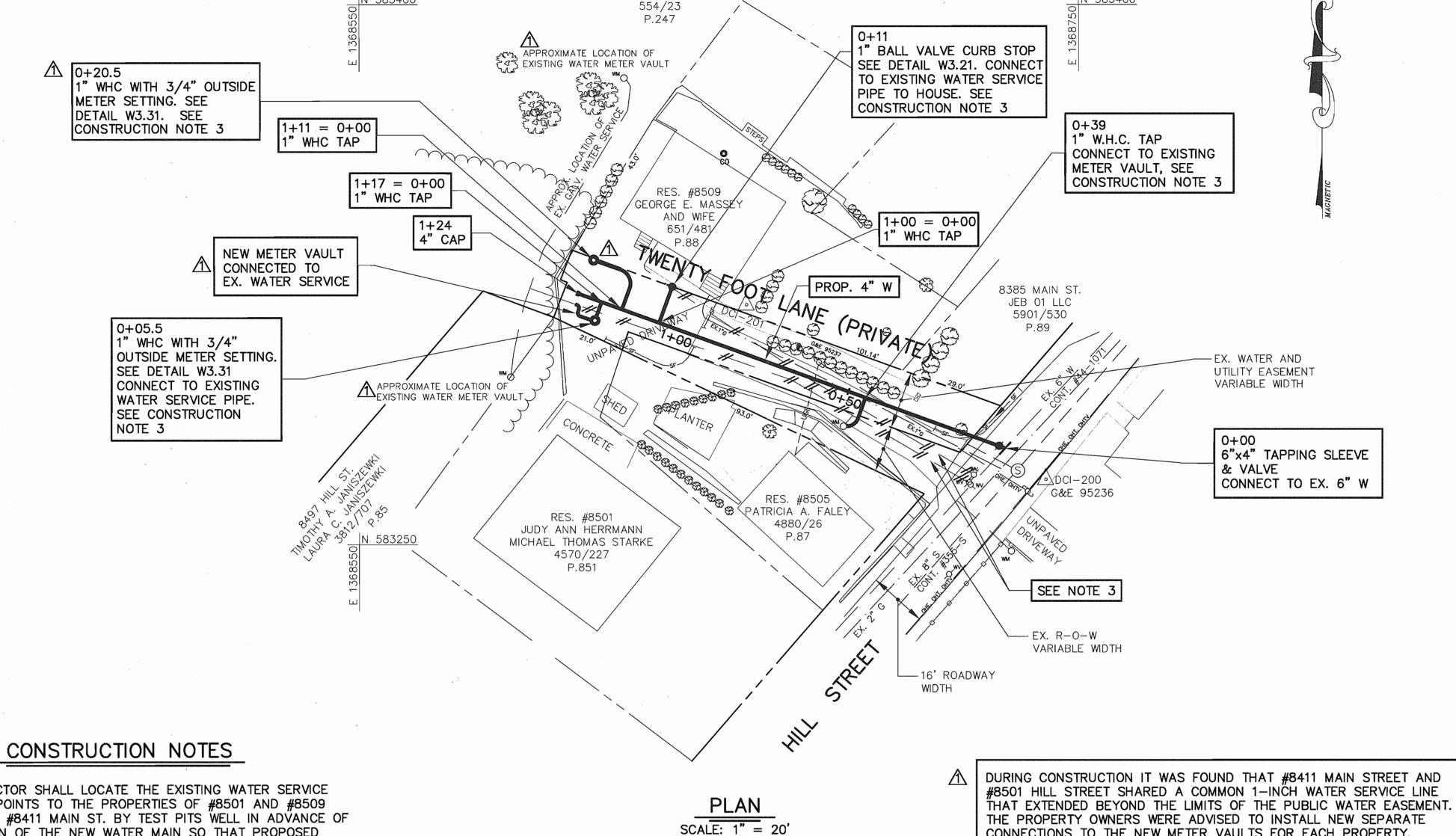
ELEVATION = 186.37 FT.



DCI-201 : HUB & TACK NORTHING = 583316.6857EASTING = 1368657.7228ELEVATION = 232.08 FT.



PROFILE: TWENTY FOOT LANE SCALE: HORIZ: 1" = 20' VERT: 1" = 5'



8411 MAIN ST. ST. LUKES AME CHURCH

1. THE CONTRACTOR SHALL LOCATE THE EXISTING WATER SERVICE PIPE ENTRY POINTS TO THE PROPERTIES OF #8501 AND #8509 HILL ST. AND #8411 MAIN ST. BY TEST PITS WELL IN ADVANCE OF CONSTRUCTION OF THE NEW WATER MAIN SO THAT PROPOSED WATER HOUSE CONNECTIONS MAY BE COORDINATED WITH EXISTING SERVICE PIPES.

2. EXISTING WATER SERVICES MUST REMAIN OPERATIONAL DURING CONSTRUCTION UNLESS TEMPORARY SERVICE SHUTDOWNS ARE ARRANGED AND COORDINATED BY THE CONTRACTOR WITH THE PROPERTY OWNERS.

3. THE FOUR EXISTING WATER SERVICE CONNECTIONS AT #8501, #8505 & #8509 HILL ST., AND #8411 MAIN ST., SHALL BE DISCONNECTED AND SEÄLED AFTER THE NEW WATER MAIN EXTENSION IS INSTALLED AND PLACED IN SERVICE. THE CONTRACTOR SHALL CAP AND ABANDON THE SERVICE CONNECTIONS AT THE HILL ST. MAIN AND SEAL WITH FULL CIRCLE REPAIR COUPLINGS. THE CONTRACTOR SHALL CAP AND ABANDON THE WATER SERVICE CONNECTION PIPES IN PLACE.

4. FOLLOWING COMPLETION OF THE CONTRACT, THE BUREAU OF UTILITIES WILL REMOVE THE EXISTING WATER METERS FOR #8411 MAIN ST. AND #8501 HILL ST. FROM THE RESPECTIVE METER VAULTS AND RËPLACE THEM WITH JUMPER CONNECTIONS. THE BUREAU OF UTILITIES WILL ALSO CONVERT THE EXISTING INSIDE WATER METER SETTING FOR #8509 HILL ST. TO THE REMOTE READOUT TYPE.

	50 - 100 - 1								
	WAT	ER MAIN STAK	E-OUT T	ABLE					
	STATION	DESCRIPTION	NORTH	EAST					
	4" WATER								
	0+00	6" x 4" TS & V	583276.68	1368729.49					
Λ	0+39	1" WHC TAP	583290.79	1368690.71					
	1+00=0+00	1" WHC TAP	583311.63	1368633.38					
	1+11=0+00	1" WHC TAP	583315.40	1368623.05					
	1+17=0+00	1" WHC TAP	583317.46	1368617.41					
	1+24	4" CAP	583319.83	1368610.83					
	1" WATER #8509								
	0+00=1+00	1" WHC TAP	583311.63	1368633.38					
	0+11	1" CURB STOP	583321.72	1368637.06					
	1" WATER #8411								
	0+00=1+11	1" WHC TAP	583315.40	1368623.05					
Λ	0+20.5	3/4" METER SETTING	583329.12	1368615.20					
		1" WATER ;	4 8501						
	0+00=1+17	1" WHC TAP	583317.46	1368617.41					
	0+05.5	3/4" METER SETTING	583312.30	1368615.53					

_ BLOCK NO. _ 7

DATE 600' SCALE MAP NO. 25

The Samuel Control	Million and and Million Systems (Control of the Control of the Con
-O _M v	WATER VALVE
○ wм	WATER METER
o	CLEAN OUT
S	SANITARY/SEWER MANHOL
	EXISTING TREE
	EXISTING BUSH
DCI-102 o	TRAVERSE POINT
	EXISTING UTILITY TO BE ABANDONED
	EXISTING WATER
	EXISTING SEWER
	EXISTING GAS
	R-O-W

--------- PROPERTY LINES

SCALE

AS

SHOWN

SHEET

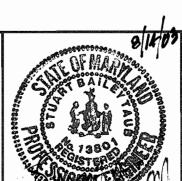
LEGEND

CONNECTIONS TO THE NEW METER VAULTS FOR EACH PROPERTY.

DCI-105

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

CIVIL AND STRUCTURAL ENGINEERS 110 WEST ROAD TOWSON, MARYLAND 21204

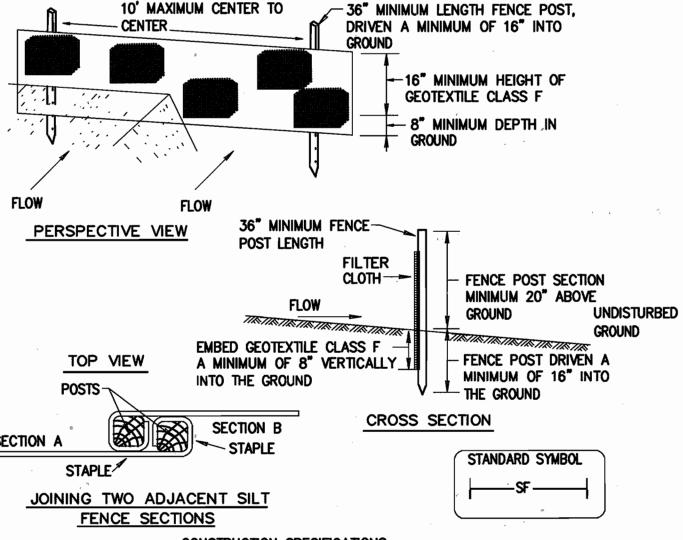


07	DES:	W.C.W.	WM&A	Λ	AS BUILT 4-02-03 AND 7-18-03	8-03	
	DRN:	S.D.H.					
	CHK:	L.A.F.					
	DATE:	DEC 2002	BY	NO.	. REVISION	DATE	600'

PLAN AND PROFILE SHEET

HILL STREET AND TWENTY FOOT LANE 4-INCH WATER MAIN CAPITAL PROJECT W-8698 Hi CONTRACT No. 44-4053 **ELECTION DISTRICT No.2** 2 OF 3 HOWARD COUNTY, MARYLAND

AS BUILT REPLACEMENT SHEET



CONSTRUCTION SPECIFICATIONS

1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" X 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POND PER LINEAR FOOT.

2. GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWIN REQUIREMENTS FOR GEOTEXTILE CLASS F:

TENSILE STRENGTH TENSILE MODULUS FLOW RATE

50 lbs/in (min.) 20 lbs/in (min.) 0.3 gal ft / minute (max.) Test: MSMT 322

Test: MSMT 509 Test: MSMT 509 Test: MSMT 322

FILTERING EFFICIENCY 75% (min.) 3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.

4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT.

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 (0.07 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 "1984 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

<u>SEEDBED_PREPARATION: LOOSEN_UPPER_THREE_INCHES_OF_SOIL_BY_RAKING, DISKING_OR_OTHER</u> 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 ACRES 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 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.)
- 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 (0.05 LBS/1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, 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.

<u>MULCHING</u> — 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

MAINTENANCE - INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND

SEQUENCE OF CONSTRUCTION

- 1. CONTACT HOWARD COUNTY BUREAU OF ENGINEERING, CONSTRUCTION INSPECTION DIVISION (410-313-1880) PRIOR TO STARTING DATE. (4 DAYS)
- 2. INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS PER SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL VOL. IV. (1 DAY)
- 3. EXCAVATE AND INSTALL PROPOSED 4" WATER MAIN. (4 DAYS) FOR DISTURBED AREAS THAT DO NOT DRAIN TO A SEDIMENT CONTROL DEVICE, STABILIZE AREAS TO BE PAVED WITH GRADED AGGREGATE BASE COURSE AND GRASS AREAS WITH TOPSOIL, SEED, AND MULCH BY THE END OF EACH WORKING
- 6. RESTORE TRENCHES TO THEIR ORIGINAL CONDITION AS PER HOWARD COUNTY STANDARDS WITH TEMPORARY PAVING HOWARD COUNTY STANDARD SPECIFICATION. (1 DAY)
- 7. UPON PERMISSION FROM HOWARD COUNTY SEDIMENT CONTROL INSPECTION, REMOVE SEDIMENT CONTROL DEVICES. (1 DAY)
- 8. INSTALL PERMANENT PAVING PATCH OVER TRENCH. (1 DAY)

STANDARD SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY BUREAU OF ENGINEERING, CONTRUCTION INSPECTION DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (410-313-1855).
- 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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THERETO.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A.) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER 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 7 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 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING, SOD, TEMPORARY SEEDING AND MULCHING (SEC. G). TEMPORARY STABILIZATION WITH MULCH ALONE SHALL 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 AREA DISTURBED = <u>0.011</u> ACRES AREA TO BE ROOFED OR PAVED = 0.009 ACRES = <u>0.002</u> ACRES AREA TO BE VEGETATIVELY STABILIZED TOTAL CUT <u>N/A</u> CU. YDS. = <u>N/A</u> CU. YDS. TOTAL FILL

OFF SITE WASTE/BORROW AREA LOCATION: SITE WITH AN ACTIVE GRADING PERMIT AS APPROVED BY ENGINEERING.

- 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 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 SHALL BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.
- 12. PLACE EXCAVATED SOIL ON THE UPHILL SIDE OF THE TRENCHES.

RESTORATION_NOTES:

SEDIMENT CONTROL

NOTES & DETAILS

_ BLOCK NO. __

- 1. SAW CUT THE EXISTING BITUMINOUS PAVING, IN ACCORDANCE WITH STANDARD DETAIL G.4.01.
- 2. REPAIR BITUMINOUS PAVING IN ACCORDANCE WITH STANDARD DETAIL R2.01, SECTION P-1.
- 3. REPAIR CURB AND GUTTER IN ACCORDANCE WITH STANDARD DETAIL R 3.01 AND MATCH EXISTING CONDITIONS.
- 4. REPAIR CONCRETE SIDEWALK IN ACCORDANCE WITH STANDARD DETAIL R 3.05 AND MATCH EXISTING CONDITIONS.

STATION TO STATION DISTANCE MATERIAL	
0+00 0+07 7.0 FT. BITUMINOUS PAVING	
0+07	
0+37	
0+95 1+30 35.0 FT. IN-KIND REPLACEMENT (GRAV	EL)
0+00=0+45	
0+00=1+06	EL)
0+00=1+17	EL)
0+00=1+23	EL)

AS BUILT

HILL STREET AND TWENTY FOOT LANE 4-INCH WATER MAIN CAPITAL PROJECT W-8698 Hi CONTRACT No. 44-4053 **ELECTION DISTRICT No.2** HOWARD COUNTY, MARYLAND

SHEET <u>3</u> OF <u>3</u>

SCALE

AS

SHOWN

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

110 WEST ROAD TOWSON, MARYLAND 21204



					·		
NA STEE	DEC.	wow.	WΜŧΑ	\triangle	AS-BUILT 4-2-03 AND 7-18-03	8-03	
	DES:	W.C.W.					, }
	DRN:	S.D.H.	·				SEDIMEI
 ° ≣	51414	<u> </u>					NOTES
ANE PRINT	CHK:	L.A.F.	,				NOTES
GILL.		DEC	1				_
-	DATE:	DEC 2002	BY	NO.	REVISION	DATE	600' SCALE MAP NO. 25