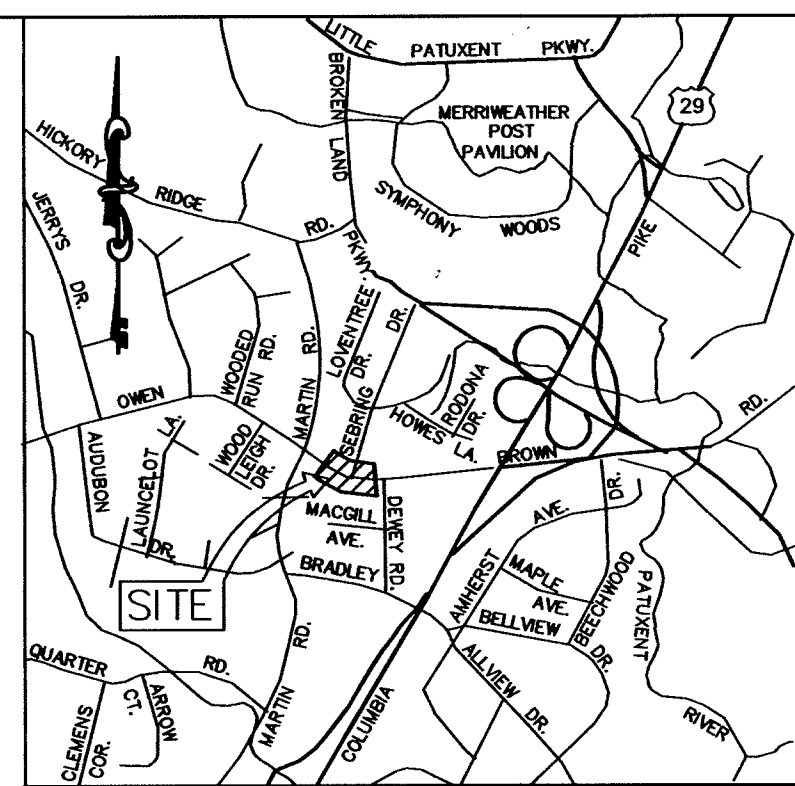
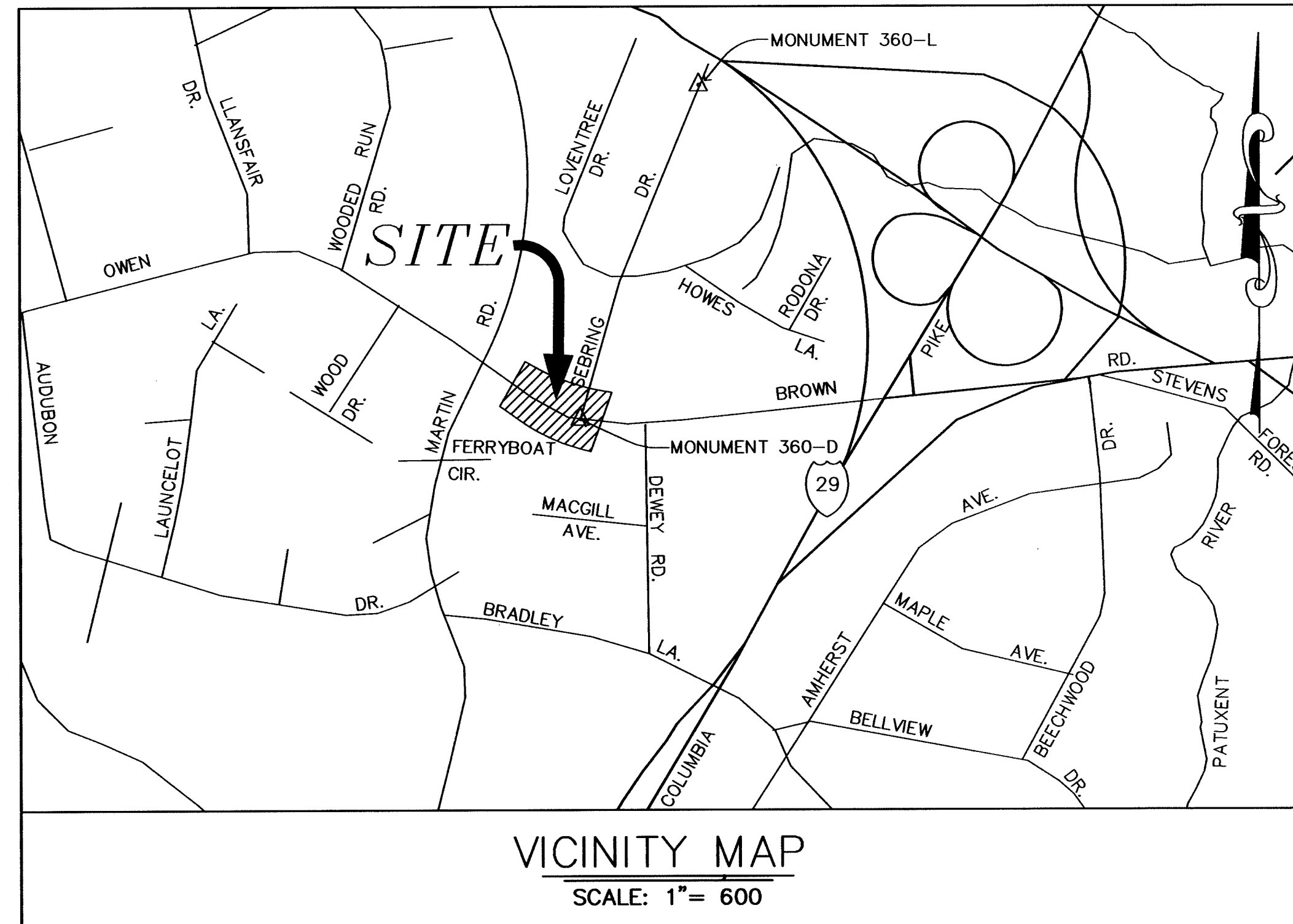


OWEN BROWN ROAD CAP. PROJ. # D-1085, CONT. # DRAINAGE IMPROVEMENTS HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS



VICINITY MAP
SCALE: 1"=2,000'



VICINITY MAP
SCALE: 1"= 600'

GENERAL NOTES

1. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE. THE LOCATIONS OF UTILITIES SHOWN ON THESE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATIONS.
2. ALL HORIZONTAL CONTROLS BASED ON MARYLAND STATE COORDINATES.
3. ALL VERTICAL CONTROLS BASED ON U.S.G.S. DATA.
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
5. 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 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.
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 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.
8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORK DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 STATE HIGHWAY ADMINISTRATION - (410) 531-5533
 BALTO. GAS & ELECTRIC CO.-CONTRACTOR SERVICES - (410) 850-4620
 BALTO. GAS & ELECTRIC CO.- UNDERGROUND DAMAGE CONTROL - (410) 859-9004
 BALTO. GAS & ELECTRIC CO.- TROUBLE SHOOTING - (410) 298-9040
 MISS UTILITY- 1-800-257-7777
 BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS - (410) 313-4900
 BELL ATLANTIC TELEPHONE CO. - (410) 597-8585
 COLONIAL PIPELINE CO. - (410) 795-1390
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, UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR CLEARING AND GRADING.
11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING STORM DRAINS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH D.P.W. REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.
12. RIGHT OF WAY LINES SHOWN ON THESE PLANS ARE SHOWN FOR ASSISTANCE IN INTERPRETING THESE PLANS. FOR ANY FEE RIGHT OF WAY AND EASEMENT INFORMATION, SEE RIGHT OF WAY PLATS.
13. ALL SLOPES AND OR DISTURBED AREAS SHALL RECEIVE SOLID SODDING ON LAWN AREAS AND SEEDING AND MULCHING FOR AREAS AROUND TREES AND BUSHES EXCEPT WHERE OTHERWISE INDICATED ON THE PLANS OR AS DIRECTED BY ENGINEER. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL TEMPORARY SEDIMENT CONTROL MEASURES AS SHOWN ON THE DRAWINGS. HOWEVER, ANY SEDIMENT CONTROL MEASURES NOT SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS, BUT REQUIRED AS A RESULT OF THE CONTRACTOR'S EXCAVATIONS OR ACTIVITIES SHALL NOT BE CAUSE FOR EXTRA PAYMENT.
14. LOCATION POINTS FOR INLETS, MANHOLES AND STRUCTURES

ITEM	HORIZONTAL LOCATION	VERTICAL LOCATION
GRATE TYPE INLETS	CENTER OF GRATE	TOP OF GRATE
ENDWALLS	CENTER OF WALL	TOP OF WALL
15. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS 48 HOURS IN ADVANCE WHEN DISCONNECTING OR RELOCATING WATER METER VAULTS. ALL RELOCATIONS OF FIRE HYDRANT AND WATER METER VAULTS SHALL BE COORDINATED WITH THE BUREAU OF UTILITIES A MINIMUM OF 48 HOURS IN ADVANCE.
16. STANDARD DETAILS FOR THIS CONTRACT SHALL BE THE HOWARD COUNTY STANDARD DETAILS AS SUPPLEMENTED BY THE MARYLAND STATE HIGHWAY ADMINISTRATION STANDARD DETAILS, MARYLAND STATE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES OF THE U.S. DEPARTMENT OF TRANSPORTATION.
17. TOP ELEVATIONS OF STRUCTURES SHALL BE ADJUSTED IN THE FIELD TO MEETING EXISTING CONDITIONS AS DIRECTED BY THE ENGINEER. GRADING SHALL BE DONE IN SUCH A MANNER AS TO INSURE POSITIVE DRAINAGE TO THE PROPOSED INLET STRUCTURES.
18. SIZE AND TYPE OF PIPE UTILIZED FOR THROUGH-WALL CONNECTIONS BETWEEN ALL INLETS. INSTALLATIONS WILL BE EQUIVALENT TO THE OUTLET PIPE.

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX OF DRAWINGS
2	STORM DRAIN PLAN
3	STORM DRAIN PROFILES
4	EROSION AND SEDIMENT CONTROL PLAN
5	EROSION AND SEDIMENT CONTROL DETAILS AND SPECIFICATIONS
6	TRAFFIC CONTROL PLAN

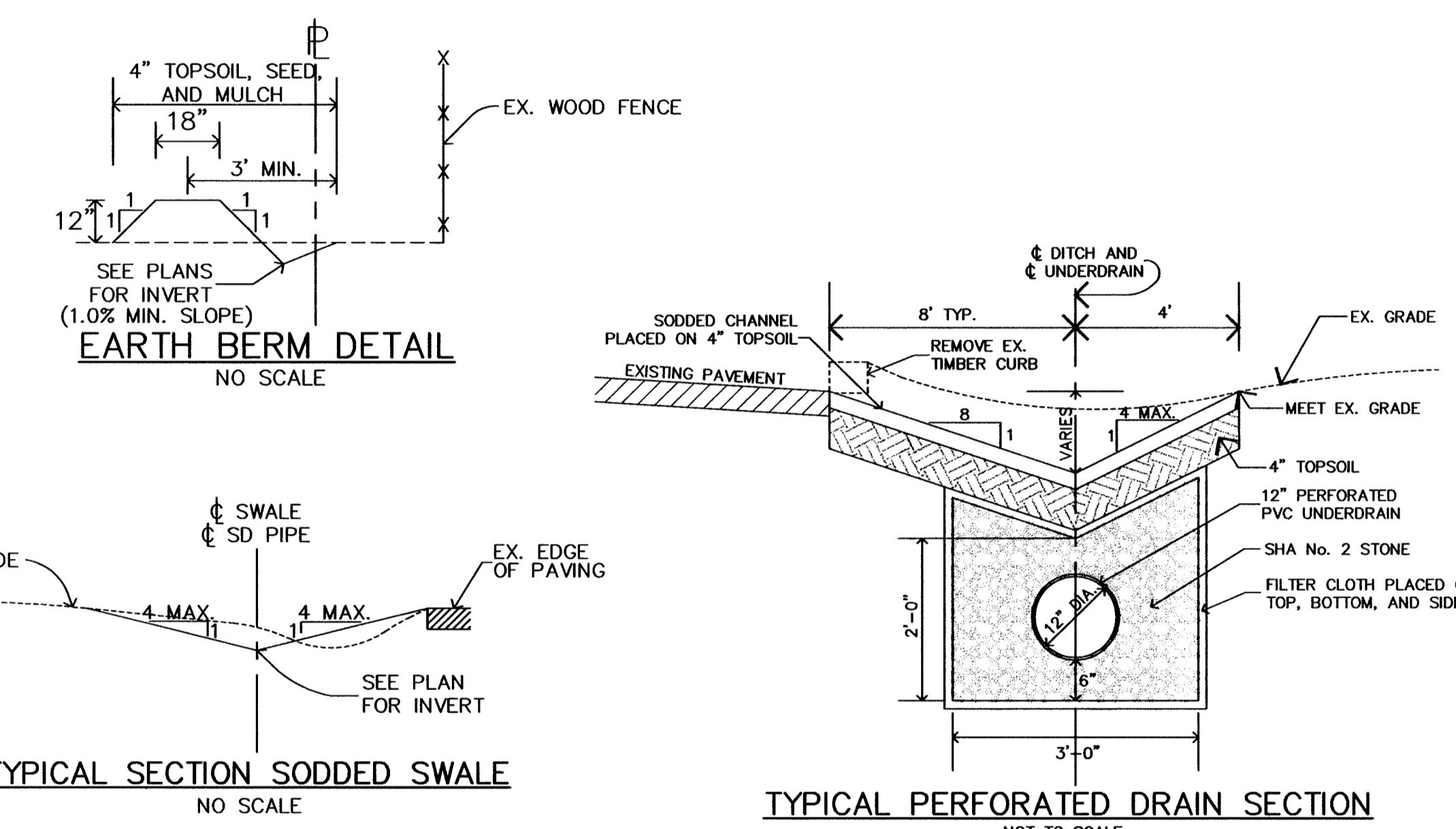
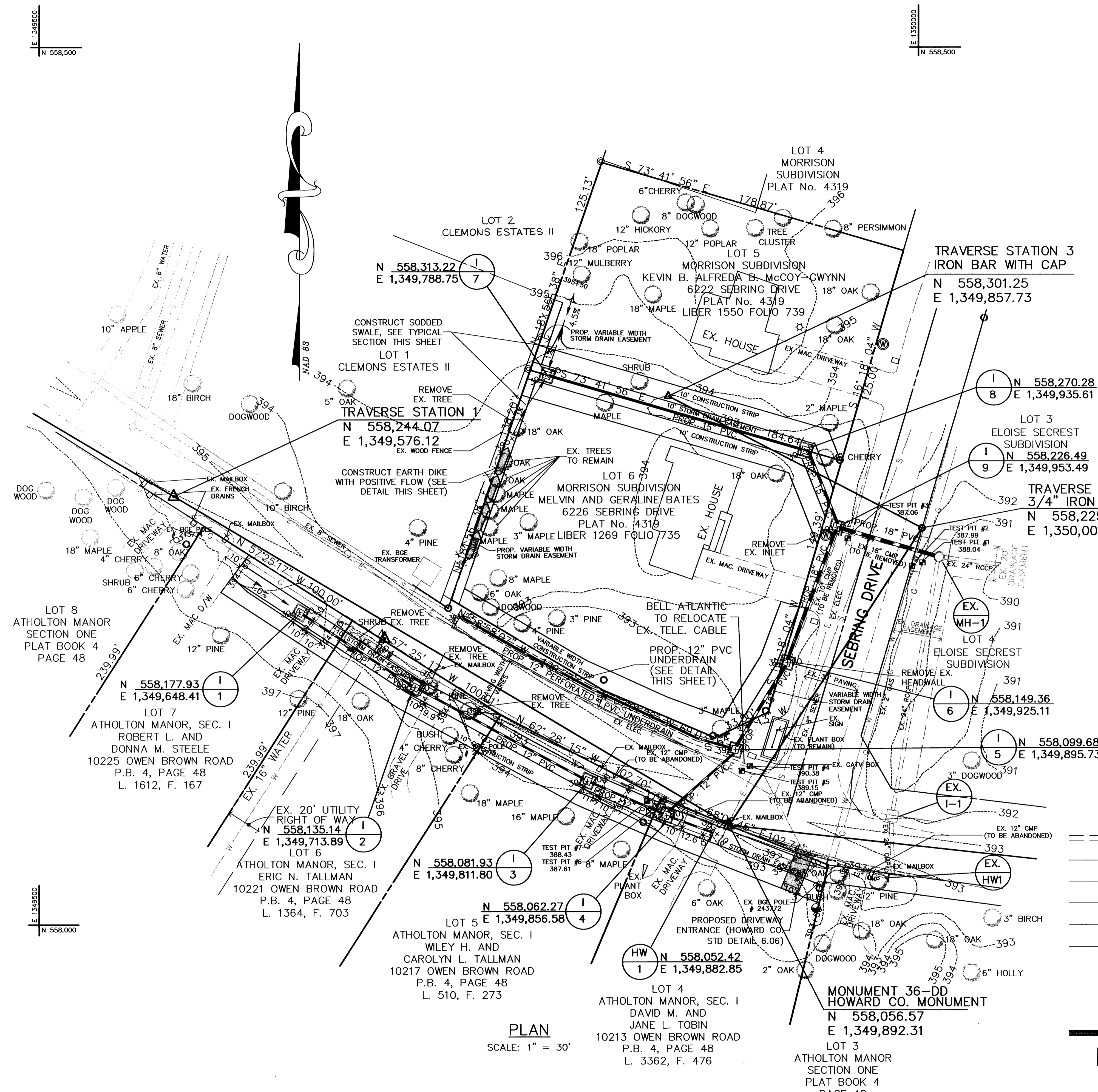
NOTE:
"SEDIMENT CONTROL TO BE IMPLEMENTED IN ACCORDANCE WITH VOLUME 4, SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND THESE PLANS."

<p style="text-align: center;">DEVELOPER'S CERTIFICATION</p> <p style="font-size: small;">"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 SOIL CONSERVATION DISTRICT."</p> <p style="text-align: right;"> 8/20/99 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DATE </p>	
<p style="text-align: center;">ENGINEER'S CERTIFICATE</p> <p style="font-size: small;">"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT."</p> <p style="text-align: right;"> DATE 8-12-99 DFI, INC. 504 BALTIMORE/ANNAPOLIS BLVD. SEVERNA PARK, MD 21146 TEL (410)647-2727 </p>	<p>THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL</p> <p>NATURAL RESOURCES CONSERVATION DATE</p> <p>THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.</p> <p>HOWARD SOIL CONSERVATION DISTRICT DATE</p>

<p style="text-align: center;">DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p> 8/23/99 DIRECTOR OF PUBLIC WORKS DATE 8/25/99 CHIEF, BUREAU OF HIGHWAYS DATE </p>	<p style="text-align: center;"> CONSULTING ENGINEERS, SURVEYORS, AND LAND PLANNERS 504 BALTIMORE/ANNAPOLIS BOULEVARD SEVERNA PARK, MD 21146 (410)647-2727 FAX (410)647-7127 </p>	<p style="text-align: center;"> STATE OF MARYLAND DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY AUG 24 1999 </p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DES: ECH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DRN: ECH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>CHK: MAM/STA</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DATE: 4/98</td> <td>BY</td> <td>NO</td> <td>REVISION</td> </tr> </table>	DES: ECH				DRN: ECH				CHK: MAM/STA				DATE: 4/98	BY	NO	REVISION	<p style="font-size: large;">TITLE SHEET AND INDEX OF SHEETS</p>	<p style="font-size: large;">DRAINAGE IMPROVEMENTS OWEN BROWN ROAD</p> <p style="font-size: small;">CAPITAL PROJECT D-1085 SCALE: AS SHOWN DATE: AUGUST 1999 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	<p style="font-size: x-small;">SCALE: AS SHOWN SHEET 1 OF 6</p>
DES: ECH																						
DRN: ECH																						
CHK: MAM/STA																						
DATE: 4/98	BY	NO	REVISION																			

STORM DRAIN FLOW TABULATIONS - 10 YEAR STORM

LOCATION	FROM TO	AREA	ACRES		COEFF. "C"	CA	E CA	TIME CONC. MIN.			INTE. "I"	Q = Q _A C.F.S.	PIPE n = 0.008 (OR AS NOTED)				REMARKS	
			SUB.	TOTAL				INLET	DRAIN	TOTAL			SIZE	SLOPE	VELOCITY	LENGTH		Td
I-1	I-2	1	0.63	---	0.40	0.25	---	7	---	7	6.6	1.7	12"	0.11	2.4	74'	0.5	n=0.008
●	I-2	2	0.24	---	0.40	0.10	---	5	---	5	7.0	0.7	---	---	---	---	---	n=0.008
I-2	I-3	1-2	---	0.87	---	---	0.35	7	0.5	7	6.5	2.3	12"	0.15	2.8	108'	0.6	n=0.008
●	I-3	3	0.57	---	0.40	0.23	---	7	---	7	6.6	1.5	---	---	---	---	---	n=0.008
I-3	I-4	1-3	---	1.44	---	---	0.58	7.5	0.6	8.1	6.45	3.7	12"	0.40	4.5	45'	0.2	n=0.008
HW-1	I-4	1/3 OF 4	0.25	---	0.37	0.09	---	5	---	5	7.0	0.6	12"	0.04	1.1	25'	0.4	n=0.008
●	I-4	2/3 OF 4	0.50	---	0.37	0.19	---	7	---	7	6.6	1.3	---	---	---	---	---	n=0.008
I-4	I-5	1-4	---	2.19	---	---	0.86	8.1	0.2	8.3	6.4	5.5	12"	0.80	6.0	51'	0.1	n=0.008
●	I-5	5	2.40	---	0.37	0.89	---	10	---	10	6.1	5.4	---	---	---	---	---	n=0.008
I-5	I-6	1-5	---	4.59	---	---	1.75	8.3	0.1	8.4	6.4	11.2	18"	0.45	6.1	54'	0.1	n=0.008
●	I-6	6	0.47	---	0.30	0.14	---	5	---	5	7.0	1.0	---	---	---	---	---	n=0.008
I-6	I-9	1-6	---	5.06	---	---	1.89	8.4	0.1	8.5	6.35	12.0	18"	0.50	6.6	84'	0.2	n=0.008
I-7	I-8	7	0.66	---	0.30	0.20	---	7	---	7	6.6	1.3	15"	0.04	1.0	149'	2.5	n=0.008
●	I-8	8	0.62	---	0.40	0.25	---	7	---	7	6.6	1.7	---	---	---	---	---	n=0.008
I-8	I-9	7-8	---	1.28	---	---	0.45	7	2.5	9.5	6.15	2.7	15"	0.06	2.1	43'	0.3	n=0.008
●	I-9	9	0.21	---	0.51	0.11	---	5	---	5	7.0	0.8	---	---	---	---	---	n=0.008
I-9	EXM-2	1-9	---	6.55	---	---	2.45	8.5	0.2	8.7	6.3	15.4	18"	0.80	8.5	56'	0.1	n=0.008
EXHW-2	EX-10	10	5.84	---	0.37	2.16	---	10	---	10	6.1	13.1	24"	1.08	4.0	46'	0.2	n=0.024
●	EX-10	11	0.76	---	0.47	0.36	---	7	---	7	6.6	2.4	---	---	---	---	---	n=0.014
EX-10	EXM-2	10-11	---	6.60	---	---	2.52	10	0.2	10.2	6.05	15.2	24"	0.51	4.7	139'	0.5	n=0.014
EXM-2	EXM-1	11-11	---	13.15	---	---	4.97	10.2	0.5	10.7	5.95	29.5	24"	2.0	9.0	117'	0.2	n=0.014
EXM-1	EXHW-3	1-11	---	13.15	---	---	4.97	10.7	0.2	10.9	5.9	29.3	24"	2.0	9.0	105'	0.2	n=0.014



- LEGEND**
- EXISTING STORM DRAIN
 - EXISTING EDGE OF PAVEMENT
 - E --- EXISTING 2" GAS
 - G --- EXISTING ELECTRIC LINE
 - S --- EXISTING SEWER MAIN
 - W --- EXISTING WATER MAIN
 - EXISTING UTILITY POLE
 - EXISTING TREE
 - △ TRAVERSE STATION
 - PROPOSED STORM DRAIN
 - TEST PIT LOCATION

DEVELOPER'S CERTIFICATION
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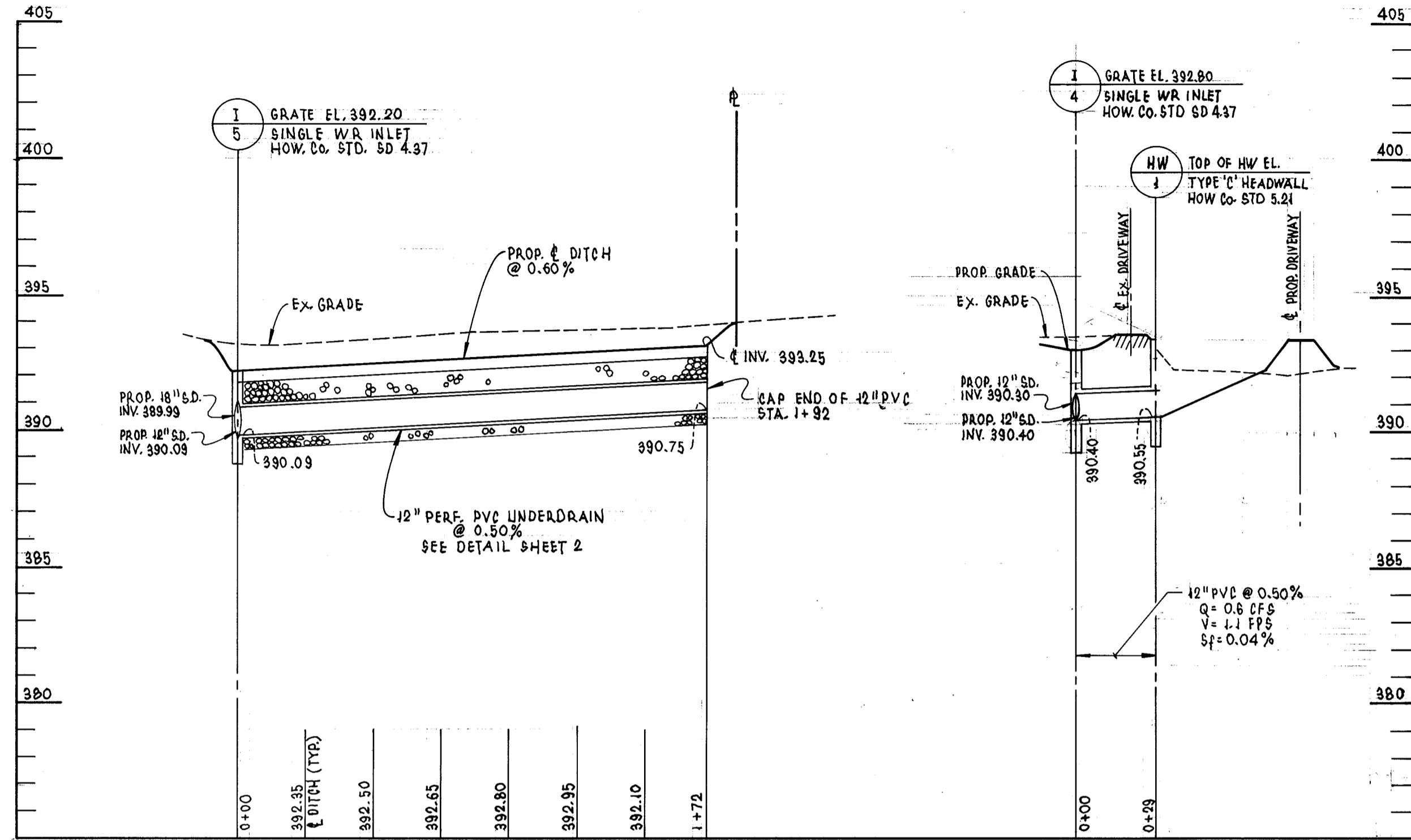
Paul D. Sporn 8/20/99
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DATE

ENGINEER'S CERTIFICATE
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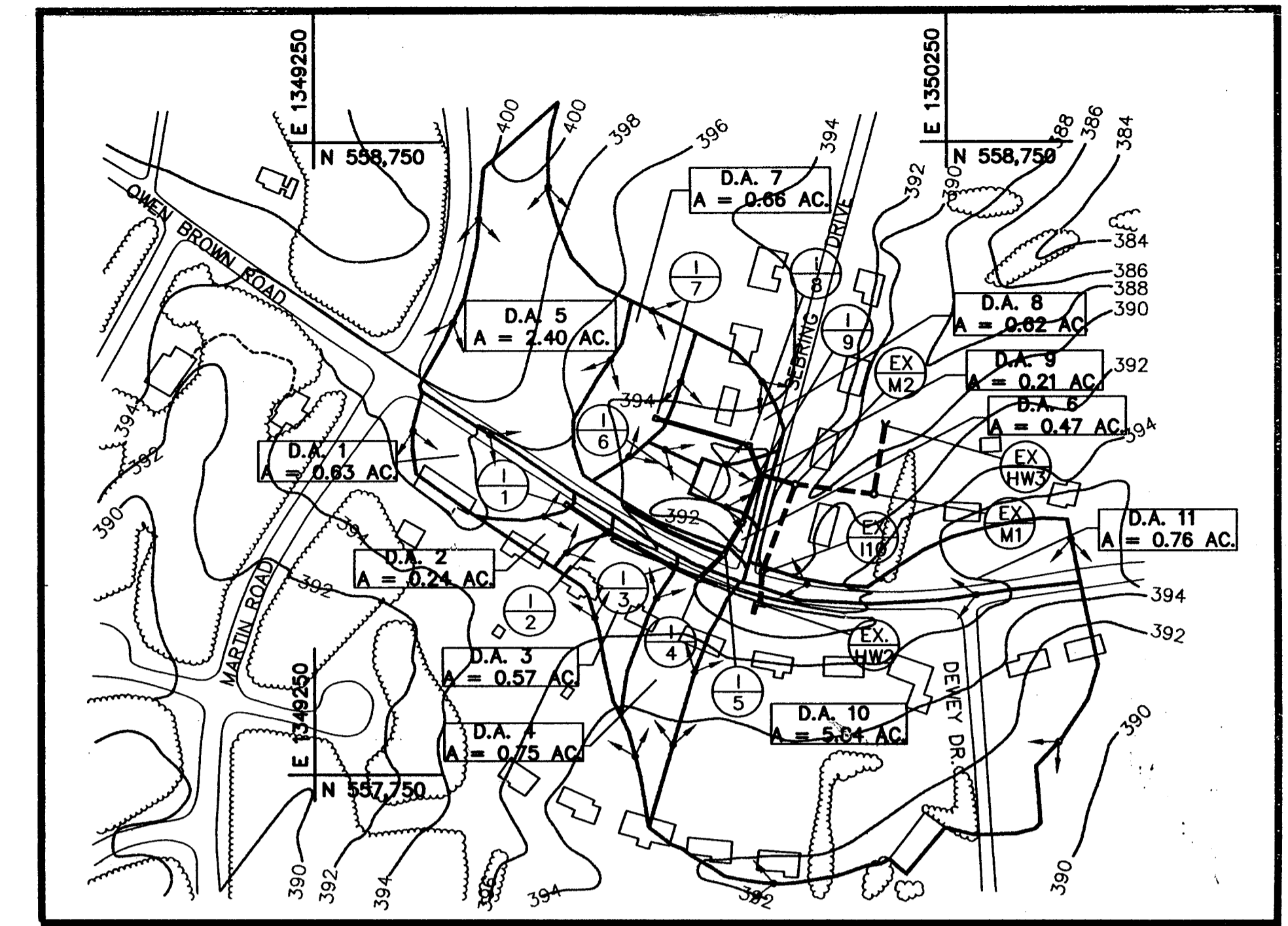
S. J. H. DATE 8-12-99
 DFL, INC.
 504 BALTIMORE/ANNAPOLIS BLVD.
 SEVERNA PARK, MD 21146
 TEL (410)647-2727

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

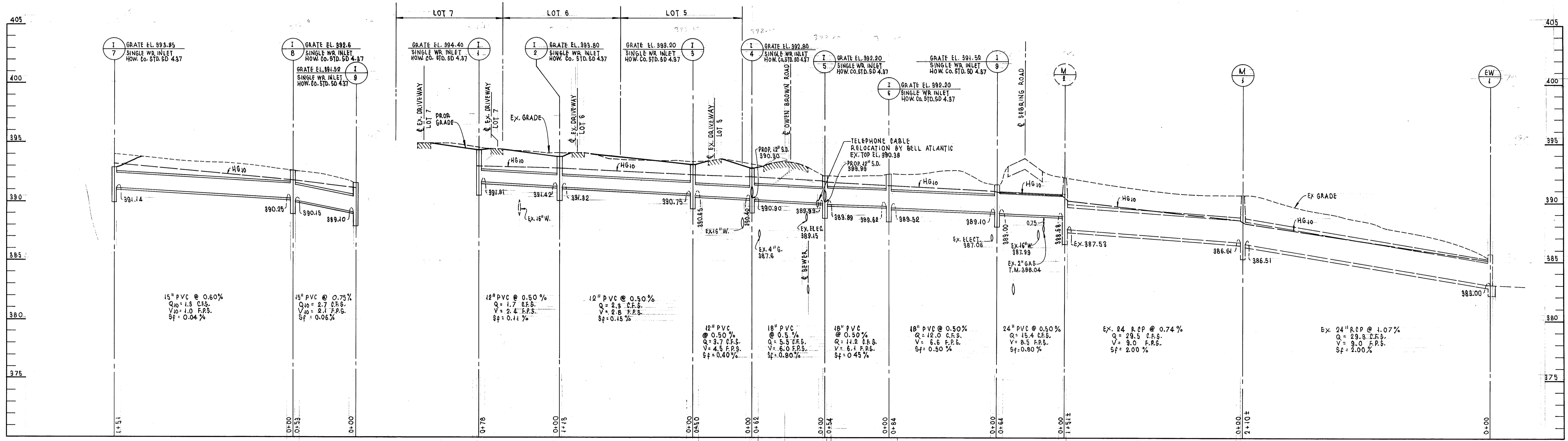
NATURAL RESOURCES CONSERVATION DATE
 THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 HOWARD SOIL CONSERVATION DISTRICT DATE



PROFILE
SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'



STORM DRAIN DRAINAGE AREA MAP
SCALE: 1" = 200'

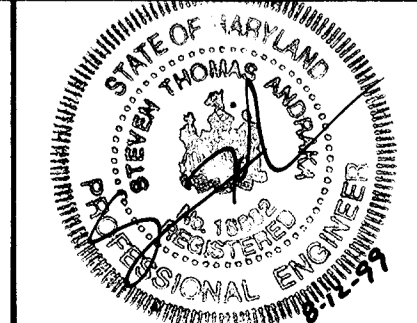


PROFILE
SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James M. Lewis Director of Public Works
Richard J. Brown Chief, Bureau of Engineering
Charles H. Peterson Chief, Division of Transportation Projects and Watershed Management

dfi CONSULTING ENGINEERS, SURVEYORS, AND LAND PLANNERS
504 BALTIMORE/ANNAPOLIS BOULEVARD
SEVERNA PARK, MD 21146 (410)647-2727
FAX (410)647-7127



DES:	
DRN:	
CHK:	
DATE:	
BY	NO.
REVISION	
DATE	

STORMDRAIN PROFILE

600' SCALE MAP NO. _____ BLOCK NO. _____

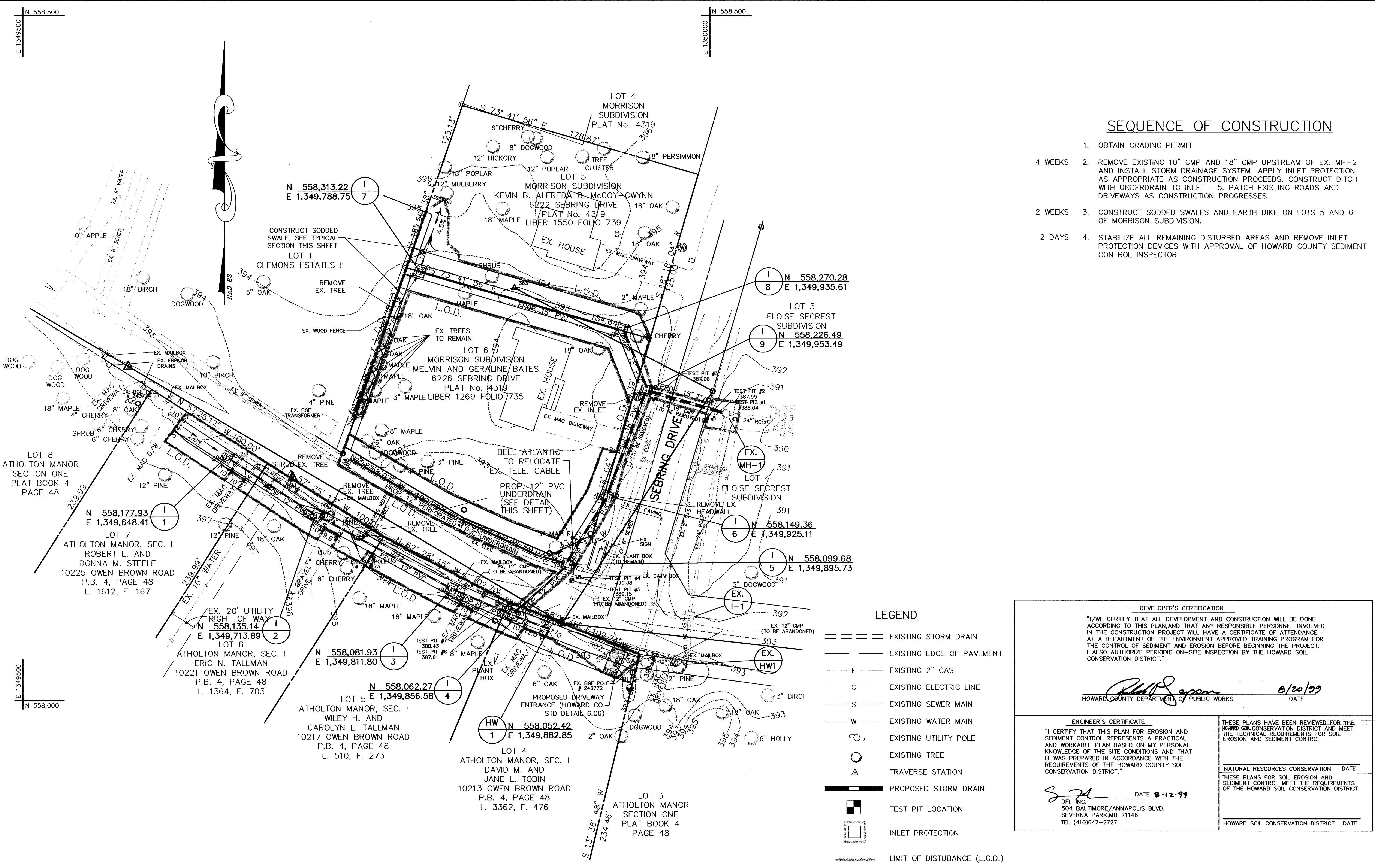
DRAINAGE IMPROVEMENTS
OWEN BROWN ROAD

CAPITAL PROJECT D-1085
SCALE: AS SHOWN DATE: APRIL, 1998

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 3 OF 6



SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT
- 4 WEEKS 2. REMOVE EXISTING 10" CMP AND 18" CMP UPSTREAM OF EX. MH-2 AND INSTALL STORM DRAINAGE SYSTEM. APPLY INLET PROTECTION AS APPROPRIATE AS CONSTRUCTION PROCEEDS. CONSTRUCT DITCH WITH UNDERDRAIN TO INLET 1-5. PATCH EXISTING ROADS AND DRIVEWAYS AS CONSTRUCTION PROGRESSES.
- 2 WEEKS 3. CONSTRUCT SODDED SWALES AND EARTH DIKE ON LOTS 5 AND 6 OF MORRISON SUBDIVISION.
- 2 DAYS 4. STABILIZE ALL REMAINING DISTURBED AREAS AND REMOVE INLET PROTECTION DEVICES WITH APPROVAL OF HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

- #### LEGEND
- EXISTING STORM DRAIN
 - EXISTING EDGE OF PAVEMENT
 - E --- EXISTING 2" GAS
 - G --- EXISTING ELECTRIC LINE
 - S --- EXISTING SEWER MAIN
 - W --- EXISTING WATER MAIN
 - EXISTING UTILITY POLE
 - EXISTING TREE
 - △ TRAVERSE STATION
 - ▣ PROPOSED STORM DRAIN
 - TEST PIT LOCATION
 - INLET PROTECTION
 - LIMIT OF DISTURBANCE (L.O.D.)

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 SOIL CONSERVATION DISTRICT."

John J. Sporn 8/20/99
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DATE

ENGINEER'S CERTIFICATE

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S. J. A. DATE 8-12-99
DPI, INC.
504 BALTIMORE/ANNAPOLIS BLVD.
SEVERNA PARK, MD 21146
TEL (410)647-2727

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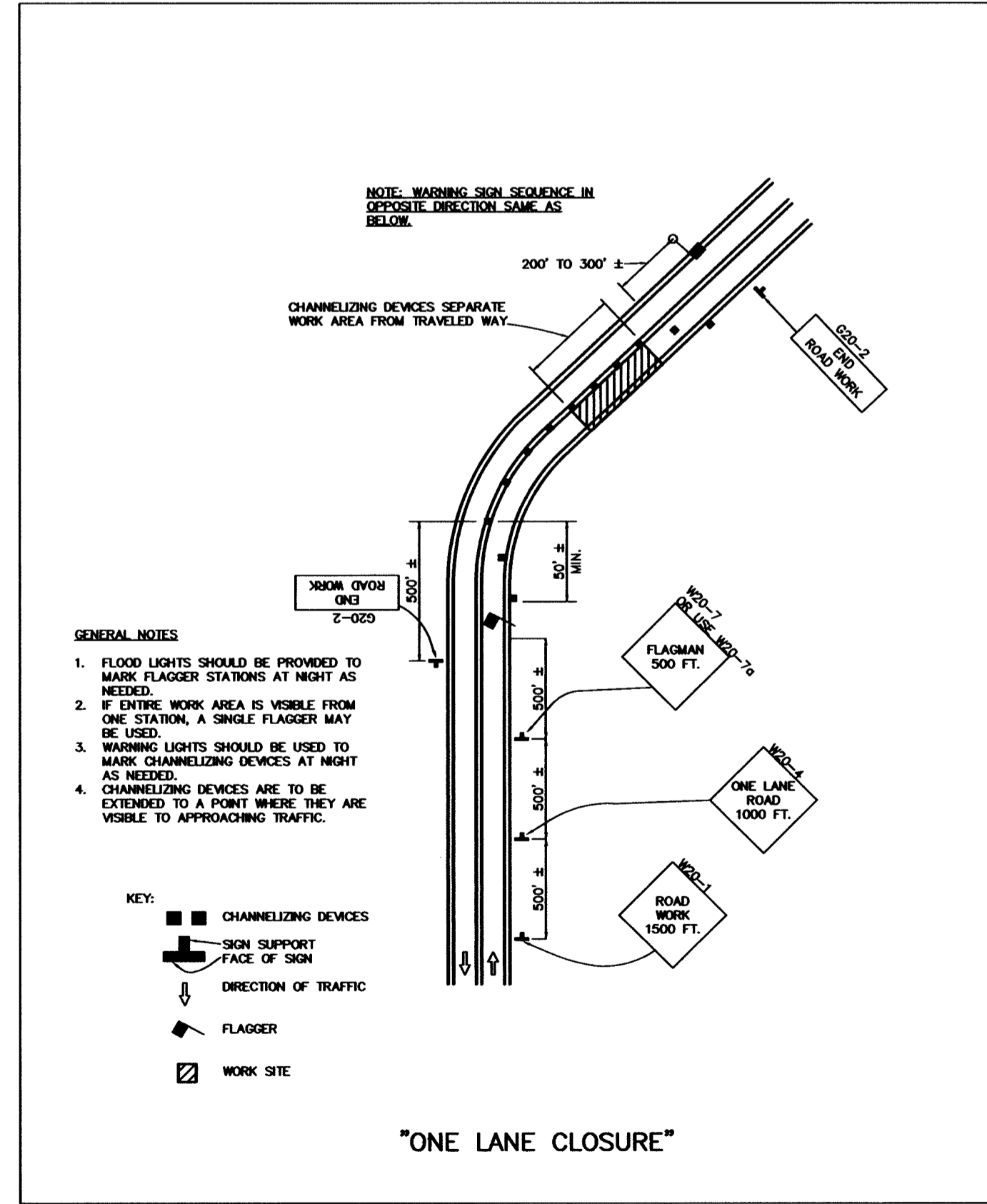
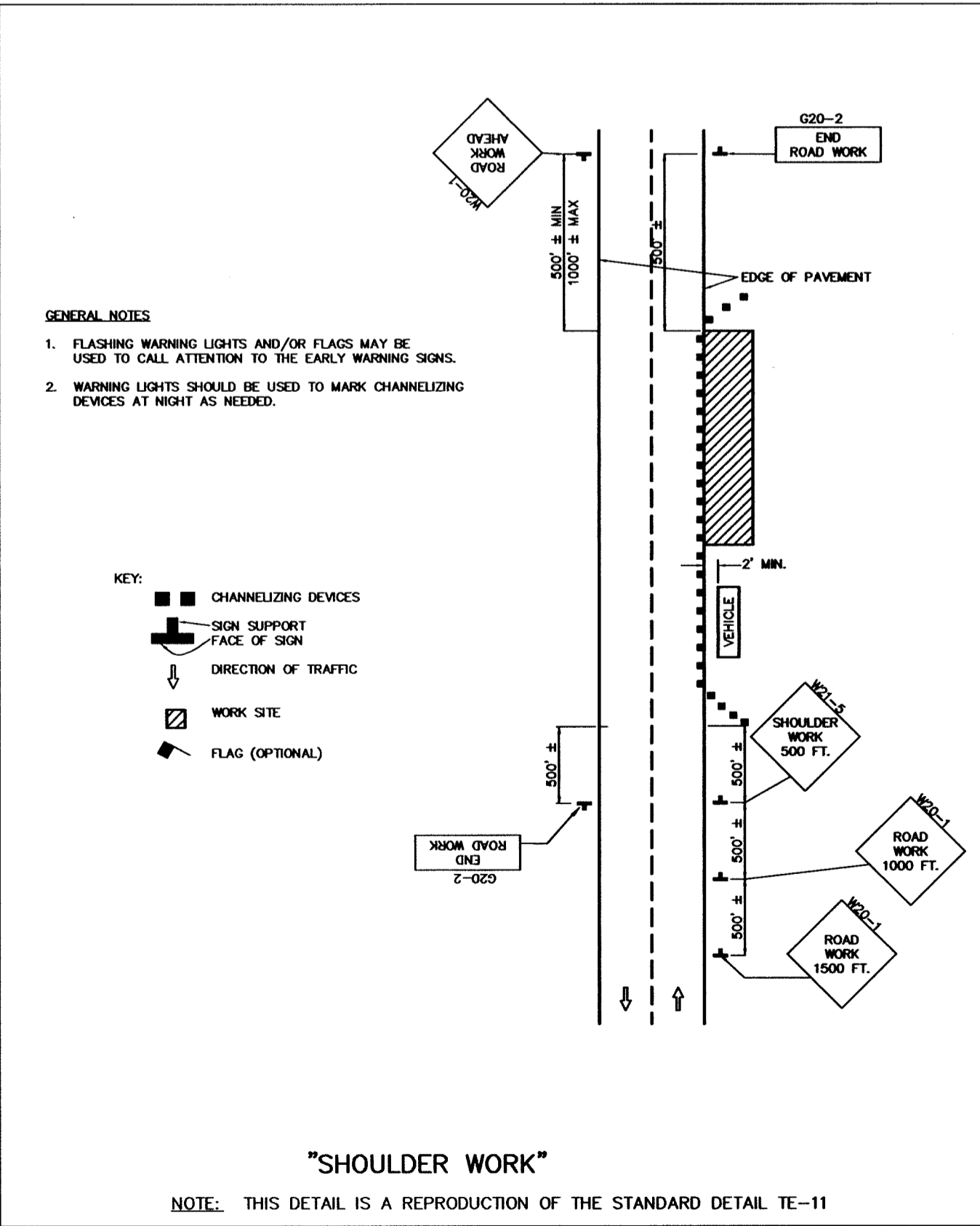
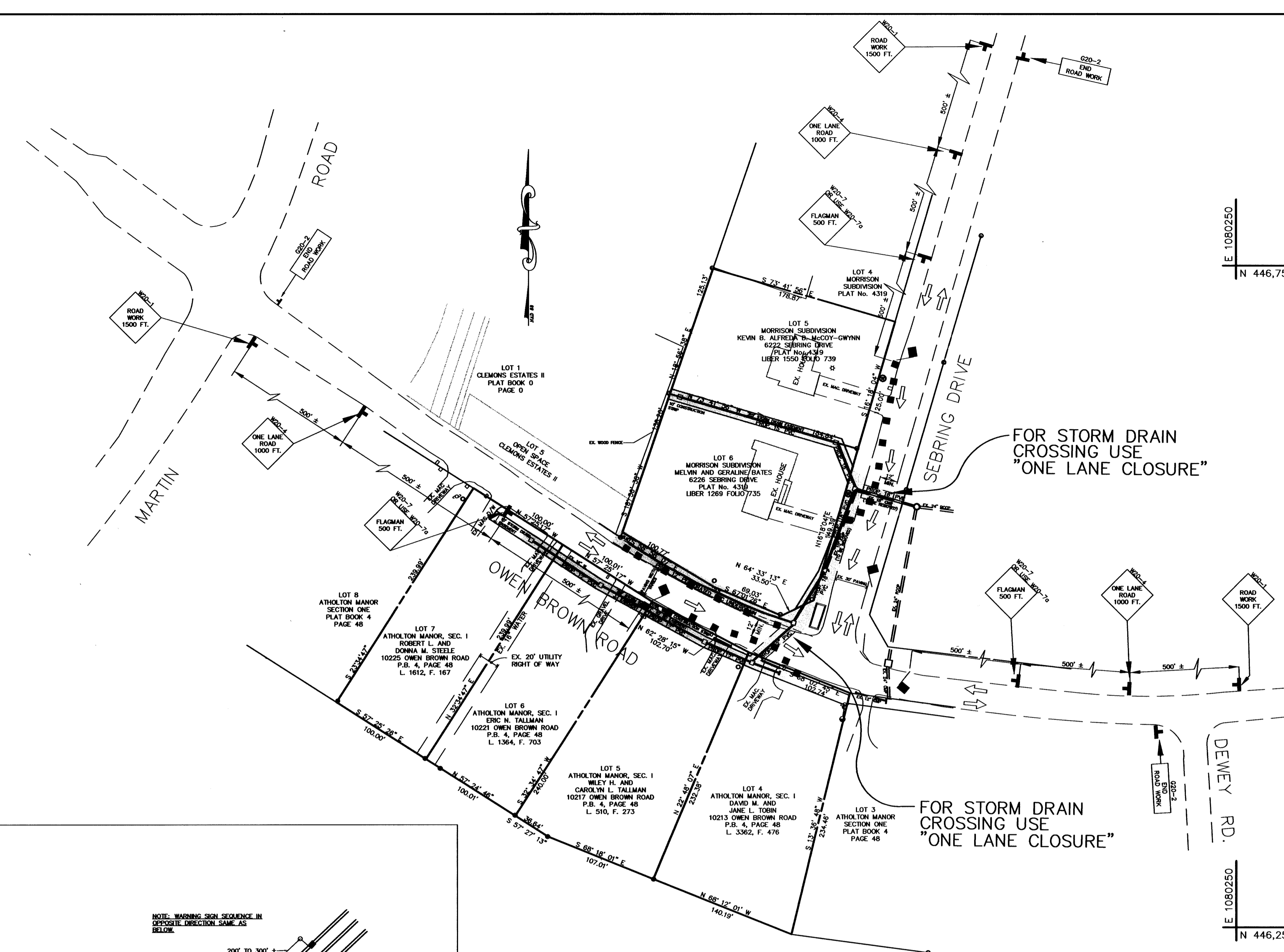
NATURAL RESOURCES CONSERVATION DATE _____

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT DATE _____

E 1079250
N 446,750

E 1080250
N 446,750



PLAN
SCALE: 1"=50'

- LEGEND**
- BARRICADE
 - FLAGGER (FOR LANE CLOSURE)
 - SIGN POST & SIGN
 - WORK AREA

**HOWARD COUNTY TRAFFIC ENGINEERING
TRAFFIC CONTROL PLAN-GENERAL NOTES**

- ALL CONSTRUCTION AND MATERIALS FOR THE TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE STANDARDS CONTAINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- TRAVEL LANES SHALL BE A MINIMUM OF TWELVE FEET IN WIDTH, WHEN ONLY ONE LANE IS OPEN, FLAGMEN AND THE APPROPRIATE SIGNING SHALL BE PROVIDED, SEE DETAIL THIS SHEET. THE ROADWAY SHALL BE RE-OPENED ON A DAILY BASIS.
- ALL OPEN TRENCHES SHALL BE CLOSED AT THE END OF WORK DAY, IF STEEL PLATES ARE TO BE USED, APPROPRIATE SIGNING WILL BE REQUIRED, STEEL PLATES SHALL BE STAKED IN PLACE AND RAMPED WITH COLD PATCH ASPHALT.
- ALL SIGNS THAT DO NOT APPLY WILL BE COVERED.
- ALL CONSTRUCTION SIGNING SHALL BE IN ACCORDANCE WITH THE TYPICAL SIGN PLACEMENT SHOWN ON THESE PLANS AND SHALL NOT OBSTRUCT EXISTING TRAFFIC CONTROL DEVICES.
- CONSTRUCTION AND WORKMANS' VEHICLES SHALL NOT BE PARKED IN A MANNER THAT WILL IMPED TRAFFIC OR IMPAIR SIGHT DISTANCE. THESE VEHICLES SHOULD BE PARKED OFF-STREET ON THE CONSTRUCTION SITE OR ON A SIDE STREET NOT UNDER CONSTRUCTION.
- ALL WORK WILL BE DONE IN ACCORDANCE WITH MARYLAND STATE HIGHWAY AND MARYLAND OCCUPATIONAL SAFETY AND HEALTH SPECIFICATIONS.

DEVELOPER'S CERTIFICATION

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Robert S. Spon 8/20/99
DATE
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

ENGINEER'S CERTIFICATE

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S. J. H. DATE 8-12-99
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NATURAL RESOURCES CONSERVATION DATE

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HOWARD SOIL CONSERVATION DISTRICT DATE

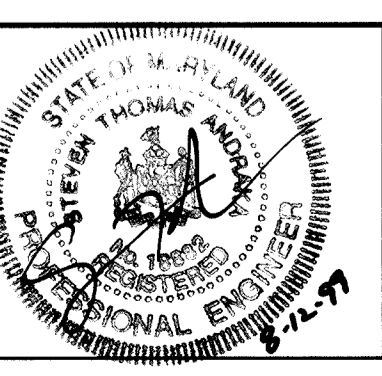
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

8/20/99
DIRECTOR OF PUBLIC WORKS DATE
CHIEF BUREAU OF ENGINEERING DATE

8/20/99
CHIEF BUREAU OF HIGHWAYS DATE
CHIEF DIVISION OF TRANSPORTATION DATE
PROJECTS AND WATERSHED MANAGEMENT

dfi CONSULTING ENGINEERS, SURVEYORS,
AND LAND PLANNERS

504 BALTIMORE/ANNAPOLIS BOULEVARD
SEVERNA PARK, MD 21146 (410)647-2727
FAX (410)647-7127



DES: L.R.C.	
DRN: L.R.C.	
CHK: M.A.M.	
DATE: 4/98	
BY NO. REVISION	

TRAFFIC CONTROL PLAN

OWEN BROWN ROAD

CAPITAL PROJECT D-1085

SCALE: AS SHOWN DATE: AUGUST 1999

5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

600' SCALE MAP NO. 36 BLOCK NO.

SCALE AS SHOWN
SHEET 6 OF 6