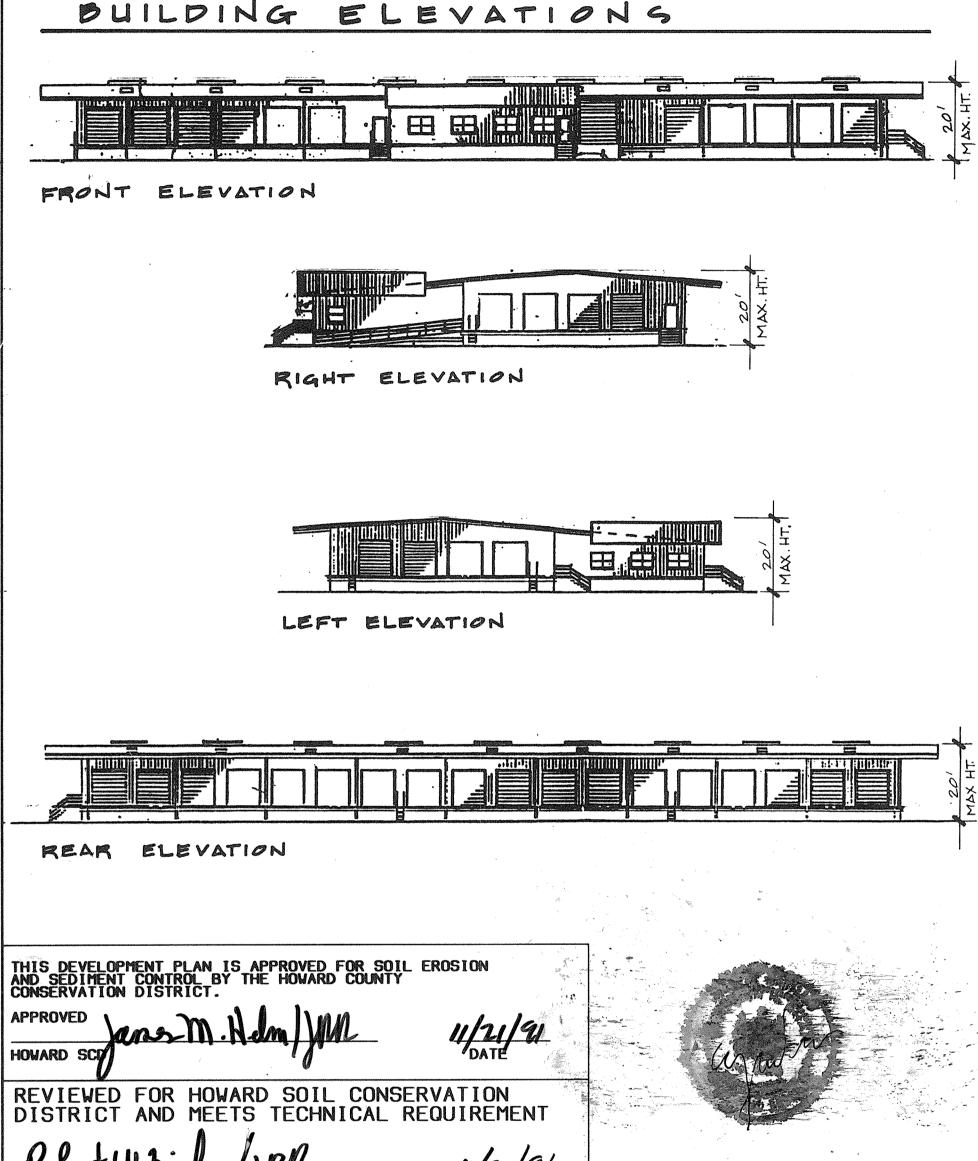


SITE DEVELOPMENT PLANS WATKINS MOTOR LINES, INC.

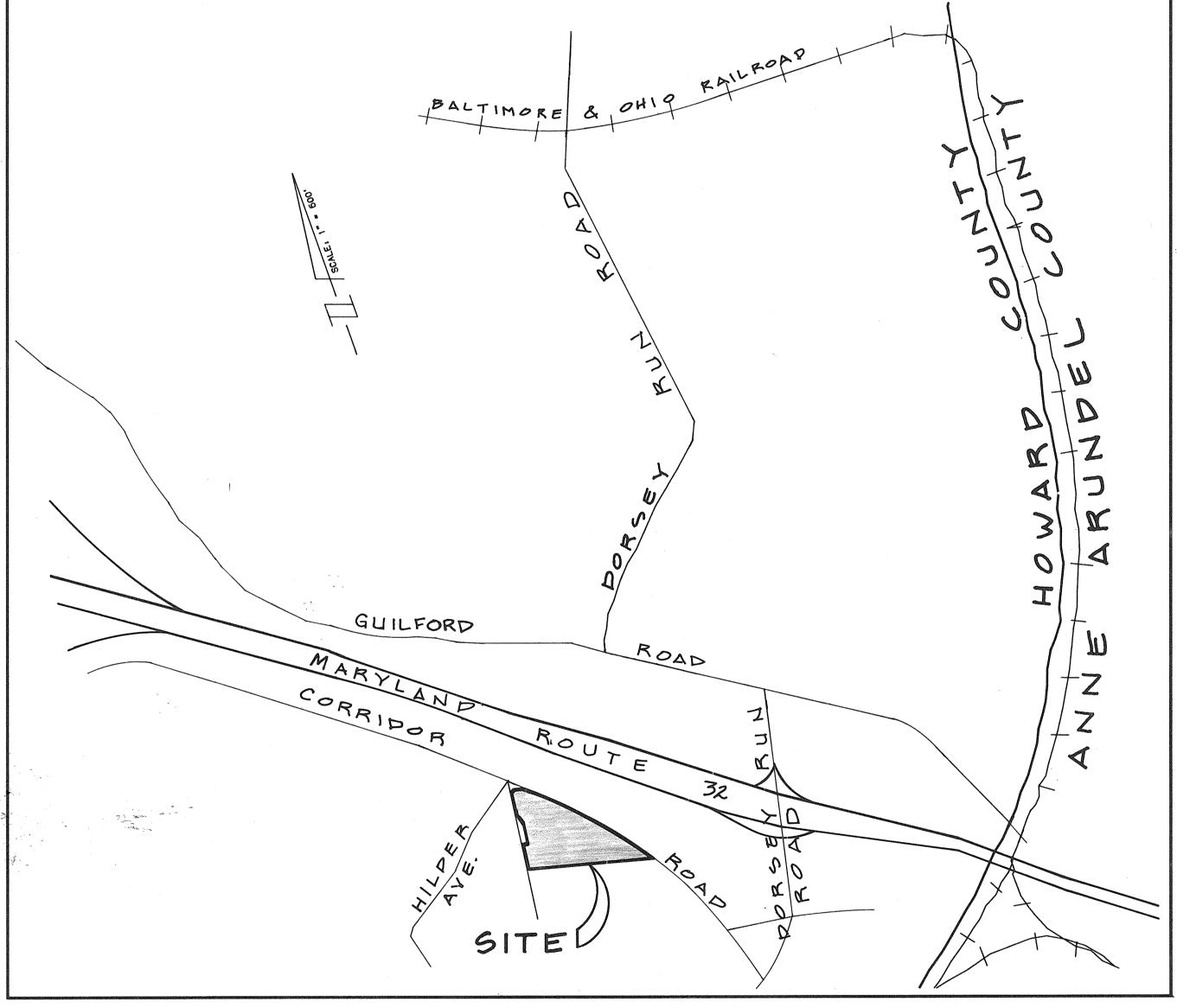
HOWARD COUNTY, MARYLAND

BUILDING ELEVATIONS



12/23/9

12-17-81



VICINITY MAP

APD	RESS CHART
LOT NUMBER	STREET ADDRESS
P-81	8850 CORRIDOR ROAD

SHEET INDEX

- 1. COVER SHEET
- 2. SITE DEVELOPMENT PLAN AND STORMWATER MANAGEMENT PLAN
- 3. DETAIL SHEET
- 4. STORMWATER MANAGEMENT PROFILES AND DRAINAGE AREA MAP
- 5. STORMWATER MANAGEMENT DETAILS AND NOTES
- 6. EROSION AND SEDIMENT CONTROL PLAN
- 7. EROSION AND SEDIMENT CONTROL DETAIL SHEET
- 8. LANDSCAPE PLAN
- R.O.W. DITCH GRADING PLAN 10. WO RETROFIT SITE PLAN

11. WO RETROFIT NOTES AND DETRILS

GENERAL NOTES

- 1. THE APPROXIMATE LOCATION OF ALL UTILITIES IS SHOWN BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORDS. THE CONTRACTOR SHALL LOCATE, PROTECT AND SUPPORT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER/INSPECTOR, AT THE
- 2. CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO (2) WEERS IN ADVANCE OF CONSTRUCTION OPERATIONS IN THE VICINITY OF PROPOSED UTILITIES AT HIS OWN EXPENSE.
- 3. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS.

STATE HIGHWAY ADMINISTRATION - 531-5533 BALTIMORE GAS & ELECTRIC COMPANY - 561-2585 (CONTRACTOR SERVICES) BALTIMORE GAS & ELECTRIC COMPANY - 234-6313 (UNDERGROUND DAMAGE CONTROL) BALTIMORE GAS & ELECTRIC COMPANY - 298-9013 (TROUBLE SHOOTING) "MISS UTILITY" - 800-257-7777 CHESAPEAKE & POTOMAC (C&P) TELEPHONE COMPANY - 725-9976

BUREAU OF UTILITIES/HOWARD COUNTY - 313-2366

THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF

- COMMENCEMENT OF WORK, AT 792-2630. 4. ALL DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARD
- DETAILS, DESIGN MANUAL VOLUME IV. 5. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH HOWARD COUNTY SPECIFICATIONS AND HOWARD
- COUNTY DESIGN MANUAL, VOLUME IV. 6. ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE PLANE COORDINATES SYSTEM PROVIDED BY HOWARD COUNTY.
- 7. EXISTING TOPOGRAPHY BASED ON FIELD RUN SURVEY ON JUNE, 1986 BY PHR&A.
- 8. ALL PIPE ELEVATIONS ARE INVERT ELEVATIONS.
- 9. ALL ROADS SHALL BE PAVED IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-2.01, P-3. (PUB. STREETS ONLY)
- 10. STANDARD PARKING SPACES ARE 9' X 18'.
- 11. PARKING AREAS SHALL MEET ALL ZONING REGULATIONS AND ALL DEPARTMENT OF PUBLIC WORKS PAVING SPECIFICATIONS.
- 12. THIS SUBMISSION IS ZONED M-2.
- 13. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
- 14. ALL PLAN DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE
- 15. ALL STORM DRAIN PIPE BEDDING SHALL BE CLASS A.
- 16. WETLANDS DO NOT EXIST ON THE SITE.
- 17. ALL LIGHTING FIXTURES DIRECTED AWAY FROM ADJOINING PROPERTIES.

SITE ANALYSIS

Area of Parcel: 7.01 AC; 305,530 S.F.

Présent Zoning:

Freight Terminal/Office Space Proposed use of structure:

Floor Space - Freight Terminal: - Office Space: Total Building

18,000 S.F.

Building coverage of site:

0.46 AC, 6.55% of gross

31.25% of gross Unbuilt green area 62.20% of gross 100.00% Paved area

PARKING AND PARKING LOT TABULATION

Total Site Area

NUMBER OF OFFICE & TERMINAL EMPLOYEES FOR DAY SHIFT NIGHT SHIFT

INCLUDING 2 HANDICAPPED SPACES

NUMBER OF AUTO PARKING SPACES

NUMBER OF TRUCK/TRAILER PARKING SPACES LOADING SPACES

EMPLOYEE PARKING LOT AREA PARKING LOT LANDSCAPE AREA PARKING SPACES REQUIRED AT

1,371 S.F OR I PER 500 SQ. FT. = 40

LAKELAND, FLORIDA 33805 (813) 687 4545

WATKING N			SECT	JA	REA	PAR	PARCEL I 150F 697
PLAT = 0R L/F 131/596	BLOCK #	TAX/ZONE MA	e S		DIST. CENSUS		
WATER CODE 24-191	2-D	*	SEVER CODE		731	-0	

OWNER:

WATKING MOTOR LINES

MM. JOHN TISDALE

DIRECTOR OF REAL ESTATE

1144 WEST GRIFFIN ROAD

	•		
No	. REVISIONS	DATE	CHKD
1	SUBMITTED TO HO. CO. FOR REVIEW	6.2091	MJK
2	PEVISAD PER PAZ COMMANTS	2.18.21	IAC
3	ISSUED FOR HO.CO. REVIEW	9.19.91	TAC
4	REVISED PER COMMENTS FROM D.P.Z.	11.15-9)	
5		8-22-92	GEL
6	WATER QUALITY RETROFIT FOR 12-SW PERMIT CBR	8/16/18	BTB
7	TO ADD A SECURITY FENCE	12-19-18	RVE

FOR PUBLIC WATER AND PUBLIC SEVERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

FOR PUBLIC WATER AND PUBLIC SEVERAGE STORM DRÁINAGE SYSTEM AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

CHIEF. BUREAU OF ENGINEERING



HOWARD COUNTY APPROVAL

TAX MAP 48 PARCEL 81 PROJECT:

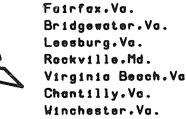
WATKINS MOTOR LINES. J. DUINKER SUBDIVISION

PARTS OF LOTS 6 AND 7

L. HBN 131 F. 596 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND **COVER SHEET**

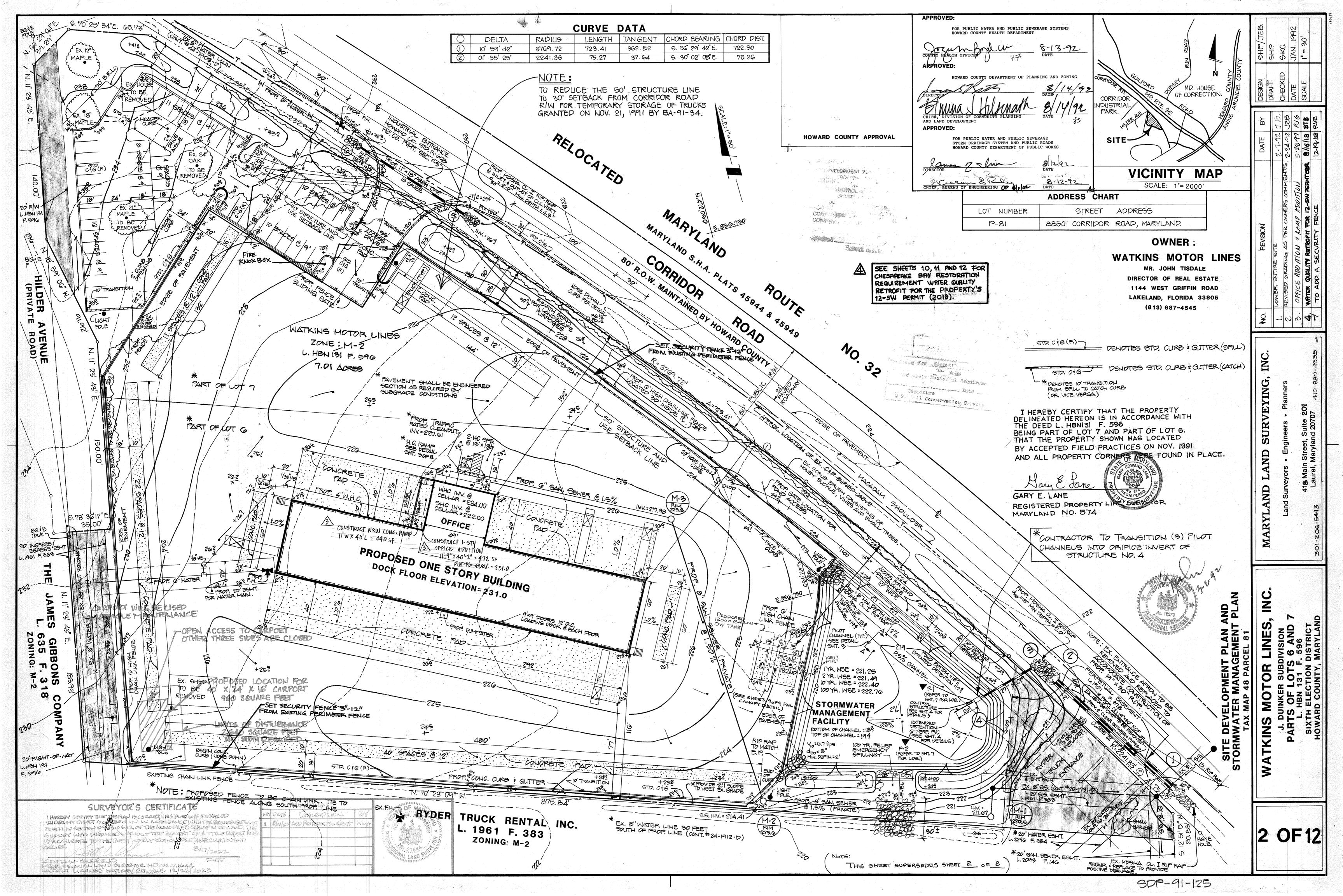
TITLE:

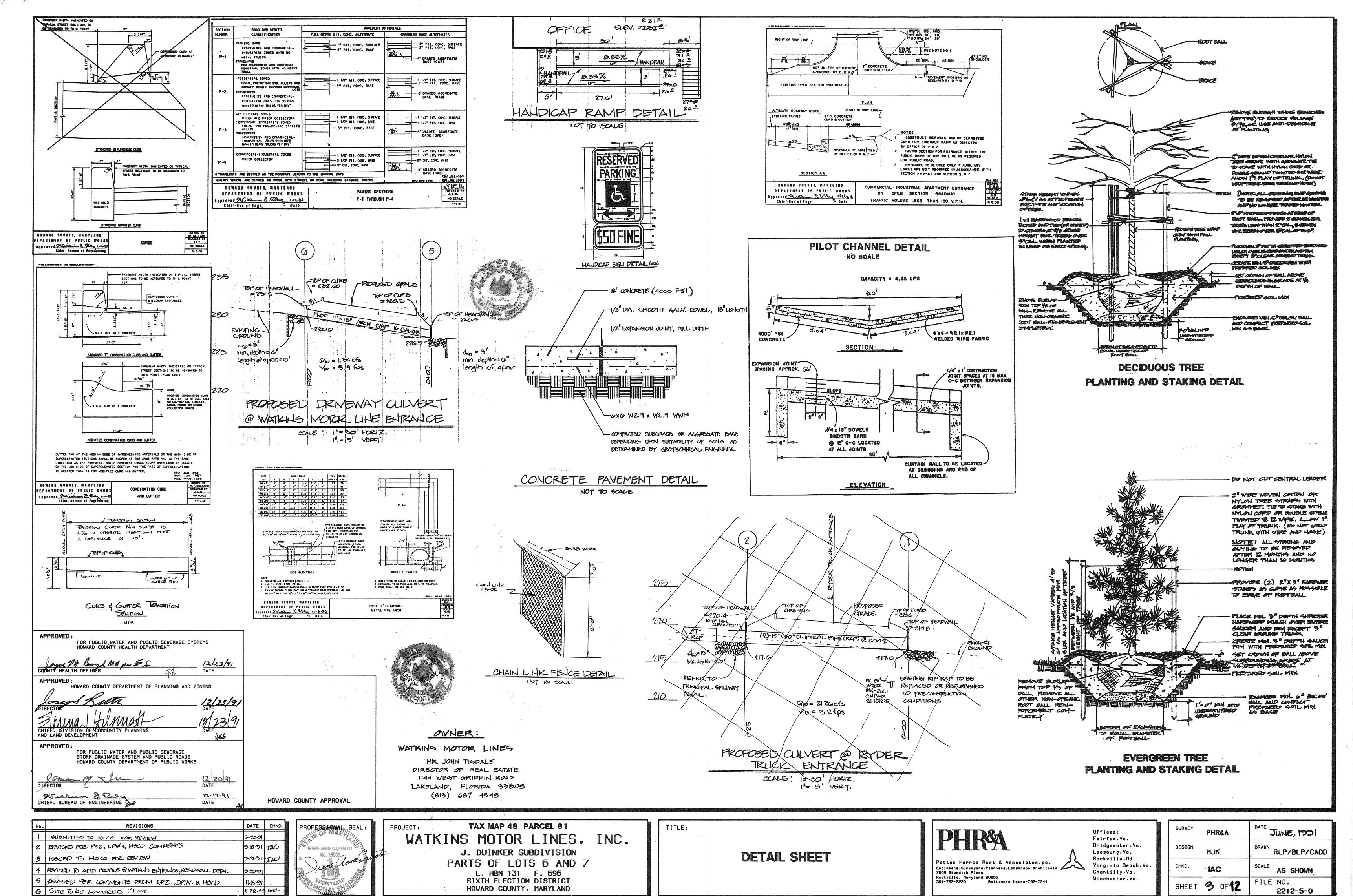
Potton Horris Rust & Associates.pc. Engineers.Surveyers.Plenners.Lendscape Architect 7509 Standish Place Reckville. Meryland 20655

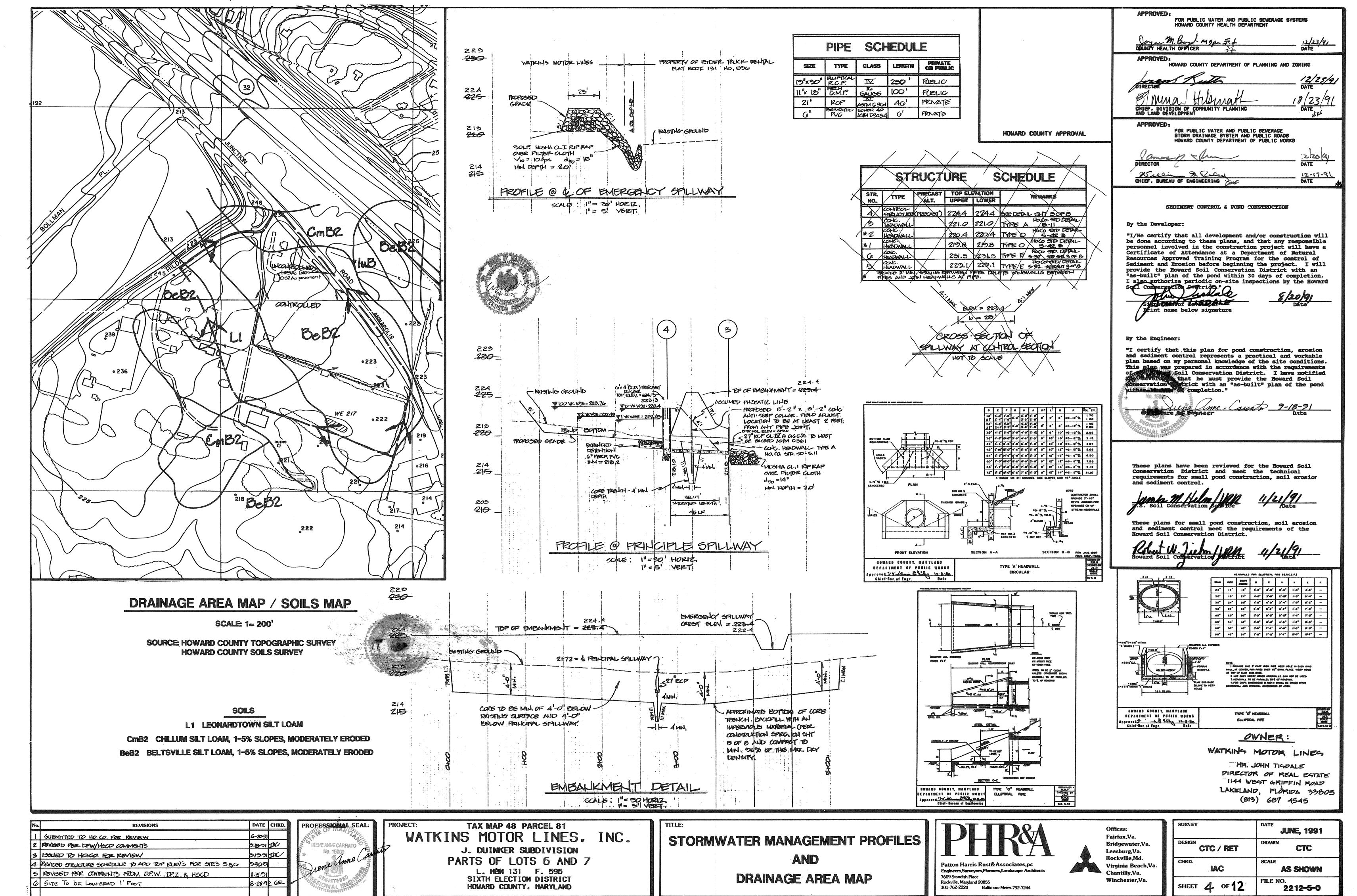


Offices:

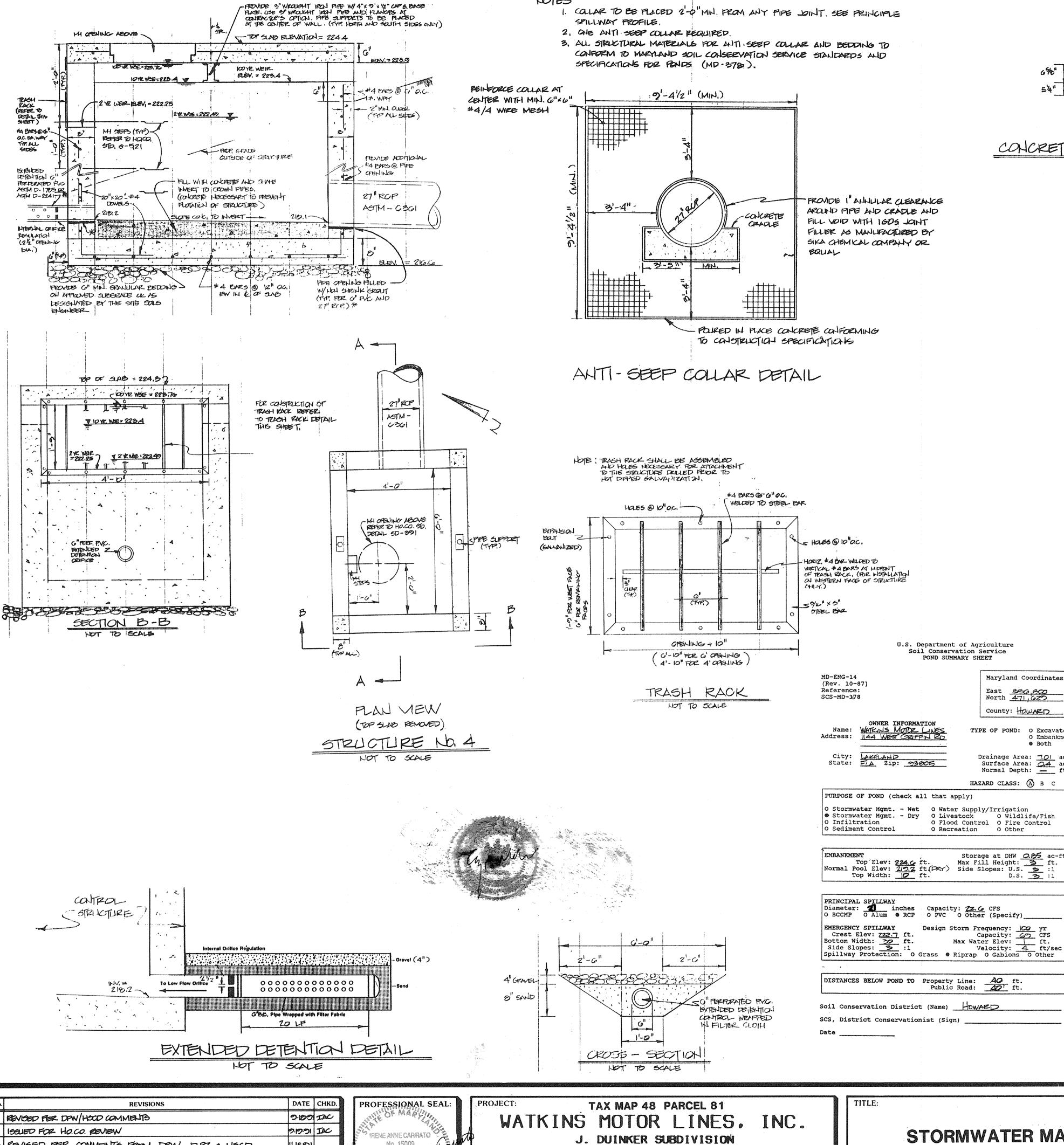
	SURVEY	PHREA	DATE JUNE 1991
a. er,Va. Va.	DESIGN	MJK	DRAWN RLP/BLP/CADD
.Md. Beach.Va. .Va.	CHKD.	IAC	SCALE AS SHOWN
r.Va.	SHEET '	0F 12	FILE NO.



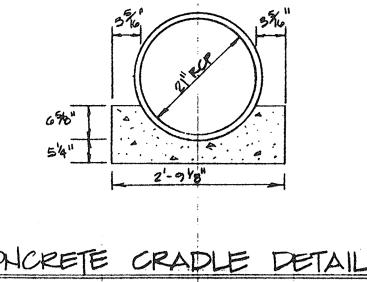




TCA 301-565-3340



HOTES



CONCRETE CRADLE DETAIL HOT TO SCALE

HOWARD COUNTY APPROVAL

WATKING MOTOR LIHES OWNER:

MR. JOHN TISDALE DRECTOR OF REAL ESTATE 1144 WEST GRIFFIN ROAD LAKELAHD, FLORIDA 33805 (813) 687.4545

These plans have been reviewed for the Howard Soil Conservation District and meet the technical requirements for small pond construction, soil erosion and sediment control.

These plans for small pond construction, soil erosion and sediment control meet the requirements of the Howard Soil Conservation District.

SPECIFICATIONS

These specifications are appropriate to all ponds within the scope of the Standard for practice MD-378. All references to ASTM and AASHTO specifications apply to the most recent version.

Site Preparation

Areas designated for borrow areas, embankment and structural works shall be cleared, grubbed and stripped of topsoil. All trees, vegetation, roots and other objectionable material shall be removed. Channel banks and sharp breaks shall be sloped to no steeper than 1:1.

reas to be covered by the reservoir will be cleared of all trees, brush, logs, fences, rubbish and other objectionable material unless otherwise designated on the plans. Trees, brush and stumps shall be cut approximately level with the ground surface. For dry stormwater management ponds, a minimum of a 50

outside and below the limits of the dam and reservoir as directed by the owner or his representative. When specified, a sufficient quantity of topsoil will be stockpiled in a suitable location for use on the embankment and

Material - The fill material shall be taken from approved designated borrow areas. It shall be free of roots, stumps, wood, rubbish, stones greater than 6°, frozen or other objectionable materials. Fill material for the center of the embankment and cut off trench shall conform to Unified Soil Classification GC, SC, CH, or CL. Consideration may be given to the use of other materials in the embankment if design and construction

scarified prior to placement of fill. Fill materials shall be placed in maximum 8 inch thick (before compaction) layers which are to be continuous over the entire length of the fill. The most permeable borrow material shall be placed in the downstream portions of the embankment. The principal spillway must be installed concurrently with fill placement and not excavated

Compaction - The movement of the hauling and spreading equipment over the fill shall be controlled so that the entire surface of each lift shall be traversed by not less than one tread track of the equipment of compaction shall be achieved by a minimum of four complete passes of a sheepsfoot, rubber tired or vibratory roller. Fill material shall contain sufficient noisture such that the required degree of compaction will be obtained with the equipment used. The fill material shall contain sufficient moisture so that if formed into a ball it will not crumble yet not be so wet that water can be squeezed out.

Where a minimum required density is specified, it shall not be less than 95% of maximum dry density with a moisture content within $\pm 2\%$ of the optimum. Each ayer of fill shall be compacted as necessary to obtain that density, and is to be certified by the Engineer at the time of construction. All compaction is to be determined by AASHTO Method T-99.

foot radius around the inlet structure shall be cleared.

All cleared and grubbed material shall be disposed of other designated areas.

are supervised by a geotechnical engineer.

Placement - Areas on which fill is to be placed shall be into the embankment.

nto impervious material along or parallel to the centerine of the embankment as shown on the plans. The bottom width of the trench shall be governed by the equipment used for excavation, with the minimum width being four feet. The depth shall be at least four feet below existing grade or as shown on the plans. The side slopes of the trench shall be 1 to 1 or flatter. The backfill shall be compacted with construction equipment, roters, or hand tampers to assure maximum density and minimum permeability.

Cut Off Trench - The cutoff trench shall be excavated

Structure Backfill

Backfill adjacent to pipes or structures shall be of the type and quality conforming to that specified for the acioning fill material. The fill shall be placed in honzo: layers not to exceed four inches in thickness and compacted by hand tampers or other manually directed compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet. measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe, unless there is a compacted fill of 24° or greater over the structure or pipe.

Pipe Conduits

All pipes shall be circular in cross section.

Reinforced Concrete Pipe - All of the following criteria shall apply for reinforced concrete pipe:

- Materials Reinforced concrete pipe shall have bell and spigot joints with rubber gaskets and shall equal or exceed ASTM Designation C-361. An approved equivalent is AWWA Specification C-
- 2. Bedding All reinforced concrete pipe conduits shall be laid in a concrete bedding for their entire length. This bedding shall consist of high stump concrete placed under the pipe and up the sides of the pipe at least 10% of its outside diameter with a minimum thickness of 3 inches, or as shown on the
- Laying pipe 8ell and spigot pipe shall be placed with the bell end upstream. Joints shall be made in accordance with recommendations of the manufacturer of the material. After the joints are sealed for the entire line, the bedding shall be placed so that all spaces under the pipe are filled. Care shall be exercised to prevent any deviation from the original line and grade of the pipe. The first joint must be located within 2 feet from the riser.
- Backfilling shall conform to "Structure Backfill."
- Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

Polyvinyl Chloride (PVC) Pipe - All of the following criteria snail apply for polyvinyl chloride (PVC) pipe:

Materials - PVC pipe shall be PVC-1120 or PVC-

- 1220 conforming to ASTM 0-1785 or ASTM 0-
- 2. Joints and connections to anti-seep collars shall be

- Bedding The pipe shall be firmly and uniformly
- 4. Backfilling shall conform to "Structure Backfill."

bedded throughout its entire length. Where rock

or soit, spongy or other unstable soil is encountered,

all such material shall be removed and replaced

with suitable earth compacted to provide adequate

5. Other details (anti-seep collars, valves, etc.) shall be as shown on the drawings.

Concrete shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 608, Mix No. 3

Rock Riprap

All rock shall be dense, sound, and free from cracks, seams, and other defects conducive to accelerated weathering. The rock fragments shall be angular to subrounded in shape. The least dimension of an individual rock fragment shall be not less than onethird the greatest dimension of the fragment.

The rock shall have the following properties:

- Bulk specific gravity (saturated surface-dry basis not less than 2.5.
- Absorption not more than three percent.
- than 20 percent when sodium suitate is used.

Bulk specific gravity and absorption shall be determined according to ASTM C 127. The test for soundness snall be performed according to ASTM C 88.

3. Soundness: Weight loss in five cycles not more

The norap shall be placed to the required thickness in one operation. The rock shall be delivered and placed in a manner that will insure the riorap in place shall be easonably hornogeneous with the larger rocks uniformly distributed and firmly in contact one to another with the smaller rocks filling the voids between the larger rocks. Filter cloth shall be placed under all riprap and shall meet the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials, Section 919.12.

Care of Water during Construction

FOR PUBLIC WATER AND PUBLIC SEVERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

HOVARD COUNTY DEPARTMENT OF PLANNING AND ZONING

FOR PUBLIC VATER AND PUBLIC SEVERAGE STORM DRAINAGE SYSTEM AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

SEDIMENT CONTROL & POND CONSTRUCTION

"I/We certify that all development and/or construction will

be done according to these plans, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural

Resources Approved Training Program for the control of

Sediment and Erosion before beginning the project. I will provide the Howard Soil Conservation District with an

as-built" plan of the pond within 30 days of completion. Lalso authorize periodic on-site inspections by the Howard

"I certify that this plan for pond construction, erosion

and sediment control represents a practical and workable plan based, on my personal knowledge of the site conditions. This prepared in accordance with the requirements

Power prepared in accordance with the requirements to Howard Soil Conservation District. I have notified developer to the must provide the Howard Soil WIMMEGARMS Strict with an "as-built" plan of the pond

CHIEF. BUREAU OF ENGINEERING

By the Developer:

By the Engineer:

12/20191

12-17-91

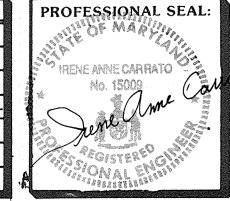
All work on permanent structures shall be carried out in areas free from water. The Contractor shall construct and maintain all temporary dikes, levees, cofferdams drainage channels, and stream diversions necessary to protect the areas to be occupied by the permanent works. The contractor shall also furnish, install, operate and maintain all necessary pumping and other equipment required for removal of water from the various parts of the work and for maintaining the excavations, foundation, and other parts of the work free from water as required or directed by the engineer for constructing each part of the work. After having served their purpose, all temporary protective world snall be removed or leveled and graded to the extent required to prevent obstruction in any degree whatsoever of the flow of water to the spillway or outle works and so as not to interfere in any way with the operation or maintenance of the structure. Stream tiversions shall be maintained until the full flow can be passed through the permanent works. The removal of water from the required excavation and the foundation shall be accomplished in a manner and to the excent that will maintain stability of the excavated slopes and bottom of required excavations and will allow satisfactory performance of all construction operations. Ouring the placing and compacting of material in required excavations, the water level at the locations being refilled shall be maintained below the bottom of the excavation at such locations which may require draining the water to sumps from which the water shall be

All borrow areas shall be graded to provide proper drainage and left in a sightly condition. All exposed surfaces of the embantement, spalway, spoil and borrow areas, and berms shall be stabilized by seeding. liming, fertilizing and mulching in accordance with the Maryland Soil Conservation Service Standards and Specifications for Critical Area Planning (MD-342) or as shown on the accompanying drawings.

Erosion and Sediment Control

Construction operations will be carried out in such a manner that erosion will be controlled and water and air pollusion minimized. State and local laws concerning politation abatement will be followed. Construction plans shall detail erosion and sediment control measures to be employed during the construction process.

BEVISED PER DAW/HOCD COMMENTS ISSUED FOR HO.CO. PEVIEW 3 REVISED PER COMMENTS FROM DP.W., D.P.Z. & HSCD 4 SITE TO bE LOWERED I FOOT 8-28-92 GE



J. DUINKER SUBDIVISION

PARTS OF LOTS 6 AND 7 L. HBN 131 F. 596 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

U.S. Department of Agriculture

Soil Conservation Service

POND SUMMARY SHEET

Maryland Coordinates

East 856,800 North 471,620

County: HOWARD

TYPE OF POND: O Excavated

Drainage Area: 701 acres Surface Area: 4 acres

Normal Depth: ___ ft.

HAZARD CLASS: (A) B C

Storage at DHW 0.85 ac-ft Max Fill Height: 3 ft.

O Flood Control O Fire Control

Design Storm Frequency: 100 yr Capacity: 67 CFS

Max Water Elev:

O Recreation O Other

O Embankment

Both

STORMWATER MANAGEMENT **DETAILS AND NOTES**



301-762-2220 Baltimore Metro-792-7244

7609 Standish Place

Rockville, Maryland 20855

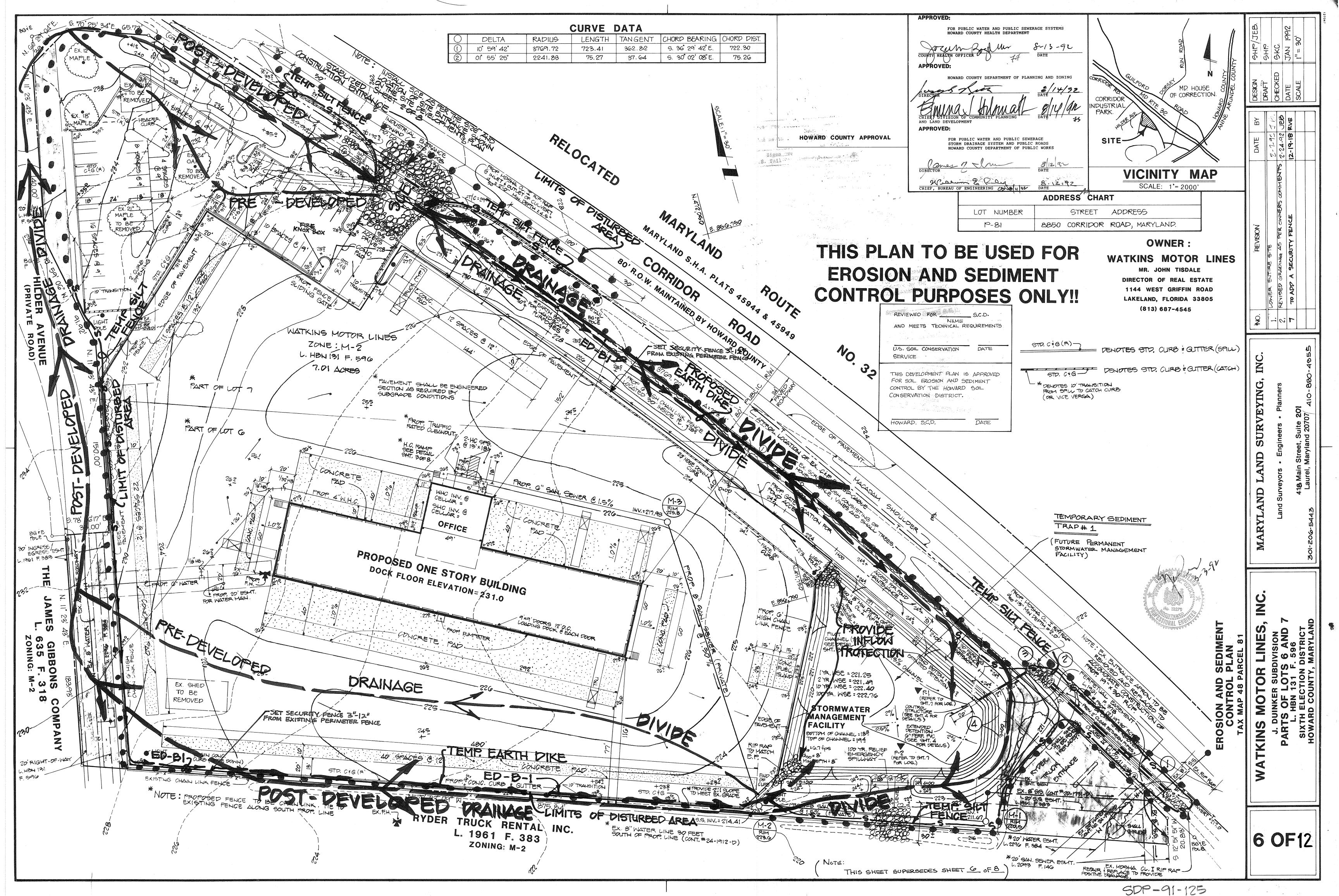
Engineers, Surveyors, Planners, Landscape Architects



Fairfax, Va. Bridgewater, Va. Leesburg,Va. Rockville, Md. Virginia Beach, Va. Chantilly, Va. Winchester, Va.

Offices:

SURVEY PHR&A	JUNE, 1991						
DESIGN CTC/RET	DRAWN						
CHKD.	SCALE N.T.S.						
SHEET 5 OF 12	FILE NO. 2212-5-0						



PROJECT: Watkins Motor Lines BORING NO.: P-1
PROJECT NO.: 2212-5-1 BORING LOCATION: See boring location plan
TNSPECTOR: DRS

GROUNDWATER LEVELS (DEPTH/DATE): None encountered

1) A minimum of 24 hours notice must be given to Apply to graded or cleared areas not subject to issediate further disturbance where a the Movard County Office of Inspection and Permits permanent long-lived vegetative cover is needed. prior to the start of any construction. (992-2437) 2) All vegetative and structural practices are to be Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other installed according to the provisions of this plan acceptable means before seeding. If not previously loosened.

> 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 disc 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 disc into upper three inches of soil.

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

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 Nav 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 11 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 reseedings.

TEMPORARY SEEDING NOTES

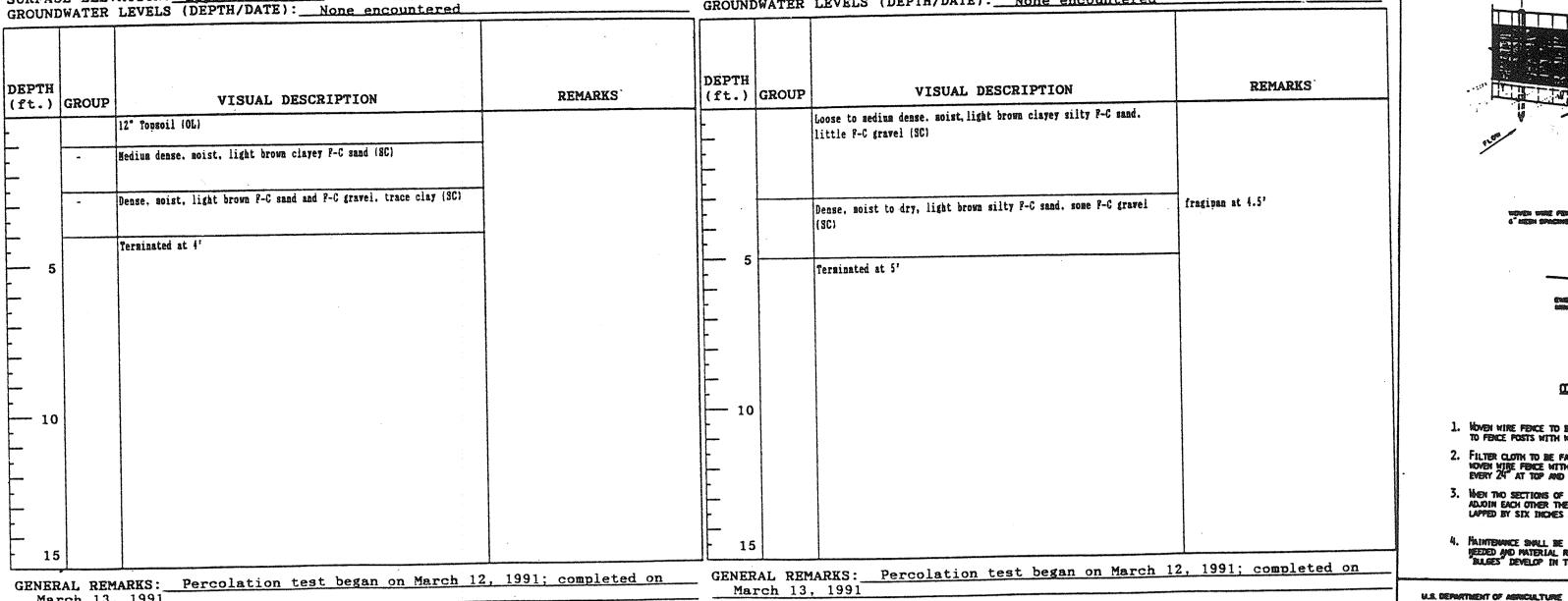
Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding. If not previously loosened.

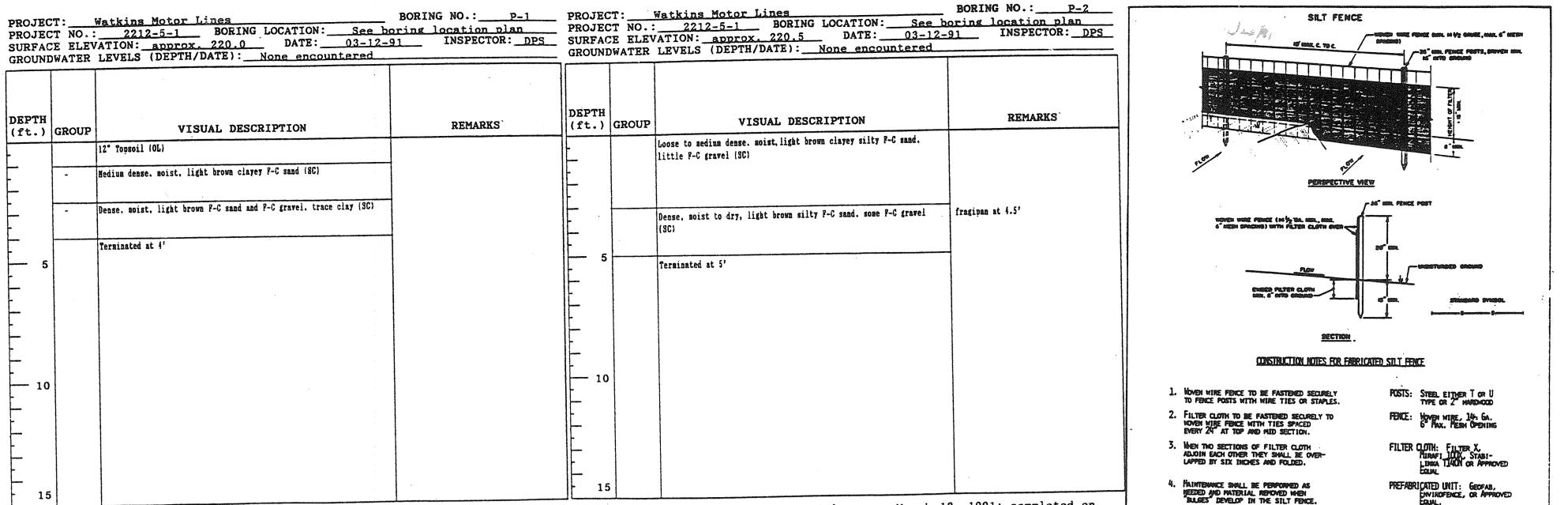
Soil Amendments: Apply 60 lbs per acre 10-10-10 fertilizer (14 lbs/1000 gg ft). Seeding: For periods March 1 thru April 30 and from August 15 thru Movermber 15, seed with 24 bushel per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored strew suich and seed as soon as possible in the spring, or use sod.

Mulching: Apply 14 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.



BORING NO.: P-1



SEQUENCE OF CONSTRUCTION

Obtain required grading permits.

SEDIMENT CONTROL NOTES

SEDDMENT CONTROL.

lishment of grasses.

7) Site Analysis:

and are to be in conformance with the 1983 MARYLAND

STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND

3) Following initial soil disturbance or redisturbance,

permanent or temporary stabilization shall be completed

4) All sediment traps/basins shown must be fenced and warning signs

posted around their perimeter in accordance with Vol. 1.

Chaper 12, of the HOWARD COUNTY DESIGN MANUAL, Storm

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.

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 seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and

mulching (Sec. 52.) Temporary stabilization with

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

*THESE QUANTITIES NOT TO BE USED FOR CONSTRUCTION.

8) Any sediment control practice which is disturbed by

9) Additional sediment controls must be provided, if

repaired on the same day of disturbance.

grading activity for placement of utilities must be

Area of Site

1 Area of Site

201 Acres

1 Area of Site

201 Acres

1 Acres

Area to be roofed or paved

Area to be vegetatively stabilized

2010 Cu. yds × 3160 C

1 3010 Cu. yds ×

1 deation

deemed necessary by the Howard County DPW sediment control inspector.

building or grading inspection approvals may not be authorized until

10) On all sites with disturbed areas in excess of 2 acres, approval

this initial approval by the inspection agency is made.

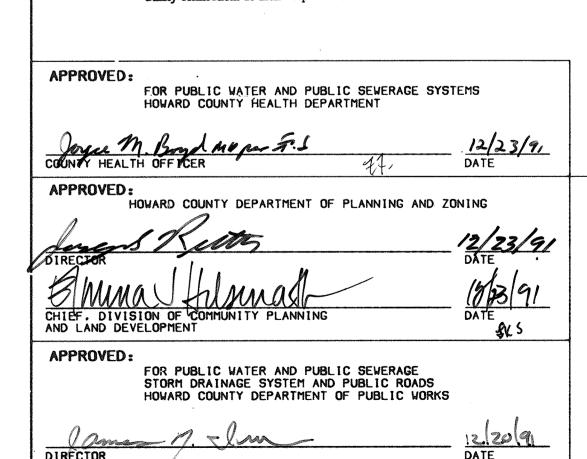
of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before

proceeding with any other earth disturbance or grading. Other

31 60 CU. YOS.

sulch alone can only be done when recommended seeding dates do not allow for proper germination and estab-

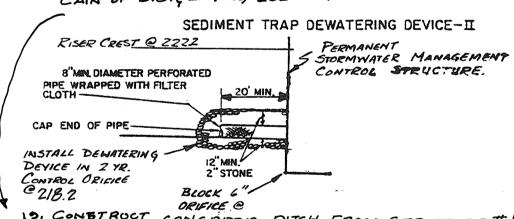
- Contact Howard County 48 hours before beginning construction for
- 3. Install all site perimeter sediment control devices and, stone construction
- Sandbag inlet of existing 18" X 24" CMP and install silt fence from Ryder concrete island to outlet end of 18" X 24" CMP. Pump or divert run-off from existing inlet to existing out fall as necessary.
- 5. Demolish existing concrete entrance from concrete island to outfall end of existing 18" X 24" CMP keeping access to west side of entrance and remove 18" X 24" CMP within same limits.
- Install proposed 19" X 30" RCP pipes and endwall within limits described in notes. Backfill as required and install concrete entrance. Upon
- Relocate access to Ryder site to newly constructed east side of entrance, and install silt fence from earth dike across west side. Demolish west side of existing concrete entrance, remove existing 18" X 24" CMP and install proposed 19" X 30" RCP and headwall.
- Install concrete entrance upon completion of 19" X 30" pipes and headwall. Stabilize twin culvert inlet and outfall with rip-rap. Remove sandbags and allow run-off through new twin culvert.
- 9. Construct sediment trap as follows:
- A. From Stormwater Management Plan construct outfall
 - control structure Upon construction of control structure, temporarily block 1-1/2 feet of the 4-foot front weir opening to the top of the 10 foot weir elevation with brick and mortar.
- B. From this plan excavate pond bottom to indicated grades
- C. Provide a sediment trap dewatering device as shown on this sheet
- Remove existing buildings, asphalt pavement, etc. Abandon all existing



Western & Rey

CHIEF. BUREAU OF ENGINEERING

- Begin site grading and construct building foundation. Trench to install underground utilities (i.e. water, sanitary sewer). Continue building
- 12. Begin curb and gutter construction, concrete pad construction and paving
- 13. Begin construction of industrial entrance off Corridor Road and grading of landscape berm. Complete curb and gutter and concrete pad construction and paving operations.
- 14. Begin to stabilize all disturbed areas, removing sediment control devices as directed by the inspector. Complete permanent pond construction as per stormwater management plan
- 15. Permanently stabilize all remaining disturbed areas (landscape berm, etc.) and remove remaining sediment control devices after obtaining approval from the sediment control inspector.
- 16. INSTALL SEDIMENT CONTROL MEASURE PRIOR TO DITCH
- 17. REMOVE EXISTING RIP-RAP AT PIPE OUTLETAND START
- 18. NO GRADING ALLOWED AROUND EXISTING B.G. E POLES. IF GUY-WIRES, HAVE TO BE RELOCATED CONTACT MR. RAYMOND CAIN OF B.G. EE. (410) 265-4071 .



- 19. CONSTRUCT CONCRETE DITCH FROM STRUCTURE #1 To Ex. # 1-A.
- 20. Sodden The DISTURBED AREAS.

SCE STANDARD SYMBOL PAVEMENT PROFILE MOUNTABLÉ BERM Existing ground EXISTIN PAVEMENT PLAN VIEW CONSTRUCTION SPECIFICATIONS

STABILIZED CONSTRUCTION ENTRANCE

not to scale

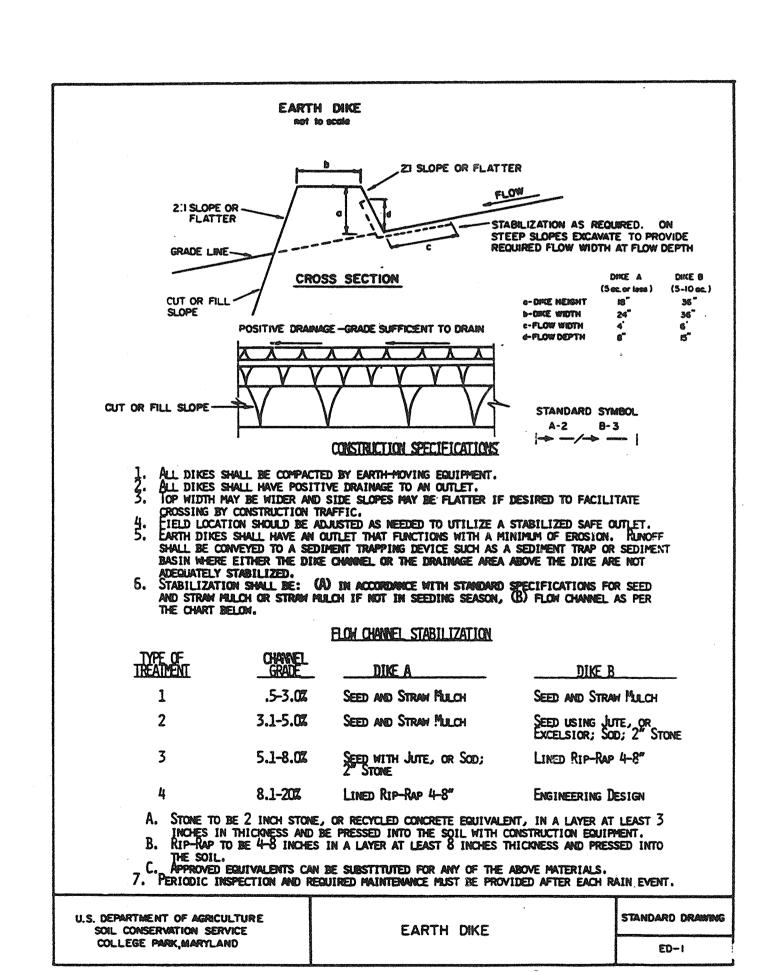
- 1. Stone Size Use 2º stone, or reclaimed or recycled concrete equivalent. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply). Thickness - Not less than six (6) inches.
- Width Ten (10) foot minimum, but not less than the full 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 cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately. Mashing - 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

TITLE:

- stabilized with stone and which drains into an approved sediment trapping 9. Periodic inspection and needed maintenance shall be provided after each rain.
- U. S. DEPARTMENT OF AGRICULTURE STABILIZED CONSTRUCTION ENTRANCE SOIL CONSERVATION SERVICE Oreving.

		_	W100	-	-	-	inami.	-	-	-			-		decision	SH.	-	terior i	-	-	كبهادها	nden a co	contract)	a de
														٧,	4	40								



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

SILT FENCE

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

POIL COMSERVATION SERVICE COLLEGE PARK, MARYLAND

DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspections by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

sida Terrivor talabet Failder

engineer's certificate

I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my passed in moveledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Appeture of Engineer

OWNER:

STANDARD DRAMMO

WATKING MOTOR LINES

MR. JOHN TISDALE DIRECTOR OF REAL ESTATE 1144 WEST GRIFFIN ROAD LAKELAND, FLORIDA 33805

(813) 687 4545

No.	REVISIONS	DATE	CHKD.
1	SUBMITTED TO HO. CO. FOR REVIEW	6.20.91	MJK
2	REVISED PER DAW/HOCD COMMENTS	218-91	TAC
3	ISOUED FOR HOCO. REVIEW	からかり	TAC
4	REVISED EARTH QUANTITIES	10.2.91	
5	REVISED PER COMMENTS FROM DPW., DPZ & HSCD	11.15.9)	
6	SITE TO BE LOWERSO 1' FOOT	8-28-92	GEL

12-17-91 DATE



HOWARD COUNTY APPROVAL

TAX MAP 48 PARCEL 81 WATKINS MOTOR LINES. J. DUINKER SUBDIVISION PARTS OF LOTS 6 AND 7 L. HBN 131 F. 596 SIXTH ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

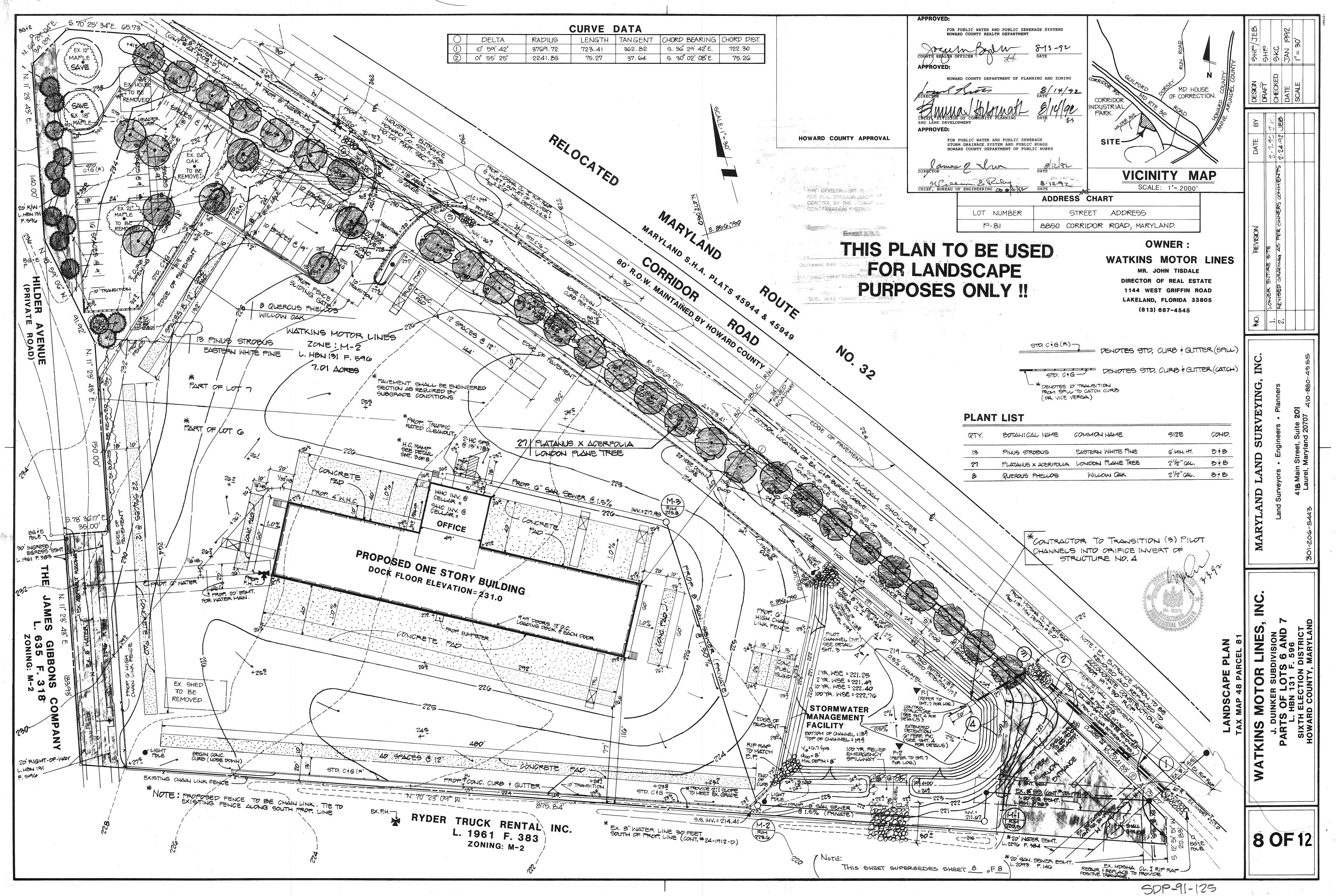
College Perk. Md.

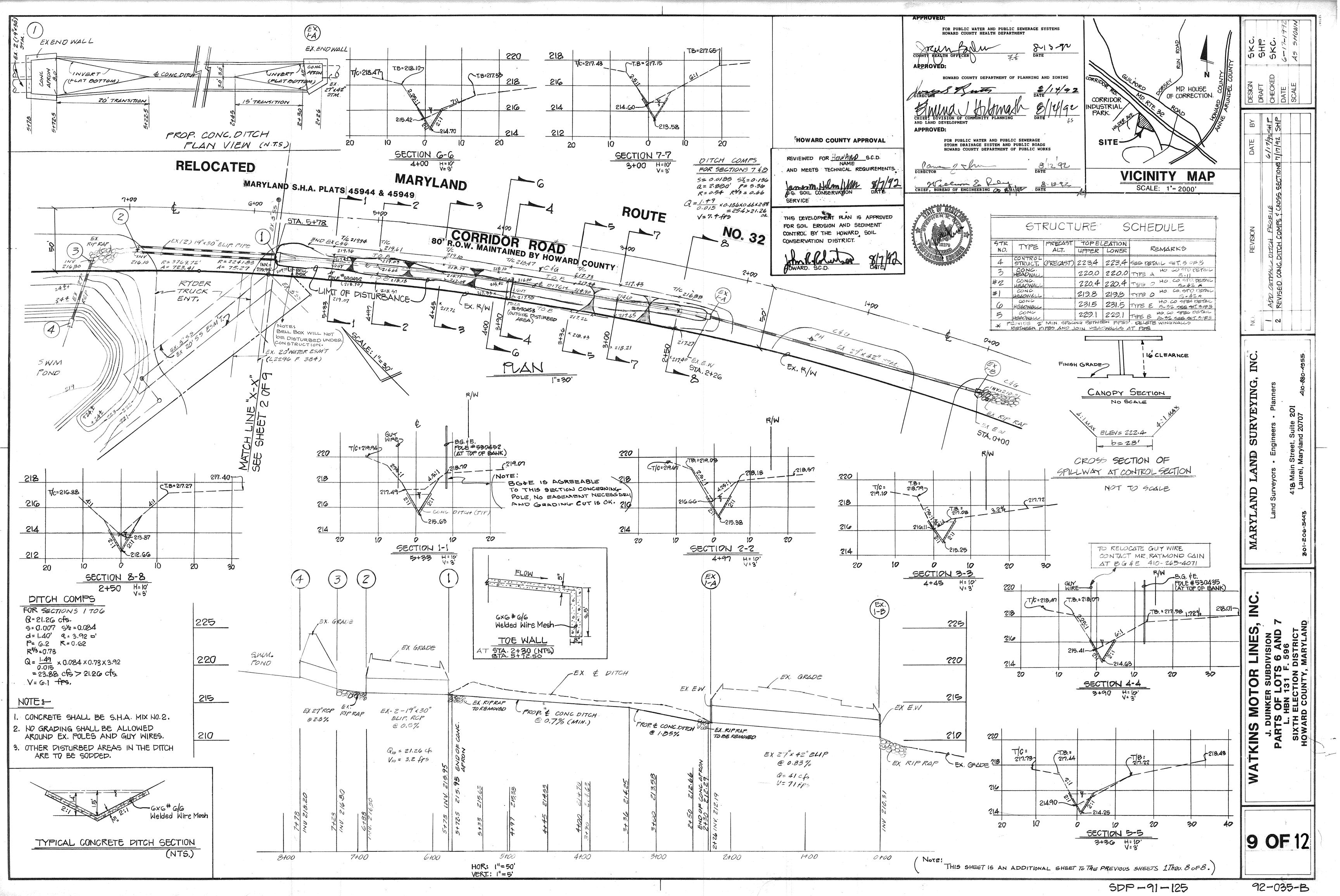
EROSION & SEDIMENT CONTROL DETAILS & NOTES

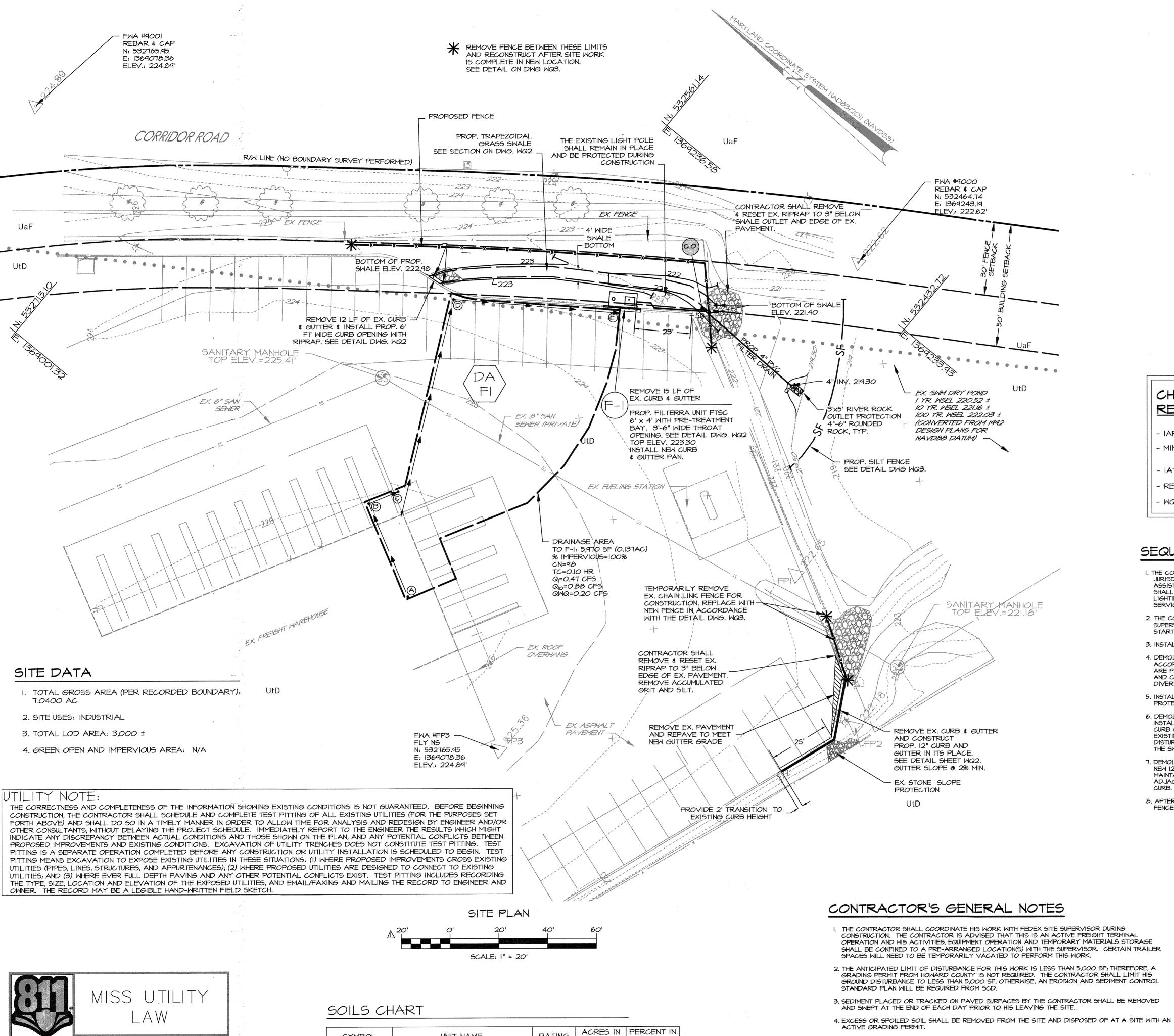
Patton Harris Rust & Associates.pc. Engineers, Surveyors, Planners, Landscape Architects 7609 Standish Place Rockville. Meryland 20655 Boltimere Metro-792-7244

Offices: Foirfax. Va. Bridgewater. Va. Leesburg. Va. Rockville.Md. Virginia Beach. Va. Chantilly. Va. Winchester. Vo.

SURVEY PHR&A	JUNE 1991
DESIGN MJK	DRAWN RLP/BLP/CADI
CHKD.	SCALE AS SHOWN
SHEET 7 OF 12	FILE NO. 2212-5-0







RATING

AOI

11.2

AOI

UNIT NAME

Udorthents, Highway, O to 65

percent slopes

Urban land-Udorthents complex, O

to 15 percent slopes

SYMBOL

LOCATIONS OF EXISTING UTILITIES SHOWN HEREON HAVE BEEN

DEVELOPED FROM UTILITY COMPANY RECORDS AND/OR ABOVE GROUND

INSPECTION OF THE SITE. COMPLETENESS OR ACCURACY OF TYPE,

SIZE, DEPTH OR HORIZONTAL LOCATION OF UNDERGROUND UTILITIES OR

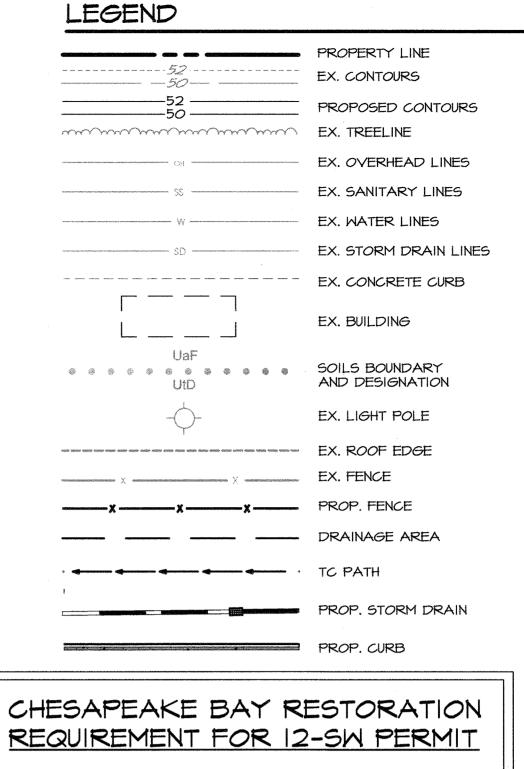
OF MARYLAND SENATE BILL 911, KNOWN AS THE MISS UTILITY LAW, WHICH WENT INTO EFFECT ON 10-1-10, CONTRACTORS MUST VERIFY

LOCATIONS OF UNDERGROUND UTILITIES BY NOTIFYING FACILITY OWNERS

THROUGH THE ONE-CALL SYSTEM, 1-800-257-7777, NO LESS THAN 2

DAYS, NOR MORE THAN 10 DAYS PRIOR TO EXCAVATION OR DEMOLITION

STRUCTURES CANNOT BE GUARANTEED. PURSUANT TO REQUIREMENTS



REQUIREMENT FOR 12-SW PERMIT

- IART = 4,939 SF (PER FWA REPORTS 12/01/2014)

- MIN. WQV=1.0x0.95x4,939 SF = 391CF

- IAT = 5,970 SF.

5. THE PROPOSED DIVERSION SWALE SHALL BE INSTALLED AND GRADED DURING A 3-DAY MINIMUM

7. AFTER COMPLETION OF ALL CONSTRUCTION AND COMMISSIONING AND APPROVAL OF THE STORMWATER FILTERING FACILITIES, THE CONTRACTOR SHALL CLEAN THE SITE AND LEAVE IT A

CONDITION EQUAL OR BETTER THAN EXISTED PRIOR TO CONSTRUCTION.

6. AFTER COMPLETION OF FINE GRADING, SOIL AREAS SHALL BE TOPSOILED, SEEDED AND MULCHED IN

ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND

SEDIMENT CONTROL". SEEDING MIX SHALL BE NO. 8,9 OR II AS SPECIFIED IN TABLE B.3 OF THE 2011

PERIOD OF DRY WEATHER AS FORECAST BY NOAA.

- REQUIRED WQY = $1.0 \times 0.95 \times 5,970$ SF = 473 CF.

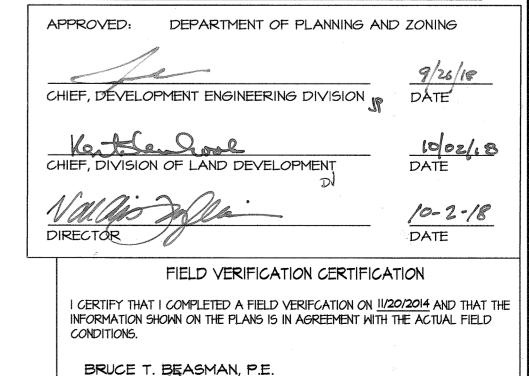
- WQV PROVIDED = 475 CF (BY FILTERRA UNIT FTSC 6'x4')

SEQUENCE OF CONSTRUCTION

- I. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO LOCATE ALL UTILITIES UNDER ITS IIRISDICTION AT LEAST THREE DAYS PRIOR TO CONSTRUCTION IN ADDITION WITH T ASSISTANCE OF THE FEDEX SITE SUPERVISOR OR HIS REPRESENTATIVES, THE CONTRACTOR SHALL LOCATE AND MARK UNDERGROUND UTILITIES SUCH AS ELECTRICAL FEEDERS AND SITE LIGHTING POWER WIRING NOT PREVIOUSLY MARKED, AN UNDERGROUND UTILITY LOCATING SERVICE MAY BE REQUIRED.
- 2. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE FEDEX SITE SUPERVISOR AND HOWARD COUNTY SWM INSPECTOR AT LEAST THREE (3) DAYS PRIOR TO THE START OF CONSTRUCTION.
- 3. INSTALL SILT FENCE IN ACCORDANCE WITH THE SITE PLAN.
- 4. DEMOLISH CURBING AND EXCAVATE FOR AND INSTALL THE F-I WATER QUALITY FACILITY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL OPENINGS IN THE DEVICE THAT ARE PLUGGED BY THE MANUFACTURER SHALL REMAIN IN PLACE UNTIL INSPECTION, APPROVAL AND COMMISSIONING OF THE UNIT BY THE MANUFACTURER. SURFACE RUNOFF SHALL BE DIVERTED AROUND THE F-I EXCAVATION DURING ITS CONSTRUCTION.
- 5. INSTALL THE 4" FILTER DRAIN PIPE TO THE ADJACENT SWM FACILITY. INSTALL OUTLET PROTECTION AND REPLACE EXISTING RIP RAP AS REQUIRED.
- 6. DEMOLISH CURBING AND EXCAVATE AND GRADE THE PROPOSED GRASS DIVERSION SWALE INSTALL NEW CURB OPENING AND ADJACENT CURB AND GUTTER. INSTALL RIP RAP STONE AT CURB OPENING AND RE-WORK AND PLACE EXISTING RIP RAP AT THE INFLOW POINT OF THE EXISTING SWM FACILITY AS NOTED. PERMANENTLY STABILIZE THE SWALE AND REMAINING DISTURBED AREA. SURFACE RUNOFF SHALL BE DIVERTED AROUND THE CURB OPENING DURING THE SWALE CONSTRUCTION.
- 7. DEMOLISH EXISTING CURB AND GUTTER AT THE SOUTHWEST CORNER OF THE SITE AND INSTALL NEW 12" HIGH CURB AND GUTTER. A MINIMUM 2% SLOPE IN THE GUTTER FLOW LINE SHALL BE MAINTAINED. RE-WORK, CLEAN AND LOWER THE EXISTING RIP RAP AT THE OUTLET TO THE ADJACENT SWM FACILITY TO PROMOTE POSITIVE FLOW INTO THE FACILITY FROM THE NEW
- 8. AFTER COMPLETION OF THE WORK, STABILIZE ALL REMAINING AREAS AND REMOVE THE SILT FENCE. STABILIZE THE DISTURBED AREA REMAINING FROM THE SILT FENCE REMOVAL.



THE PURPOSE OF THIS NEW SHEET IS TO SHOW STORMWATER QUALITY IMPROVEMENTS REQUIRED BY THE SITE'S 12-SW PERMIT FOR CHESAPEAKE BAY RESTORATION, AND TO RELOCATE THE PERIMETER FENCE TO COMPLY WITH THE 30-FOOT FENCE SETBACK.



08/16/18 1 = 20BTB CGT FWA JOB NUMBER:

BRUCE T. BEASMAN CERTIFY THAT HESE DOCUMENTS WERE PREPARED OR PPROVED BY ME, AND THAT I AM A DULY CENSED PROFESSIONAL ENGINEER UNDER E LAWS OF THE STATE OF MARYLAND. CENSE NO. 18162, EXP. DATE: 02/21/2019 SHEET 10 OF 12

BTB

2141135.01

FILTERRA STANDARD PLAN NOTES

- A. EACH UNIT SHALL BE CONSTRUCTED AT THE LOCATIONS AND ELEVATIONS ACCORDING TO THE SIZES SHOWN ON THE APPROVED DRAWINGS. ANY MODIFICATIONS TO THE ELEVATION OR LOCATION SHALL BE AT THE DIRECTION OF AND APPROVED BY THE ENGINEER.
- B. IF THE FILTERRA IS STORED BEFORE INSTALLATION, THE TOP SLAB MOST BE PLACED ON THE BOX USING THE 2x4 WOOD PROVIDED, TO PREVENT ANY CONTAMINATION FROM THE SITE. ALL INTERNAL FITTINGS SUPPLIED (IF ANY), MUST BE LEFT IN PLACE AS PER THE DELIVERY.
- C. THE UNIT SHALL BE PLACED ON A COMPACTED SUB-GRADE WITH A MINIMUM 6-INCH GRAVEL BASE MATCHING THE FINAL GRADE OF THE CURB LINE IN THE AREA OF THE UNIT. THE UNIT IS TO BE PLACED SUCH THAT THE LINE UNIT AND TOP SLAB MATCH THE GRADE OF THE CURB IN THE AREA OF THE UNIT. COMPACT UNDISTURBED SUB-GRADE MATERIALS TO 95% OF MAXIMUM DENSITY AT +1-2% OF OPTIMUM MOISTURE. UNSUITABLE MATERIAL BELOW SUB-GRADE SHALL BE REPLACED TO THE SITE ENGINEER'S
- D. OUTLET CONNECTIONS SHALL BE ALIGNED AND SEALED TO MEET THE APPROVAL DRAWINGS WITH MODIFICATIONS NECESSARY TO MEET SITE CONDITIONS AND LOCAL REGULATIONS.
- E. ONCE THE UNIT IS SET, THE INTERNAL WOODEN FORMS AND PROTECTIVE MESH MUST BE LEFT INTACT. REMOVE ONLY THE TEMPORARY WOODEN SHIPPING BLOCKS BETWEEN THE BOX AND TOP SLAB. THE TOP LID SHOULD BE SEALED ONTO THE BOX SECTION BEFORE BACKFILLING, USING A NON-SHRINK GROUT, BUTYL RUBBER OR SIMILAR WATERPROOF SEAL. THE BOARDS ON TOP OF THE LID AND BOARDS SEALED IN THE UNIT'S THROAT MUST NOT BE REMOVED. THE SUPPLIER (AMERICAST OR ITS AUTHORIZED DEALER) WILL REMOVE THESE SECTIONS AT THE TIME OF ACTIVATION. BACKFILLING SHOULD BE PERFORMED IN A CAREFUL MANNER, BRINGING THE APPROPRIATE FILL MATERIAL UP IN 6" LIFTS ON ALL SIDES. PRECAST SECTIONS SHALL BE SET IN A MANNER THAT WILL RESULT IN A WATERTIGHT JOINT. IN ALL INSTANCES, INSTALLATION OF FILTERRA UNIT SHALL CONFORM TO ASTM SPECIFICATION C891 "STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST UTILITY STRUCTURES", UNLESS DIRECTED OTHERWISE IN CONTRACT
- F. THE CONTRACTOR IS RESPONSIBLE FOR INLET PROTECTION/SEDOMENT CONTROL AND CLEANING AROUND EACH FILTERRA UNIT.
- G. CURB AND GUTTER CONSTRUCTION (WHERE PRESENT) SHALL ENSURE THAT THE FLOW-LINE OF THE FILTERRA UNITS IS A GREATER ELEVATION THAN THE FLOW-LINE OF THE BYPASS STRUCTURE OR RELIEF (DROP INLET, CURB CUT OR SIMILAR). FAILURE TO COMPLY WITH THIS GUIDELINE MAY CAUSE FAILURE AND/OR DAMAGE TO THE FILTERRA ENVIRONMENTAL DEVICE.
- H. EACH FILTERRA UNIT MUST RECEIVE ADEQUATE IRRIGATION TO ENSURE SURVIVAL OF THE LIVING SYSTEM DURING PERIODS OF DRIER WEATHER. THIS MAY BE ACHIEVED THROUGH A PIPED SYSTEM, GUTTER FLOW OR THROUGH THE TREE GRATE.

<u>ACTIVATION</u>

A. ACTIVATION OF THE FILTERRA UNIT IS PERFORMED ONLY BY THE SUPPLIER. PURCHASER IS RESPONSIBLE FOR FILTERRA INLET PROTECTION, AND SUBSEQUENT CLEAN OUT COST. THIS PROCESS CANNOT COMMENCE UNTIL THE PROJECT SITE IS FULLY STABILIZED AND CLEANED (FULL LANDSCAPING, GRASS COVER, FINAL PAVING AND STREET SWEEPING COMPLETED), NEGATING THE CHANCE OF CONSTRUCTION MATERIALS CONTAMINATING THE FILTERRA SYSTEM. CARE SHALL BE TAKEN DURING CONSTRUCTION NOT TO DAMAGE THE PROTECTIVE THROAT AND TOP PLATES.

B. ACTIVATION INCLUDES INSTALLATION OF PLANT(S) AND MULCH LAYERS AS NECESSARY.

INCLUDED MAINTENANCE

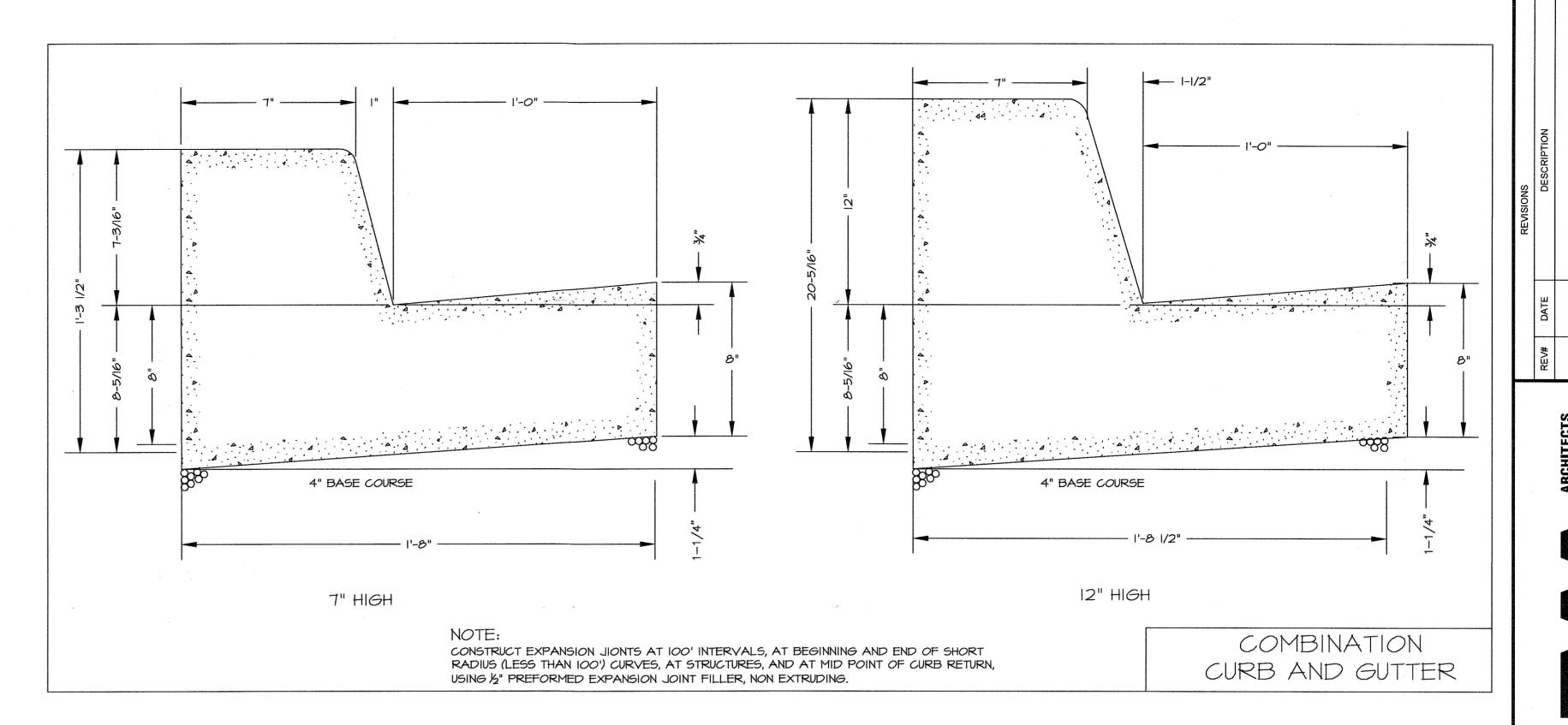
A. EACH CORRECTLY INSTALLED FILTERRA UNIT IS TO BE MAINTAINED BY THE SUPPLIER, OR A SUPPLIER APPROVED CONTRACTOR FOR A MINIMUM PERIOD OF I YEAR. THE COST OF THIS SERVICE IS TO BE INCLUDED IN THE PRICE OF EACH FILTERRA UNIT. EXTENDED MAINTENANCE CONTRACTS ARE AVAILABLE AT EXTRA COST UPON REQUEST.

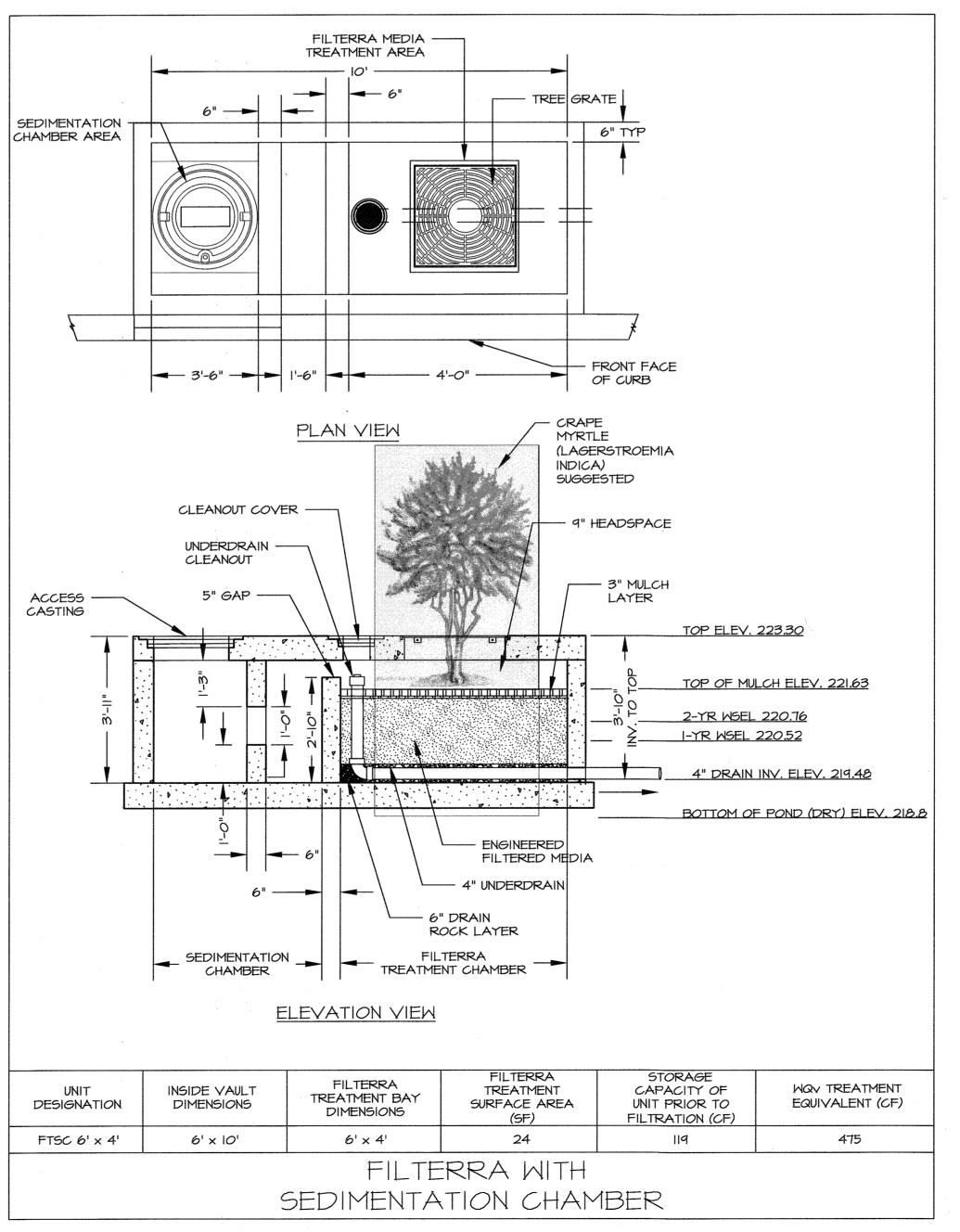
B. ANNUAL INCLUDED MAINTENANCE CONSISTS OF A MAXIMUM OF (2) SCHEDULED VISITS. THE VISITS ARE SCHEDULED SEASONALLY; THE SPRING VISIT AIMS TO CLEAN UP AFTER WINTER LOADS THAT MAY INCLUDE SALTS AND SANDS. THE FALL VISIT HELPS THE SYSTEM BY REMOVING EXCESSIVE LEAF LITTER.

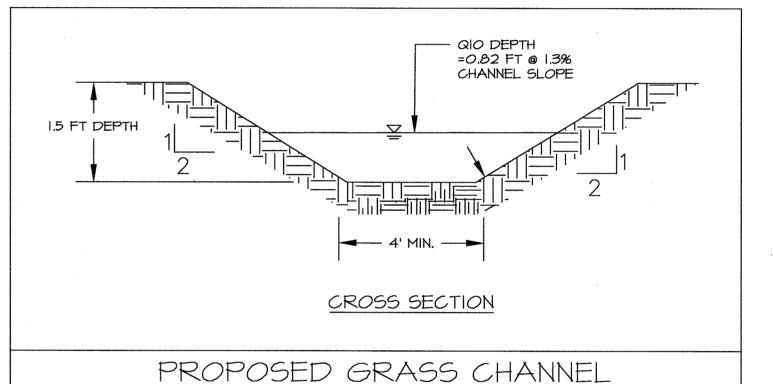
C. EACH INCLUDED MAINTENANCE VISIT CONSISTS OF THE FOLLOWING TASKS:

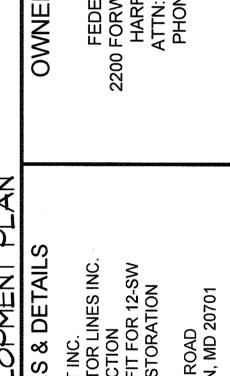
- I. FILTERRA UNIT INSPECTION
- 2. FOREIGN DEBRIS, SILT, MULCH & TRASH REMOVAL. 3. FILTER MEDIA EVALUATION AND RECHARGE AS
- NECESSARY. 4. PLANT HEALTH EVALUATION AND PRUNING OR
- REPLACEMENT AS NECESSARY.
- 5. REPLACEMENT OF MULCH.
- 6. DISPOSAL OF ALL MAINTENANCE REFUSE ITEMS. 7. MAINTENANCE RECORDS UPDATED AND STORED (REPORTS
- AVAILABLE UPON REQUEST)

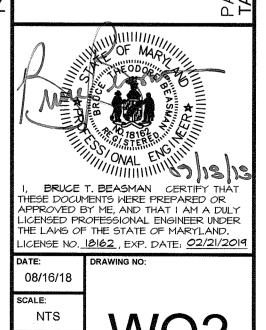
D. THE BEGINNING AND ENDING DATE OF SUPPLIER'S OBLIGATION TO MAINTAIN THE INSTALLED SYSTEM SHALL BE DETERMINED BY THE SUPPLIER AT THE TIME THE SYSTEM IS ACTIVATED. OWNERS MUST PROMPTLY NOTIFY THE SUPPLIER OF ANY DAMAGE TO THE PLANT(S), WHICH CONSTITUTE(S) AN INTEGRAL PART OF BIORETENTION TECHNOLOGY.











SHEET 11 OF 12 WA JOB NUMBER: 2141135.01

SDP-91425

PURPOSE STATEMENT

PERIMETER FENCE TO COMPLY WITH THE 30-FOOT FENCE SETBACK.

DEPARTMENT OF PLANNING AND ZONING

THE PURPOSE OF THIS NEW SHEET IS TO SHOW STORMWATER

CHIEF, DEVELOPMENT ENGINEERING DIVISION IP

CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED:

QUALITY IMPROVEMENTS REQUIRED BY THE SITE'S 12-SW PERMIT

FOR CHESAPEAKE BAY RESTORATION, AND TO RELOCATE THE

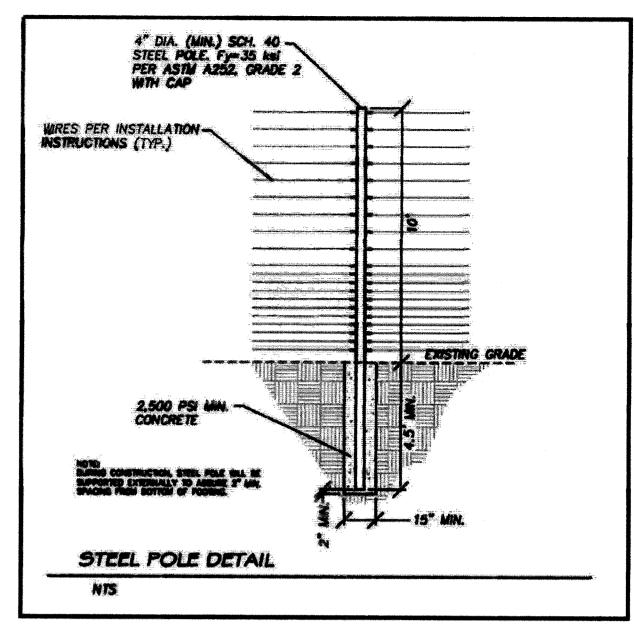
BTB

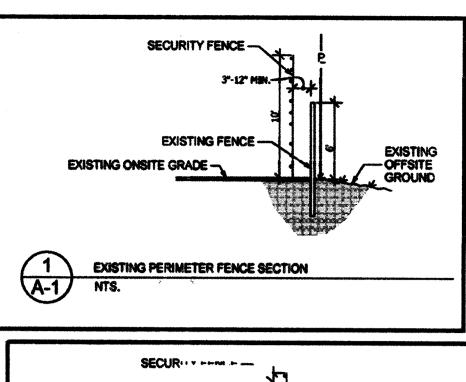
DATE

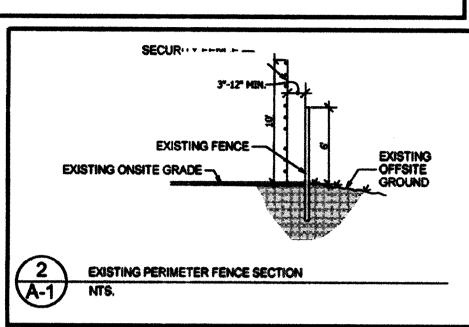
10-2-18

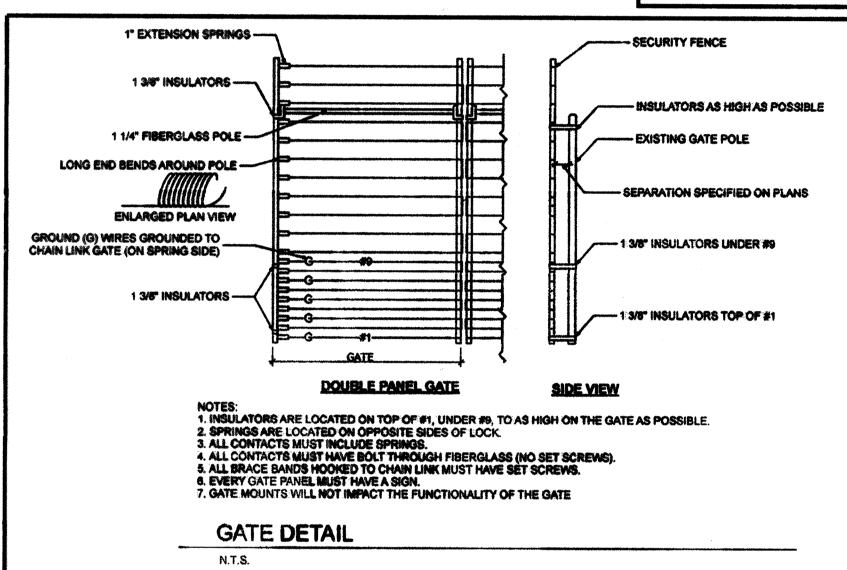
BTB

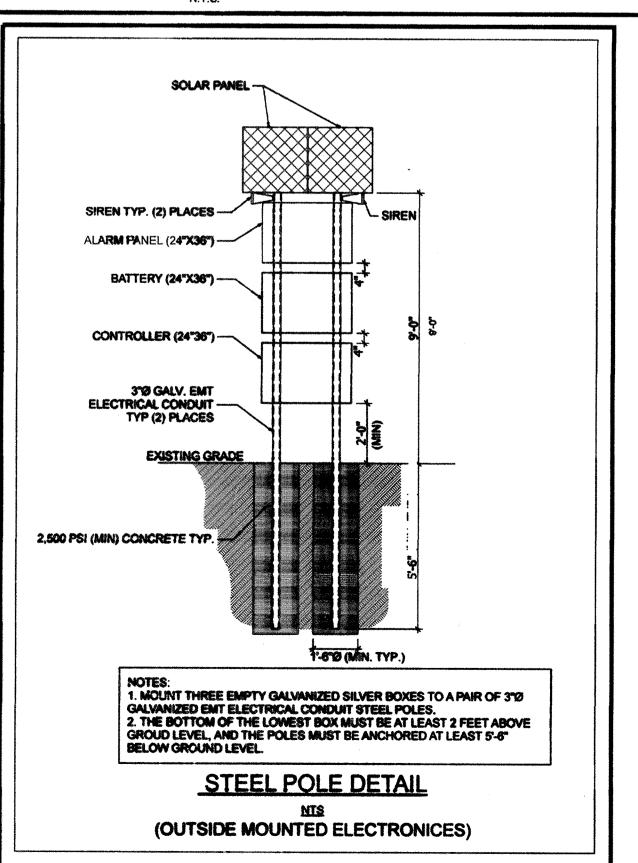
DRAWN BY: CGT

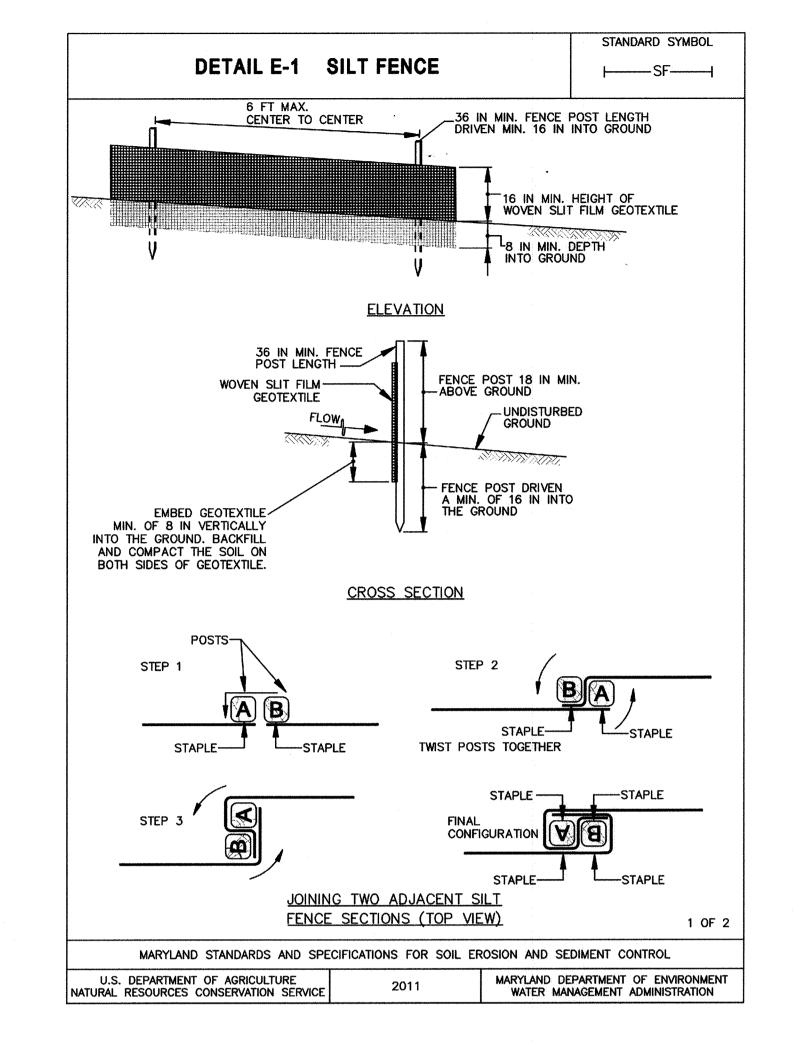


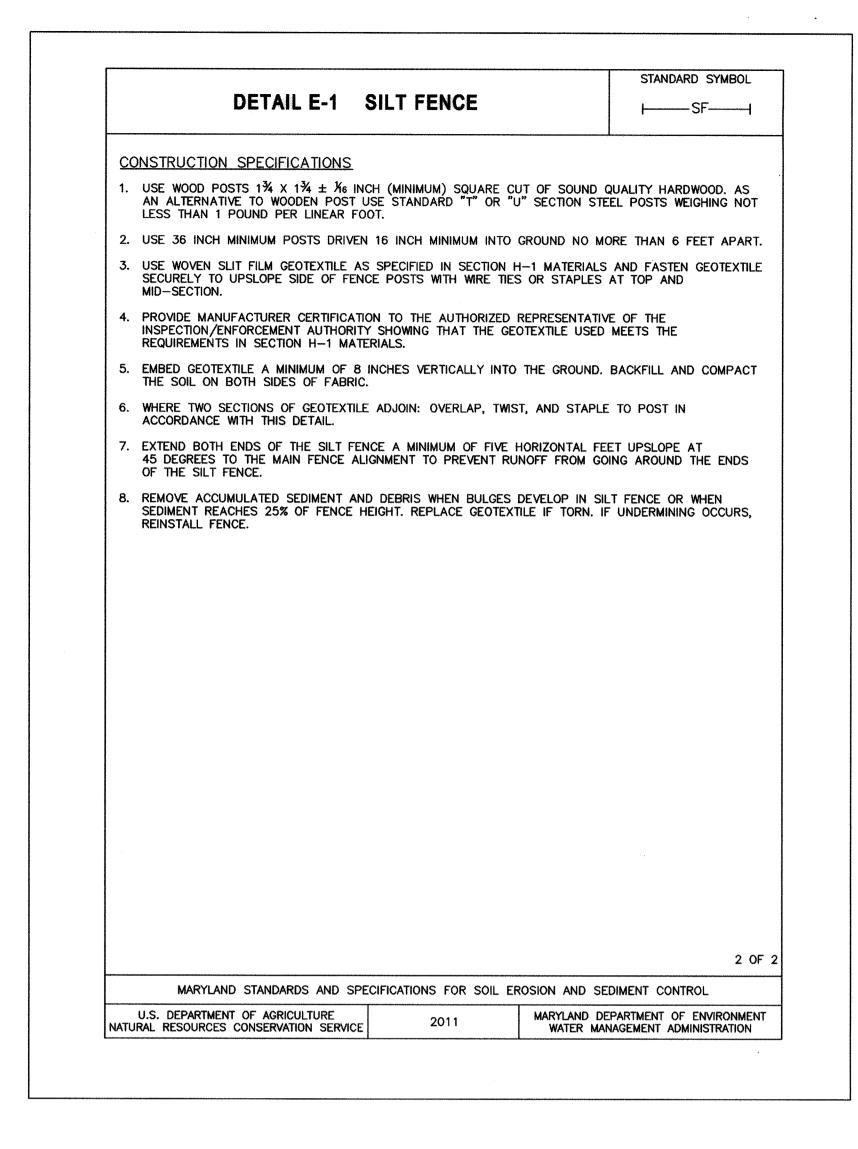


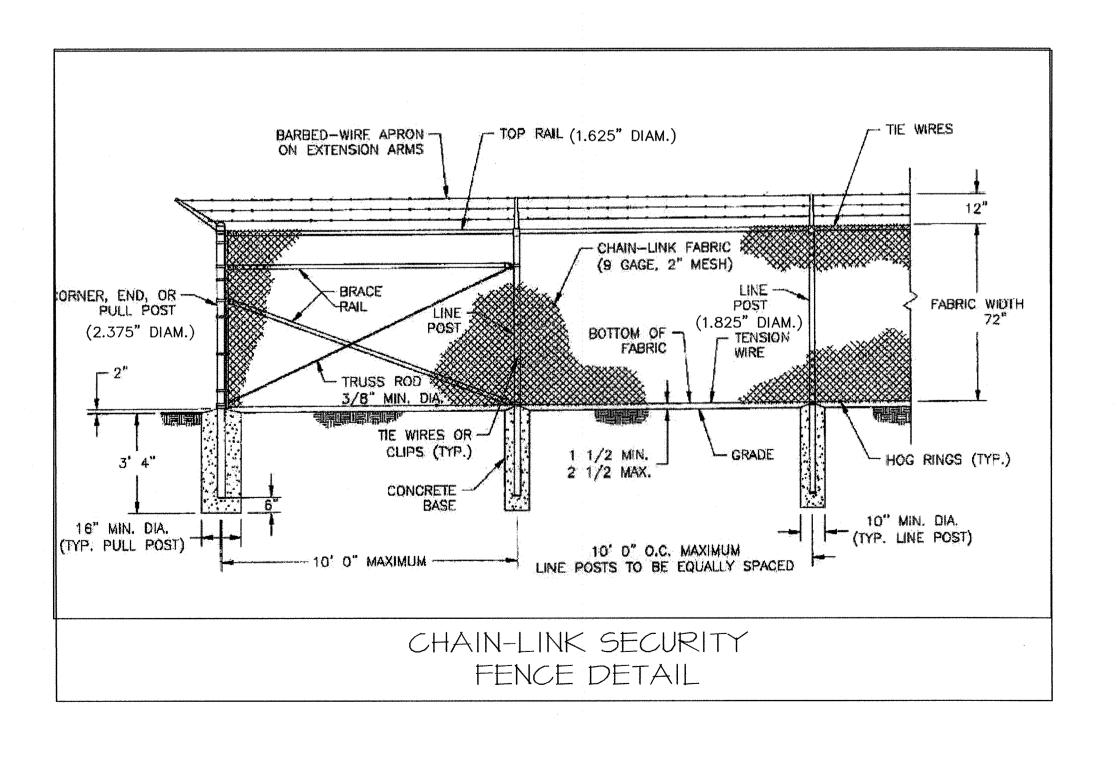


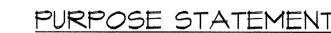




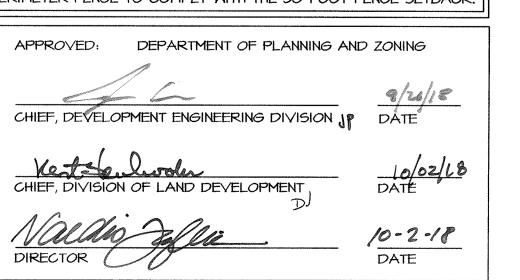








THE PURPOSE OF THIS NEW SHEET IS TO SHOW STORMWATER QUALITY IMPROVEMENTS REQUIRED BY THE SITE'S 12-SW PERMIT FOR CHESAPEAKE BAY RESTORATION, AND TO RELOCATE THE PERIMETER FENCE TO COMPLY WITH THE 30-FOOT FENCE SETBACK,



I, BRUCE T. BEASMAN CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 18162 , EXP. DATE: 02/21/2019 08/16/18

SDP-91-125

NTS BTB CGT 2141135.01