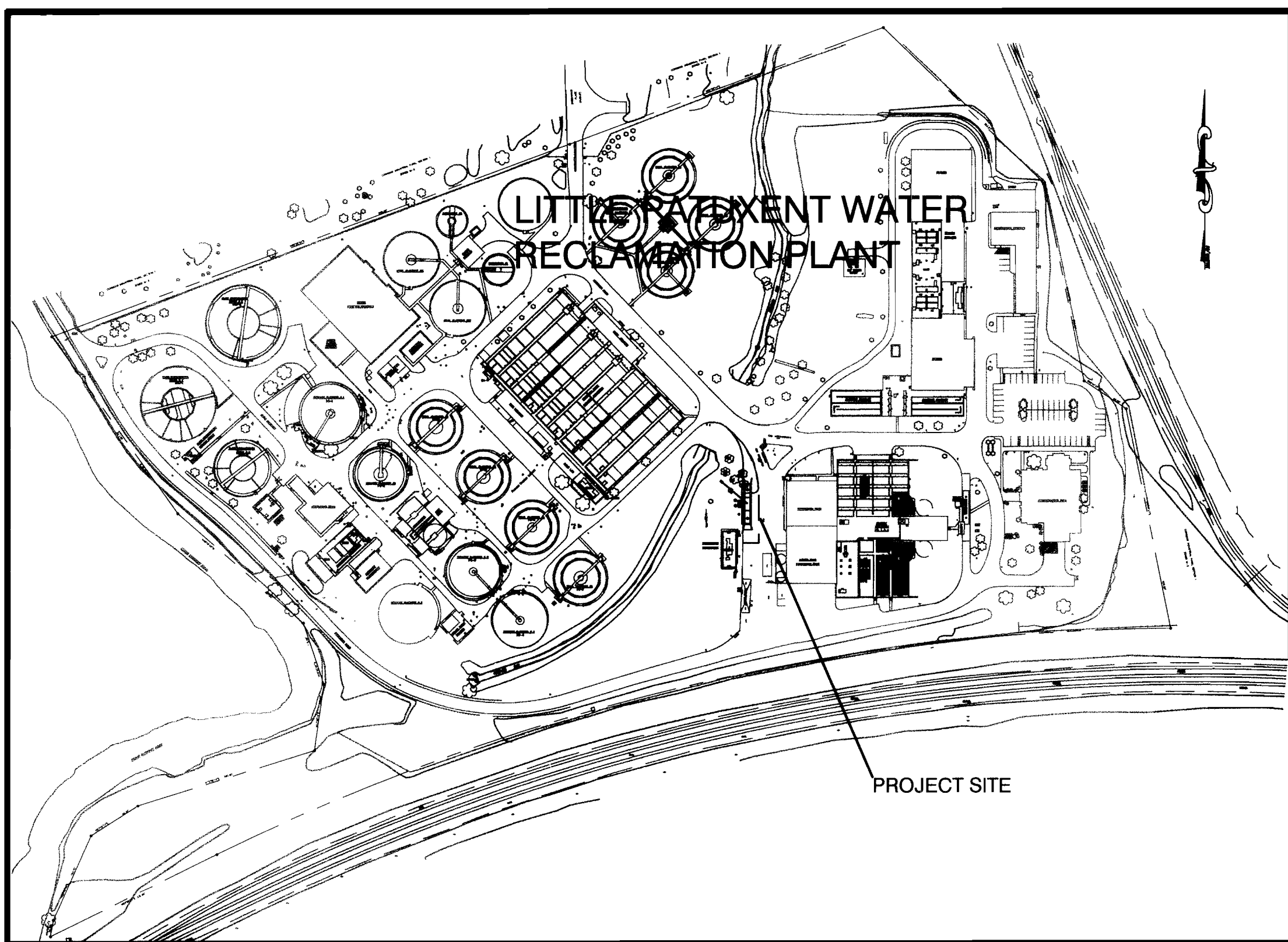


PERMIT INFORMATION CHART

Subdivision Name	N.A.	Section Area	N.A.	Lot/Parcel No.	200
Plat # or L/F	31/17	Grid #	24	Zoning	M-2
Water Code	C04	Sewer Code	4020000	Tax Map No.	47
				Elect Distr	6
				Census Tract	6069.02

ADDRESS CHART

Lot/Parcel #	Street Address
200	8900 Greenwood Place, Savage MD

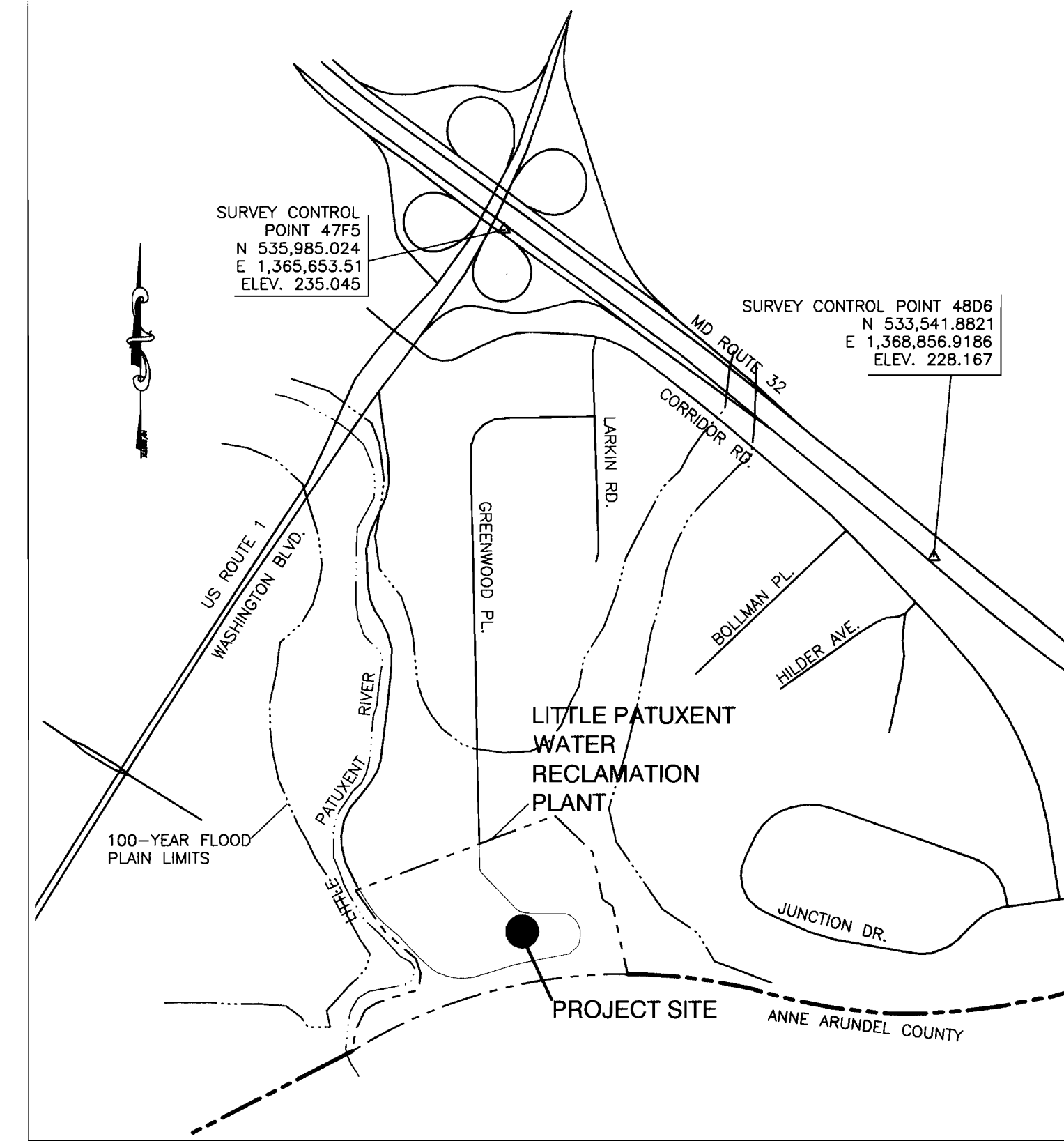


PLANT LOCATION MAP
SCALE: 1"=200'

INDEX OF SHEETS

1. COVER SHEET
2. SITE PLAN
3. STRUCTURAL DETAILS
4. SEDIMENT CONTROL PLAN AND DETAILS
5. SEDIMENT CONTROL NOTES

TRUCK SCALE FOR THE LITTLE PATUXENT WATER RECLAMATION PLANT



VICINITY MAP
SCALE: 1"=1000'

GENERAL NOTES

1. The purpose of this site development plan is to construct a truck scale facility for the Little Patuxent Water Reclamation Plant.
2. The subject property is zoned M-2 per the 2-2-04 the Comprehensive Zoning Plan.
3. All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
4. The contractor shall notify the Department of Public Work/ Bureau of Engineering / Construction Inspection Division at (410) 313-1880 at least five (5) working days prior to the start of work.
5. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to an excavation work being done.
6. Traffic control devices, markings and signing shall be in accordance with the latest edition of the Manual of Uniform Traffic control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt.
7. All plan dimensions are to face of curb unless otherwise noted.
8. The existing topography is taken from field run survey with one foot contour intervals prepared by Dewberry dated February 2006.
9. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System. Howard County Monument Nos. 47F5 and 48D6 were used for this project.
10. Water and sewer is public.
11. Stormwater management for this facility is waived.
12. The existing utilities are based on plant records and test pits.
13. The project lies within the 100-year floodplain per FEMA Map 240044-0043B.
14. There are no wetlands within the limits of this project.
15. There was no traffic study prepared for this project.
16. This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual.
17. This project is exempt from the requirements of Section 16.1200 of the Howard County Code for Forest Conservation because the improvements are contained within the previously approved limit of disturbance (Section 16.1202(b)(iii) of the Subdivision Regulations).
18. The Little Patuxent River Water Reclamation Plant was constructed under the following referenced plans: SDP-00-094 and SDP-78-55.
19. Project background information:

Little Patuxent River Water Reclamation Plant
Savage, Maryland
Election District 6
Site Area (of this project): 0.16 acres

SITE ANALYSIS DATA CHART

Total Project Area:	79,475 sf (18.245 acres) (plant)
Area of plan submission	6,970 sf (0.16 acres)
Limit of Disturbed Area	6,970 sf (0.16 acres)
Present Zoning Designation	M-2
Proposed use	Truck scale for sludge hauling
Floor space	NA Scale is underground in vault
Total Number of Units Allowed	N.A.
Total Number of Units Proposed	N.A.
Maximum number of employees	N.A.
Number of Parking Spaces required	N.A.
Number of Parking Spaces Provided	N.A.
Open area on site	N.A.
Area of recreation	N.A.
Building Coverage	N.A.
DPZ file references	SDP-00-094 & SDP-78-55
Soil Type	Cs. Comus silt loam

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 6/16/06
Chief, Development Engineering Division Date

[Signature] 6/19/06
Chief, Division of Land Development Date

[Signature] 6/21/06
Director Date

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 6/5/06
DIRECTOR OF PUBLIC WORKS DATE

[Signature] 6-5-06
CHIEF, BUREAU OF UTILITIES DATE

[Signature] 6/5/06
CHIEF, BUREAU OF ENGINEERING DATE

[Signature]
CHIEF, UTILITY DESIGN DIVISION DATE

Dewberry
Dewberry & Davis LLC
3120 LORD BALTIMORE DRIVE
SUITE 211
BALTIMORE, MD 21244-2662
PHONE: 410.265.9500
FAX: 410.265.8875



DES:	CTM				
DRN:	CTM				
CHK:	RHB				
DATE:	6/5/06	BY	NO.	REVISIONS	DATE

COVER SHEET

OWNER:
DEPT. OF PUBLIC WORKS
BUREAU OF UTILITIES-
L.P.W.R.P.
8900 Greenwood Place
Savage, MD 20763
Tel. (410) 880-5822
CONTRACT NO. 24-4369
ELECTION DISTRICT NO. 6

DEED: 5454/243
TAX MAP: 47 GRID 24 PARCEL 200

**TRUCK SCALE
LITTLE PATUXENT
WATER RECLAMATION PLANT**

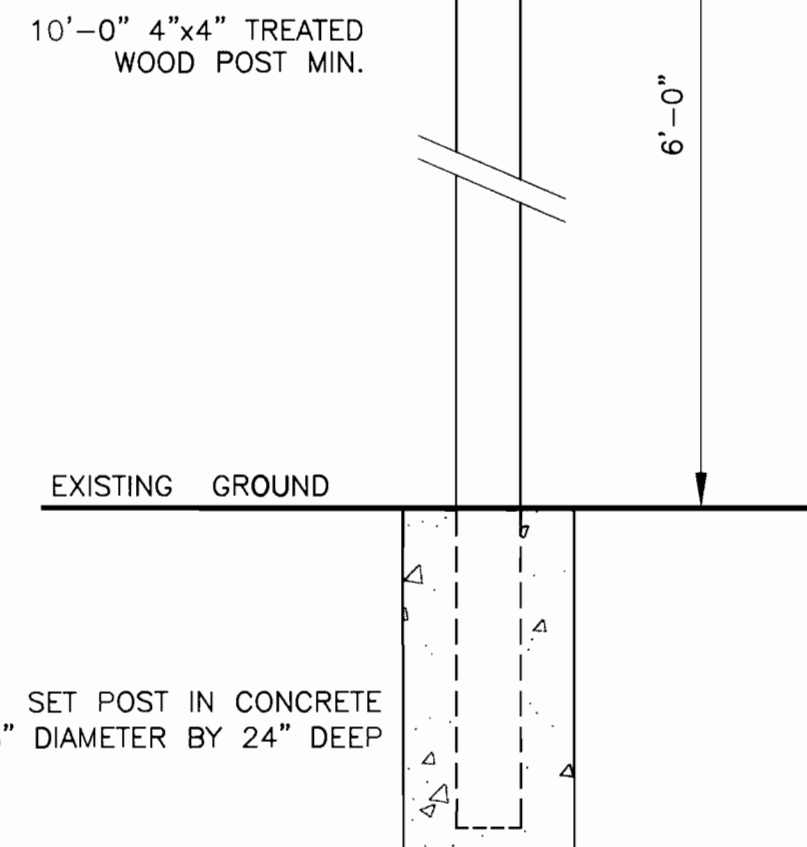
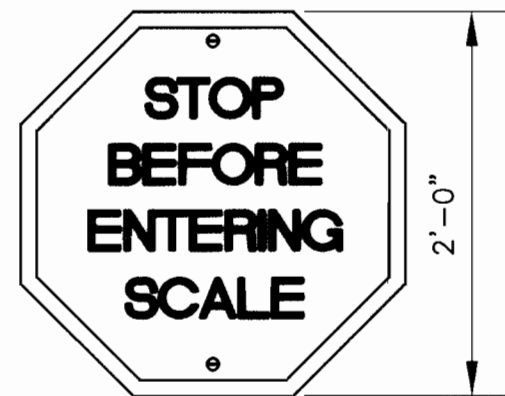
CAPITAL PROJECT NO. W-8600
HOWARD COUNTY, MARYLAND

SCALE:
NOTED

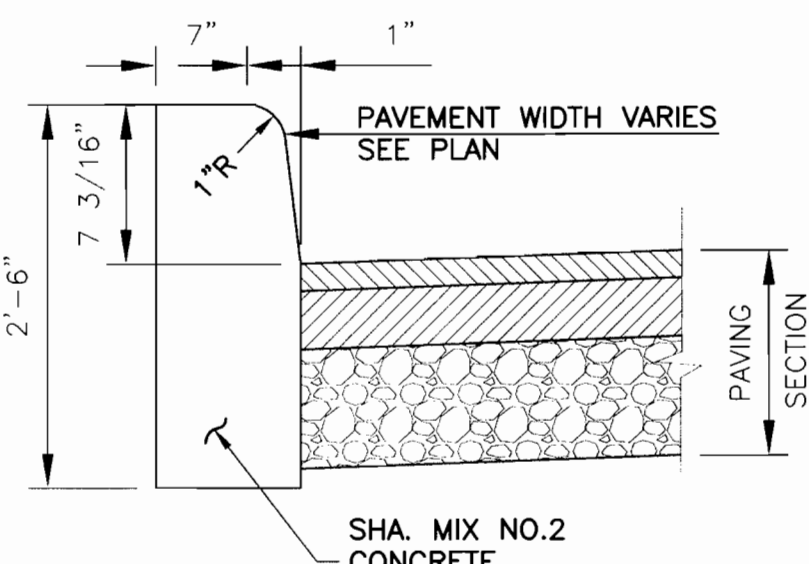
SHEET
1 OF 5

SDP-06-127

COORDINATE TABLE		
POINT	NORTHING	EASTING
1	530,707.3980	1,365,760.4010
2	530,724.3358	1,365,763.4004
3	530,795.7941	1,365,763.4004
4	530,805.7355	1,365,760.9629
5	530,834.5868	1,365,760.9629
6	530,832.7462	1,365,676.7493
7	530,893.5702	1,365,735.0825
BM #1	530,646.6321	1,365,748.5342
BM #2	530,858.2299	1,365,796.9376



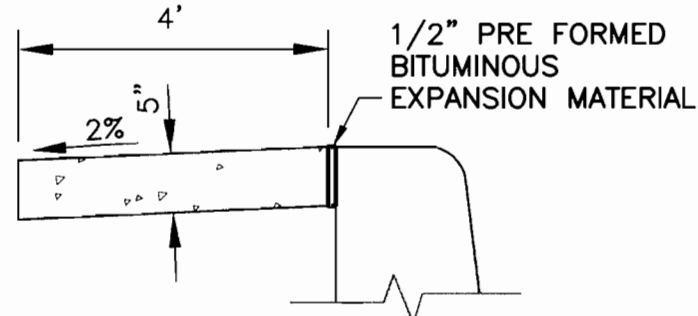
STOP SIGN DETAIL
NTS



MODIFIED BARRIER CURB
NTS

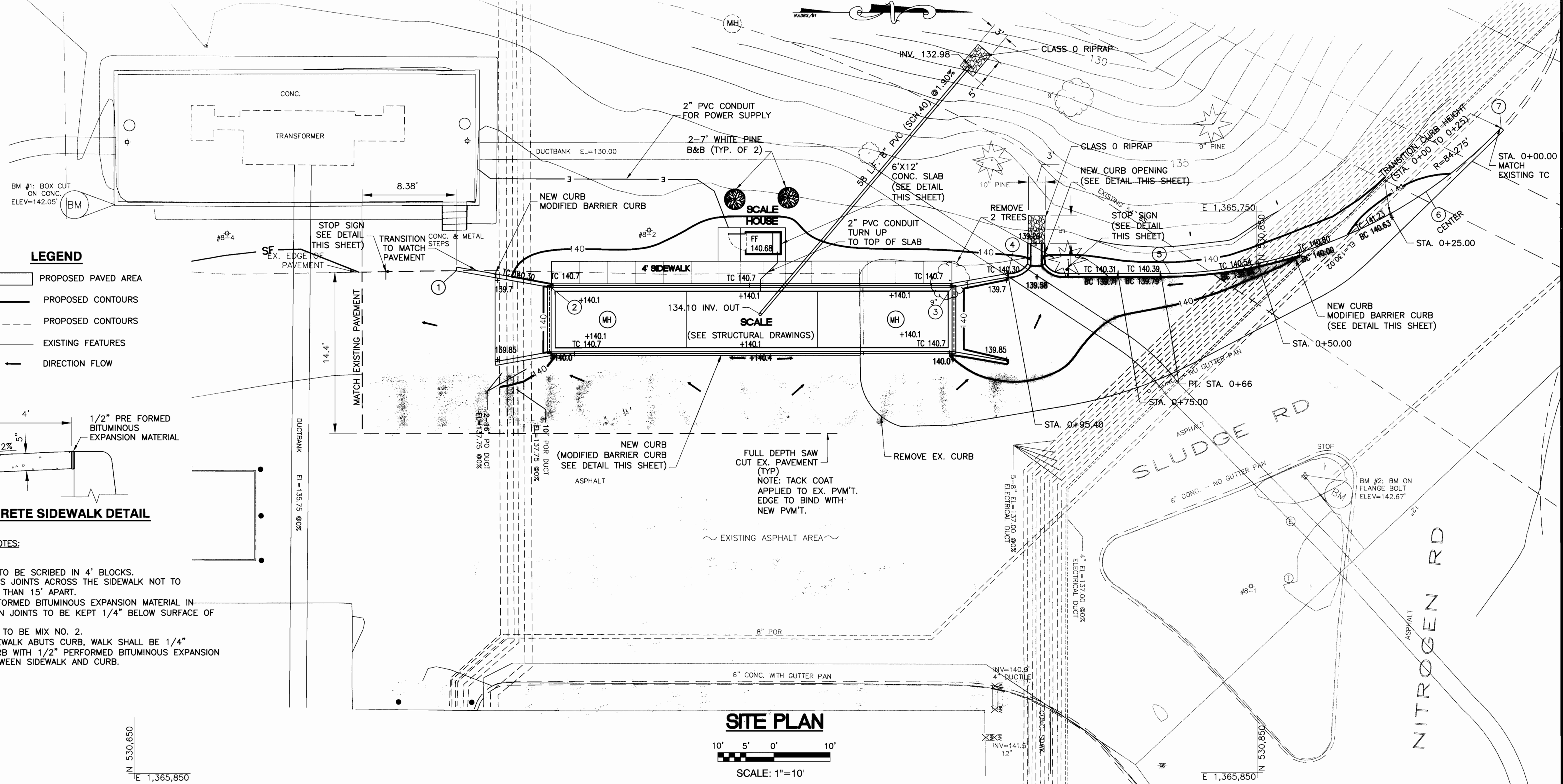
LEGEND

- PROPOSED PAVED AREA
- PROPOSED CONTOURS
- EXISTING FEATURES
- DIRECTION FLOW

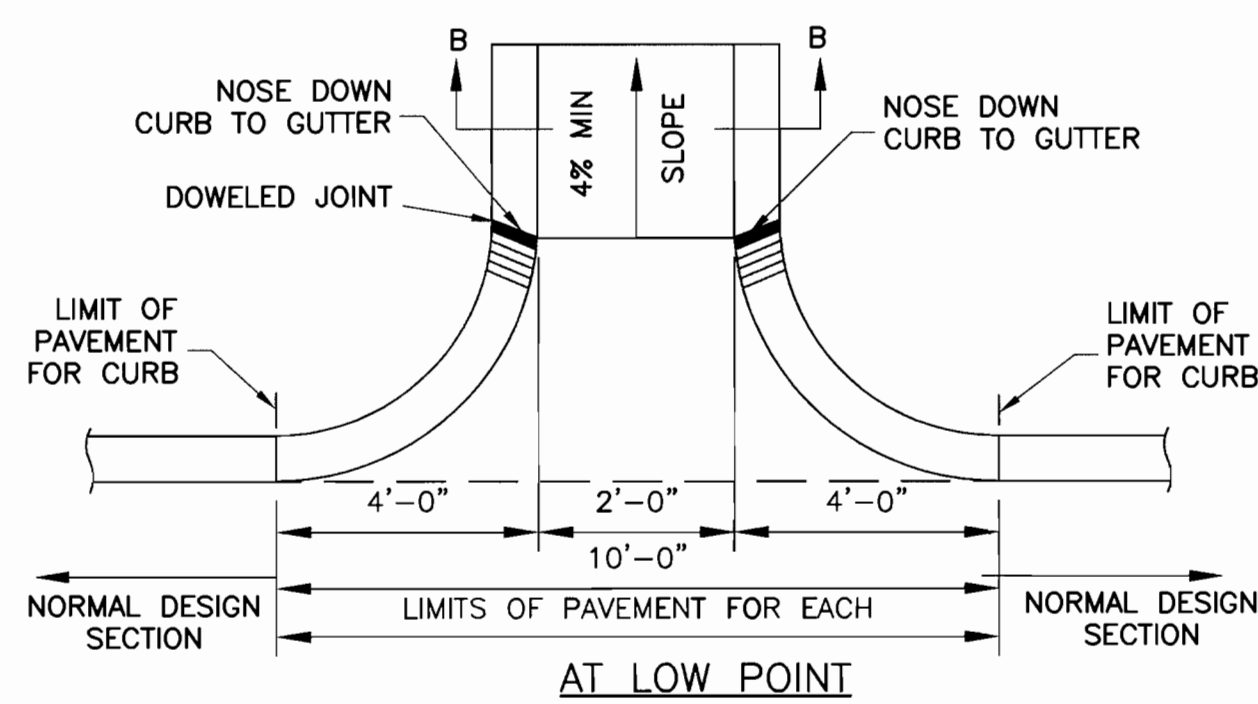
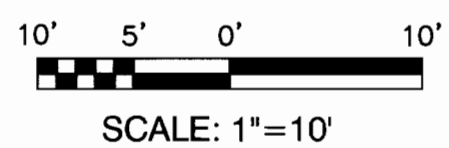


CONCRETE SIDEWALK DETAIL
NTS

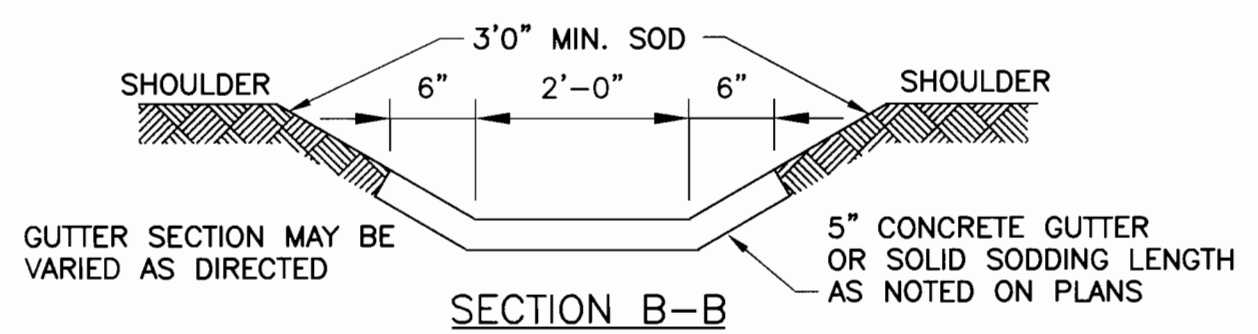
- NOTES:**
- SIDEWALK TO BE SCRIBED IN 4' BLOCKS.
 - EXPANSIONS JOINTS ACROSS THE SIDEWALK NOT TO BE MORE THAN 15' APART.
 - 1/2" PERFORMED BITUMINOUS EXPANSION MATERIAL IN EXPANSION JOINTS TO BE KEPT 1/4" BELOW SURFACE OF SIDEWALK.
 - CONCRETE TO BE MIX NO. 2.
 - WHEN SIDEWALK ABUTS CURB, WALK SHALL BE 1/4" ABOVE CURB WITH 1/2" PERFORMED BITUMINOUS EXPANSION MATERIAL BETWEEN SIDEWALK AND CURB.



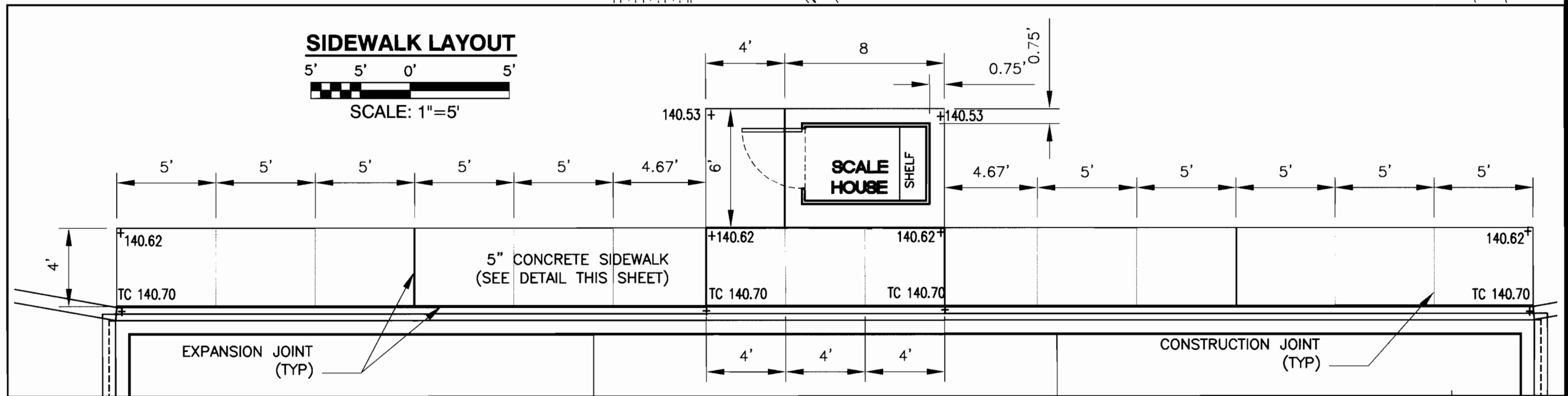
SITE PLAN



CURB OPENING DETAIL
NTS

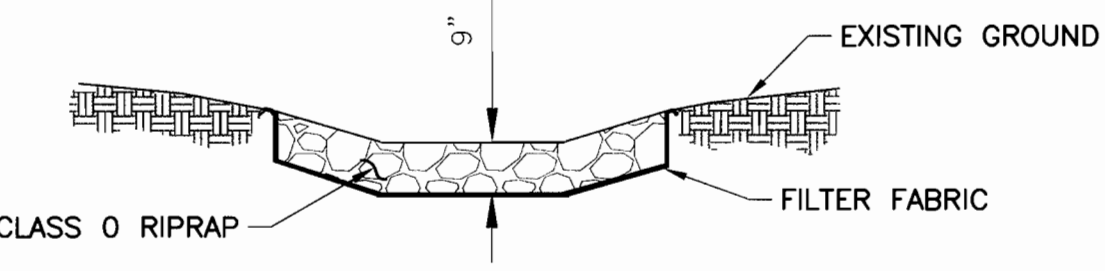


SECTION B-B
NTS

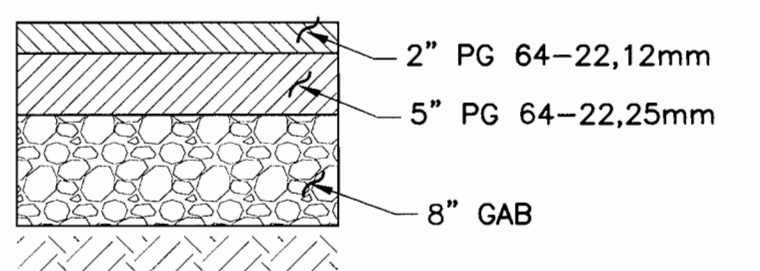


SIDEWALK LAYOUT

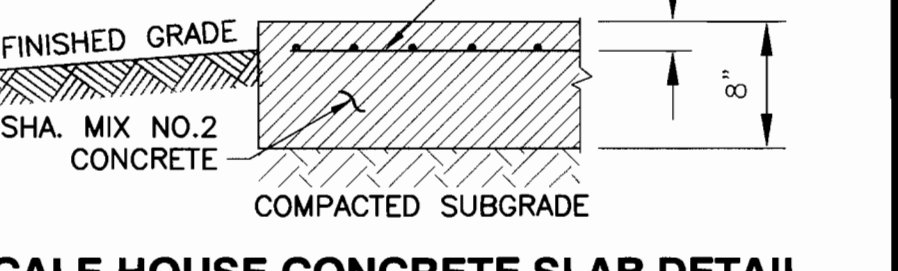
SIDEWALK LAYOUT
SCALE: 1"=5'



RIPRAP DETAIL
NTS



PAVEMENT SECTION
NTS



SCALE HOUSE CONCRETE SLAB DETAIL
NTS

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 6/16/06
Chief, Development Engineering Division

[Signature] 6/19/06
Chief, Division of Land Development

[Signature] 6/21/06
Director

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 6/5/06
DIRECTOR OF PUBLIC WORKS

[Signature] 6-5-06
CHIEF, BUREAU OF UTILITIES

[Signature] 6/5/06
CHIEF, BUREAU OF ENGINEERING

[Signature] 6-5-06
CHIEF, UTILITY DESIGN DIVISION

Dewberry
Dewberry & Davis LLC
3120 LORD BALTIMORE DRIVE
SUITE 211
BALTIMORE, MD 21244-2662
PHONE: 410.265.9500
FAX: 410.265.8875



DES:	JP/CTM			
DRN:	JP/CTM			
CHK:	RHB			
DATE:	6/5/06	BY:	NO.	
		REVISIONS		DATE

SITE PLAN

OWNER:
DEPT. OF PUBLIC WORKS
BUREAU OF UTILITIES-
L.P.W.R.P.
8900 Greenwood Place
Savage, MD 20763
Tel. (410) 880-5822

TRUCK SCALE
LITTLE PATUXENT
WATER RECLAMATION PLANT

CONTRACT NO. 24-4369
ELECTION DISTRICT NO. 6

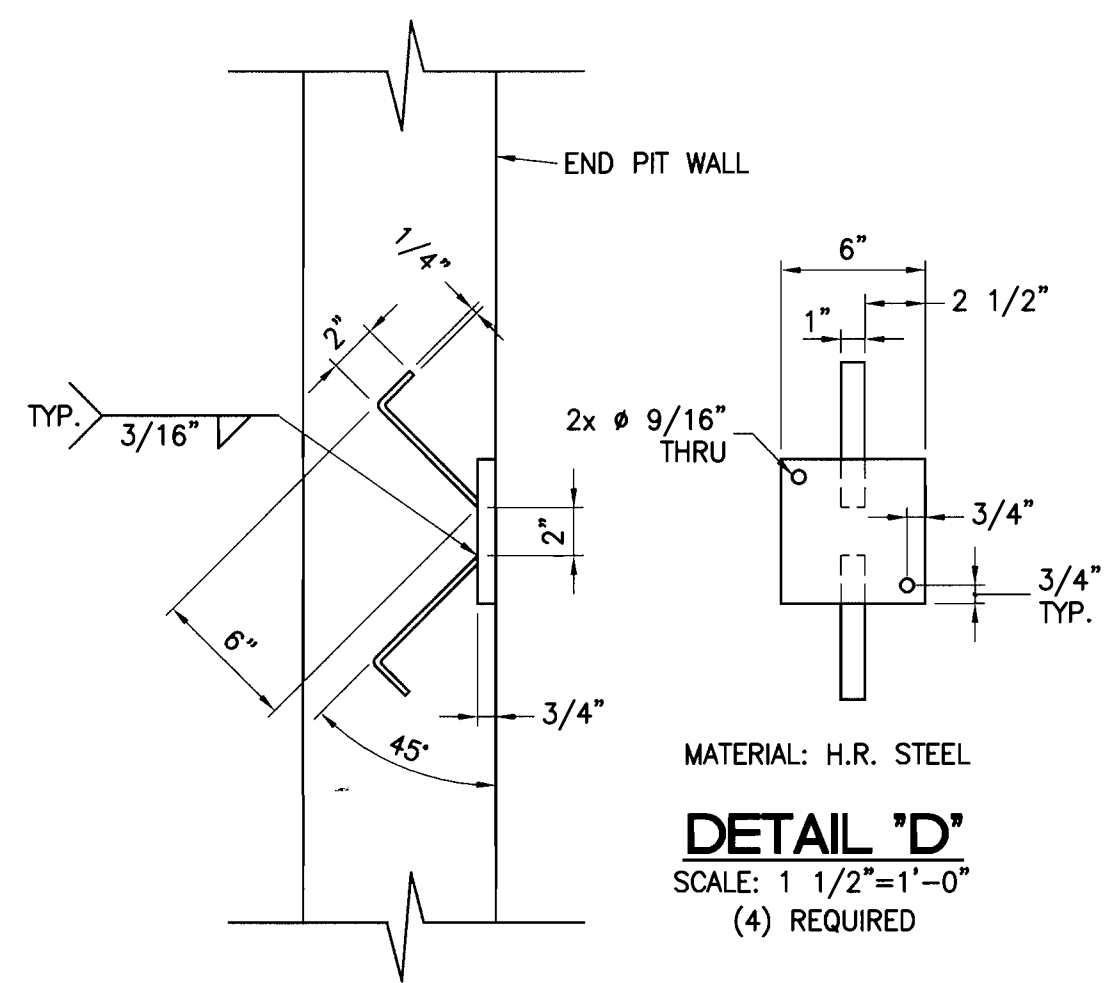
DEED: 5454/243
TAX MAP: 47 GRID 24 PARCEL 200

CAPITAL PROJECT NO. W-8800
HOWARD COUNTY, MARYLAND.

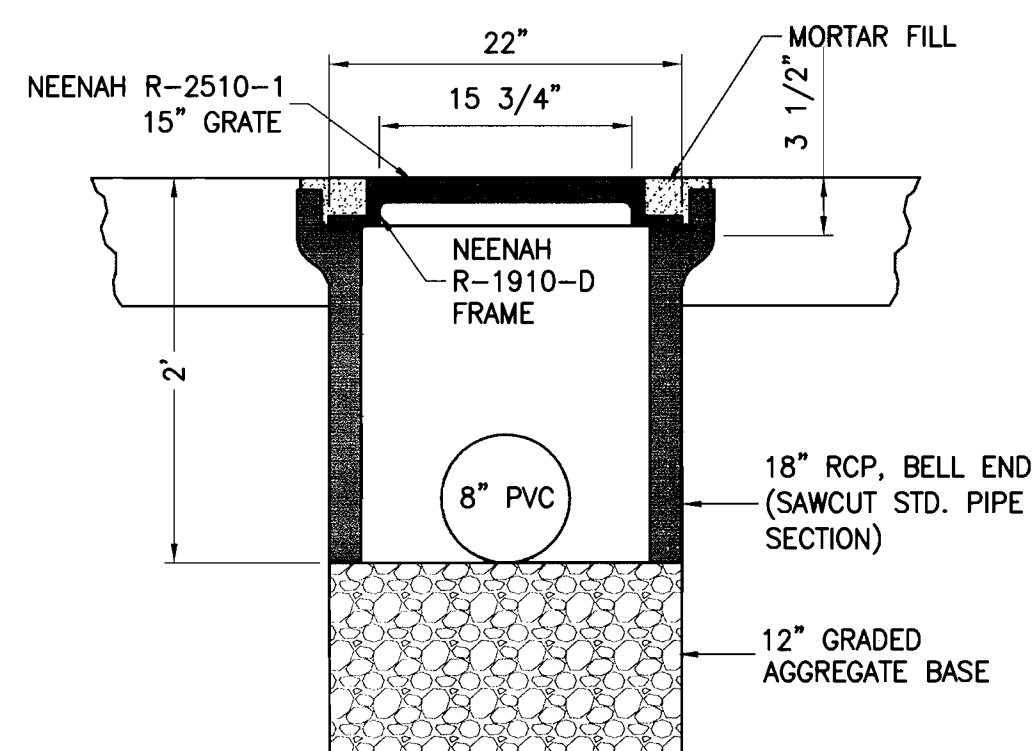
SCALE:
NOTED

SHEET
2 OF 5

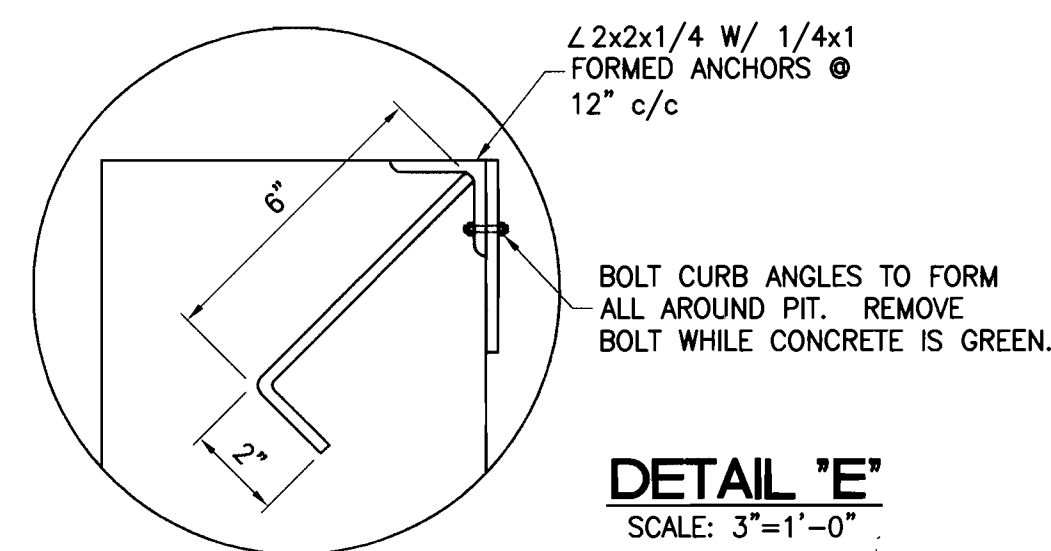
SDP-06-127



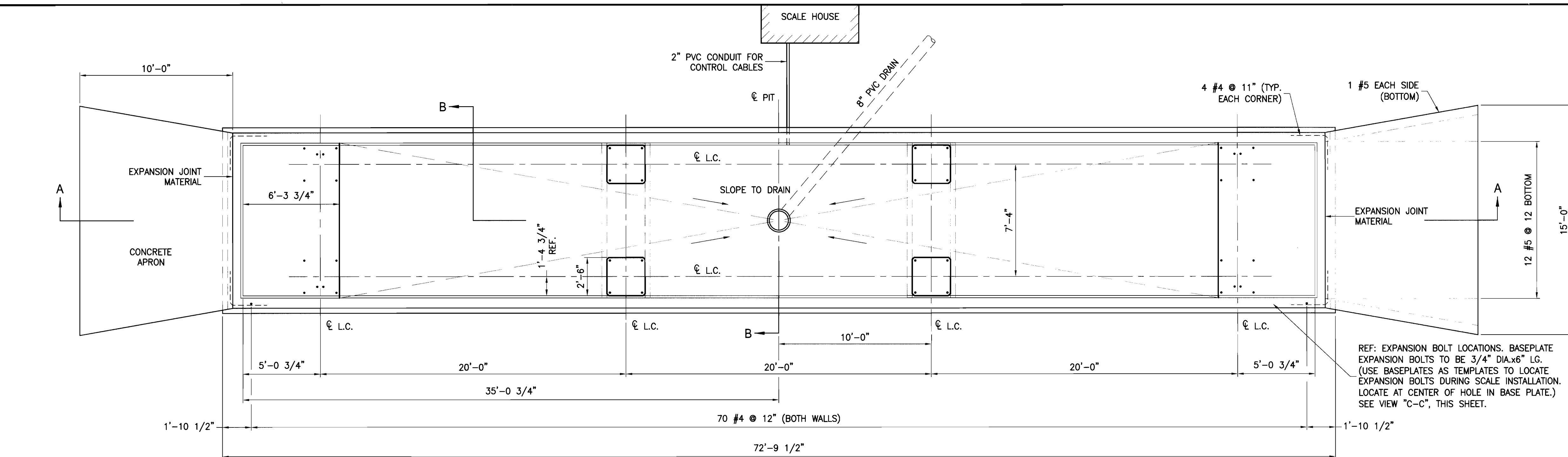
DETAIL 'D'
SCALE: 1 1/2"=1'-0"
(4) REQUIRED



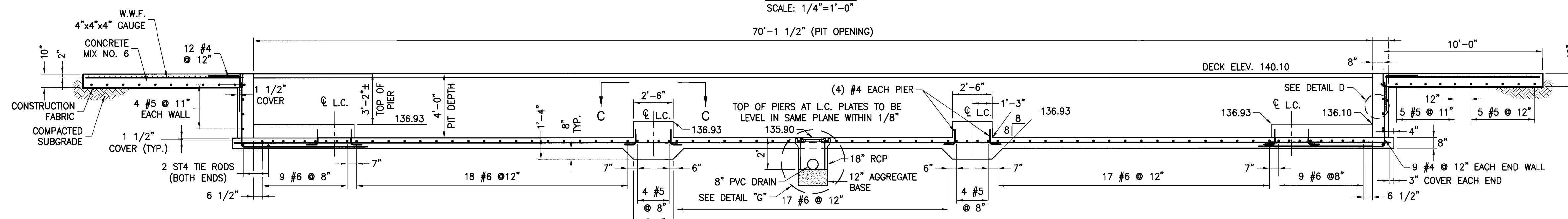
DETAIL 'G'
SCALE FOUNDATION PIT DRAIN
SCALE: 1"=1'-0"



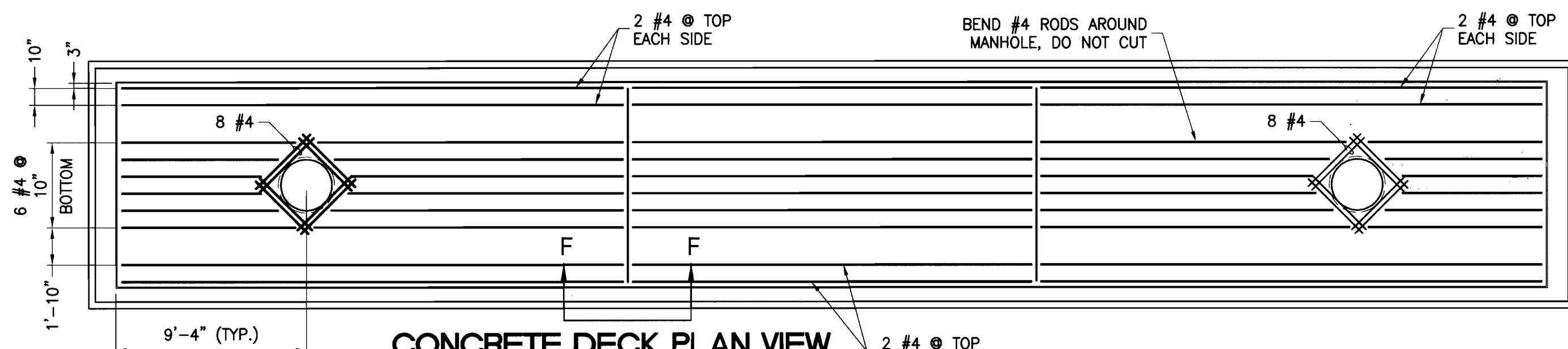
DETAIL 'E'
SCALE: 3"=1'-0"



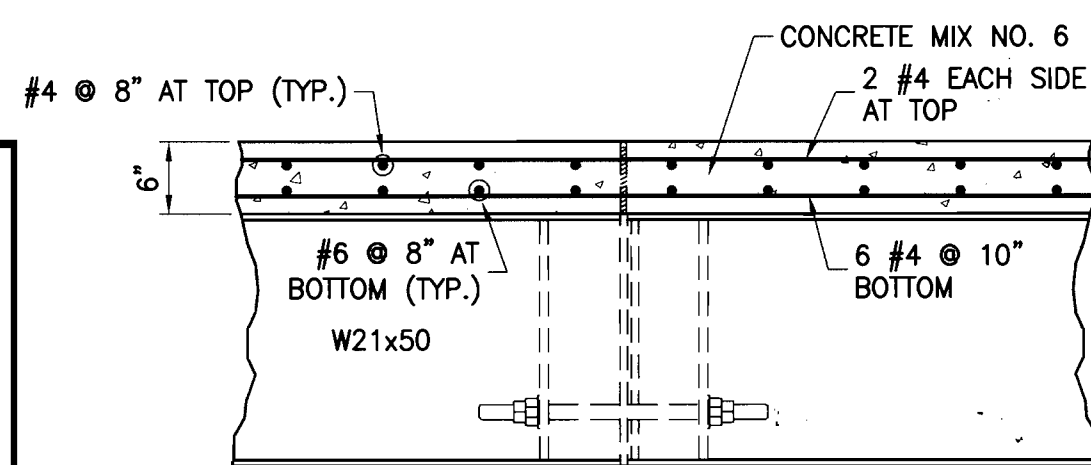
PLAN VIEW
SCALE: 1/4"=1'-0"



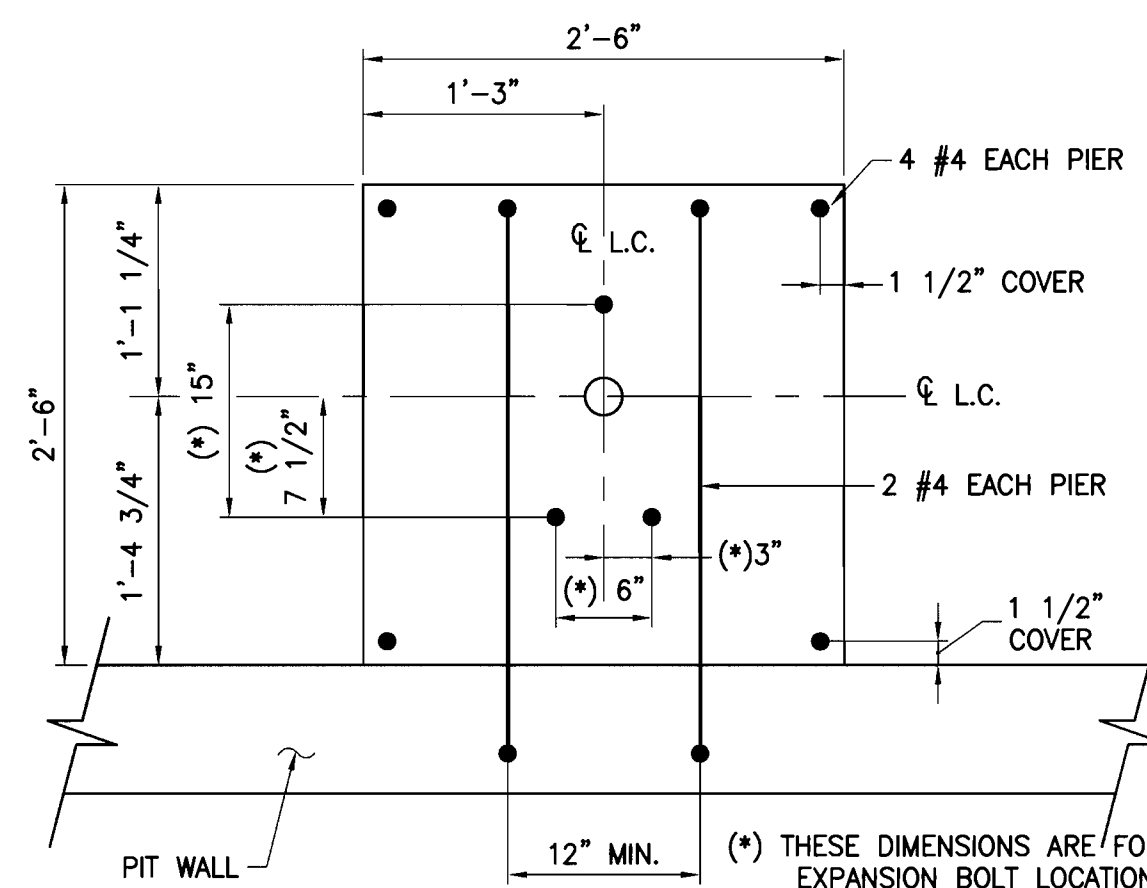
SECTION A-A
SCALE: 1/4"=1'-0"



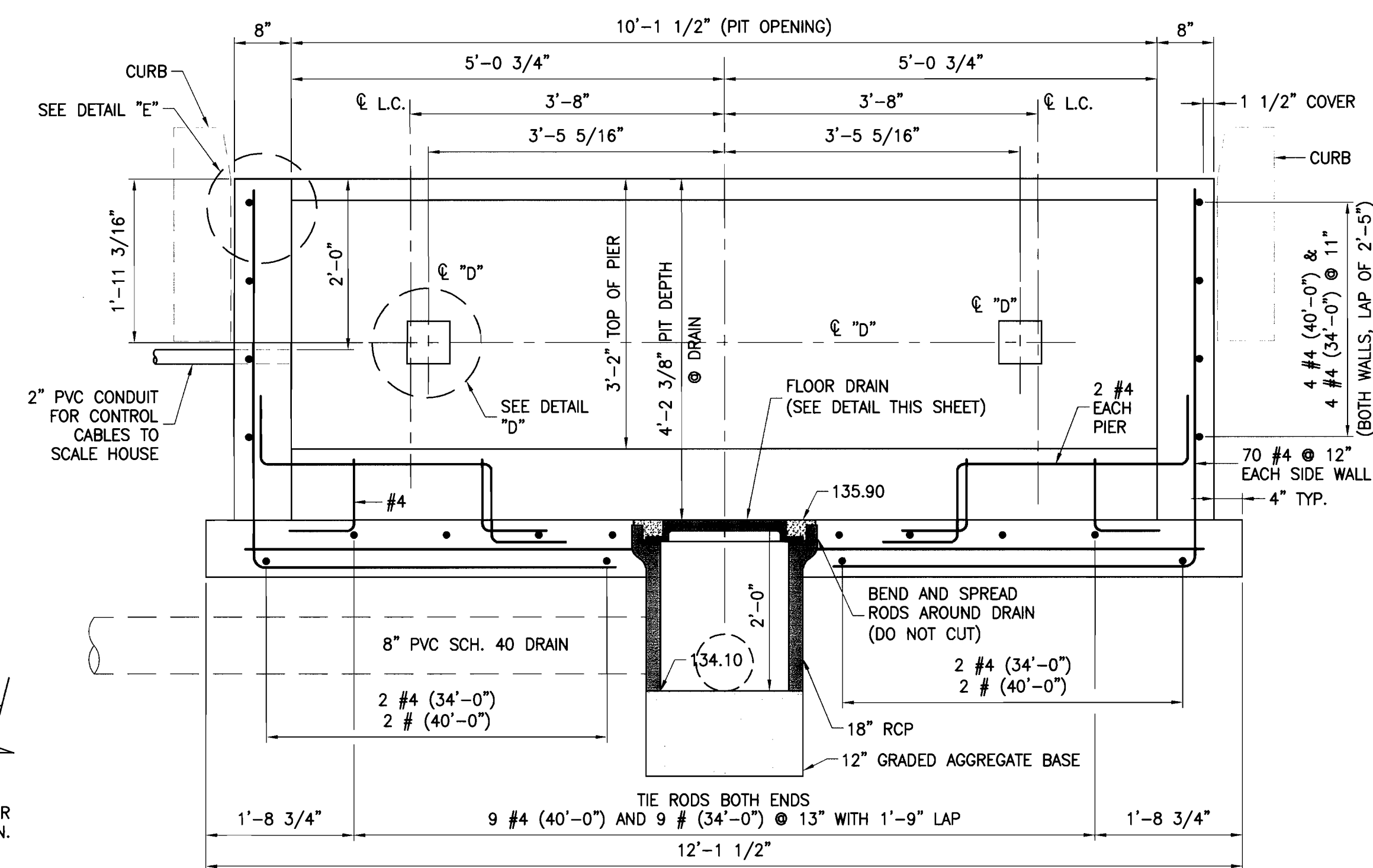
CONCRETE DECK PLAN VIEW
SCALE: 3/16"=1'-0"



CONCRETE DECK SECTION 'F-F'
SCALE: 3/4"=1'-0"



SECTION 'C-C'
(PIER PLAN VIEW)
SCALE: 1"=1'-0"



SECTION B-B
SCALE: 3/4"=1'-0"

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature]
Chief, Development Engineering Division
Date: 6/16/06

[Signature]
Chief, Division of Land Development
Date: 6/19/06

[Signature]
Director
Date: 6/21/06

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 6/5/06
DIRECTOR OF PUBLIC WORKS
DATE: 6-5-06

[Signature] 6/5/06
CHIEF, BUREAU OF ENGINEERING
DATE: 6-5-06

[Signature] 6/5/06
CHIEF, UTILITY DESIGN DIVISION
DATE: 6-5-06

Dewberry
Dewberry & Davis LLC

3120 LORD BALTIMORE DRIVE
SUITE 211
BALTIMORE, MD 21244-2662
PHONE: 410.285.9500
FAX: 410.285.9075



DES: RHB
DRN: ARW
CHK: RHB
DATE: 6/5/06

BY	NO.	REVISIONS	DATE

**STRUCTURAL
DETAILS**

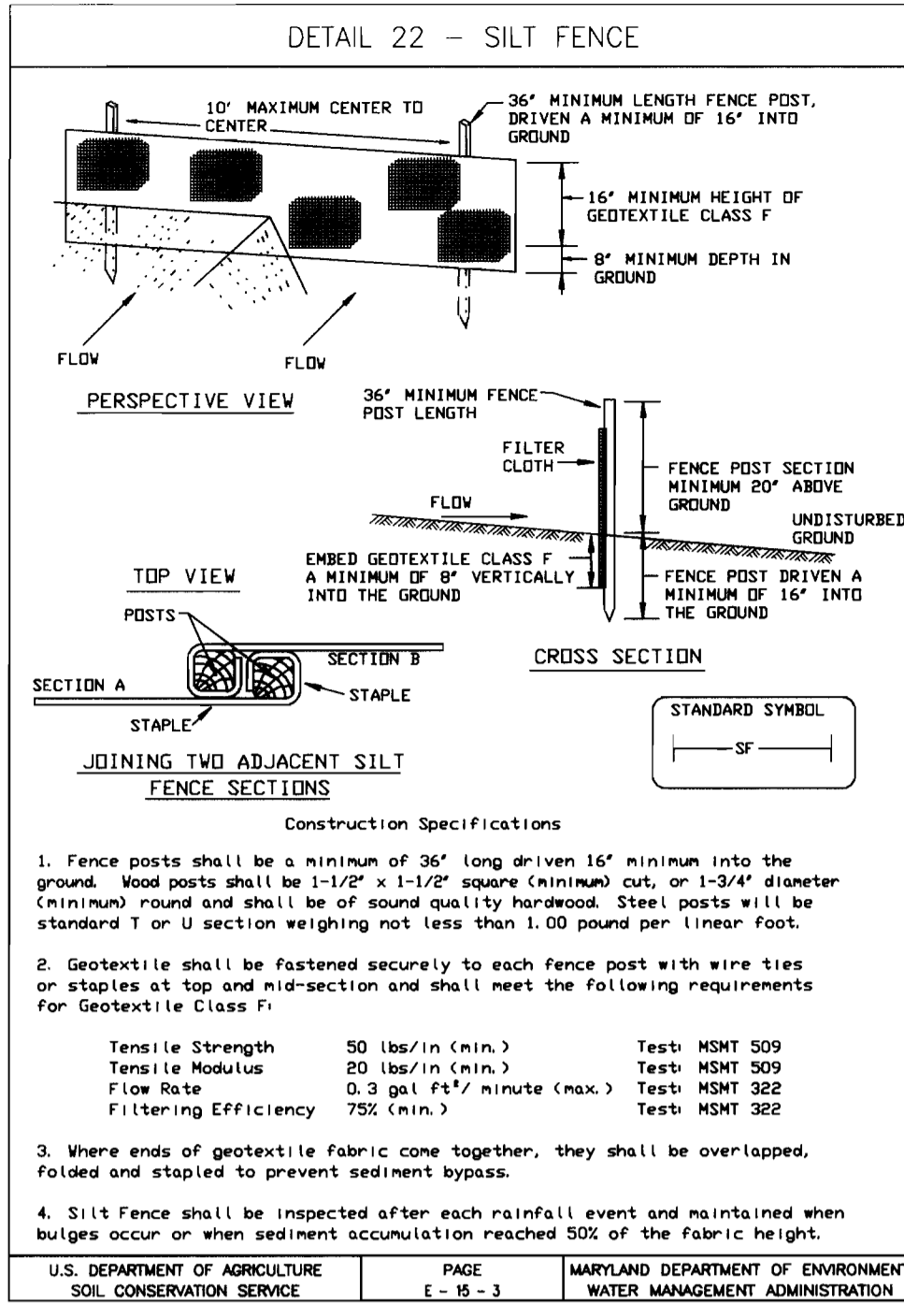
OWNER:
DEPT. OF PUBLIC WORKS
BUREAU OF UTILITIES-
L.P.W.R.P.
8900 Greenwood Place
Savage, MD 20763
Tel. (410) 880-5822
CONTRACT NO. 24-4369
ELECTION DISTRICT NO. 6

DEED: 5454/243
TAX MAP: 47 GRID 24 PARCEL 132
**TRUCK SCALE
LITTLE PATUXENT
WATER RECLAMATION PLANT**

CAPITAL PROJECT NO. W-8600
HOWARD COUNTY, MARYLAND

SCALE:
AS NOTED
SHEET
3 OF 5

SDR-06-127



SILT FENCE

Silt Fence Design Criteria

Slope Steepness	Slope Length (Maximum)	Silt Fence Length
Flatter than 50:1	unlimited	
50:1 to 10:1	125 feet	
10:1 to 5:1	100 feet	
5:1 to 3:1	60 feet	
3:1 to 2:1	40 feet	
2:1 and steeper	20 feet	

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

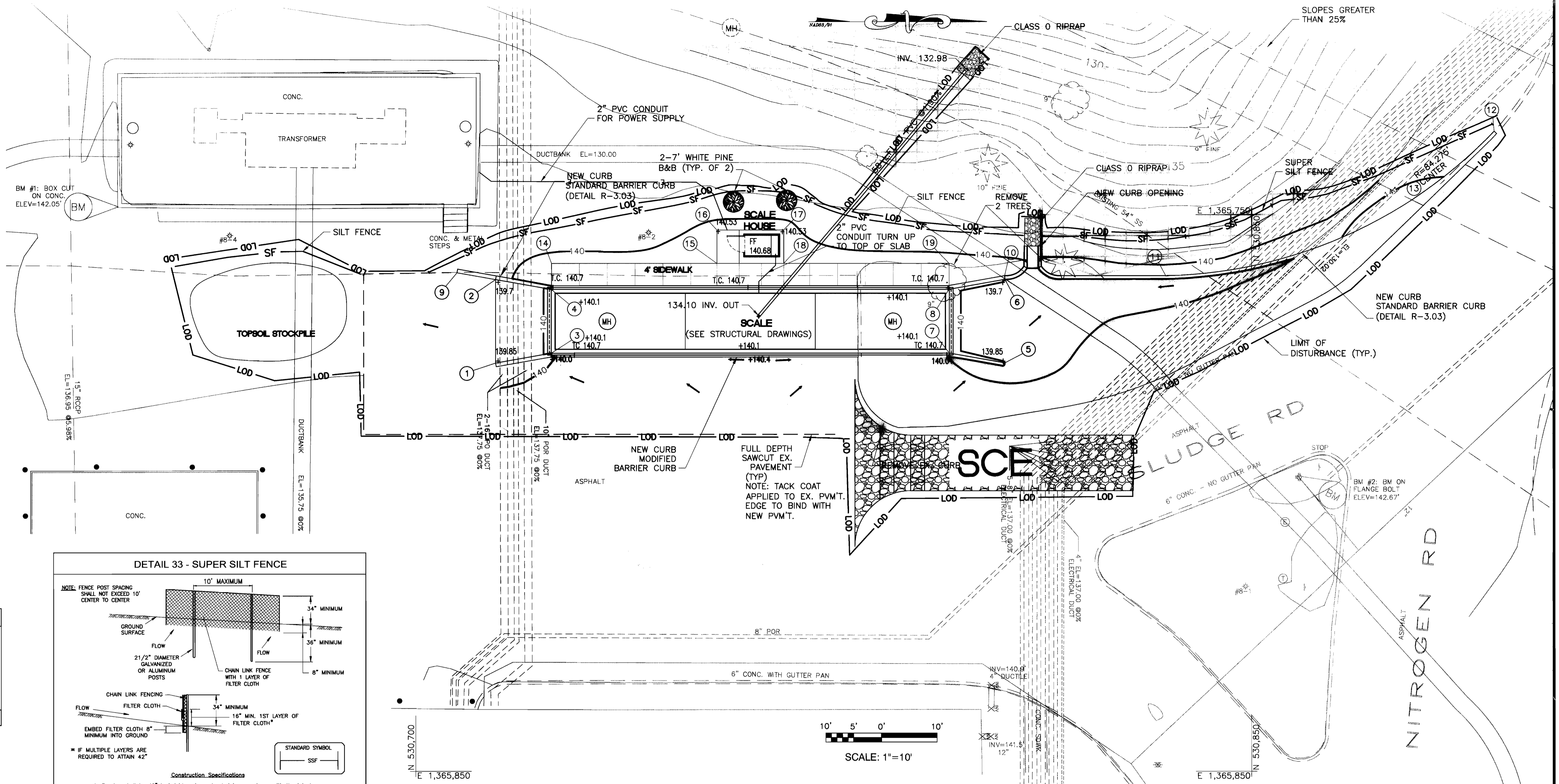
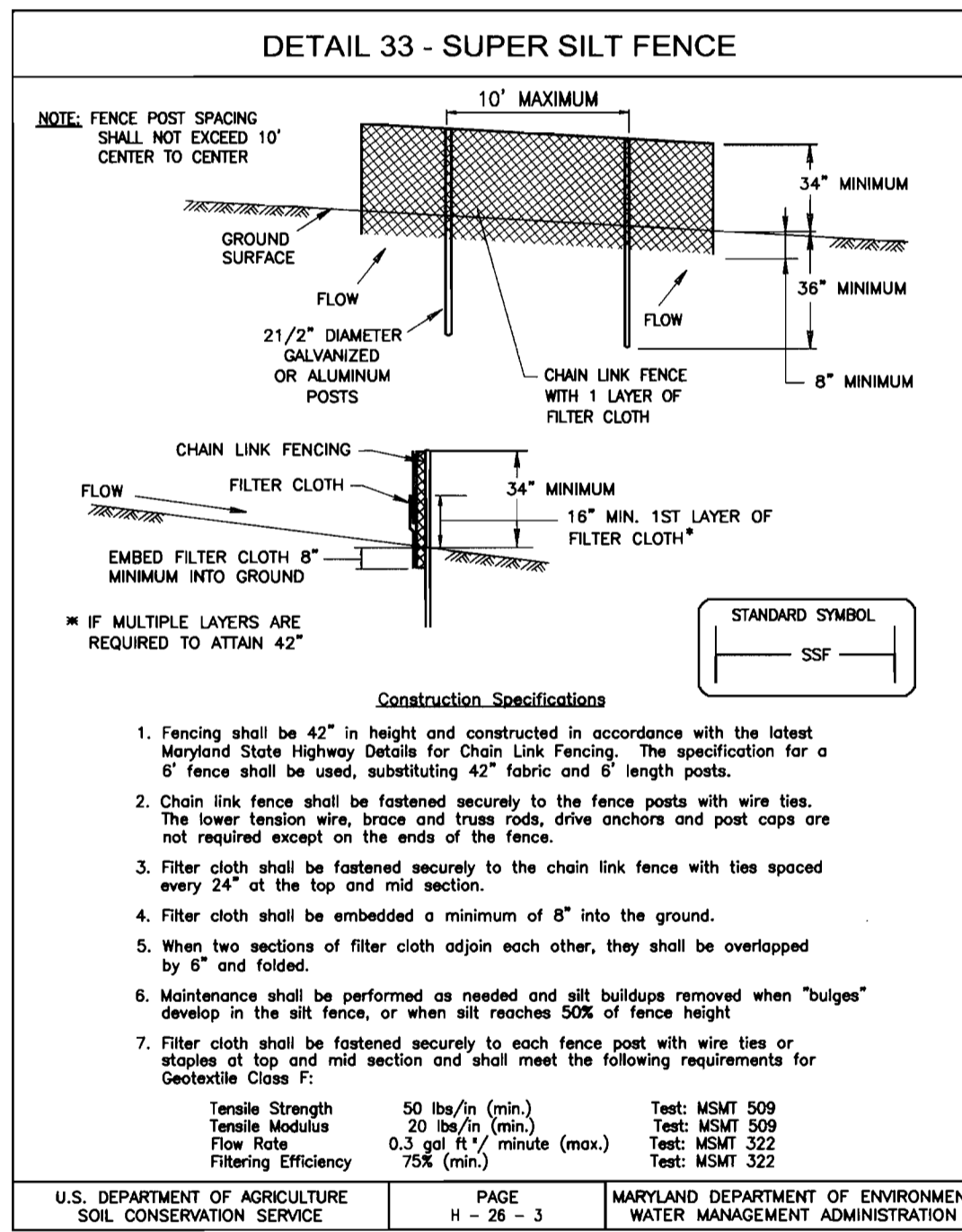
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE E-15-3A | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SUPER SILT FENCE

Design Criteria

Slope	Slope Steepness	Slope Length (Maximum)	Silt Fence Length (Maximum)
0 - 10%	0 - 10:1	unlimited	1,500 feet
10 - 20%	10:1 - 5:1	200 feet	1,000 feet
20 - 33%	5:1 - 3:1	100 feet	500 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE | PAGE H-28-3A | MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



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

Jim Myer 6/12/06
USDA-Natural Resources Conservation Service Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

Shirley S. [Signature] 6/12/06
Howard Soil Conservation District Date

- ### SEQUENCE OF CONSTRUCTION
- Pre-construction meeting: Notify the Department of Inspections and Permits (1-410-313-3800) at least 48 hours before commencing work. Work may not commence until the permits and the responsible personnel have met on site with the sediment and erosion control inspector to review the approved plans. The Contractor shall contact the Construction Inspection Division 24 hours in advance of commencement of work at (410)313-1880. (1 Day)
 - Present finalized schedule of work to the Engineer and Howard County Inspections and Permits Division. (1 Day)
 - Clear and grub those areas for installation of sediment and erosion perimeter controls. (1 Day)
 - Install sediment control devices as required and as shown on the Plans. Obtain approval from the County Sediment and Erosion Control Inspector. (1 Day)
 - Clear and grub the remainder of the site. Sawcut the pavement and remove the existing curb and pavement within the limits shown on the plans. (2 Days)
 - Excavate site for the truck scale structure. (3 Days)
 - Install 8" PVC drain and construct the truck scale structure. Install the scale facility. (2 Weeks)
 - Install the curbs and pavement as shown on the plans. Install the Scale House and the trees. (1 Week)
 - Stabilize any remaining disturbed areas as required. (1 Day)
 - Remove any remaining sediment controls after prior approval from Howard County Inspections and Permits Division. Fine grade and stabilize area formerly occupied by perimeter controls. (1 Day)

STANDARD STABILIZATION NOTE

Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen (14) days as to all other disturbed or graded areas on the project site.

SEDIMENT CONTROL CONSTRUCTION NOTES

No excavated material except for some topsoil shall be stockpiled or left on site. The Contractor shall take precautions to prevent the disturbance of existing vegetated areas to the extent possible. Any existing vegetated areas disturbed as a result of the contractor's work operations shall be stabilized within 72 hours.

The Contractor shall be responsible for obtaining all permits for his off-site stockpile areas. The Contractor shall also adequately clean all dirt and mud off the roadways by the end of each working day.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chad [Signature] 6/16/06
Chief, Development Engineering Division Date

Cindy Harris 6/19/06
Chief, Division of Land Development Date

Marsha K. [Signature] 6/21/06
Director Date

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND THESE PLANS.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

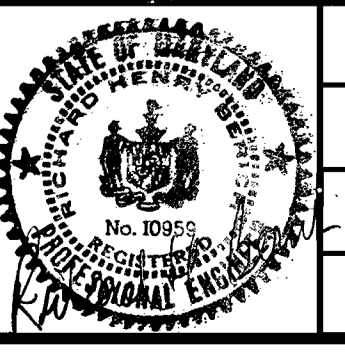
John [Signature] 6/5/06
DIRECTOR OF PUBLIC WORKS DATE

Robert [Signature] 6-5-06
CHIEF, BUREAU OF UTILITIES DATE

Robert [Signature] 6/5/06
CHIEF, BUREAU OF ENGINEERING DATE

Robert [Signature] 6-5-06
CHIEF, UTILITY DESIGN DIVISION DATE

Dewberry
Dewberry & Davis LLC
3120 LORD BALTIMORE DRIVE
SUITE 211
BALTIMORE, MD 21244-2662
PHONE: 410.265.9500
FAX: 410.265.8875



DES:	JP				
DRN:	JP				
CHK:	RHB				
DATE:	6/5/06	BY	NO.	REVISIONS	DATE

SEDIMENT CONTROL PLAN AND DETAILS

OWNER:
DEPT. OF PUBLIC WORKS
BUREAU OF UTILITIES-
L.P.W.R.P.
8900 Greenwood Place
Savage, MD 20763
Tel. (410) 880-5822
CONTRACT NO. 24-4369
ELECTION DISTRICT NO. 6

DEED: 5454/243
TAX MAP: 47 GRID 24 PARCEL 200

**TRUCK SCALE
LITTLE PATUXENT
WATER RECLAMATION PLANT**

CAPITAL PROJECT NO. W-8600
HOWARD COUNTY, MARYLAND

SCALE:
NOTED

SHEET
4 OF 5

SDP-06-127

