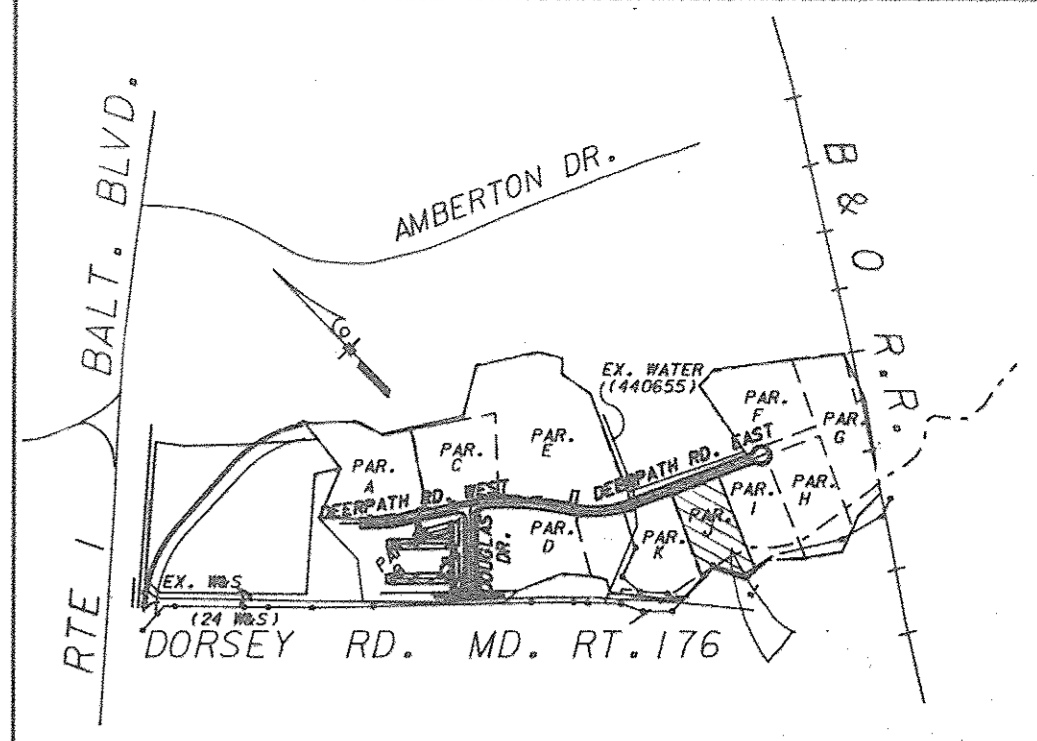


- Proposed Building Setbacks
- Existing Contours
- Proposed Contours
- Proposed Sanitary Line
- Proposed Storm Drainage Line
- Proposed Water Line
- Proposed Fire Hydrant
- Proposed Inlet
- Proposed Dumpster and Dumpster Pad
- Transformer Pad
- Reverse Curb and Gutter
- LANDSCAPED ISLAND



VICINITY MAP SCALE: 1" = 1000'

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

John B. ... 12-19-89
COUNTY HEALTH OFFICER # DATE

APPROVED: FOR PUBLIC WATER/PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS & PUBLIC ROADS
HOWARD CO. DEPT. OF PUBLIC WORKS

James J. ... 12/13/89
DIRECTOR DATE

Richard B. ... 12-18-89
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY DEPT. OF
PLANNING & ZONING

Richard B. ... 12/27/89
PLANNING DIRECTOR DATE

Richard B. ... 12/28/89
CHIEF, DIV. OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND

DATE: _____



Professional Certification
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 39966, expiration date: 11/17/2019



BEFORE BEGINNING CONSTRUCTION, CONTACT MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION

ADDRESS CHART		SUBDIVISION NAME		SECT. AREA	LOT/PARCEL
LOT NUMBER	STREET ADDRESS	DORSEY BUSINESS CENTER		SECT. 1	PARCEL J
PARCEL U	6845 DEERPATH ROAD	PLAT NO. OR L/P/BLOCK NO.	ZONE	TAX/ZONE MAP	ELEC. DIST. CENSUS TR.
		9016	6	TOD 43	1 6012
WATER CODE		SEWER CODE			
C04		2280000			

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
6797 DORSEY ROAD
BALTIMORE, MD. 21227
PH. 796-3223

No.	REVISION	DATE	BY
1	RELOCATE ADA SPACES TO NEW MAIN ENTS.	06/30/17	JS/DR
2	PROPOSED SECURE COMMUNICATION CABLES	7-27-04	LDE
3	RELOCATED HANDICAPPED SPACE TO NORTH ENTR	12/12/10	KFM
4	ADDED FLOWLINE SWALE	12/12/10	KFM
5	ADDITION OF 2 HANDICAPPED SPACES AT NORTH ENTR	12/12/10	KFM
6	REVISED BLDG. FOOTPRINT	10/30/10	KRM

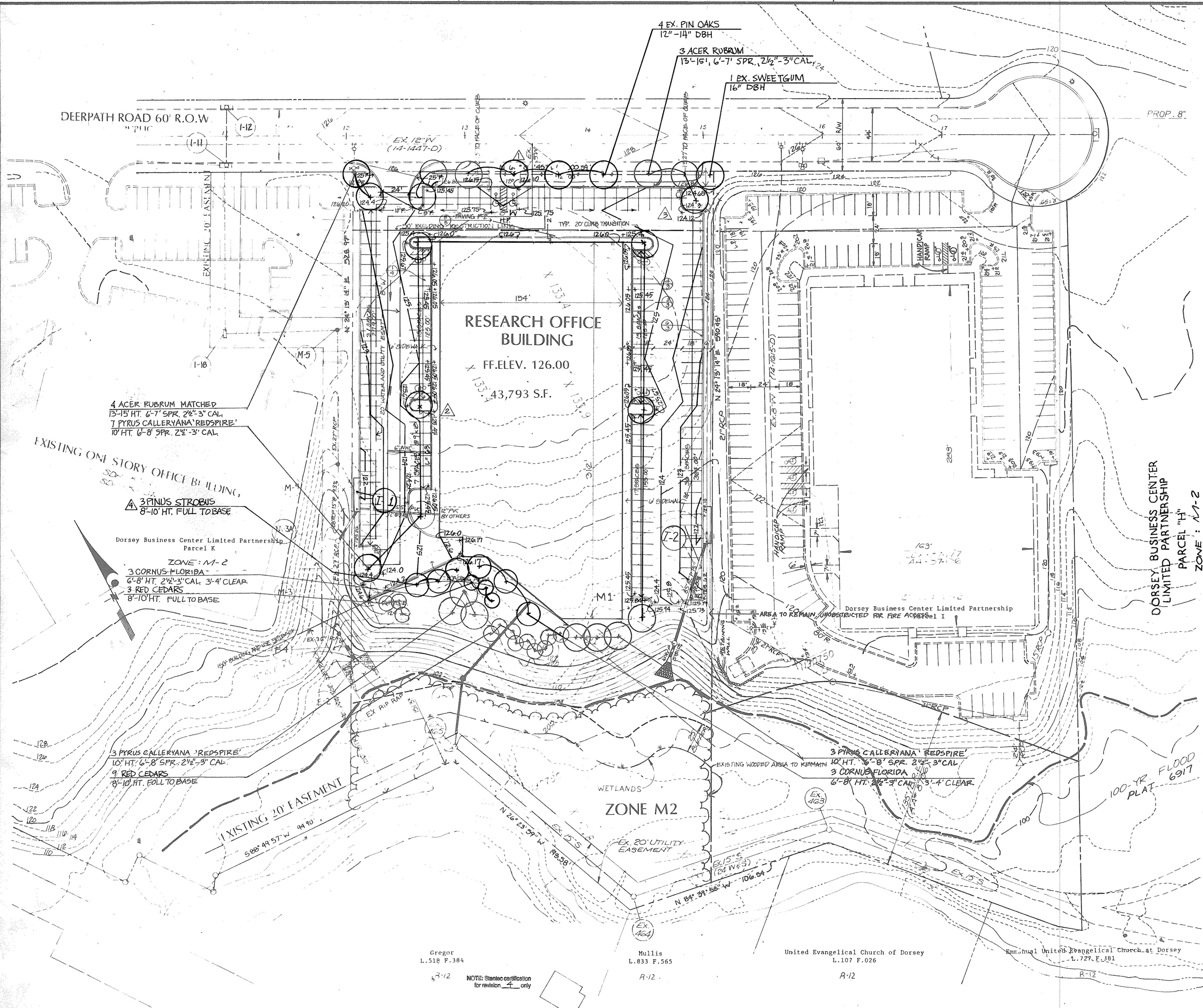
ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS

GREENHORNE & O'MARA, INC.
113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
(301) 296-4100

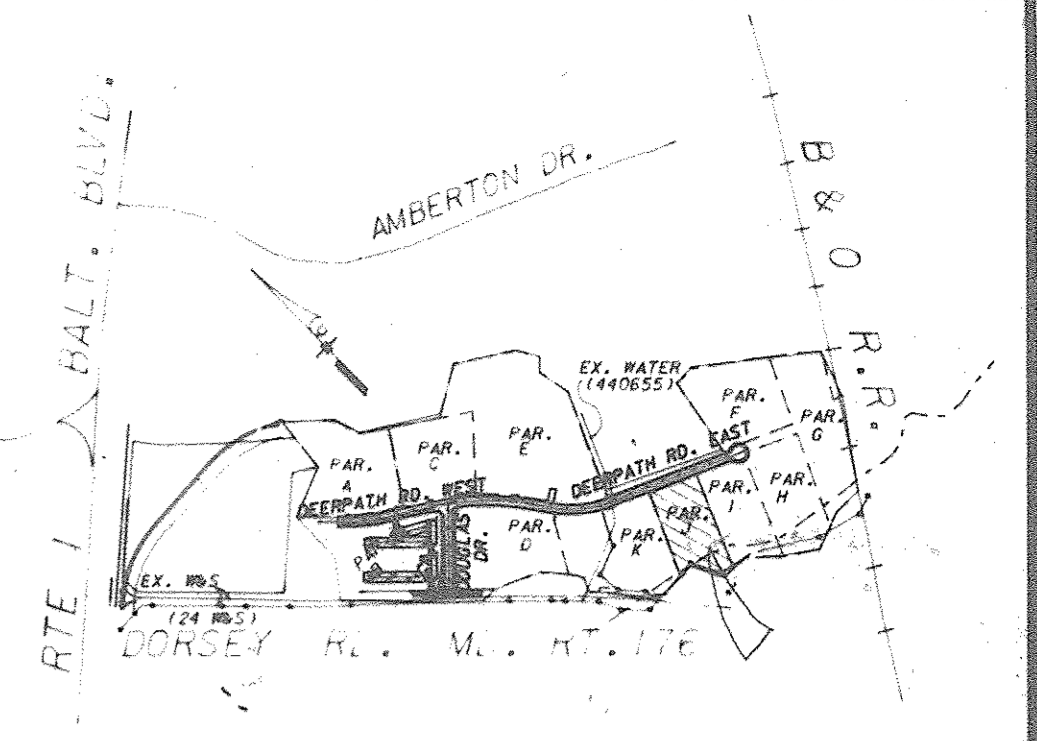
ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • DULUTH, GA • EXPORT, PA • FAIRFAX, VA • GREENBELT, MD
LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

REVISED SITE DEVELOPEMENT PLAN
DORSEY BUSINESS CENTER
PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
SECTION 1 PARCEL J
FIRST ELECTION DISTRICT - HOWARD CO., MARYLAND

J.L.G. DESIGN	SCALE 1" = 40'
J.L.G. DRAWN	2 OF 11
R.H.M. CHECKED	
MAY 89 DATE	SHEET
JOB No.	B-1132-X
FILE No.	SDP-89-255



- Proposed Building Setbacks
- Existing Contours
- Proposed Contours
- Proposed Sanitary Line
- Proposed Storm Drainage Line
- Proposed Water Line
- Proposed Fire Hydrant
- Proposed Inlet
- Proposed Dumpster and Dumpster Pad
- Transformer Pad
- Reverse Curb and Gutter
- EXISTING 250 WATT MERCURY STREET LIGHT



VICINITY MAP SCALE: 1" = 1000'

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

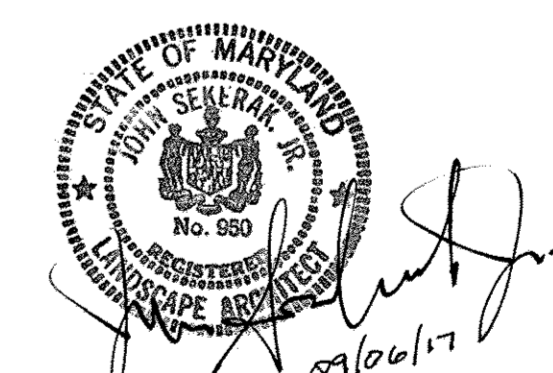
John Boylan 12/19/89
COUNTY HEALTH OFFICER # DATE

APPROVED: FOR PUBLIC WATER/PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS & HIGHWAYS
HOWARD COUNTY DEPT. OF PUBLIC WORKS
James J. ... 12/13/89
CHIEF, DIVISION OF ENGINEERING # DATE

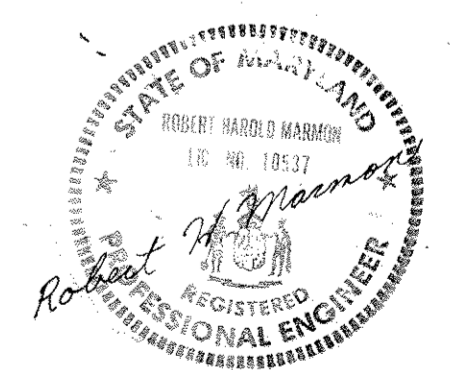
APPROVED: HOWARD COUNTY DEPT. OF
PLANNING & ZONING
Richard Blood 12/27/89
CHIEF, DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT # DATE

APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND

QUANTITY	BOTANICAL NAME/COMMON NAME	HEIGHT	SPREAD	CLEAR TRUNK	MINIMUM CALIPER	REMARKS
TREES						
12	Acer rubrum/Red Maple	13'-15'	6'-7'	6"	2 1/2"-3"	Matched, full grown
13	Pyrus calleryana 'Redspire'/ Redspire Pear	10'	6'-8'	3"	2 1/2"-3"	Matched, full grown
SHRUBS						
6	Cornus florida/Flowering Dogwood	6'-8'	N/A	3'-4"	2 1/2"-3"	B/B
EVERGREENS						
15	Pinus strobus/White Pine	8'-10'	4'-5'	N/A	N/A	B/B Full to Base



Professional Certification
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed landscape architect under the laws of the State of Maryland, license no. 950, expiration date: 4/19/2018

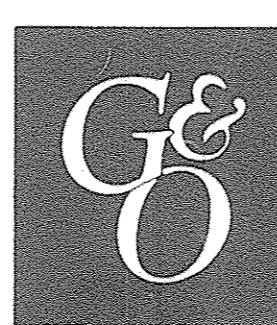


BEFORE BEGINNING CONSTRUCTION, CONTACT MISS UTILITY AT 1-800-252-7777 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION

ADDRESS CHART		SUBDIVISION NAME	SECT. AREA	LOT/PARCEL
LOT NUMBER	STREET ADDRESS	DORSEY BUSINESS CENTER	SECT. 1	PARCEL J
PARCEL U	6845 DEERPATH ROAD	9016	6	TOD 43 / 6012
WATER CODE		SEWER CODE		
CO4		2280000		

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
6797 DORSEY ROAD
BALTIMORE, MD. 21227
PH. 796-3223

No.	REVISION	DATE	BY
1	UPDATED PLANTINGS FOR COMPLIANCE	06/26/17	JS/BK
2	CREATE FLOWLINE SWALE	12/12/19	KFM
3	ADDITION OF 2 HANDICAPPED SPACES TO NORTH ENTR.	12/12/19	KFM
4	RELOCATE HANDICAPPED SPACE TO NORTH ENTR.	12/12/19	KFM

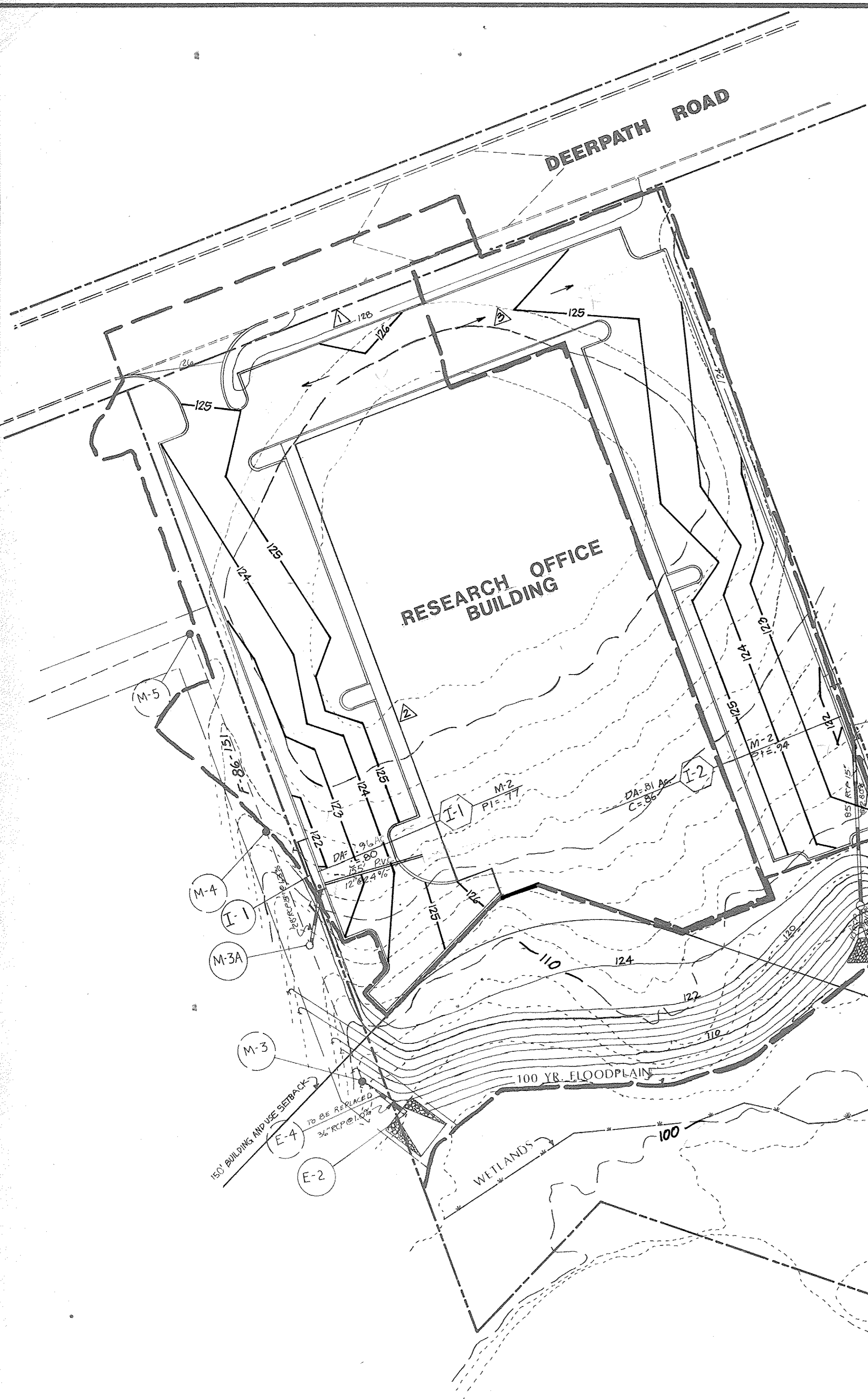


ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
(301) 296-4100
ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPPER, VA • DULUTH, GA • EXPORT, PA • FAIRFAX, VA • GREENBELT, MD
LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

PLANTING PLAN
DORSEY BUSINESS CENTER
PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
SECTION 1 PARCEL J
FIRST ELECTION DISTRICT - HOWARD CO., MARYLAND

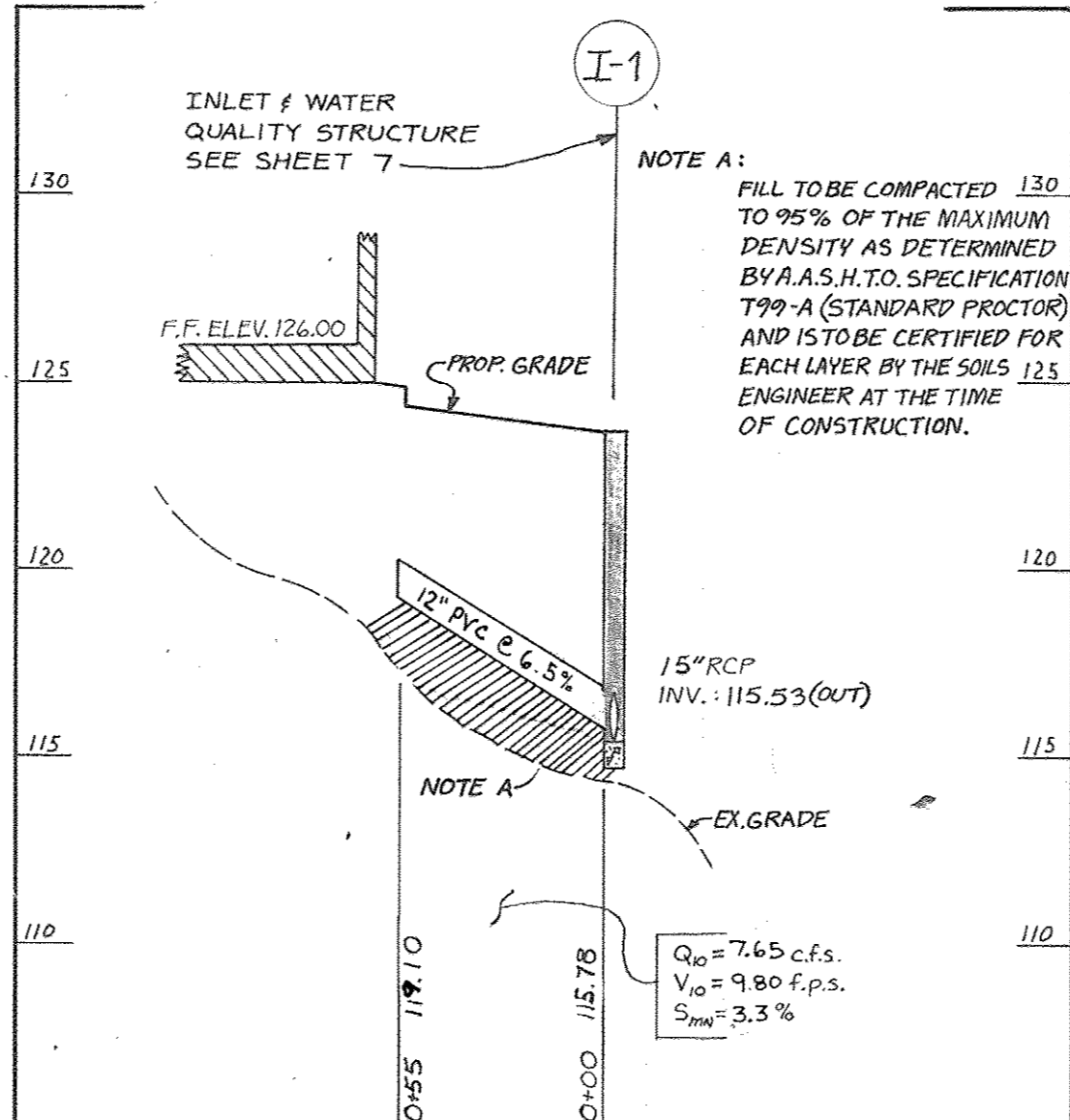
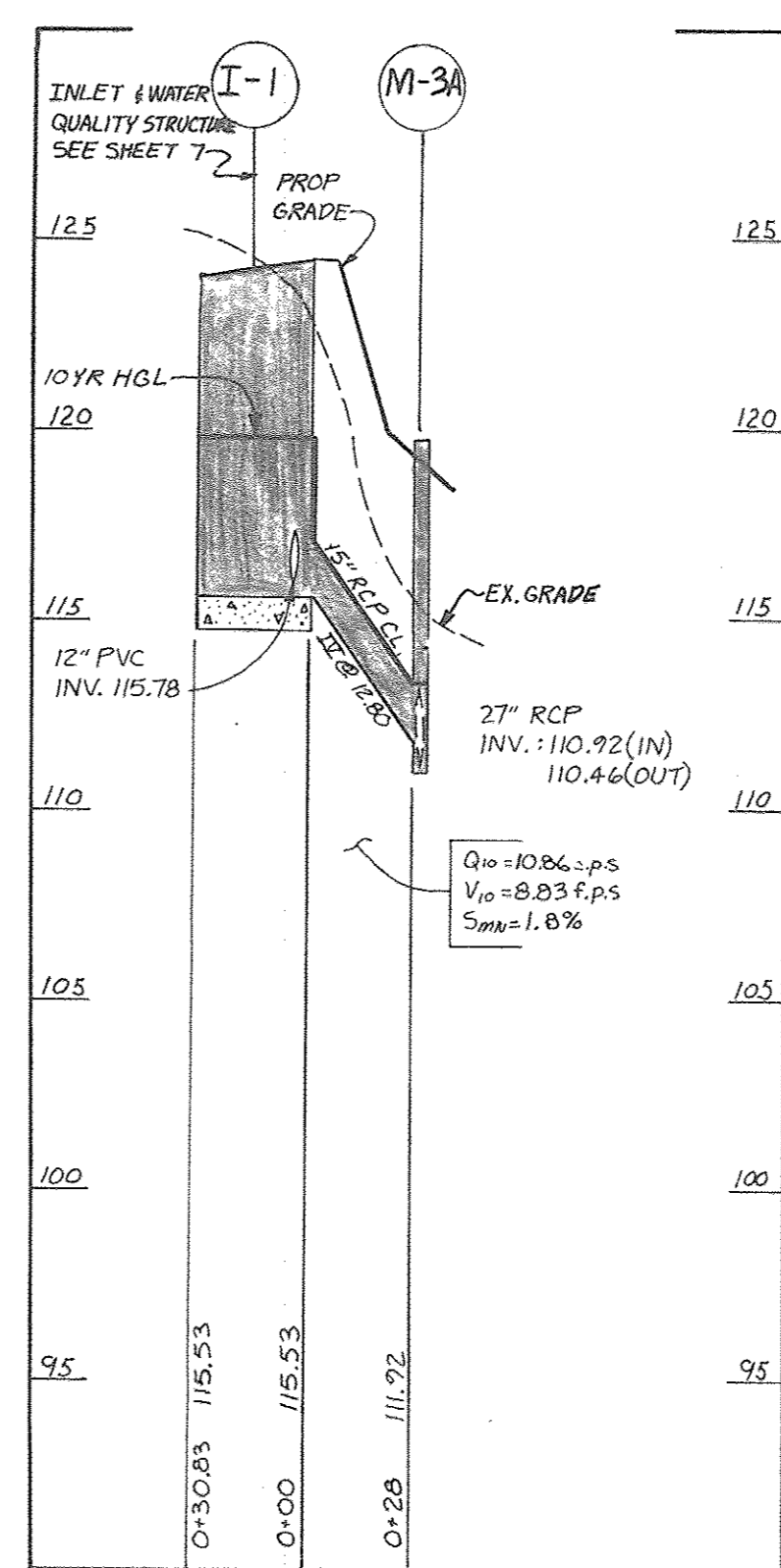
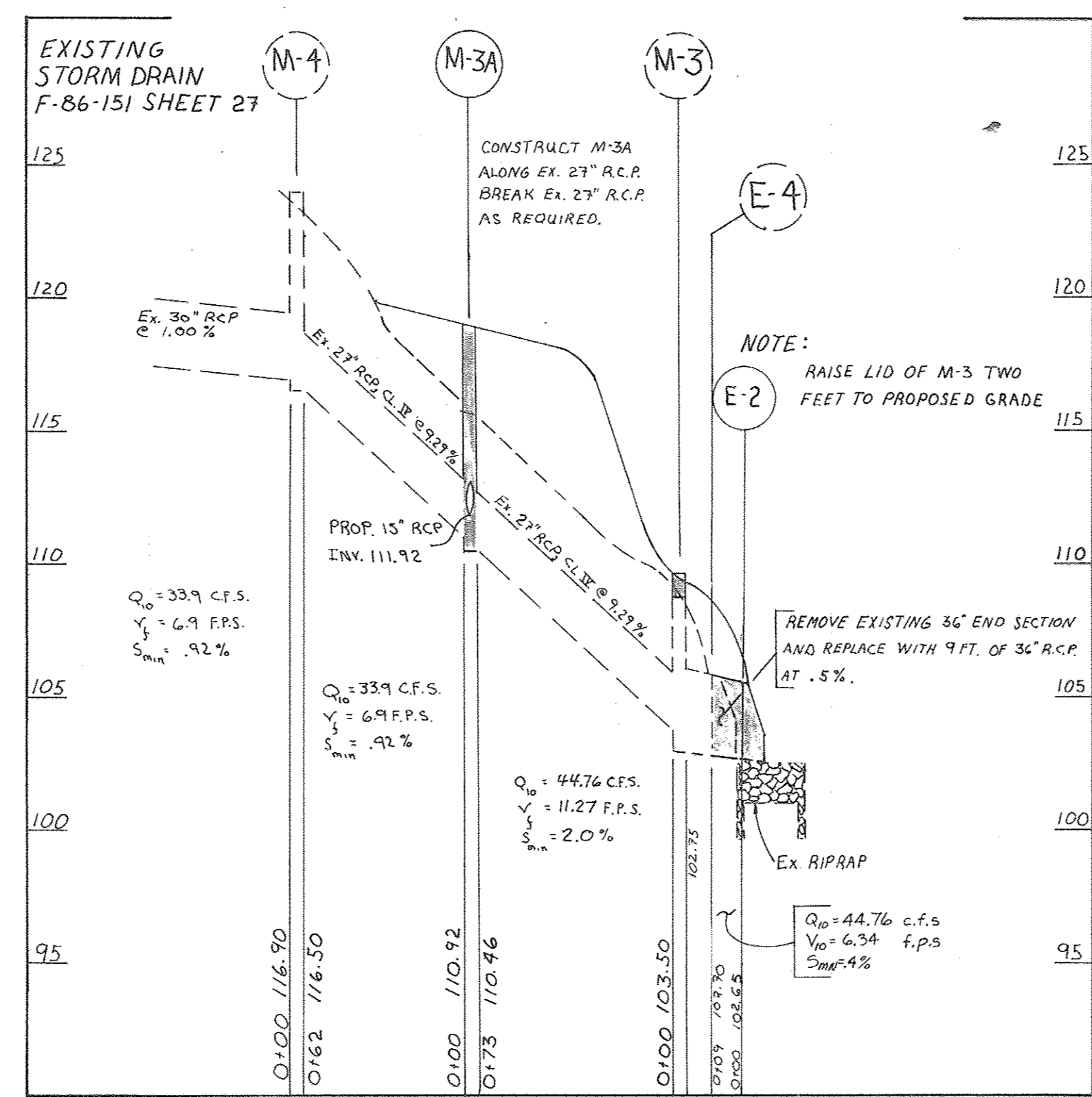
I.L.C. DESIGN	SCALE 1" = 40'
I.L.C. DRAWN	4 OF 11
P.H.M. CHECKED	SHEET
MAY 89 DATE	8-1132-X FILE No.

SDP-89-255



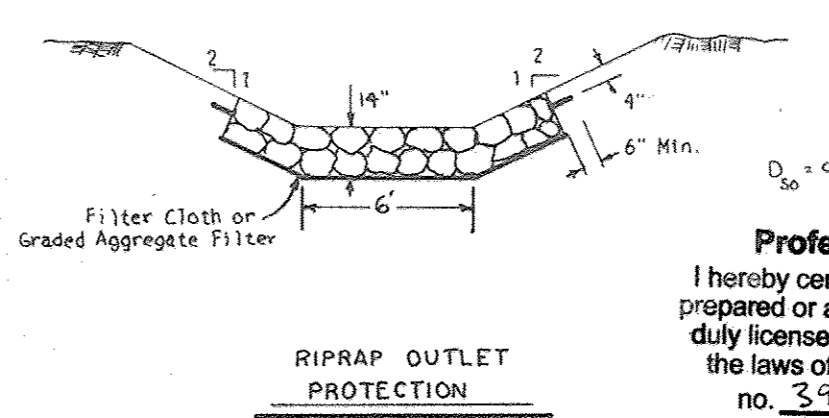
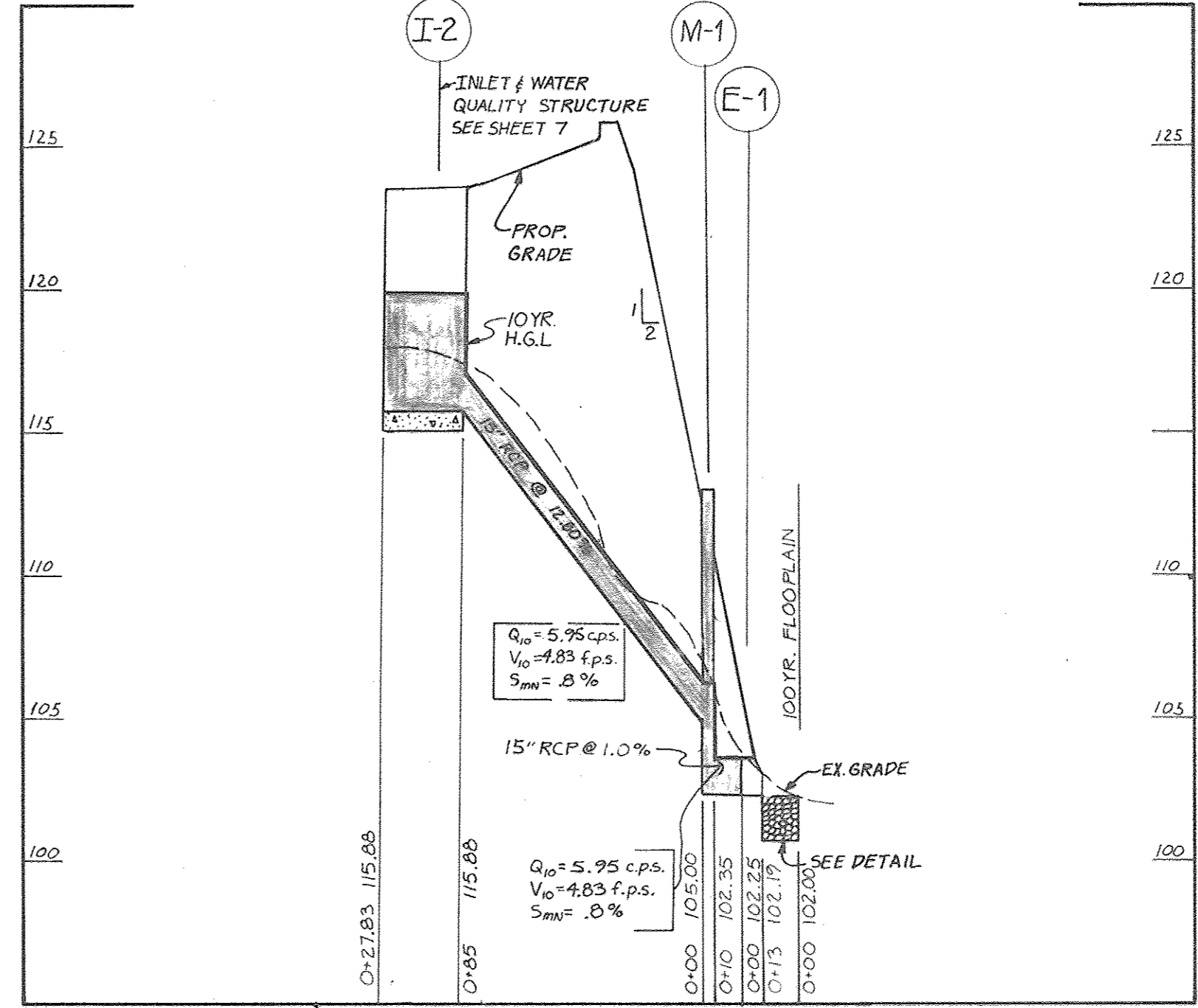
PROPOSED DRAINAGE AREA MAP
SCALE: 1" = 40'

NOTE: Stantec certification for revision 4 only



SECTION THROUGH DAM

SEE SHEET 9 OF 10
SCALE: H. = 1" = 5',
V. = 1" = 20'



RIPPRAP OUTLET PROTECTION

Professional Certification
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 39966, expiration date: 1/17/2019



STRUCTURE SCHEDULE

STRUCTURE NO.	TYPE	INVERT		TOP ELEVATION		LOCATION	HOWARD CO STANDARD
		IN	OUT	UPPER	LOWER		
I-1	INLET & WATER QUALITY STRUCTURE		115.58	124.5	124.00	6 STA. 12+0.25 DEERPATH RD. 283.62' RT. NE CORNER	SPECIAL DESIGN SEE SHEET 7
I-2	INLET & WATER QUALITY STRUCTURE		115.00	124.62	124.10	14 STA. 14+98 DEERPATH RD. 308.37' RT. NE CORNER	SPECIAL DESIGN SEE SHEET 7
M-3A	4'-0" BRICK MANHOLE	Ex. 23" 110.92 Prop. 15" 111.92	Ex. 23" 110.46	TOP OF RIM ELEV. 119.50		6 STA. 11+02.9 DEERPATH RD. 357.5' RT. CENTER MH.	G.-5.12
M-1	4'-0" BRICK MANHOLE	105.00	102.35	TOP OF RIM ELEV. 113.00		6 STA. 14+71.8 DEERPATH RD. 422.0' RT. CENTER TOP MH.	G.-5.12
E-1	15" R.C.P. END SECTION					6 STA. 14+66.3 DEERPATH RD. 439.1' RT. END OF 24" END SECTION.	SD-5.51
E-2	36" R.C.P. END SECTION		102.65			6 STA. 12+08.8 DEERPATH RD. 439.2' RT. END OF 36" END SECTION.	SD-5.51

PIPE SCHEDULE

SIZE	TYPE	LENGTH
12"	PVC	55 L.F.
15"	R.C.P. CL. IV	123 L.F.
36"	R.C.P. CL. IV	9 L.F.
24"	R.C.P. CL. IV	20 L.F.

APPROVED
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: _____

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
HOWARD CO. DEPT. OF PUBLIC WORKS
James J. Lee 12/16/09
DIRECTOR DATE
12-15-09 DATE
CHIEF, BUREAU OF ENGINEERING

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
John J. Lee 12-15-09
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
Richard J. Lee 12/27/09
PLANNING DIRECTOR DATE
Richard J. Lee 12/26/09
CHIEF, DIV. OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

SEDIMENT CONTROL

By the Developer:
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 or a Department of Natural Resources Approved Training Program for the control of Sediment and Erosion before beginning the project.

Signature of Developer _____ Date _____

By the Engineer:
I certify that this plan for erosion and sediment control represents a careful 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 Soil Conservation District.

Signature of Engineer _____ Date _____

Reviewed for _____ S.C.D.
an meets Technical Requirements.

U.S. Soil Conservation Service _____ Date _____

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Howard S.C.D. _____ Date _____

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
6797 DORSEY ROAD
BALTIMORE, MD. 21227
PH. 796-3223

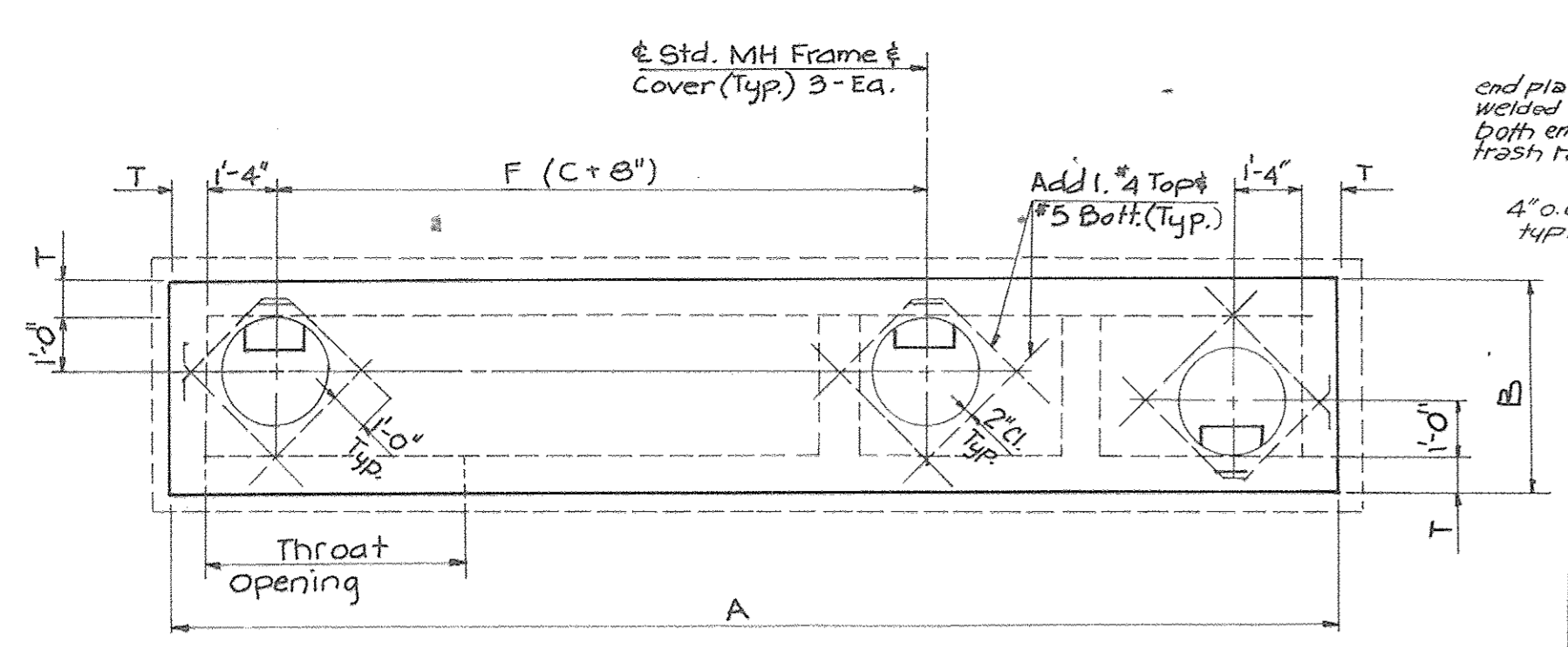
No.	REVISION	DATE	BY
1	UPDATED ZONING AND SHEET NUMBER	07/04/17	DK
2	CREATE FLOODLINE SWALE	12/19/90	KFM
3	ADDITION OF 2 HANDICAPPED SPACES AT NORTH ENTR.	12/13/90	KFM
4	RELOCATE HANDICAPPED SPACE TO NORTH ENTR.	12/13/90	KFM



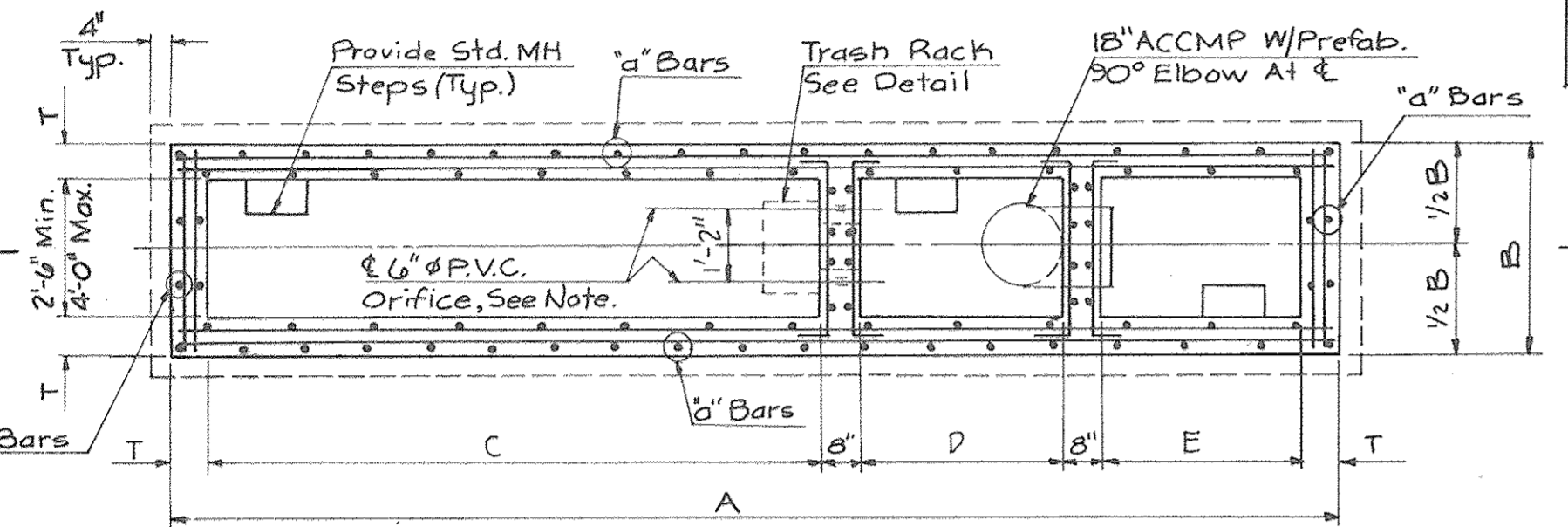
ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
(301) 296-4100
ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • DULUTH, GA • EXPORT, PA • FAIRFAX, VA • GREENBELT, MD
LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

TEMPORARY STORMWATER MANAGEMENT
STORM DRAIN PROFILES AND DRAINAGE AREA
DORSEY BUSINESS CENTER
PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
4016 PARCEL J SECTION I
HOWARD CO., MARYLAND FIRST ELECTION DISTRICT

K.A.M. DESIGN	SCALE
R.E.G. DRAWN	6 OF 11
R.H.M. CHECKED	SHEET
MAY, 1989	DATE
JOB No.	FILE No.

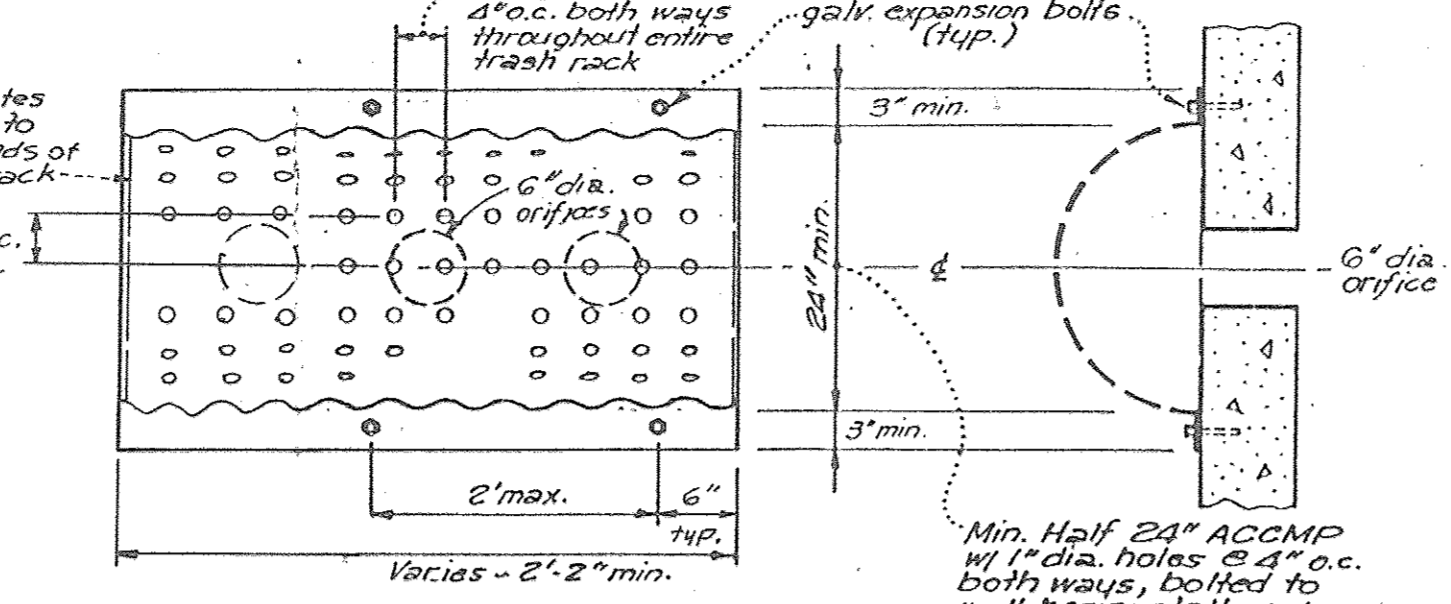


PLAN VIEW

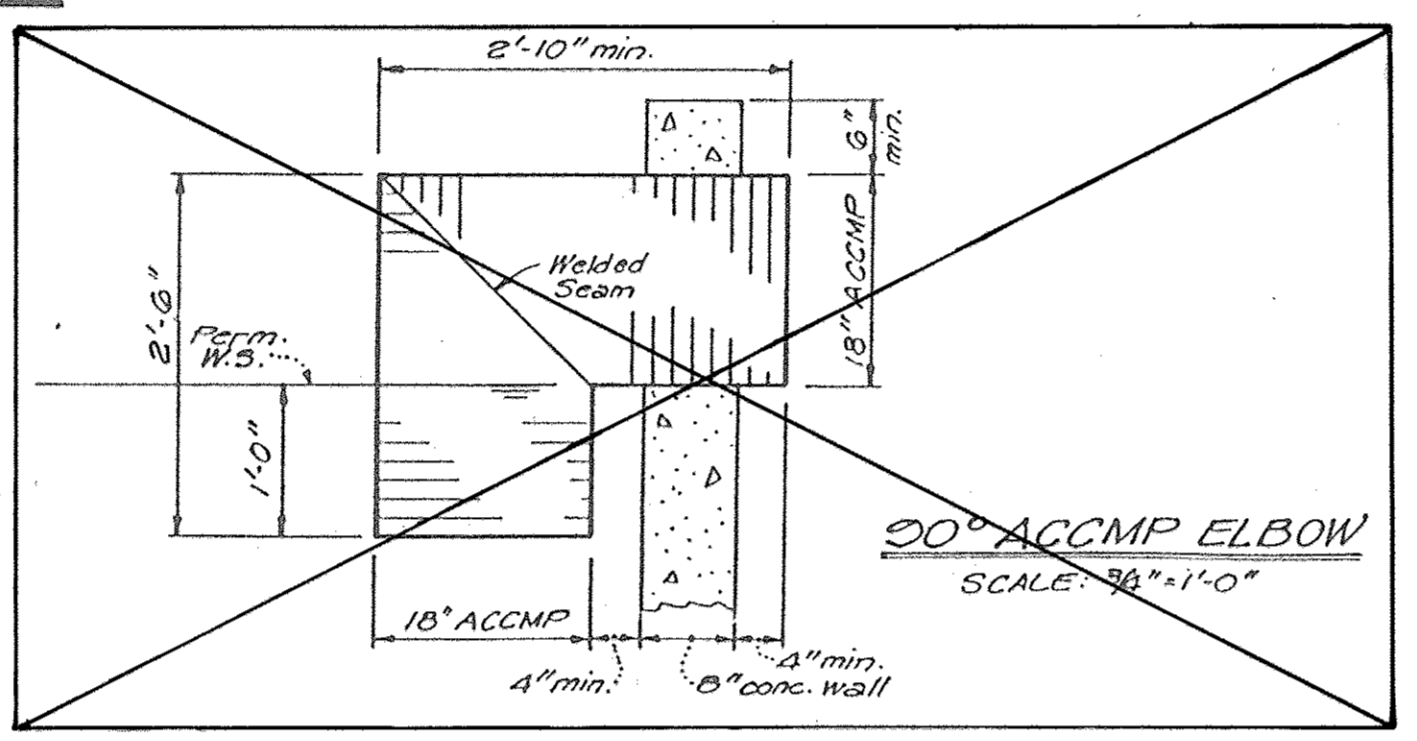
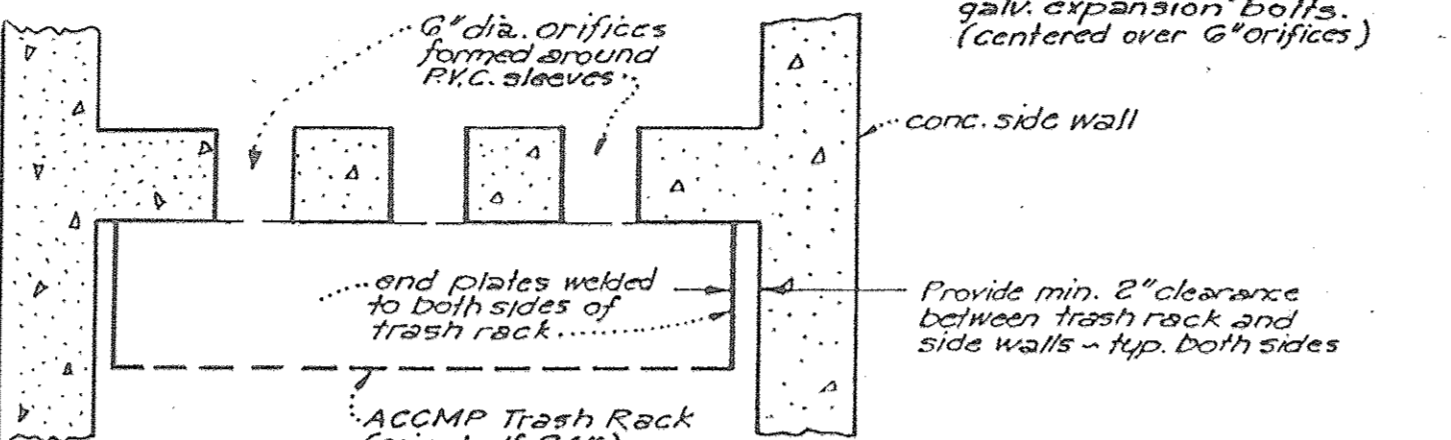


PLAN VIEW (TOP SLAB REMOVED)

Note: Provide An Additional 1/2" P.V.C. Orifice For Each 1'-2" of Width (B). Refer To Water Quality Structure Data Table For Number of Orifices To Install.



ACCMP TRASH RACK SCALE: 3/4"=1'-0"



90° ACCMP ELBOW SCALE: 3/4"=1'-0"

WATER QUALITY CONTROL STRUCTURE GENERAL NOTES

- All Keys Shall Be 2"x4" Nominally.
- Concrete Shall Have Minimum $f'_c = 3500$ psi @ 28 Days.
- Reinforcing Steel Shall Be ASTM A615 Grade 60. Minimum Clear Concrete Cover Over Any Bar Is 2" U.N.D.
- All Rebar Not Identified Shall Be #4 Spaced @ 12" Max.
- All Rebar End Hooks In Accordance With ACI 318 Requirements.
- Provide Reinforcing Around All Openings. See Detail.
- Provide Waterstop In All Exterior Walls At The Foundation Key.
- For Details Concerning 10' Throat Opening And Pipe Supports, See Ho. Co. Detail 50.4.02, Note #6.

MAINTENANCE NOTES (WATER QUALITY STRUCTURE WASTE)

- Water Quality Structures will require periodical cleaning. Owners of these facilities will have to clean them as needed or on a frequency that the County determines is appropriate. Owners of water quality structures will be notified by the County of the frequency of maintenance.
- Maintenance of these facilities will consist of cleaning out the separator and disposal of the waste and the repair of the facility as needed. Periodic inspections of these facilities will be made by the County Stormwater Management group.
- The disposal of the liquid and solid matter should be as follows:
 - All liquid material in the separator inlet shall be pumped into a suitable tank truck and disposed of at an approved sanitary district discharge manhole or be taken to an approved sewage treatment plant for discharge.
 - The solid material shall be landfilled in an approved sanitary landfill.
- The inlet pipes, trash racks, grates, and structural parts shall be repaired as needed.

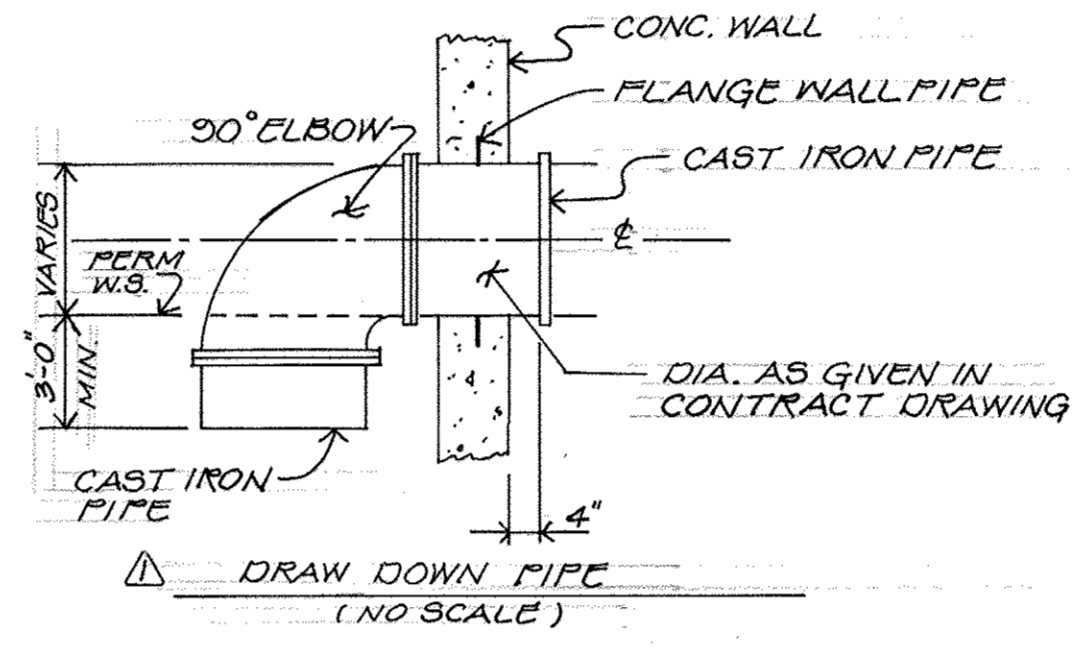
CONSTRUCTION NOTES:

- Silt and debris shall not be allowed to enter the structures until contributing drainage areas have been permanently stabilized.
 - All openings to structures shall be protected with the appropriate sediment control measures during construction.
- INSPECTION NOTES:
- Prior to the start of construction on water quality structures, the Howard County Construction Inspection Division Inspector must be called 48 hours in advance at 792-7272.
 - The Construction Inspection Division Inspector must be notified (792-7272) at each of the following stages:
 - Approval of subgrade for footing.
 - Footing formed and steel set prior to pouring.
 - Structure sides formed and steel set prior to pouring.
 - Prior to top slab and manholes being set, the Construction Inspection Division Inspector must check structure and all debris and silt in structure removed.
 - When site is permanently stabilized and sediment control measures to protect inlet are to be removed.

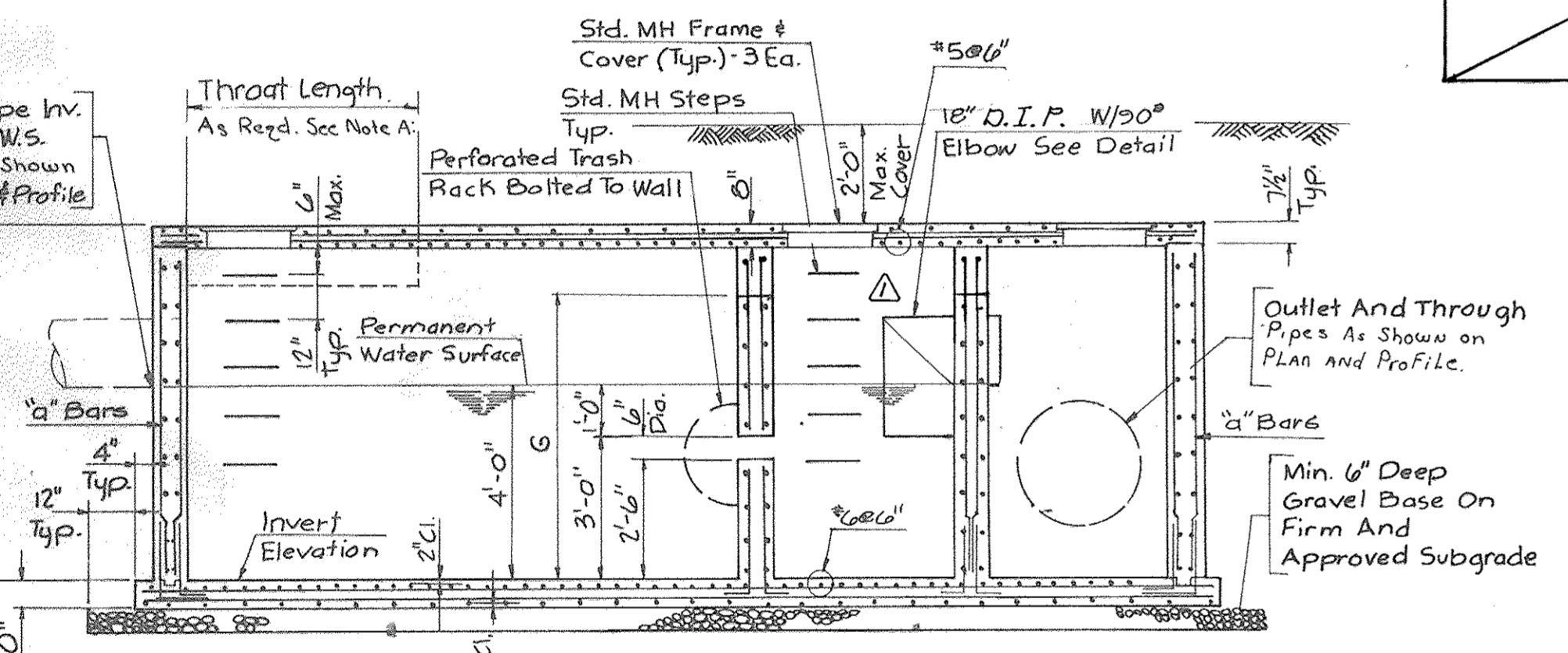
Sequence of Construction and Inspector's Check-Off List for SM Oil/Grit Separators

Stage	Developer's/Engineer Approval		Inspector's Approval	
	Initials	Date	Initials	Date
1. Pre-construction meeting.*				
2. Installation of oil/grit separator and associated storm drainage:*				
a. Footing subgrade prior to pouring.*				
b. Footing formed and steel set prior to pouring.*				
c. Structure sides formed and steel set prior to pouring.*				
d. Prior to top slab and manholes being set on, the inspector must inspect all cast-in-place and pre-cast structures for proper assembly.*				
3. Site is permanently stabilized, sediment control measures removed and all sediment and debris removed from the structure.*				
4. Final inspection.*				

NOTE: See Construction Specifications for detailed requirements.
 * Mandatory notification/approval of Construction Inspection Division Inspector prior to proceeding with next stage. Call 792-7272 prior to 12:00 noon on the preceding day to arrange for notification/inspection.



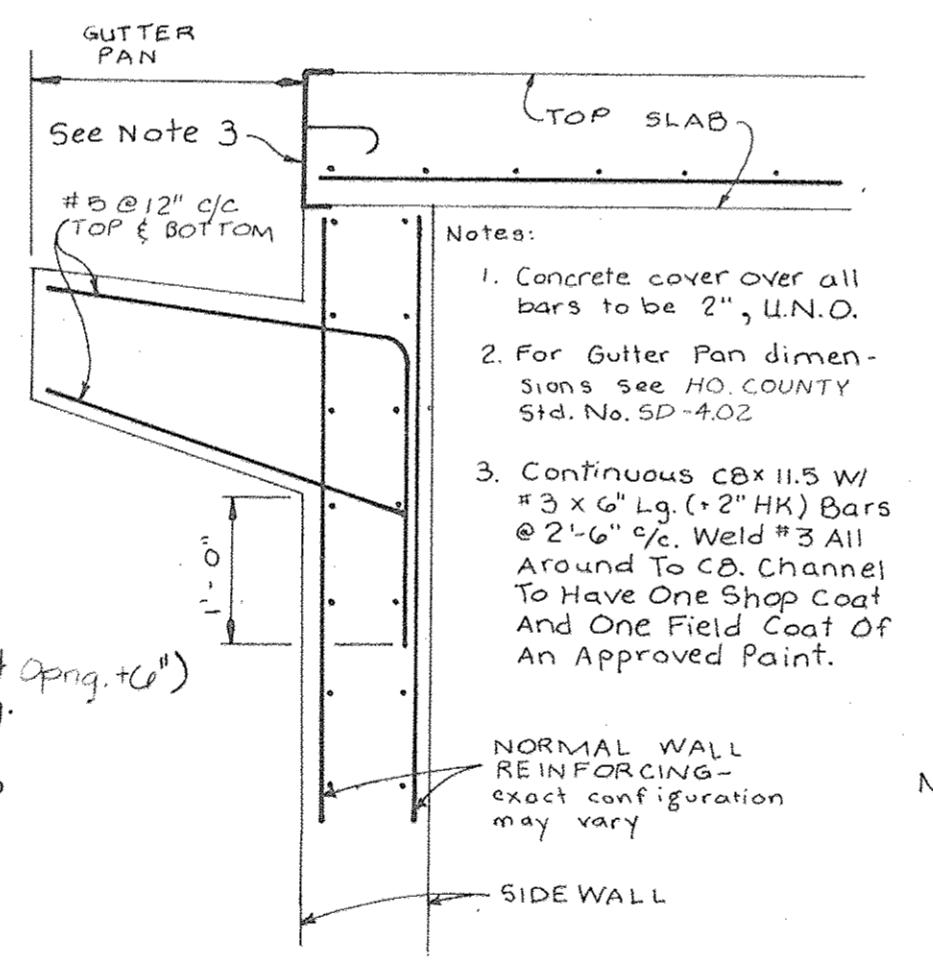
DETAIL Reinforcing Around Opening Not To Scale



SECTION - WATER QUALITY CONTROL STRUCTURE

Traffic Loading?	H	T	"a" Bars
No	8'-0" Max., 9'-0" Max. When No Cover	9"	#6 @ 6"
No	12'-0" Max.	15"	#8 @ 6"
Yes	8'-0" Max., 9'-0" Max. When No Cover	9"	#7 @ 6"
Yes	12'-0" Max.	15"	#7 @ 4"

Note A: Provide CBx 11.5 x (throat opening + 6") Long @ Throat Opening. Modify Wall Height Adjacent to Opening to Support Channel.



GUTTER PAN CONNECTION DETAIL

- Notes:
- Concrete cover over all bars to be 2" U.N.D.
 - For Gutter Pan dimensions See HO. COUNTY Sid. No. SD-4.02
 - Continuous CBx 11.5 w/ #3 x 6' Lg. (2" HK) Bars @ 2'-6" o.c. Weld #3 All Around To CB Channel To Have One Shop Coat And One Field Coat Of An Approved Paint.

Note: All Bars To Be #5. Extend Vertical Bars Full Height Of Wall



Professional Certification
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 39966, expiration date: 1/17/2019



STRUCTURAL CERTIFICATION
 I hereby certify that the structural design of this project is in accordance with applicable codes and that the plan for this facility has been designed for the specified loadings as indicated on the plan.
 Date: November 2, 1989
 Signed: Edward G. Malachuk P.E.
 Registration No. 13784

APPROVED
 DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 12/15/89

Before Beginning Construction Contact
 "MISS UTILITY"
 At
 1-800-257-7777
 At Least 48 Hours Prior To Excavation

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD CO. DEPT. OF PUBLIC WORKS
 Director: James P. Ryan 12/15/89
 Chief, Bureau of Engineering: [Signature] 12/15/89
 APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: [Signature] 12/17/89
 APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Planning Director: [Signature] 12/27/89
 Chief, Div. of Community Planning & Land Development: [Signature] 12/28/89

STRUCT. NUMBER	DRAIN. AREA	AC.	F ₁ ³ VOL. REQ'D	F ₄ ³ VOL. PROV.	DIMENSIONS					FLOOR SLAB ELEV.	18" O.I.P. ELBOW INV.	THROAT LENGTH if req'd	TOP SLAB ELEV.		
					A	B	C*	D*	E						
I-1	.81	324	336	27.83	5.50	14.0	7.0	4.0	14.67	4.0	115.53	119.53	10.0	124.57	124.0
I-2	.96	384	384	30.83	5.50	16.0	8.0	4.0	16.67	4.0	115.53	119.53	10.0	124.62	124.0

NOTES:
 For storm drain inverts, see storm drain profiles.
 Storage required = 40 c.f. per 0.1 Ac. of drainage area. (total storage computed to depth: (6))
 *When combined length of oil and grit chambers exceeds 12 feet, "D" = 1/2 X "C" ("C" = 2/3 total and "D" = 1/3 total).

NOTE: Stamp certification for revision 2 only

No.	REVISION	DATE	BY
1	UPDATED ZONING AND SHEET NUMBER	01/06/17	DK
2	REVISED WATER QUALITY STRUCTURE	10/30/90	KRM



ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
 113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
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 LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

WATER QUALITY STRUCTURE DETAIL
DORSEY BUSINESS CENTER
 PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
 PARCEL J SECTION I
 HOWARD CO., MARYLAND FIRST ELECTION DISTRICT

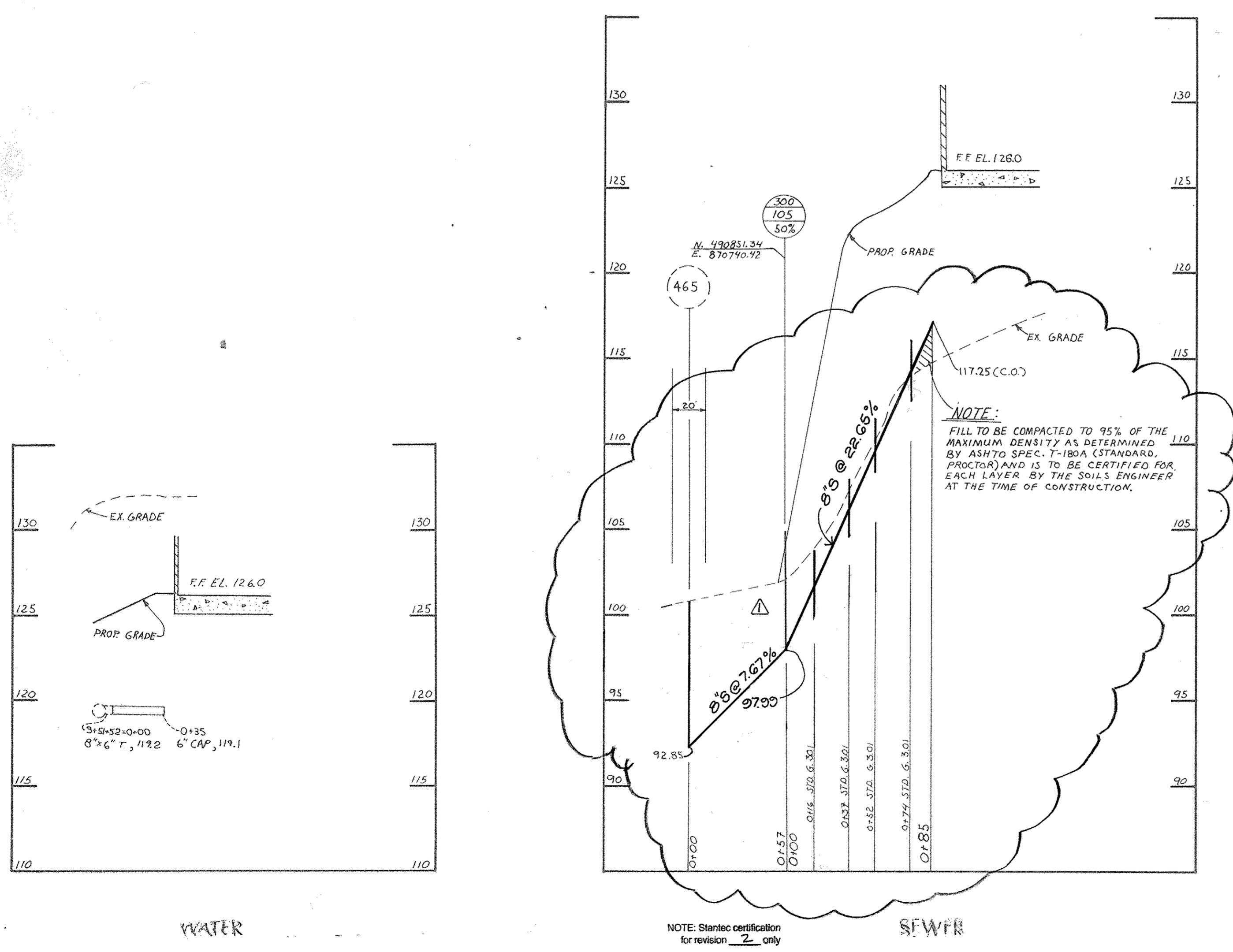
DESIGN	SCALE
R.F.C. DRAWN	NONE
CHECKED	SHEET
DATE	JOB No.
APRIL 1989	FILE No.

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
 6797 DORSEY ROAD
 BALTIMORE, MD. 21227
 PH. 796-3223

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD CO. DEPT. OF PUBLIC WORKS
 Director: *James P. [Signature]* DATE: 12/13/89
 Chief, Bureau of Engineering: *[Signature]* DATE: 12-13-89

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 County Health Officer: *[Signature]* DATE: 12-20-89

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 Planning Director: *[Signature]* DATE: 12/27/89
 Chief, Div. of Community Planning & Land Development: *[Signature]* DATE: 12/26/89



APPROVED
 DIVISION OF
 COMMUNITY PLANNING
 & LAND DEVELOPMENT
 HOWARD COUNTY,
 MARYLAND
 DATE: _____



Professional Certification
 I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, license no. 39966, expiration date: 1/17/2019.



DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
 6797 DORSEY ROAD
 BALTIMORE, MD. 21227
 PH. 796-3223

No.	REVISION	DATE	BY
1	UPDATE ZONING AND SHEET NUMBER	07/06/17	DK
2	REVISE SAN. PROFILE	10/30/80	KRM



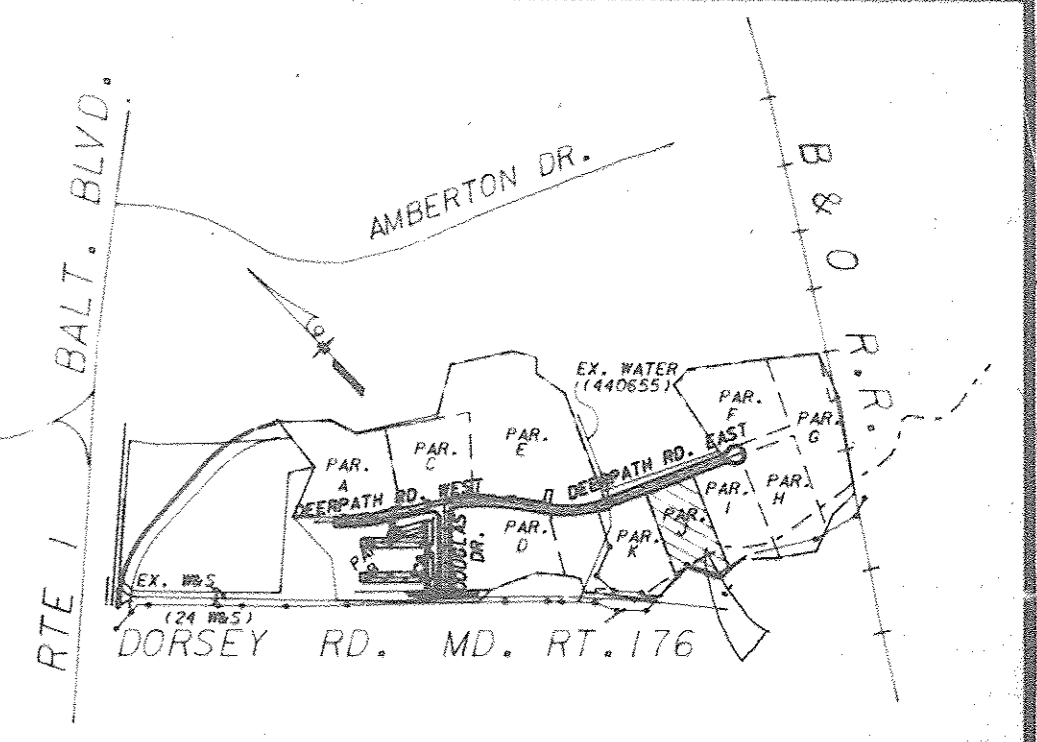
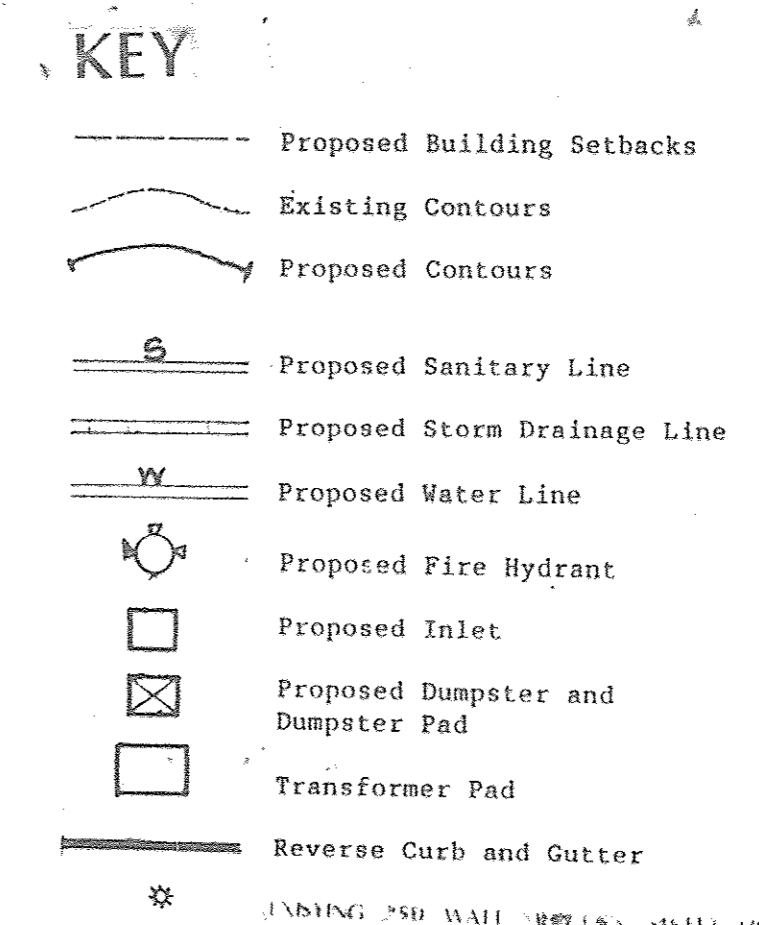
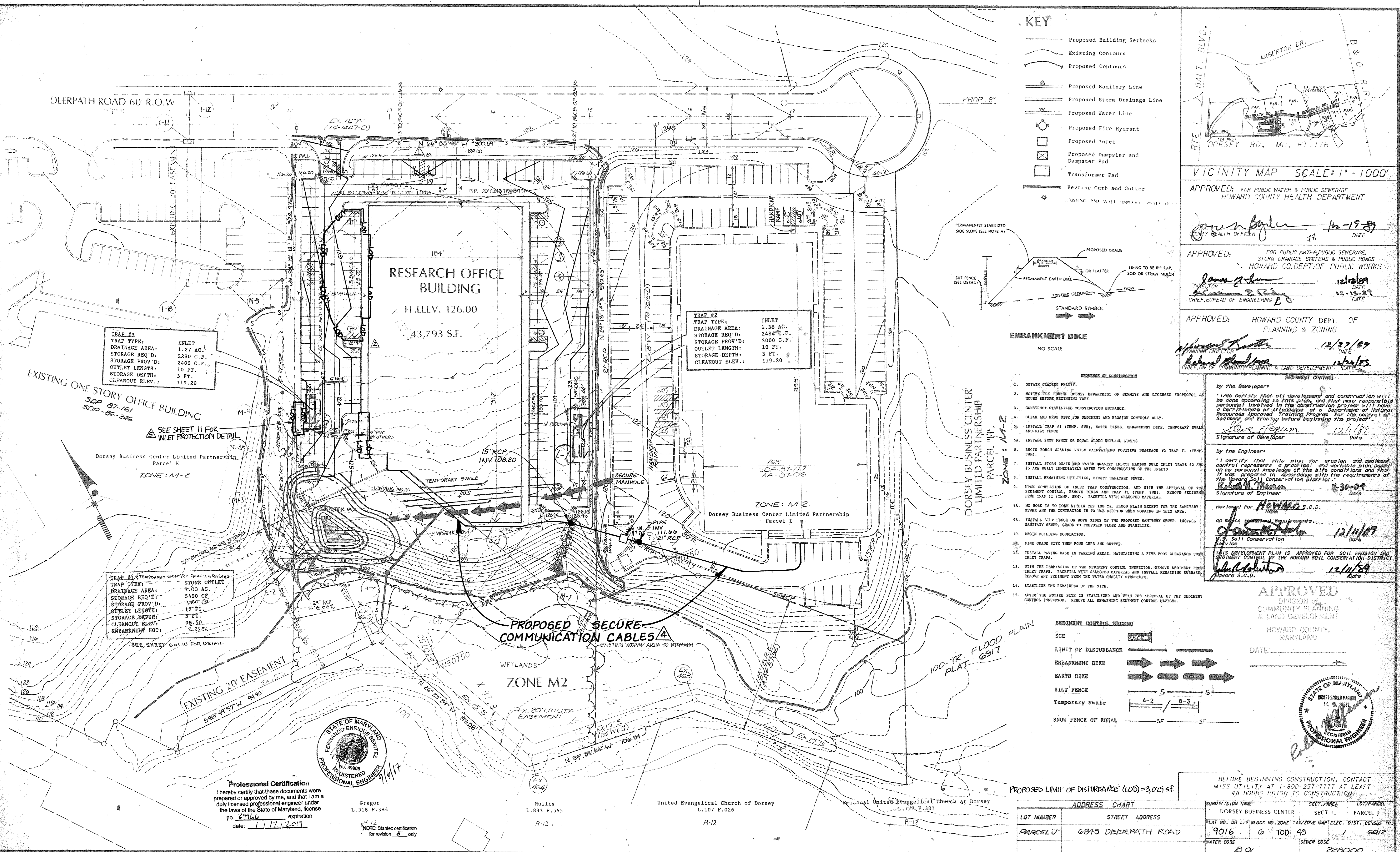
ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
 113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
 (301) 296-4100
 ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • DULUTH, GA • EXPORT, PA • FAIRFAX, VA • GREENBELT, MD
 LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

WATER AND SEWER PROFILES
DORSEY BUSINESS CENTER
 PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
 SECTION 1 PARCEL J
 HOWARD CO., MARYLAND FIRST ELECTION DISTRICT

K.A.M. DESIGN	HORZ. 1"=50'	SCALE VERT. 1"=5'
K.A.M. DRAWN	8 OF 11	
R.H.M. CHECKED	SHEET	
MAY, 1989 DATE	JOB No.	FILE No.

SDP-89-255

DEERPATH ROAD 60' R.O.W



APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE
HOWARD COUNTY HEALTH DEPARTMENT

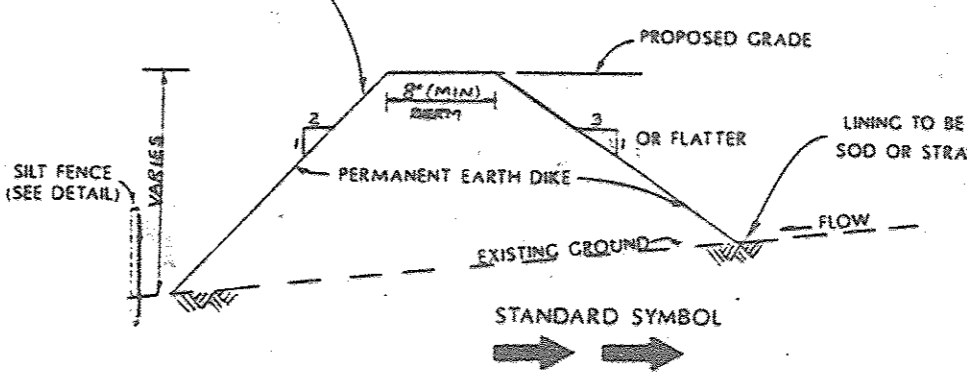
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC WORKS
HOWARD CO. DEPT. OF PUBLIC WORKS

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

APPROVED: SEDIMENT CONTROL

TRAP #3
TRAP TYPE: INLET
DRAINAGE AREA: 1.27 AC.
STORAGE REQ'D: 2280 C.F.
STORAGE PROV'D: 2400 C.F.
OUTLET LENGTH: 10 FT.
STORAGE DEPTH: 3 FT.
CLEANOUT ELEV.: 119.20

TRAP #2
TRAP TYPE: INLET
DRAINAGE AREA: 1.38 AC.
STORAGE REQ'D: 2484 C.F.
STORAGE PROV'D: 3000 C.F.
OUTLET LENGTH: 10 FT.
STORAGE DEPTH: 3 FT.
CLEANOUT ELEV.: 119.20



- SEQUENCE OF CONSTRUCTION
- OBTAIN GRADING PERMIT.
 - NOTIFY THE HOWARD COUNTY DEPARTMENT OF PERMITS AND LICENSES INSPECTOR 48 HOURS BEFORE BEGINNING WORK.
 - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.
 - CLEAR AND GRUB SITE FOR SEDIMENT AND EROSION CONTROLS ONLY.
 - INSTALL TRAP #1 (TEMP. SWH), EARTH DIKES, EMBANKMENT DIKE, TEMPORARY SWALE AND SILT FENCE.
 - INSTALL SNOW FENCE OR EQUAL ALONG WETLAND LIMITS.
 - INSTALL STORM DRAIN AND WATER QUALITY INLETS MAKING SURE INLETS TRAP #2 AND #3 ARE BUILT IMMEDIATELY AFTER THE CONSTRUCTION OF THE INLETS.
 - INSTALL REMAINING UTILITIES, EXCEPT SANITARY SEWER.
 - UPON COMPLETION OF INLET TRAP CONSTRUCTION, AND WITH THE APPROVAL OF THE SEDIMENT CONTROL, REMOVE DIKES AND TRAP #1 (TEMP. SWH). REMOVE SEDIMENT FROM TRAP #1 (TEMP. SWH). BACKFILL WITH SELECTED MATERIAL.
 - NO WORK IS TO BE DONE WITHIN THE 100 YR. FLOOD PLAIN EXCEPT FOR THE SANITARY SEWER AND THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN THIS AREA.
 - INSTALL SILT FENCE ON BOTH SIDES OF THE PROPOSED SANITARY SEWER. INSTALL SANITARY SEWER, GRADE TO PROPOSED SLOPE AND STABILIZE.
 - BEGIN BUILDING FOUNDATION.
 - FINE GRADE SITE THEN POUR CURB AND GUTTER.
 - INSTALL PAVING BASE IN PARKING AREAS, MAINTAINING A FIVE FOOT CLEARANCE FROM INLET TRAPS.
 - WITH THE PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT FROM INLET TRAPS. BACKFILL WITH SELECTED MATERIAL AND INSTALL REMAINING SUBBASE. REMOVE ANY SEDIMENT FROM THE WATER QUALITY STRUCTURE.
 - STABILIZE THE REMAINDER OF THE SITE.
 - AFTER THE ENTIRE SITE IS STABILIZED AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL REMAINING SEDIMENT CONTROL DEVICES.

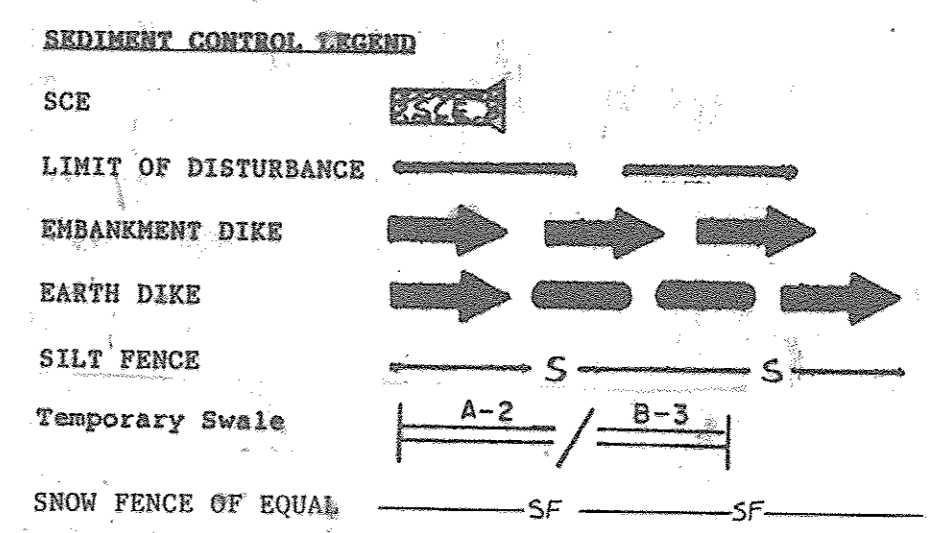
by the Developer:
I certify that all development and construction will be done according to this plan, and that every responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of Natural Resources Approved Training Program for the control of Sediment and Erosion before beginning the project.
Signature of Developer: Steve Fejerman
Date: 12/11/09

By the Engineer:
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 Soil Conservation District.
Signature of Engineer: Robert Harold Hamner
Date: 12/30/09

Reviewed for HOWARD S.C.D.
Name: Robert Harold Hamner
on behalf of the Registrants: Robert Harold Hamner
Soil Conservation Division
Date: 12/11/09

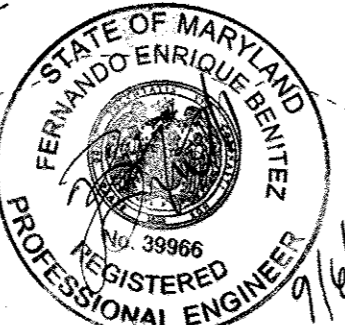
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Signature: Robert Harold Hamner
Date: 12/11/09

APPROVED
DIVISION OF COMMUNITY PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: _____



PROPOSED LIMIT OF DISTURBANCE (LOD) = 3,029 sq. ft.

ADDRESS CHART		SUBDIVISION NAME	
LOT NUMBER	STREET ADDRESS	DORSEY BUSINESS CENTER	SECT. 1, LOT/PARCEL
PARCEL U	6845 DEERPATH ROAD	9016	6 TOD 43
		WATER CODE	SEWER CODE
		B 01	228000



Professional Certification
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. 39966, expiration date: 11/17/2019

Gregor L. 518 P. 384
Mullis L. 833 F. 565
United Evangelical Church of Dorsey L. 107 F. 026
United Evangelical Church at Dorsey L. 727-E. 381

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
6797 DORSEY ROAD
BALTIMORE, MD. 21227
PH. 796-3223

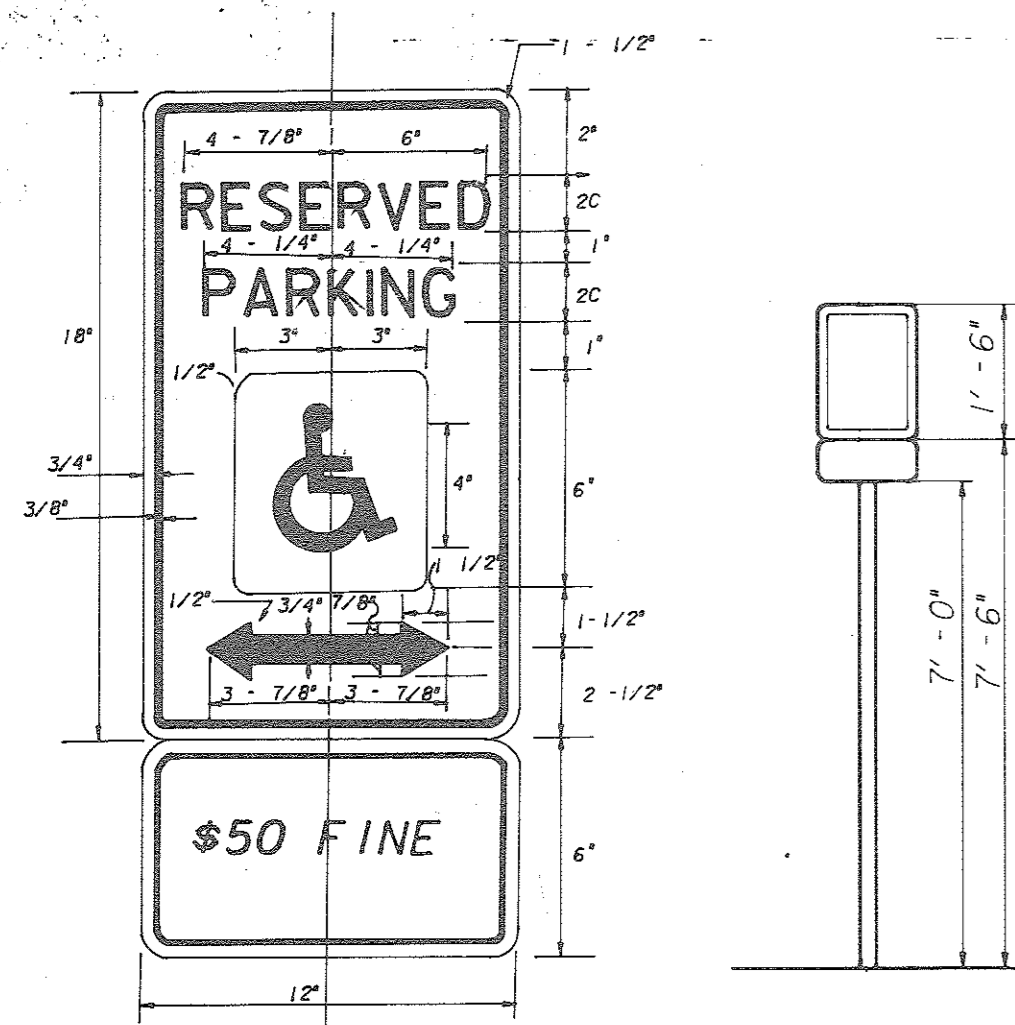
No.	REVISION	DATE	BY
1	ADDED INLET PROTECTION FOR ADA CONSTRUCTION	07/07/17	FB/DK
2	PROPOSED SECURE COMMUNICATION CABLES	7-27-04	LDE
3	CREATE FLOWLINE SWALE	12/13/90	KFM
4	ADDITION OF 2 HANDICAPPED SPACES AT NORTH ENTR	12/13/90	KFM
5	RELOCATE HANDICAPPED SPACE TO NORTH ENTR	12/13/90	KFM



ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204
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LEESBURG, VA • MANASSAS, VA • ORLANDO, FL • RALEIGH, NC • ROCKVILLE, MD • TAMPA, FL • WEST PALM BEACH, FL

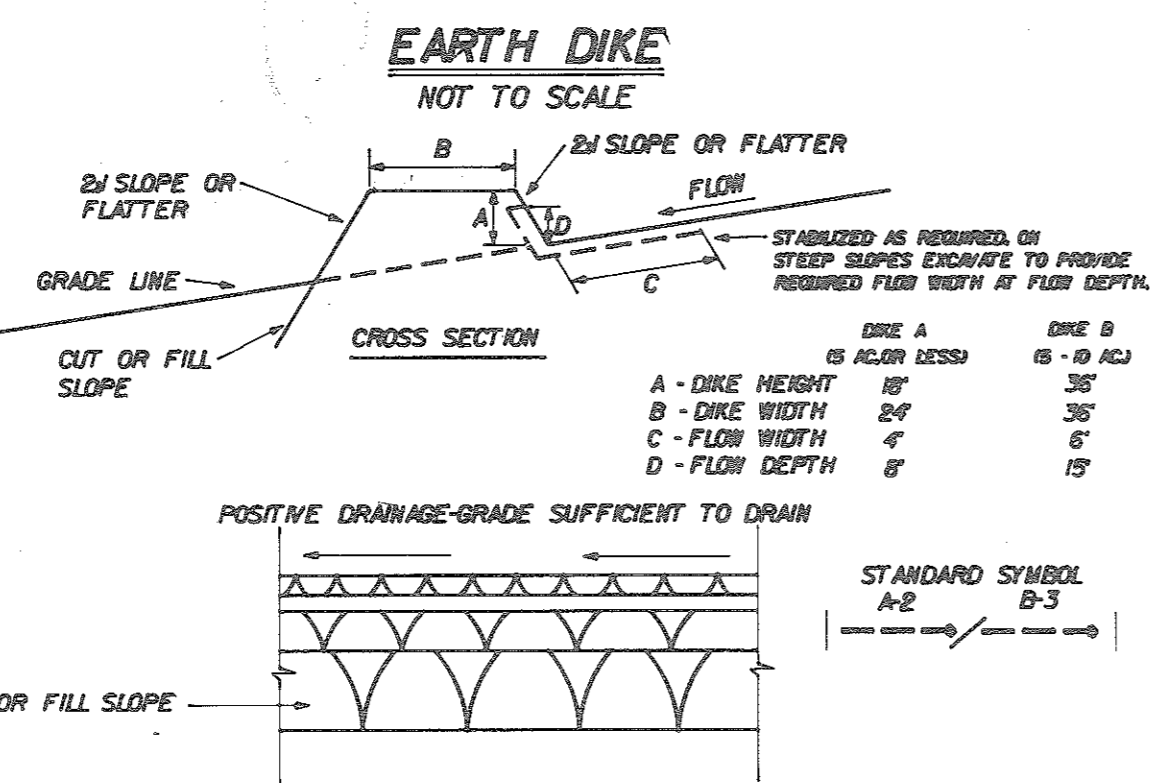
SEDIMENT CONTROL PLAN AND DETAILS
DORSEY BUSINESS CENTER
PLAT 9016 TAX MAP 43 ZONE TOD ZONING MAP 43
SECTION 1 PARCEL J'
FIRST ELECTION DISTRICT - HOWARD CO., MARYLAND

J.L.G. DESIGN	SCALE	1" = 40'
J.L.G. DRAWN		9 OF 11
R.H.M. CHECKED	SHEET	
MAY 09 DATE	JOB No.	B-1132-X
	FILE No.	



HANDICAPPED PARKING SIGN

- ALL REFERENCED MATERIAL WAS TAKEN FROM STATE OF MARYLAND STANDARD HIGHWAY SIGNS BOOKLET P.O. BOX 717 707 NORTH CALVERT ST. BALTIMORE, MD. 21203
- STANDARD COLORS
LEGEND & BORDER - GREEN
BACKGROUND WHITE
WHITE SYMBOL ON BLUE BACKGROUND
- ONE SIGN IS REQUIRED FOR EACH PARKING SPACE.
- *RESERVED PARKING* SIGN SETS INCLUDE A 12" X 18" RESERVED PARKING SIGN WITH A 12" X 6" SUPPLEMENTAL SIGN DESIGNATING THE FINE BELOW IT. THE ADDITIONAL SIGN INTENDED TO RESERVE THE PARKING SPACE ONLY FOR PERSONS WITH AN OFFICIAL PERMIT OR HANDICAP PLATE SHOULD BE NO LOWER THAN 7'-0". NORMAL MOUNTING OF SIGN(S) OR SET(S) OF SIGNS SHALL BE ON A STEEL POST PLACED IN THE GROUND ADJACENT TO THE PARKING SPACE. THE BOTTOM OF THE SIGN OR SET SHALL BE SEVEN FEET SIX INCHES ABOVE THE GRADE IN THE PARKING SPACE. THE SUPPLEMENTAL SIGN SHOULD BE NO LOWER THAN 7'-0".
- NORMAL MOUNTING OF SIGN(S) OR SET(S) OF SIGNS SHALL BE ON A STEEL POST PLACED IN THE GROUND ADJACENT TO THE PARKING SPACE.



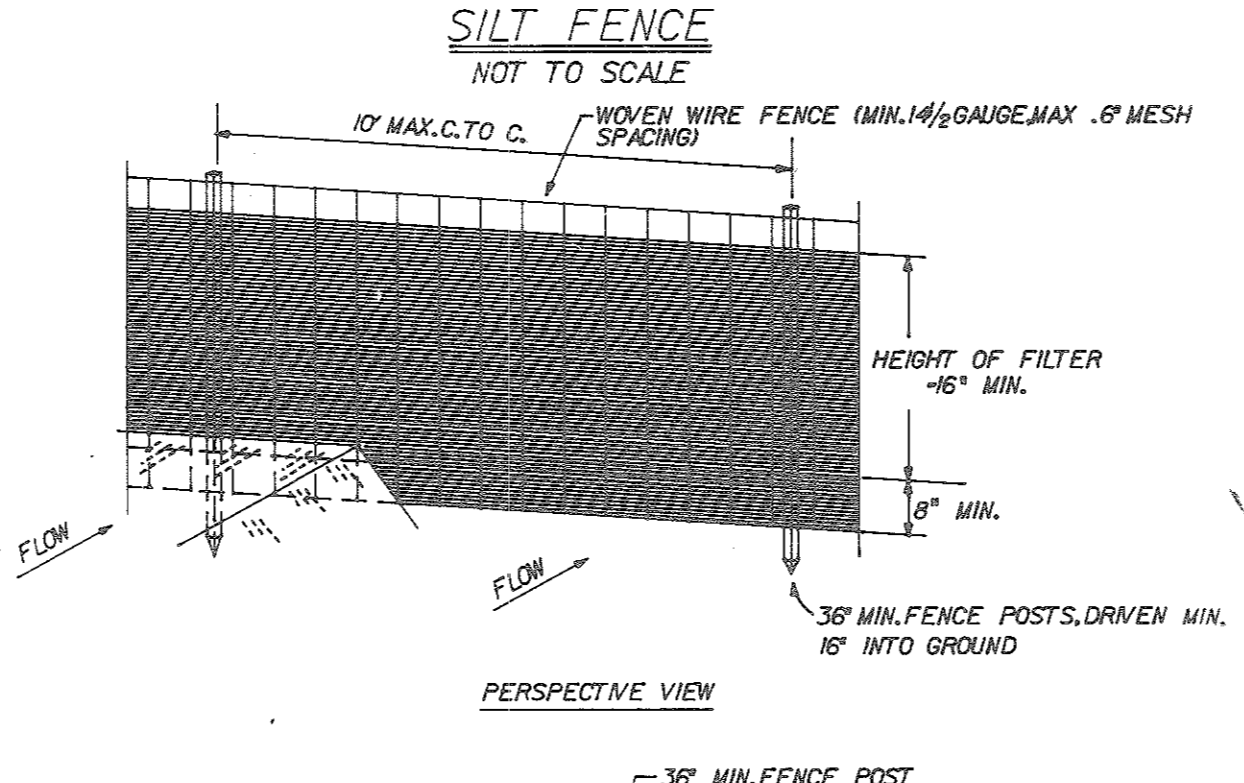
CONSTRUCTION SPECIFICATIONS

- ALL DIKES SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
- TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
- FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
- EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
- STABILIZATION SHALL BE (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON; (B) FLOW CHANNEL AS PER THE CHART BELOW.

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	3-5.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	5-10.0%	SEED AND STRAW MULCH	SEED USING JUTE OR 2" STONE
3	5-10.0%	SEED WITH JUTE OR 2" STONE	LINED RIP-RAP 4-8"
4	8-20%	LINED RIP-RAP 4-8"	ENGINEERED DESIGN

- A STONE TO BE 2 INCH STONE OR RECYCLED CONCRETE EQUIVALENT IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
- RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 3 INCHES THICKNESS AND PRESSED INTO THE SOIL.
- APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

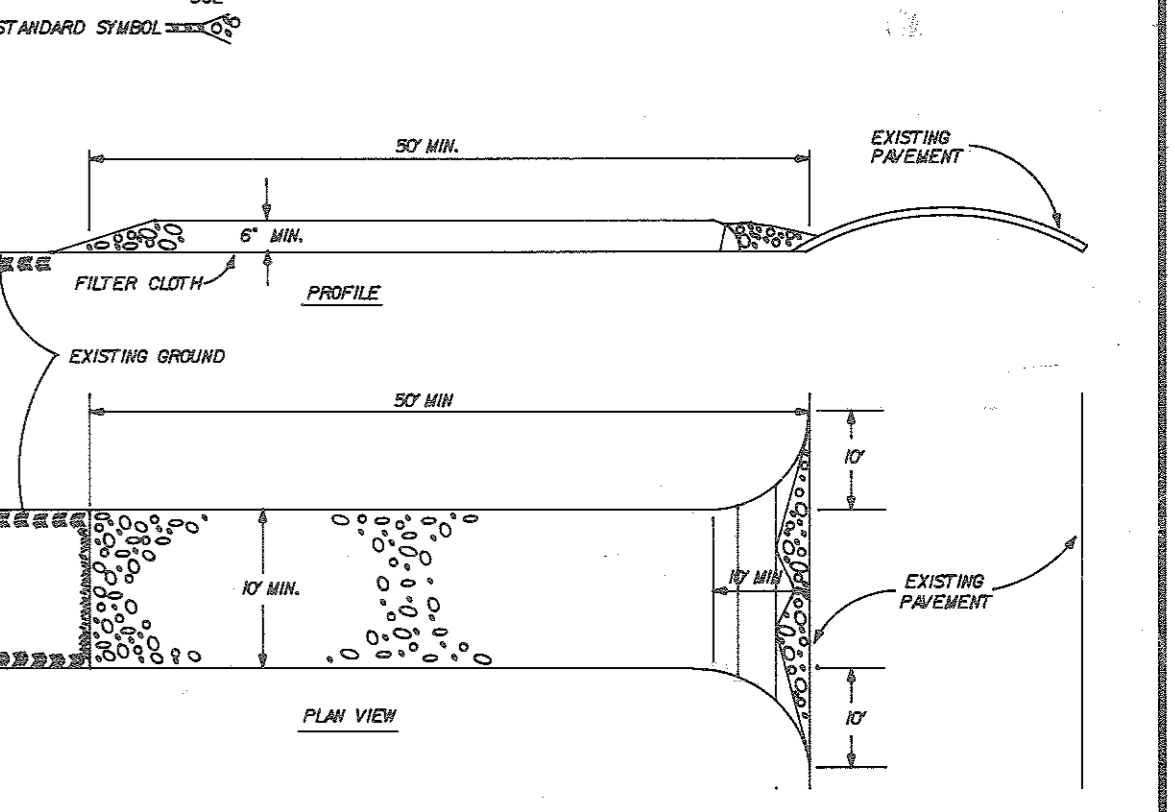


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 2' AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.

- SEDIMENT CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION.
 - ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERMANENT SEDIMENT CONTROL STRUCTURES, DIKES, PERMANENT SLOPES AND ALL SLOPES GREATER THAN 3:1 B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THE PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
 - 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 MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:
TOTAL AREA OF SITE 3.79324 ACRES
AREAS DISTURBED 3.24971 ACRES
AREA TO BE ROOFED OR PAVED 2.09985 ACRES
AREA TO BE VEGETATIVELY STABILIZED 0.82993 ACRES
TOTAL CUT 23,905 CU. YDS.
TOTAL FILL 14,696 CU. YDS.
OFFSITE WASTE/ AREA LOCATION MONTGOMERY COUNTY
 - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
 - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY OPEN SEDIMENT CONTROL INSPECTOR.
 - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

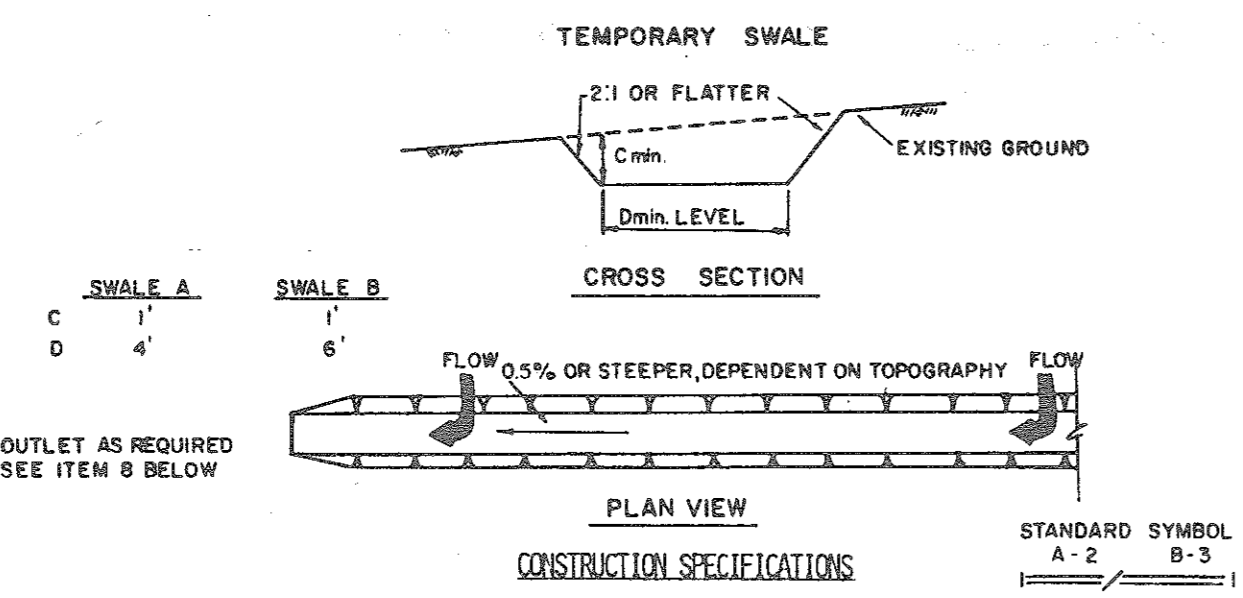
STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 30 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 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.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAYS. 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.
- WASHING - 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 STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

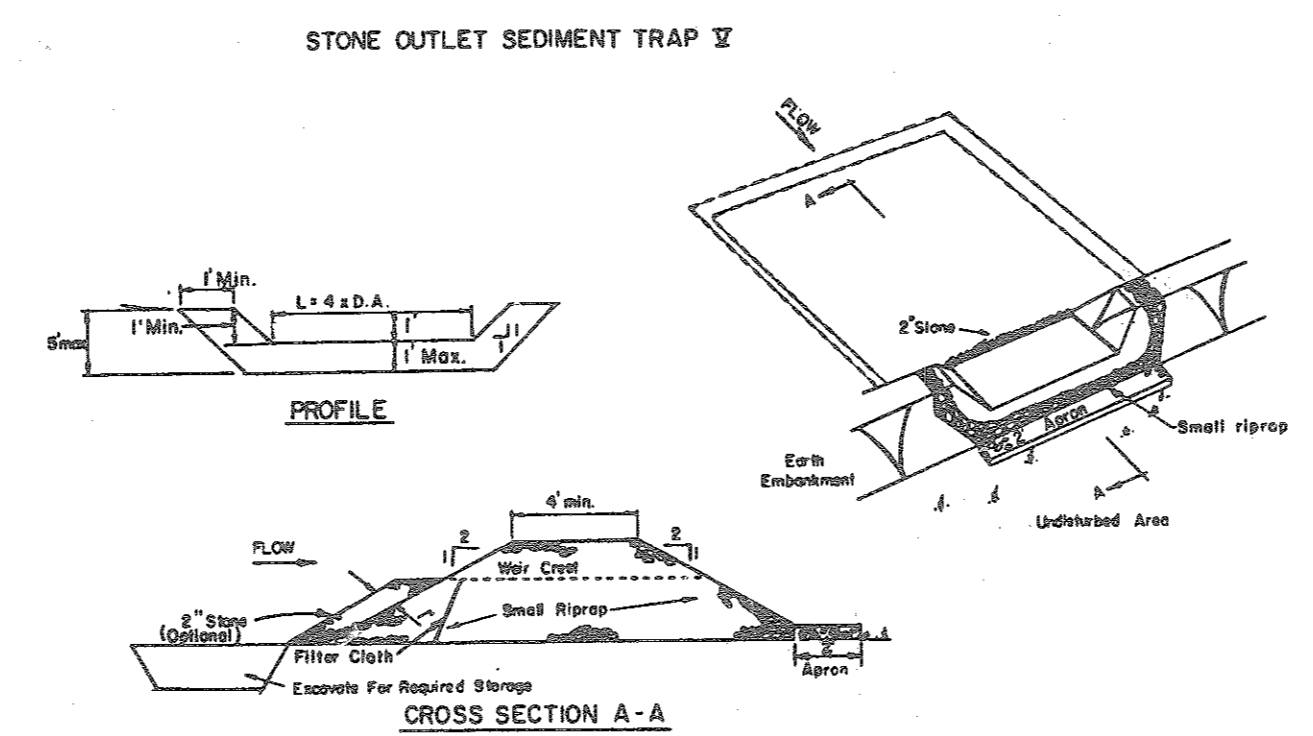
APPROVED
DIVISION OF
COMMUNITY PLANNING
& LAND DEVELOPMENT
HOWARD COUNTY,
MARYLAND
DATE: _____



- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
- DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
- DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
- ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
- THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDIE NORMAL FLOW.
- FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
- ALL EARTH REMOVED AND NOT NEEDED ON CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
- STABILIZATION SHALL BE AS PER THE CHART BELOW:

TYPE OF TREATMENT	CHANNEL GRADE	A (5 AC OR LESS)	B (5 AC - 10 AC)
1	0.5-3.0%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE OR EXCELSTOR
3	5.1-8.0%	SEED WITH JUTE OR EXCELSTOR/ SOD	LINED RIP-RAP 4-8" RECYCLED CONCRETE EQUIVALENT
4	8.1-20%	LINED 4-8" RIP-RAP	ENGINEERED DESIGN

- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

- CONSTRUCTION SPECIFICATIONS FOR ST-V**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
 - The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - All cut and fill slopes shall be 2:1 or flatter.
 - The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the up-grade side on the small riprap 2" embedded filter cloth in the riprap.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

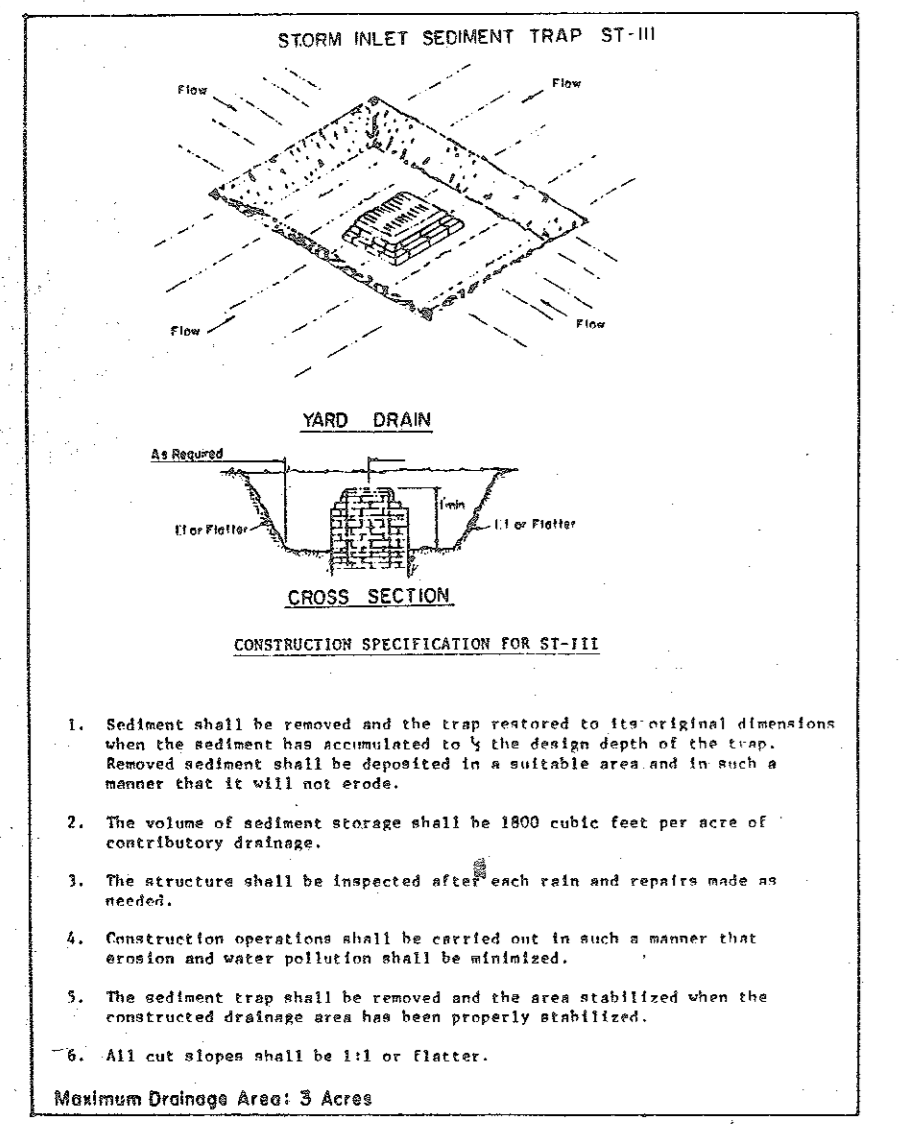
PERMANENT SEEDING NOTES
Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed. Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not PREVIOUSLY LOOSENED. Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 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/100 sq ft) before seeding. Harrow or disc into upper three inches of soil.
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc 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 (1 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February, protect site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/100 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 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 cover is needed. Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding. Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).
Seeding - For period March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels per acre of annual rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.
Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) for anchoring.

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



- Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
- The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
- All cut slopes shall be 1:1 or flatter.
- Maximum Drainage Area: 5 Acres

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS
HOWARD CO. DEPT. OF PUBLIC WORKS
DATE: 12/16/89
DATE: 12-18-89

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 12-17-89

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING
DATE: 12/27/89
DATE: 12/28/89

SEDIMENT CONTROL
by the Developer
*I/We certify that all development and construction will be done according to this plan, and that my 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.
Signature of Developer
DATE

By the Engineer
*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 Soil Conservation District.
Signature of Engineer
DATE

Reviewed for HOWARD S.C.D.
on the Technical Requirements.
Signature of Engineer
DATE: 12/16/89
Signature of Engineer
DATE: 12/16/89

DORSEY BUSINESS CENTER LIMITED PARTNERSHIP
6797 DORSEY ROAD
BALTIMORE, MD. 21227
PH. 796-3223

ENGINEERS ARCHITECTS PLANNERS SCIENTISTS SURVEYORS PHOTOGRAMMETRISTS
GREENHORNE & O'MARA, INC.
113 WEST ROAD, SUITE 208
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ANNAPOLIS, MD ATLANTA, GA AURORA, CO CULPEPER, VA EXPORT, PA FAIRFAX, VA
GREENBELT, MD MANASSAS, VA ROCKVILLE, MD RALEIGH, NC TAMPA, FL

SEDIMENT CONTROL NOTES AND DETAILS
DORSEY BUSINESS CENTER
PLAT 9016 TAX MAP 43 ZONE M-2 ZONING MAP 43
PARCEL 'J' SECTION I
HOWARD CO., MARYLAND FIRST ELECTION DISTRICT

K.A.M. DESIGN SCALE
CADD DRAWN
R.H.M. SHEET
CHECKED SHEET
DATE May, 1989
JOB No. B-1132-X
FILE No. SDP-89-255

