

APPENDIX A
EXISTING PARK

Real Property Data Search

Search Result for ANNE ARUNDEL COUNTY

View Map			View GroundRent Redemption			View GroundRent Registration			
Account Identifier:			District - 04 Subdivision - 000 Account Number - 00093772						
Owner Information									
Owner Name:		ANNE ARUNDEL COUNTY			Use:		EXEMPT COMMERCIAL		
Mailing Address:		DEPT OF REC & PARKS PO BOX 1831 ANNAPOLIS MD 21404			Principal Residence:		NO		
					Deed Reference:		/02715/ 00633		
Location & Structure Information									
Premises Address:		2899 STRAWBERRY LAKE WAY GAMBRILLS 21054-0000			Legal Description:		27.19 ACRES REC AREA 2899 STRAWBERRY LAKE WAY ODENTON PARK		
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No: Plat Ref:
0036	0005	0004		000				2017	
Special Tax Areas:				Town:		NONE			
				Ad Valorem:					
				Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use	
						27.1900 AC			
Stories	Basement	Type	Exterior	Full/Half Bath		Garage	Last Major Renovation		
Value Information									
			Base Value		Value		Phase-in Assessments		
					As of 01/01/2017		As of 07/01/2017		As of 07/01/2018
Land:			27,100		27,100				
Improvements			120,600		120,600				
Total:			147,700		147,700		147,700		147,700
Preferential Land:			0						0
Transfer Information									
Seller:				Date: 10/22/1974			Price: \$0		
Type:				Deed1: /02715/ 00633			Deed2:		
Seller:				Date:			Price:		
Type:				Deed1:			Deed2:		
Seller:				Date:			Price:		
Type:				Deed1:			Deed2:		
Exemption Information									
Partial Exempt Assessments:		Class			07/01/2017		07/01/2018		
County:		420			147,700.00		147,700.00		
State:		420			147,700.00		147,700.00		
Municipal:		420			0.00 0.00		0.00 0.00		
Tax Exempt:				Special Tax Recapture:					
Exempt Class:				NONE					
Homestead Application Information									
Homestead Application Status: No Application									

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No
Application

Date:

Real Property Data Search

Search Result for ANNE ARUNDEL COUNTY

View Map			View GroundRent Redemption			View GroundRent Registration			
Account Identifier:			District - 04 Subdivision - 000 Account Number - 90043960						
Owner Information									
Owner Name:		ANNE ARUNDEL COUNTY			Use:		EXEMPT		
Mailing Address:		C/O REAL ESTATE MGMNT 2662 RIVA RD FL4 ANNAPOLIS MD 21401-0000			Principal Residence:		NO		
					Deed Reference:		/03845/ 00177		
Location & Structure Information									
Premises Address:		2910 STRAWBERRY LAKE WAY ODENTON 21113-0000			Legal Description:		20.487 ACRES 2910 STRAWBERRY LAKE WAY FRANCIS STATION		
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0029	0022	0167		000				2017	Plat Ref:
Special Tax Areas:				Town:		NONE			
				Ad Valorem:					
				Tax Class:					
Primary Structure Built		Above Grade Living Area		Finished Basement Area		Property Land Area		County Use	
						20.4800 AC			
Stories	Basement	Type	Exterior	Full/Half Bath	Garage	Last Major Renovation			
Value Information									
			Base Value	Value	Phase-in Assessments				
				As of 01/01/2017	As of 07/01/2017		As of 07/01/2018		
Land:			20,400	20,400					
Improvements			0	0					
Total:			20,400	20,400	20,400		20,400		
Preferential Land:			0		0				
Transfer Information									
Seller:				Date: 01/29/1985		Price: \$120,000			
Type:				Deed1: /03845/ 00177		Deed2:			
Seller:				Date:		Price:			
Type:				Deed1:		Deed2:			
Seller:				Date:		Price:			
Type:				Deed1:		Deed2:			
Exemption Information									
Partial Exempt Assessments:		Class		07/01/2017		07/01/2018			
County:		501		20,400.00		20,400.00			
State:		501		20,400.00		20,400.00			
Municipal:		501		0.00 0.00		0.00 0.00			
Tax Exempt:				Special Tax Recapture:					
Exempt Class:				NONE					
Homestead Application Information									

Homestead Application Status: No Application

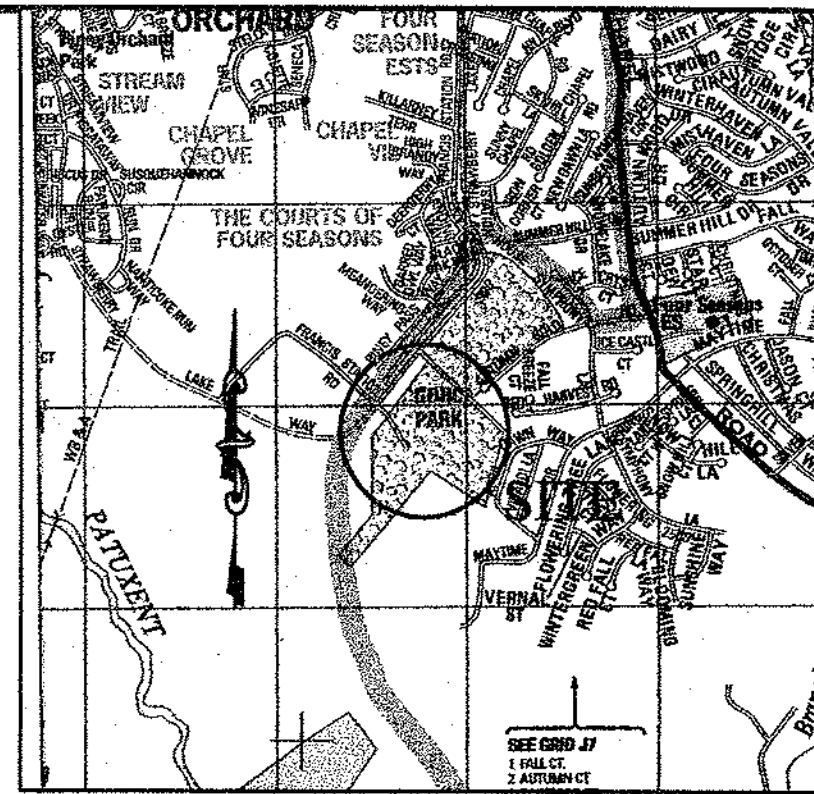
Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No
Application

Date:

GAMBRILLS-ODENTON RENOVATION COUNCIL (GORC) PARK - PARKING LOT RENOVATIONS

PROJECT #: CONTRACT



ADC PERMITTED USE NUMBER 21003176
VICINITY MAP
SCALE: 1"=2,000'

STANDARD RESPONSIBILITY NOTES

- (We) certify that:
 - All development and construction will be done in accordance with this sediment and erosion control plan, and further, authorize the right of entry for periodic on-site evaluation by the Anne Arundel Soil Conservation District Board of Supervisors or their authorized agents.
 - Any responsible personnel involved in the construction project will have a certificate of attendance from the Maryland Department of the Environment's approved training program for the control of sediment and erosion before beginning the project.
 - If applicable, the appropriate enclosure will be constructed and maintained on sediment basin(s) included in this plan. Such structure(s) will be in compliance with Article 21, Section 2-304 of the Anne Arundel County Code.
- The developer is responsible for the acquisition of all easements, rights, and/or rights-of-way that may be required for the sediment and erosion control practices, stormwater management practices and the discharge of stormwater onto or across adjacent or downstream properties included in this plan.
- Initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within seven calendar days for the surface all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1) and fourteen days for all other disturbed or graded areas on the project site. Temporary stabilization of the surface of perimeter controls, dikes, swales, ditches, and perimeter slopes may be allowed at the discretion of the sediment control inspector.
- The sediment control approvals on this plan extend only to areas and practices identified as proposed work.
- The approval of this plan for sediment and erosion control does not relieve the developer/consultant from complying with any Federal/State/County requirements pertaining to environmental issues.
- The developer must request that the Department of Inspections and Permits approve work completed in accordance with the approved erosion control plan.
- All material shall be taken to a site with an approved sediment and erosion control plan.
- On all sites with disturbed areas in excess of 2 acres, approval of the Department of Inspections and Permits shall be required on completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. This will require first phase inspections. Other building or grading inspection approvals may not be authorized until the initial approval by the Department of Inspections and Permits is given.
- Approval shall be requested on final stabilization of all sites with disturbed areas in excess of 2 acres before removal of controls.
- Existing topography must be field verified by responsible personnel to the satisfaction of the sediment control inspector prior to commencing work.

Signature(s) of Developer/Owner _____ Date _____
Print: Name: _____ Title: Asst. Chief Engineer
Address: 2662 Riva Road
Annapolis, Md. 21401
Telephone: (410) 222-7557

SHEET INDEX

SHEET 1: TITLE SHEET
SHEET 2: DEMOLITION PLAN
SHEET 3: GRADING/SEDIMENT CONTROL/SWM PLAN
SHEET 4: LANDSCAPE PLAN

Anne Arundel Soil Conservation District
Sediment and Erosion control approval
District Official _____ Date _____
AASCD # _____ SMALL POND # _____
Reviewed for technical Adequacy by
USDA, Natural Resources Conservation Service

CONSULTANT'S CERTIFICATION

"The Developer's plan to control silt and erosion is adequate to contain the silt and erosion on the property covered by the plan. I certify that this plan of erosion and sediment control represents a practical and workable plan based on my personal knowledge of this site, and was prepared in accordance with the requirements of the Anne Arundel Soil Conservation District Plan Submittal Guidelines and the current Maryland Standards and Specifications for Sediment and Erosion Control. I have reviewed this erosion and sediment control plan with the owner/developer."

Signature _____ MD PE Lic. # 21591 Date _____
MD Land Surveyor Lic. # _____ Date _____
Name (Print) WAYNE NEWTON Firm Name MESSICK & ASSOCIATES*
Address: 31 Old Solomons Island Road, Suite 201
Annapolis, Maryland 21401

CONSTRUCTION NOTES

- No sediment and erosion control devices may be removed without prior approval from the Anne Arundel County Inspector.
- Stabilize any disturbed area as soon as possible by permanent or temporary means.
- All temporary stock piles and excess material shall be removed to an approved spoil site. All borrow material shall be obtained from an approved site.
- It shall be the responsibility of the contractor or subcontractor to notify the engineer of any deviation to these plans prior to any change being made. Any change in these plans without the written authorization for said change from the engineer shall be the responsibility of the contractor or subcontractor.
- Utilities shown on these plans are in accordance with the best information available for the contractor. The contractor shall be responsible for locating and protecting all existing services and mains (public or private). The contractor shall obtain the services of a private utility locator to locate all existing private services and mains. The owners and engineer assume no responsibility for accuracy or completeness of the information shown. Existing mains and services shall be carefully protected and any damage to them caused by the work shall be immediately repaired to the satisfaction of the engineer by the contractor at the contractor's expense, using materials of the kinds damaged.
- The contractor shall call "MISS UTILITY", 1-800-257-7777, a minimum of 48 hours in advance of any excavation, boring, and/or digging to determine the location of underground utilities.
- The contractor shall notify the Anne Arundel County Department of Inspections and Permits, (410) 222-7780, two (2) days prior to beginning any construction.
- The contractor shall grade all areas within the area of construction as necessary to insure positive drainage.
- Coordinates shown on this drawing are based on the Maryland Plane, Coordinate System 1927 datum projected by the Planning and Zoning Commission of Anne Arundel County, Maryland.
- Elevations shown on this drawing are based on National Geodetic Vertical Datum of 1929 projected by the Planning and Zoning Commission of Anne Arundel County, Maryland.
- The Contractor shall be responsible for coordination of his construction with the construction by other contractors and subcontractors.
- All soil erosion control measures shall be in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- It shall be the contractor's responsibility to stabilize all disturbed areas in all seasons of the year at no additional costs to the County.
- Topography shown hereon taken from a survey by Design Tech Associates dated 1/05.

SITE DATA			
PROPERTY ADDRESS:	RECREATION AREA GAMBRILLS, MD 21054		
OWNER ADDRESS:	ANNE ARUNDEL COUNTY DEPT OF RECS & PARKS - P.O. BOX 1831 ANNAPOLIS, MARYLAND, 21404		
TAX MAP: 36	GRID: 5	PARCEL: 4	
ASSESSMENT DISTRICT:	4th		
TAX ACCOUNT NUMBER:	04-000-00093772		
EXISTING ZONING: R5	PROPOSED ZONING: R5		
FEMA RATE MAP NUMBER:	240008-0025 C		
FEMA RATE MAP ZONE:	C		
CRITICAL AREA MAP:	NONE		
CRITICAL AREA DESIGNATION:	NONE		
SOILS SURVEY MAP NUMBER:	17		
PREDOMINATE SOILS:	SIB2 - SASSAFRAS LOAM, 2-5% SLOPES, MODERATELY ERODED SIB2 - SASSAFRAS FINE SANDY LOAM, 2-5% SLOPES, MODERATELY ERODED SIC3 - SASSAFRAS FINE SANDY LOAM, 5-10% SLOPES, SEVERELY ERODED		
EXISTING USE: PARKING & RECREATION	PROPOSED USE: PARKING		
TOTAL SITE AREA:	1,184,396 s.f.	27.19 Ac.	
DISTURBED AREA	42,924 s.f	0.99 Ac.	
AREA TO BE VEGETATIVELY STABILIZED:	15,198 s.f.	0.35 Ac.	
AREA TO BE STRUCTURALLY STABILIZED:	27,726 s.f	0.64 Ac.	

LOCATION MAP

SCALE: 1"=500'

SEQUENCE OF CONSTRUCTION

- Obtain all necessary approvals, permits, and easements. The contractor must notify the Anne Arundel County Department of Inspection and Permits, Sediment and Erosion Control Division (410) 222-7780 at least 48 hours prior to beginning any work.
- Install SCE & Perimeter controls.
- Perform site demolition as shown on approved plan & rough grade new parking lots & roadways.
- Install aggregate & bituminous paving and sidewalks.
- Topsoil, seed and mulch; install landscaping & complete lighting installation.

Note: Small Temporary Stockpiles may be created within the limits of disturbance as long as any erodible material is directed to a sediment control device.
Max. stockpile height = 6' Max. side slope = 3:1

Following initial soil disturbances or redistribution, permanent or temporary stabilization shall be completed within seven calendar days for 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 days for all other disturbed or graded areas on the project site.

Permanent Seeding:

- Soil Tests: Lime and fertilizer will be applied per soil tests results for sites greater than 5 acres. Soil tests will be done at completion of initial rough grading or as recommended by the sediment control inspector. Rate and analyses will be provided to the grading inspector as well as the contractor.

- Occurrence of acid sulfate soils (grayish black color) will require covering with a minimum of 12 inches of clean soil with 6 inches minimum capping of top soil. No stockpiling of material is allowed. If needed, soil tests should be done before and after a 6-week incubation period to allow oxidation of sulfides.

The minimum soil conditions required for permanent vegetative establishment are:

- Soil pH shall be between 6.0 and 7.0.
- Soluble salts shall be less than 500 parts per million (ppm).
- The soil shall contain less than 40% clay but enough fine grained material (30% silt plus clay) to provide the capacity to hold a moderate amount of moisture. An exception is if horgrass or sorrel impede it to be planted, then a sandy soil < 30% silt plus clay would be acceptable.
- Soil shall contain 15% minimum organic matter by weight.
- Soil must contain sufficient pore space to permit adequate root penetration.
- If these conditions cannot be met by soils on site, adding topsoil is required in accordance with Section 21 Standard and Specification for Topsoil or amendments made as recommended by a certified agronomist.

District Details and Specifications for Vegetative Establishment Continued:

- Seedbed Preparation: Area to be seeded shall be loose and friable to a depth of at least 1 inches. The top layer shall be loosened by raking, digging or other acceptable means before seeding occurs. For sites less than 5 acres, apply 100 pounds dolomitic limestone and 21 pounds of 10-10-10 fertilizer per 1,000 square feet. Harrow or disk lime and fertilizer into the soil to a depth of at least 3 inches on slopes flatter than 3:1.

- Seeding: Apply 5-6 pounds per 1,000 square feet of tall fescue between February 1 and April 30 or between August 15 and October 31. Apply seed uniformly on a moist firm seedbed with a cyclone seeder, catenary seeder or hydro seeder (slurry includes seeds and fertilizer, recommended on steep slopes only). Maximum seed depth should be 1/4 inch in clayey soils and 1/2 inch in sandy soils when using other than the hydroseeder method. Insulate where necessary to support adequate growth until vegetation is firmly established. If other seed mixes are to be used, select from Table 25, entitled "Permanent Seeding For Low Maintenance Areas" from the current Standards and Specifications for Soil Erosion and Sediment Control. Mixes suitable for sites 1, 3, and 5-7. Mixes 5-7 are suitable in non-movable situations.

- Matching: Mulch shall be applied to all seeded areas immediately after seeding. During the time periods when seeding is not permitted, mulch shall be applied immediately after grading.

- Mulch shall be untreated, undropped, small grain straw applied at a rate of 2 tons per acre or 50 pounds per 1,000 square feet (2 beds). If a mulch anchoring tool is used, apply 2.5 tons per acre. Mulch material shall be relatively free of all kinds of weeds and shall be completely free of prohibited noxious weeds. Spread mulch uniformly, mechanically or by hand, to a depth of 1-2 inches.

- Securing Straw Mulch: Straw mulch shall be secured immediately following mulch application to minimize movement by wind or water. The following methods are permitted:

- Use a mulch-anchoring tool which is designed to punch and anchor mulch into the soil surface to a minimum depth of 1 inch. This is the most effective method for securing mulch, however, it is limited to relatively flat areas where equipment can operate safely.
- Wood cellulose fiber may be used for anchoring straw. Apply the fiber binder at a wet dry weight of 750 pounds per acre. If mixed with water, use 50 pounds of wood cellulose fiber per 100 gallons of water.

District Details and Specifications for Vegetative Establishment Continued:

- Liquid binders may be used. Apply at higher rates at the edges where wind catches mulch, such as in valleys and on crests of slopes. The remainder of the area should appear uniform after binder application. Binders listed in the 1994 Standards and Specifications for Soil Erosion and Sediment Control or approved equal shall be applied at rates recommended by the manufacturers.
- Lightweight plastic netting may be used to secure mulch. The netting will be stapled to the ground according to manufacturer's recommendations.

Temporary Seeding:

Lime: 100 pounds of dolomitic limestone per 1,000 square feet.

Fertilizer: 15 pounds of 10-10-10 per 1,000 square feet.

Seed: Perennial ryegrass - 0.92 pounds per 1,000 square feet (February 1 through April 30 or August 15 through November 1).

Millers - 0.92 pounds per 1,000 square feet (May through August 15).

- Mulch: Same as 1 D and 3 above.
No fills may be placed on frozen ground. All fill to be placed in approximately horizontal layers, each layer having a loose thickness of not more than 8 inches. All fill in roadways and parking areas is to be classified Type 2 as per Anne Arundel County Code - Article 21, Section 2-308, and compacted to 90% density; compaction to be determined by ASTM D-1557-69T (Modified Proctor). Any fill within the building area is to be compacted to a minimum of 90% density as determined by methods previously mentioned. Fills for pond embankments shall be compacted as per MD-178 Construction Specifications. All other fills shall be compacted sufficiently so as to be stable and prevent erosion and slippage.

Permanent Sod:

Installation of sod should follow permanent seeding dates. Seedbed preparation for sod shall be as noted in section (B) above. Permanent sod is to be tall fescue, state approved sod, lime and fertilizer per permanent seeding specifications and lightly irrigate soil prior to laying sod. Sod is to be laid on the contour with all ends tightly abutting. Joints are to be staggered between rows. Water and soil to keep sod to insure positive root contact with the soil. All slopes steeper than 3:1, as shown, are to be permanently seeded or protected with an approved erosion control netting. Additional watering for establishment may be required. Sod is not to be installed on frozen ground. Sod shall not be transplanted when moisture content (dry or wet) or extreme temperature may adversely affect its survival. In the absence of adequate rainfall, irrigation should be performed to ensure establishment of sod.

5. Mining Operations:

Sediment control plans for mining operations must include the following seeding dates and mixtures:

For seeding dates of:

February 1 through April 30 and August 15 through October 31, use seed mixture of tall fescue at the rate of 2 pounds per 1,000 square feet and sorrel impede at the minimum rate of 0.5 pounds per 1,000 square feet.

6. Topsoil shall be applied as per the Standard and Specifications for Topsoil from the current Maryland Standards and Specifications for Soil Erosion and Sediment Control.

NOTE: Use of this information does not preclude meeting all of the requirements of the current Maryland Standards and Specifications for Soil Erosion and Sediment Control.

NOTE: Projects within 4 miles of the BWI Airport will need to adhere to Maryland Aviation Administration's seeding specifications restrictions.

STORMWATER MANAGEMENT NOTE

Stormwater Management requirements (water quality and recharge volume) are being satisfied for this re-development project by Land use Credits. Natural Area Conservation Credits apply to the Water Quality Volume requirements and the Forest Conservation Easement required by State Code (20% off site) provides the required 0.4 Acres of Non-Structural Recharge Volume management. Channel Protection Volume Overbank Flood Protection are not required since this Project is classified Re-development.

MESSICK & ASSOCIATES



CONSULTING ENGINEERS
31 OLD SOLOMONS ISLAND RD., SUITE 201
ANNAPOLIS, MARYLAND 21401
(410) 266-3212 * FAX (410) 266-3502

* MESSICK GROUP, INC. T/A MESSICK AND ASSOCIATES

REVISION DESCRIPTION

BY DATE

ANNE ARUNDEL COUNTY

DEPARTMENT OF PUBLIC WORKS

REVISED DATE	BY	APPROVED	DATE	APPROVED	DATE
		CHIEF ENGINEER		PROJECT MANAGER	
		APPROVED	DATE	APPROVED	DATE
		ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY	

SCALE: AS SHOWN

DRAWN BY: BPO

CHECKED BY: WAN

SHEET 1 OF 4

PROJECT NO.

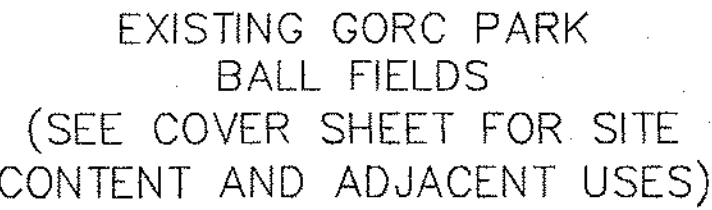
PROPOSAL NO.

TITLE SHEET

**GAMBRILLS-ODENTON
RENOVATION COUNCIL
(GORC) PARK**

PARKING LOT RENOVATION

JANUARY 2005
ANNE ARUNDEL COUNTY, MD.



	STABILIZE CONSTRUCTION ENTRANCE
	PROPOSED GRAVEL OVERLAY PAVING
	PROPOSED OVERLAY PAVING
	PROPOSED FULL DEPTH PAVING
	PROPOSED ASPHALT SIDEWALK
	PROPOSED CONTOUR
	LIMIT OF DISTURBANCE
	SILT FENCE
	EX. SPLIT RAIL FENCE
	EXISTING CONTOUR
	EXISTING TREE LINE
	EXISTING CHAIN LINK FENCE
	PROPERTY LINE
	EXISTING SPOT SHOT
	PROPOSED SPOT SHOT
	EXISTING TREE TO REMAIN
	EXISTING TIMBER GUARD RAIL
	EXISTING EDGE OF PAVEMENT

The drawing consists of two views: a **PROFILE** view at the top and a **PLAN** view at the bottom.

PROFILE View: Shows a cross-section of the trench. The existing ground is on the left. The trench is filled with aggregate (stippled pattern) and a pipe is laid across it. A geotextile layer (dashed line) is placed over the aggregate. A mounded berm (6" min.) is shown on the right. Dimensions include a 50' minimum length for the geotextile, a 3' width for the aggregate, and a minimum 6" of 2"-3" aggregate over the pipe. Labels include "EXISTING PAVEMENT", "EARTH FILL", "PIPE AS NECESSARY", and "STRUCTURE".

PLAN View: Shows a top-down view of the trench. The trench is filled with aggregate. The geotextile is shown as a dashed line. Dimensions include a 50' minimum length, a 10' minimum width, and a 10' minimum distance from the existing pavement. Labels include "EXISTING PAVEMENT".

STANDARD SYMBOL: A box containing the text "SCE" and a stippled pattern representing aggregate.

Construction Specification

1. Length - minimum of 50' (*30' for single residence lot).
2. Width - 10' minimum, should be flared at the existing road to provide a turning radius.
3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.
4. Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipes installed through the stabilized construction entrance shall be protected with a 6" mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipes have to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 17 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
---	--------------------	---

SCALE: 1"=20'

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

PERSPECTIVE VIEW

10" MAXIMUM CENTER TO CENTER

36" MINIMUM LENGTH FENCE POST, DRIVEN A MINIMUM OF 16" INTO GROUND

16" MINIMUM HEIGHT OF GEOTEXTILE CLASS F

8" MINIMUM DEPTH IN GROUND

FLOW

FLOW

TOP VIEW

POSTS

SECTION A

SECTION B

STAPLE

STAPLE

CROSS SECTION

36" MINIMUM FENCE POST LENGTH

FLOW

FILTER CLOTH

EMBED GEOTEXTILE CLASS F A MINIMUM OF 8" VERTICALLY INTO THE GROUND

FENCE POST SECTION MINIMUM 20" ABOVE GROUND

UNDISTURBED GROUND

FENCE POST DRIVEN A MINIMUM OF 16" INTO THE GROUND

JOINING TWO ADJACENT SILT FENCE SECTIONS

STANDARD SYMBOL

— SF —

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

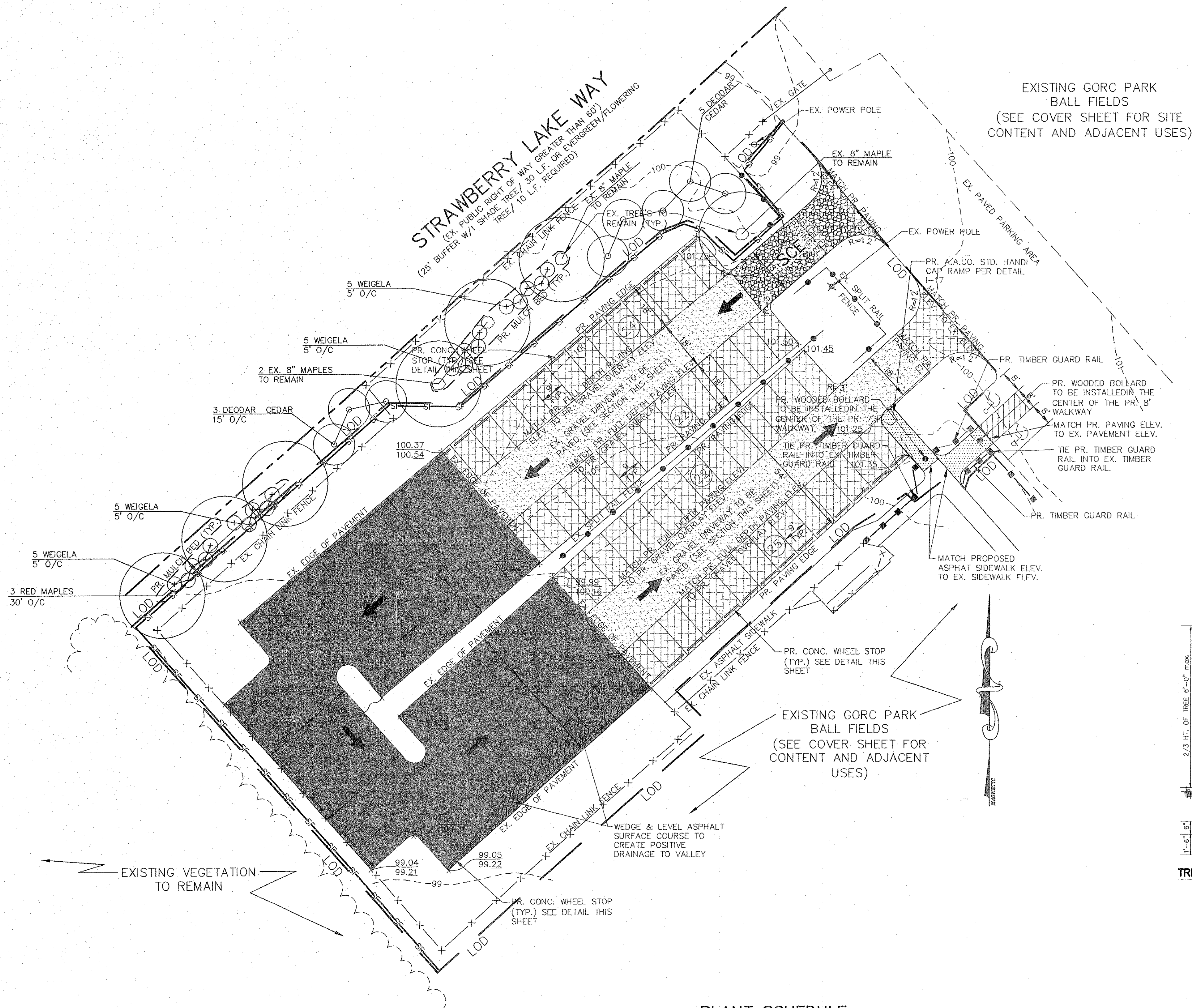
SCALE: 1"=20'



* MESSICK GROUP, INC. T/A MESSICK AND ASSOCIATES

REVISED		APPROVED	DATE	APPROVED	DATE
DATE	BY				
		CHIEF ENGINEER		PROJECT MANAGER	
		APPROVED	DATE	APPROVED	DATE
		ASSISTANT CHIEF ENGINEER		CHIEF RIGHT OF WAY	

JANUARY 2005
ANNE ARUNDEL COUNTY, MD.



SCALE: 1"=20'

PLANT SCHEDULE

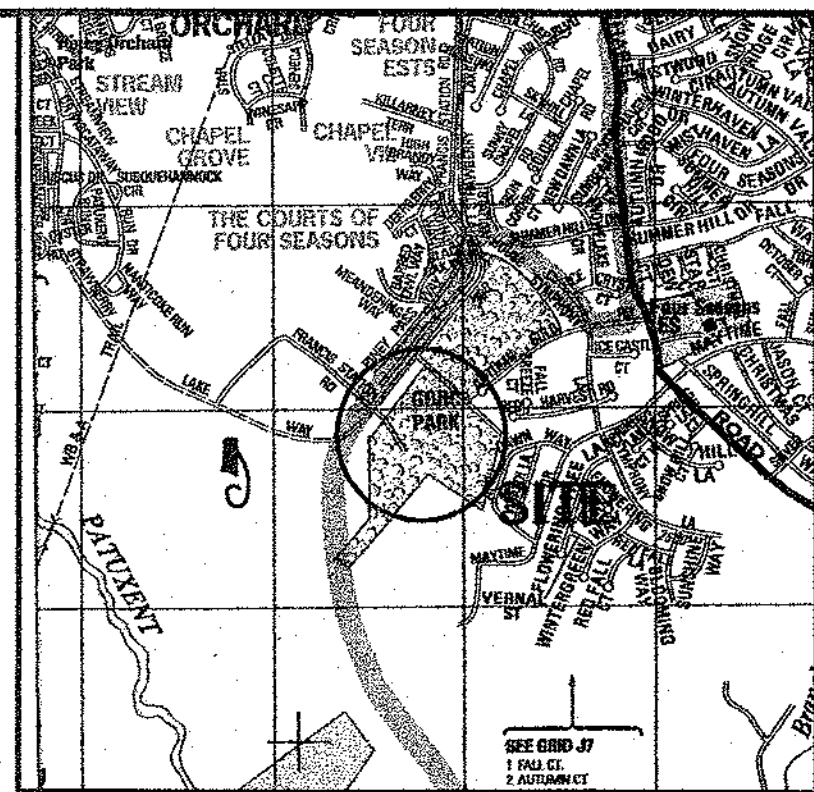
QTY.	SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	SPACING	ROOT
3	AR	2-2 1/2" Cal.	Acer rubrum 'October Glory'	October Glory Red Maple	30' o.c.	B & B
8	CD	6' Ht.	Cedrus deodora	Deodar Cedar	15' o.c.	B & B
20	WF	2-2 1/2' Ht.	Weigela florida	Weigela	5' o.c.	Cont.

PLANTING NOTES:

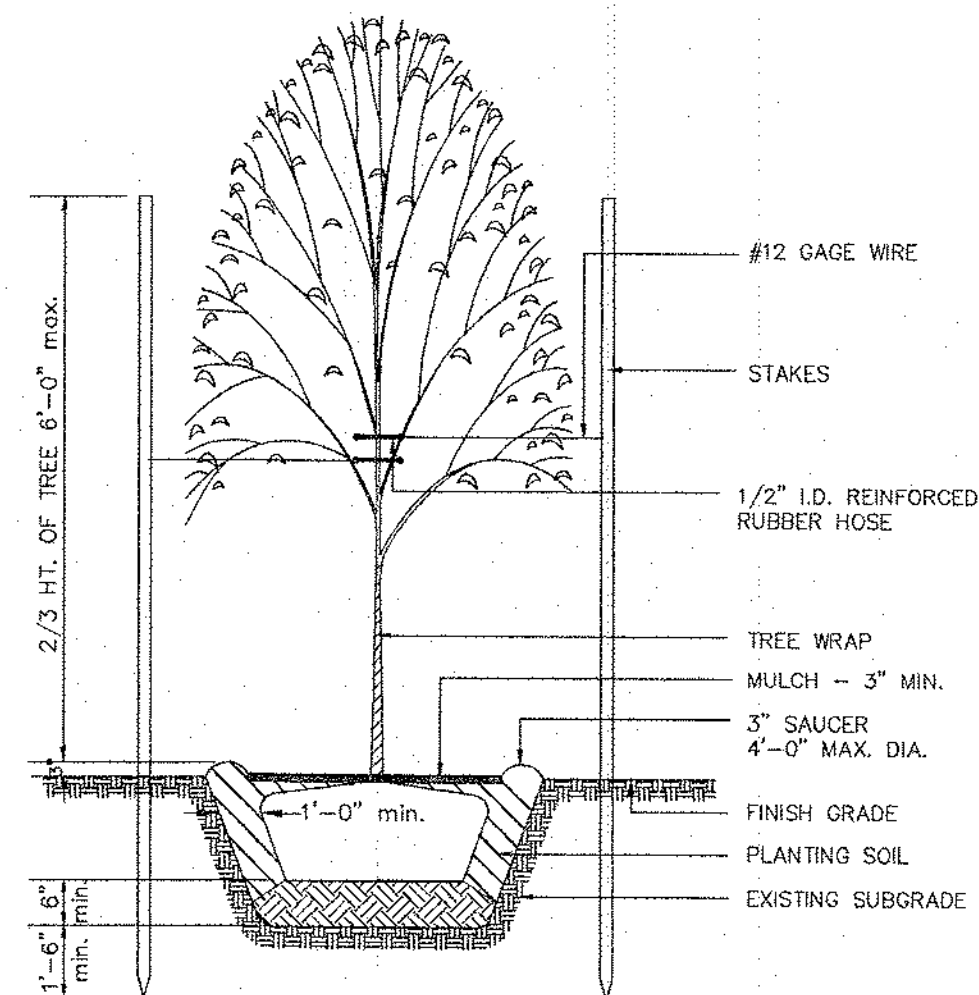
- All plants shall be nursery grown.
- All plants shall conform to the standards of AAN. They shall be typical of their species or variety and shall have a normal habit of growth. They shall be sound, healthy and vigorous, well-branched and densely foliated when in leaf. They shall be free of disease and insect pests, eggs, or larvae. They shall have healthy, well-developed root systems.
- No substitutions shall be made without the approval of the landscape architect.
- Balled and burlapped plants shall be dug with firm natural balls of earth, of diameter and depth to include most of the fibrous roots. Container grown stock shall have been grown in a container long enough for the root system to be well developed sufficiently to hold its soil together firm and whole. No plants shall be loose in the container.
- Root balls of all plants shall be adequately protected at all times from sun and drying winds or frost.
- Owner or his representative shall be notified prior to beginning planting operations.
- All trees shall be wrapped immediately after they are planted. Approved tree wrap shall be installed according to accepted industry practice.
- Each tree and shrub shall be pruned in accordance with the American Association of Nurserymen Standards to preserve the natural character of the plant. All dead wood or suckers and all broken or badly bruised branches shall be removed. Cuts over 1" in diameter shall be painted with an approved tree paint.
- Mulch: immediately after planting operations are completed all trees and shrub planting pits shall be covered with a 2" layer of Shredded Hardwood Bark Mulch or other material approved by the owner or his representative. The limit of this mulch for trees shall be the area of the pit and for shrubs in beds, the entire area of the shrub bed.
- Trees in leaf when planted shall be treated with anti-desiccant such as Wilt-proof.
- Conditions detrimental to plants: the contractor shall notify the project representative in writing of all soil or drainage conditions which the contractor considers detrimental to the growth of plants. He shall state the conditions and submit a proposal for correcting the conditions, including any change in cost for review and acceptance by the project representative.
- Minor adjustments to tree location may be necessary due to field conditions and final grading. The contractor shall notify the owner if major adjustments are required.
- All plants shall be #1 Grade.

NOTE:

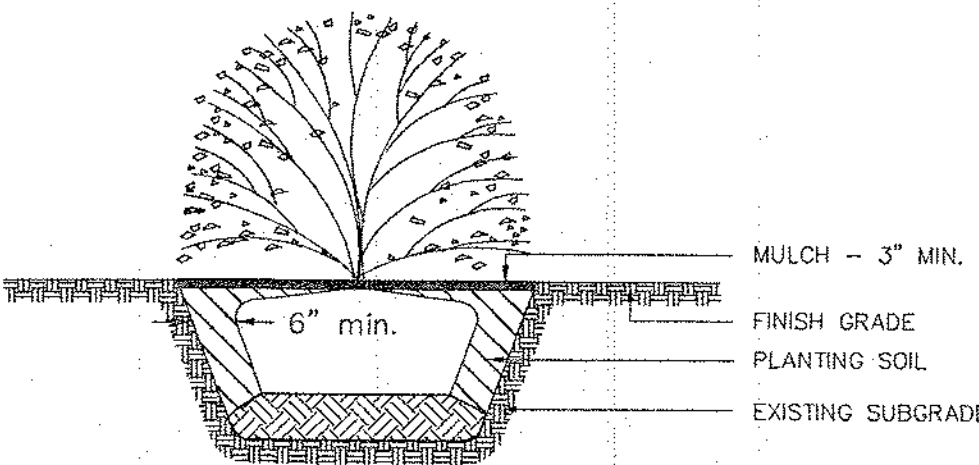
ALL DISTURBED AREAS NOT BEING STRUCTURALLY STABILIZED SHALL RECEIVE 4" OF FURNISHED TOPSOIL, SEED AND MULCH.



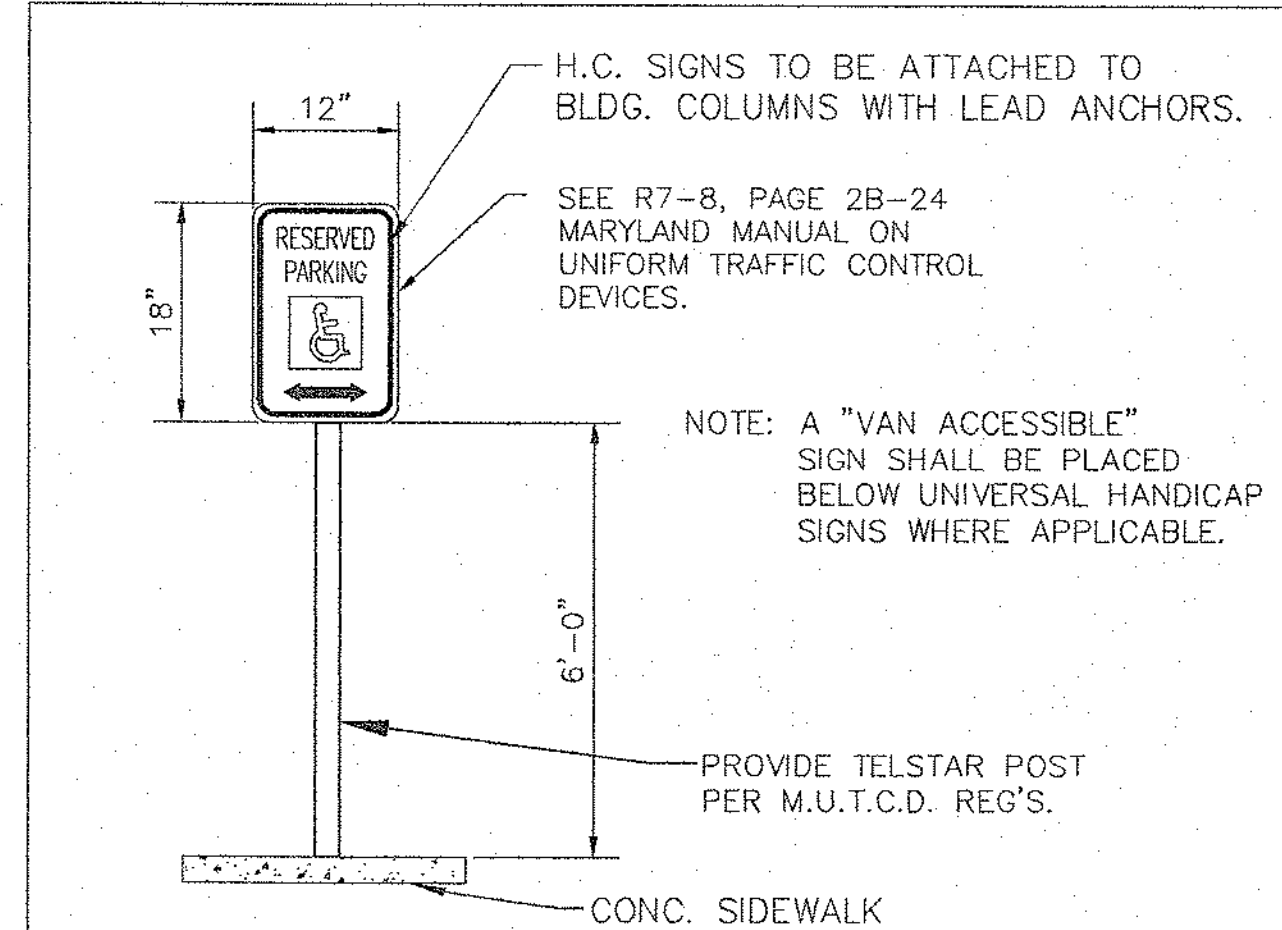
ADC PERMITTED USE NUMBER 21003176
VICINITY MAP
SCALE: 1"=2,000'



TREE PLANTING DETAIL - LESS THAN 4" CAL.



SHRUB PLANTING DETAIL

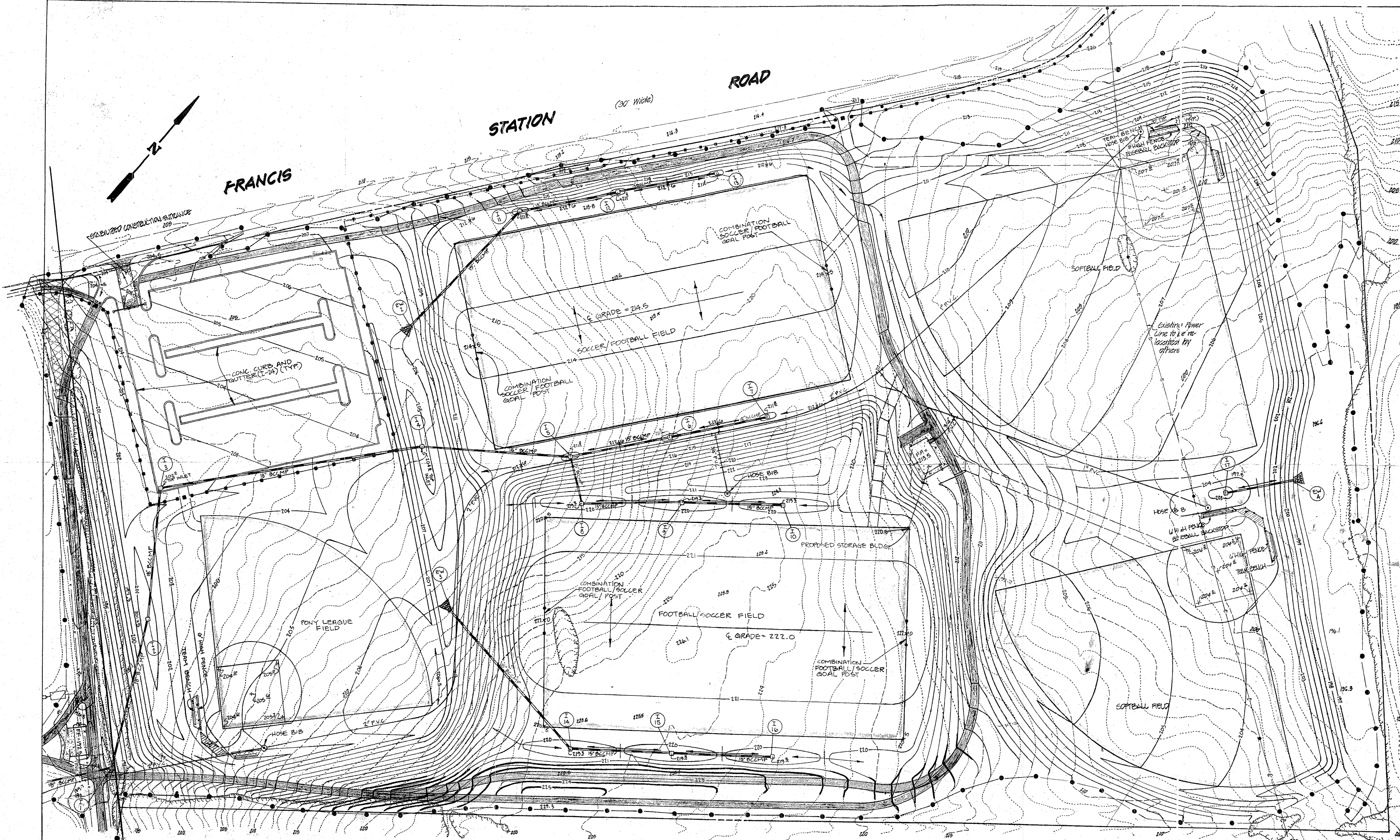


HANDICAP SIGN PLACEMENT DETAIL
N.T.S.

LANDSCAPING NOTE:

THE PROPOSED PARKING LOT ALTERATION RESULTS IN A NET INCREASE OF LESS THAN 50 %, THEREFORE, ONLY SCREENING FROM RIGHTS-OF-WAY AND ADJACENT PROPERTIES WILL BE REQUIRED IN ACCORDANCE WITH THE ANNE ARUNDEL COUNTY LANDSCAPE MANUAL.

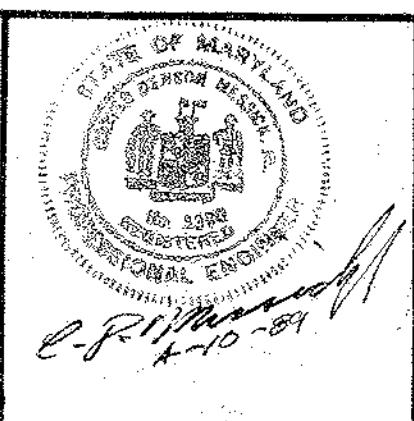
MESSICK & ASSOCIATES CONSULTING ENGINEERS 31 OLD SOLOMONS ISLAND RD., SUITE 201 ANNAPOLIS, MARYLAND 21401 (410) 266-3212 * FAX (410) 266-3502 * MESSICK GROUP, INC. T/A MESSICK AND ASSOCIATES				ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS				LANDSCAPE PLAN GAMBRILLS-ODENTON RENOVATION COUNCIL (GORC) PARK PARKING LOT RENOVATION JANUARY 2005 ANNE ARUNDEL COUNTY, MD.	
				REVISION DATE	DESCRIPTION BY	APPROVED DATE	APPROVED DATE		SCALE: AS SHOWN DRAWN BY: BPO CHECKED BY: WAN SHEET 4 OF 4 PROJECT NO. PROPOSAL NO.
				CHIEF ENGINEER APPROVED		PROJECT MANAGER APPROVED			CHIEF, RIGHT OF WAY
				ASSISTANT CHIEF ENGINEER		CHIEF, RIGHT OF WAY			



MATCH LINE
SEE SHEET 6 OF 6

PRINTED
DATE: 2-23-90
MESSICK & ASSOCIATES, INC.

MESSICK & TRIBETT INC.
LAND DEVELOPMENT CONSULTANTS
111 CHINQUAPIN ROUND RD. SUITE 104
ANNAPOLIS, MD. 21401
PHONE: (301) 268-8456



NO.	REVISION	DATE	BY

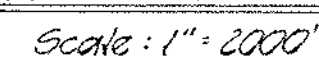
APPROVED
[Signature]
CHIEF,
GENERAL ENGINEERING DIVISION
DATE: MARCH 1989
PROJECT ENGINEER

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS
SCALE: 1" = 40'
SHEET NO. 7 OF 15
PROJECT NO. P 3113
PROPOSED NO. 12078-G
4th Tax District
Scale: 1" = 40'
ANNE ARUNDEL CO., MD.
MARCH, 1989
ODONTON PK 145

GENERAL NOTES

- # MASTER LEGEND

PROPOSED PARKING LOT PAVING



1. BOUNDARY & TOPOGRAPHIC SURVEYS.
2. HORSE SHOE PIT DETAIL.
3. EXERCISE STATION LAYOUT.
4. BENCHES & ANCHOR DETAILS.
5. BASE BALL BACKSTOP DETAILS.
6. GENERAL LAYOUT OF PARKING LOT & SOFT BALL FIELDS.
7. ENTRANCE SIGN DETAIL.
8. LANDSCAPE PLANT MATERIAL CHART.
9. MISCELLANEOUS ITEMS, NOTES, DETAILS, & PORTIONS OF COVER SHEET.

TOTAL SITE AREA— 47.677 Ac.±
TOTAL DISTURBED AREA— 22.21 Ac.±
AREA TO BE STRUCTURALLY STABILIZED— 2.70 Ac.±
AREA TO BE VEGETATIVELY STABILIZED— 19.51 Ac.±

APPROVED BY JUDICIAL AUTHORITY

Lillian M. Driffill / el

DEPUTY ATTORNEY GENERAL

5-24-89 MAY 24 1989

Sheet No.1	Title Sheet
Sheet No. 2	Drainage Area Map
Sheet No.3	Dimensional Site Plan
Sheet No. 4	Dimensional Site Plan
Sheet No.5	Dimensional Site Plan: Details, Plant List
Sheet No.6	SITE AND GRADING PLAN
Sheet No. 7	SITE AND GRADING PLAN
Sheet No.8	SEDIMENT AND EROSION CONTROL PLAN
Sheet No.9	SEDIMENT AND EROSION CONTROL PLAN
Sheet No.10	SEDIMENT AND EROSION CONTROL PLAN
Sheet No.11	PROFILE SHEET
Sheet No.12.	PROFILE SHEET
Sheet No.13.	SEPTIC PLAN
Sheet No.14	DETAIL SHEET
Sheet No.15	REC'S PARKS STANDARD STORAGE BUILDING DETAILS

STORM DRAIN STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	INLET EL.	A.A. CO.	STD. PLATE
1	TYPE A-1 MANHOLE	179.5	174.7	182.8		D-11
2	STD. METAL END SECTION	—	183.0	—		D-16
3	STD. METAL END SECTION	—	205.7	—		D-716
4	STD. METAL END SECTION	—	206.6	—		D-716
5	STD. METAL END SECTION	—	196.6	—		D-716
6	TYPE SD INLET	174.1	—	—		D-77
7	TYPE SD INLET	187.8	187.0	191.0		D-41
8	STD. W/R. INLET	194.16	193.50	200.0		D-43
9	STD. SD INLET	196.32	196.11	202.0		D-44
10	STD. SD INLET	200.26	200.11	204.4		D-43
11	STD. W/R. INLET	200.9	206.6	211.8		D-46
12	STD. W/R. INLET	208.0	207.8	211.8		D-46
13	STD. W/R. INLET	—	209.0	211.8		D-46
14	STD. W/R. INLET	—	209.3	211.8		D-416
15	STD. W/R. INLET	—	210.6	211.8		D-416
16	STD. W/R. INLET	—	211.8	211.8		D-416
17	STD. W/R. INLET	—	212.5	211.8		D-416
18	STD. W/R. INLET	—	213.6	211.8		D-416
19	STD. W/R. INLET	—	216.0	211.8		D-416
20	STD. W/R. INLET	—	217.6	211.8		D-416
21	STD. W/R. INLET	—	219.3	211.8		D-416
22	STD. W/R. INLET	—	221.0	211.8		D-416
23	STD. W/R. INLET	—	222.7	211.8		D-416
24	STD. W/R. INLET	—	224.4	211.8		D-416
25	STD. W/R. INLET	—	226.1	211.8		D-416
26	STD. W/R. INLET	—	227.8	211.8		D-416
27	STD. W/R. INLET	—	229.5	211.8		D-416
28	STD. W/R. INLET	—	231.2	211.8		D-416
29	STD. W/R. INLET	—	232.9	211.8		D-416
30	STD. W/R. INLET	—	234.6	211.8		D-416
31	STD. W/R. INLET	—	236.3	211.8		D-416
32	STD. W/R. INLET	—	238.0	211.8		D-416
33	STD. W/R. INLET	—	239.7	211.8		D-416
34	STD. W/R. INLET	—	241.4	211.8		D-416
35	STD. W/R. INLET	—	243.1	211.8		D-416
36	STD. W/R. INLET	—	244.8	211.8		D-416
37	STD. W/R. INLET	—	246.5	211.8		D-416
38	STD. W/R. INLET	—	248.2	211.8		D-416
39	STD. W/R. INLET	—	250.0	211.8		D-416
40	STD. W/R. INLET	—	251.7	211.8		D-416
41	STD. W/R. INLET	—	253.4	211.8		D-416
42	STD. W/R. INLET	—	255.1	211.8		D-416
43	STD. W/R. INLET	—	256.8	211.8		D-416
44	STD. W/R. INLET	—	258.5	211.8		D-416
45	STD. W/R. INLET	—	260.2	211.8		D-416
46	STD. W/R. INLET	—	261.9	211.8		D-416
47	STD. W/R. INLET	—	263.6	211.8		D-416
48	STD. W/R. INLET	—	265.3	211.8		D-416
49	STD. W/R. INLET	—	267.0	211.8		D-416
50	STD. W/R. INLET	—	268.7	211.8		D-416
51	STD. W/R. INLET	—	270.4	211.8		D-416
52	STD. W/R. INLET	—	272.1	211.8		D-416
53	STD. W/R. INLET	—	273.8	211.8		D-416
54	STD. W/R. INLET	—	275.5	211.8		D-416
55	STD. W/R. INLET	—	277.2	211.8		D-416
56	STD. W/R. INLET	—	278.9	211.8		D-416
57	STD. W/R. INLET	—	280.6	211.8		D-416
58	STD. W/R. INLET	—	282.3	211.8		D-416
59	STD. W/R. INLET	—	284.0	211.8		D-416
60	STD. W/R. INLET	—	285.7	211.8		D-416
61	STD. W/R. INLET	—	287.4	211.8		D-416
62	STD. W/R. INLET	—	289.1	211.8		D-416
63	STD. W/R. INLET	—	290.8	211.8		D-416
64	STD. W/R. INLET	—	292.5	211.8		D-416
65	STD. W/R. INLET	—	294.2	211.8		D-416
66	STD. W/R. INLET	—	295.9	211.8		D-416
67	STD. W/R. INLET	—	297.6	211.8		D-416
68	STD. W/R. INLET	—	299.3	211.8		D-416
69	STD. W/R. INLET	—	301.0	211.8		D-416
70	STD. W/R. INLET	—	302.7	211.8		D-416
71	STD. W/R. INLET	—	304.4	211.8		D-416
72	STD. W/R. INLET	—	306.1	211.8		D-416
73	STD. W/R. INLET	—	307.8	211.8		D-416
74	STD. W/R. INLET	—	309.5	211.8		D-416
75	STD. W/R. INLET	—	311.2	211.8		D-416
76	STD. W/R. INLET	—	312.9	211.8		D-416
77	STD. W/R. INLET	—	314.6	211.8		D-416
78	STD. W/R. INLET	—	316.3	211.8		D-416
79	STD. W/R. INLET	—	318.0	211.8		D-416
80	STD. W/R. INLET	—	319.7	211.8		D-416
81	STD. W/R. INLET	—	321.4	211.8		D-416
82	STD. W/R. INLET	—	323.1	211.8		D-416
83	STD. W/R. INLET	—	324.8	211.8		D-416
84	STD. W/R. INLET	—	326.5	211.8		D-416
85	STD. W/R. INLET	—	328.2	211.8		D-416
86	STD. W/R. INLET	—	329.9	211.8		D-416
87	STD. W/R. INLET	—	331.6	211.8		D-416
88	STD. W/R. INLET	—	333.3	211.8		D-416
89	STD. W/R. INLET	—	335.0	211.8		D-416
90	STD. W/R. INLET	—	336.7	211.8		D-416
91	STD. W/R. INLET	—	338.4	211.8		D-416
92	STD. W/R. INLET	—	340.1	211.8		D-416
93	STD. W/R. INLET	—	341.8	211.8		D-416
94	STD. W/R. INLET	—	343.5	211.8		D-416
95	STD. W/R. INLET	—	345.2	211.8		D-416
96	STD. W/R. INLET	—	346.9	211.8		D-416
97	STD. W/R. INLET	—	348.6	211.8		D-416
98	STD. W/R. INLET	—	350.3	211.8		D-416
99	STD. W/R. INLET	—	352.0	211.8		D-416
100	STD. W/R. INLET	—	353.7	211.8		D-416
101	STD. W/R. INLET	—	355.4	211.8		D-416
102	STD. W/R. INLET	—	357.1	211.8		D-416
103	STD. W/R. INLET	—	358.8	211.8		D-416
104	STD. W/R. INLET	—	360.5	211.8		D-416
105	STD. W/R. INLET	—	362.2	211.8		D-416
106	STD. W/R. INLET	—	363.9	211.8		D-416
107	STD. W/R. INLET	—	365.6	211.8		D-416
108	STD. W/R. INLET	—	367.3	211.8		D-416
109	STD. W/R. INLET	—	369.0	211.8		D-416
110	STD. W/R. INLET	—	370.7	211.8		D-416
111	STD. W/R. INLET	—	372.4	211.8		D-416
112	STD. W/R. INLET	—	374.1	211.8		D-416
113	STD. W/R. INLET	—	375.8	211.8		D-416
114	STD. W/R. INLET	—	377.5	211.8		D-416
115	STD. W/R. INLET	—	379.2	211.8		D-416
116	STD. W/R. INLET	—	380.9	211.8		D-416
117	STD. W/R. INLET	—	382.6	211.8		D-416
118	STD. W/R. INLET	—	384.3	211.8		D-416
119	STD. W/R. INLET	—	386.0	211.8		D-416
120	STD. W/R. INLET	—	387.7	211.8		D-416
121	STD. W/R. INLET	—	389.4	211.8		D-416
122	STD. W/R. INLET	—	391.1	211.8		D-416
123	STD. W/R. INLET	—	392.8	211.8		D-416
124	STD. W/R. INLET	—	394.5	211.8		D-416
125	STD. W/R. INLET	—	396.2	211.8		D-416
126	STD. W/R. INLET	—	397.9	211.8		D-416
127	STD. W/R. INLET	—	399.6	211.8		D-416
128	STD. W/R. INLET	—	401.3	211.8		D-416
129	STD. W/R. INLET	—	403.0	211.8		D-416
130	STD. W/R. INLET	—	404.7	211.8		D-416
131	STD. W/R. INLET	—	406.4	211.8		D-416
132	STD. W/R. INLET	—	408.1	211.8		D-416
133	STD. W/R. INLET	—	409.8	211.8		D-416
134	STD. W/R. INLET	—	411.5	211.8		D-416
135	STD. W/R. INLET	—	413.2	211.8		D-416
136	STD. W/R. INLET	—	414.9	211.8		D-416
137	STD. W/R. INLET	—	416.6	211.8		D-416
138	STD. W/R. INLET	—	418.3	211.8		D-416
139	STD. W/R. INLET	—	420.0	211.8		D-416
140	STD. W/R. INLET	—	421.7	211.8		D-416
141	STD. W/R. INLET	—	423.4	211.8		D-416
142	STD. W/R. INLET	—	425.1	211.8		D-416
143	STD. W/R. INLET	—	426.8	211.8		D-416
144	STD. W/R. INLET	—	428.5	211.8		D-416
145	STD. W/R. INLET	—	430.2	211.8		D-416
146	STD. W/R. INLET	—	431.9	211.8		D-416
147	STD. W/R. INLET	—	433.6	211.8		D-416
148	STD. W/R. INLET	—	435.3	211.8		D-416
149	STD. W/R. INLET	—	437.0	211.8		D-416
150	STD. W/R. INLET	—	438.7	211.8		D-416
151	STD. W/R. INLET	—	440.4	211.8		D-416
152	STD. W/R. INLET	—	442.1	211.8		D-416
153	STD. W/R. INLET	—	443.8	211.8		D-416
154	STD. W/R. INLET	—	445.5	211.8		D-416
155	STD. W/R. INLET	—	447.2	211.8		D-416
156	STD. W/R. INLET	—	448.9	211.8		D-416
157	STD. W/R. INLET	—	450.6	211.8		D-416
158	STD. W/R. INLET	—	452.3	211.8		D-416
159	STD. W/R. INLET	—	454.0	211.8		D-416
160	STD. W/R. INLET	—	455.7	211.8		D-416
161	STD. W/R. INLET	—	457.4	211.8		D-416
162	STD. W/R. INLET	—	459.1	211.8		D-416
163	STD. W/R. INLET	—	460.8	211.8		D-416
164	STD. W/R. INLET	—	462.5	211.8		D-416
165	STD. W/R. INLET	—	464.2	211.8		D-416
166	STD. W/R. INLET	—	465.9	211.8		D-416
167	STD. W/R. INLET	—	467.6	211.8		D-416
168	STD. W/R. INLET	—	469.3	211.8		D-416
169	STD. W/R. INLET	—	471.0	211.8		D-416
170	STD. W/R. INLET	—	472.7	211.8		D-416
171	STD. W/R. INLET	—	474.4	211.8		D-416
172	STD. W/R. INLET	—	476.1	211.8		D-416
173	STD. W/R. INLET	—	477.8	211.8		D-416
174	STD. W/R. INLET	—	479.5	211.8		D-416
175	STD. W/R. INLET	—	481.2	211.8		D-416
176	STD. W/R. INLET	—	482.9	211.8		D-416
177	STD. W/R. INLET	—	484.6	211.8		D-416
178	STD. W/R. INLET	—	486.3	211.8		D-416
179	STD. W/R. INLET	—	488.0	211.8		D-416
180	STD. W/R. INLET	—	489.7	211.8		D-416
181	STD. W/R. INLET	—	491.4	211.8		D-416
182	STD. W/R. INLET	—	493.1	211.8		D-416
183	STD. W/R. INLET	—	494.8	211.8		D-416
184	STD. W/R. INLET	—	496.5	211.8		D-416
185	STD. W/R. INLET	—	498.2	211.8		D-416
186	STD. W/R. INLET	—	499.9	211.8		D-416
187	STD. W/R. INLET	—	501.6	211.8		D-416
188	STD. W/R. INLET	—	503.3	211.8		D-416
189	STD. W/R. INLET	—	505.0	211.8		D-416
190	STD. W/R. INLET	—	506.7	211.8		D-416
191	STD. W/R. INLET	—	508.4	211.8		D-416
192	STD. W/R. INLET	—	510.1	211.8		D-416
193	STD. W/R. INLET	—	511.8	211.8		D-416
194	STD. W/R. INLET	—	513.5	211.8		D-416
195	STD. W/R. INLET	—	515.2	211.8		D-416
196	STD. W/R. INLET	—	516.9	211.8		D-416
197	STD. W/R. INLET	—	518.6	211.8		D-416
198						

DEPARTMENT OF PUBLIC WORKS

STORM DRAIN FLOW TABULATION FORM

LOCATION		AREA	A SQR	COEFF "C"	CA	ΣCA	TIME CONC-MIN		INVEN "I"	Q-C/A C.F.S.	PIPE H=0.021 SCUMPS				REMARKS	
FROM	TO						INLET	DRAIN TOTAL			SIZE	HP	VEL	LGTH		
I-13	I-12	A	0.4	.2	0.08	0.08	15	—	15	5.35	0.4	15"	.01	.1	100'	
I-12	I-11	A+B	0.3	.2	0.07	0.15	—	—	15	"	0.8	15"	.042	.6	100'	
I-11	EW 7	A+B+C	0.3	.2	0.06	0.22	—	—	15	"	1.2	15"	.01	1.1	158'	
I-10	I-15	D	0.1	.2	0.07	0.07	15	—	15	5.35	0.4	15"	.01	.1	100'	
I-15	I-14	E	0.1	.2	0.08	0.15	—	—	15	"	0.8	15"	.042	.6	100'	
I-14	EW 3	D+E+F	0.1	.2	0.07	0.22	—	—	15	"	1.2	15"	.01	1.1	180'	
I-10	I-9	G	0.1	.2	0.07	0.07	15	—	15	5.35	0.4	15"	.01	.1	100'	
I-9	I-8	H+G	0.1	.2	0.06	0.13	—	—	15	"	0.7	15"	.012	.1	100'	
I-8	I-5	H+G+I	0.1	.2	0.05	0.18	—	—	15	"	1.0	15"	.046	.9	48'	
I-7	I-6	J	0.1	.2	0.08	0.08	15	—	15	5.35	0.4	15"	.01	.1	100'	
I-6	I-5	J+K	0.1	.2	0.09	0.17	—	—	15	"	0.9	15"	.054	.7	100'	
I-5	I-4	G+L	0.1	.2	0.08	0.43	—	—	15	"	15"	.37	1.9	148'		
I-4	I-3	A+L+M	0.1	.2	0.26	1.13	15	1.3	16.3	5.70	5.9	18"	.90	3.4	266'	
I-3	I-2	A+O+N	0.1	.71	1.03	2.16	16.3	1.3	17.6	5.00	10.8	18"	3.0	6.4	132'	
I-2	I-1	A+O	0.1	.2	0.41	2.57	17.6	0.7	18.3	4.90	12.6	18"	4.0	7.2	154'	
I-1	EW 1	A+O+P	0.1	.2	0.22	2.79	18.3	0.4	18.7	4.65	13.5	18"	5.0	8.0	92'	
I-17	EW 4	Q	0.1	.2	0.57	0.57	15	—	15	5.35	3.1	15"	.66	2.66	70'	
EXISTING INLET		EXISTING INLET	1.8	—	0.39	0.7	—	—	15	—	5.4	3.8	15"	1.1	3.0	—
M1		M1	—	—	—	—	15	—	—	5.4	3.8	15"	1.1	3.0	27'	
M1		EW 5	—	—	—	—	15	—	—	5.4	3.8	15"x13"	1.1	3.0	56'	

TITLE SHEET
G.O.R.C. PARK

DATE: MARCH, 1989.

APPROVED

PROJECT ENGINEER

Source: <http://www.fishbase.org>. Accessed 12/12/2012.

SCALE: As Shown

SHEET NO. 1 OF 17

PROJECT NO: P3113

TABLE 110. 15113

PROPOSAL NO.: 2078-G

4th Tax District Anne Arundel Co. MD

Scale: As Shown MAR 11, 1987

051

11/11/1974 10:11 1151-

MESSICK & TRIBETT INC.

LAND DEVELOPMENT CONSULTANTS

III CHINQUAPIN ROUND RD. SUITE 104

ANNAPOLIS, MD. 21401

PHONE: (301) 268-8456

APPROVED

4416

CHIEF,
GENERAL ENGINEER

GENERAL ENGINE	
----------------	--

100

CHIEF, RIGHT OF

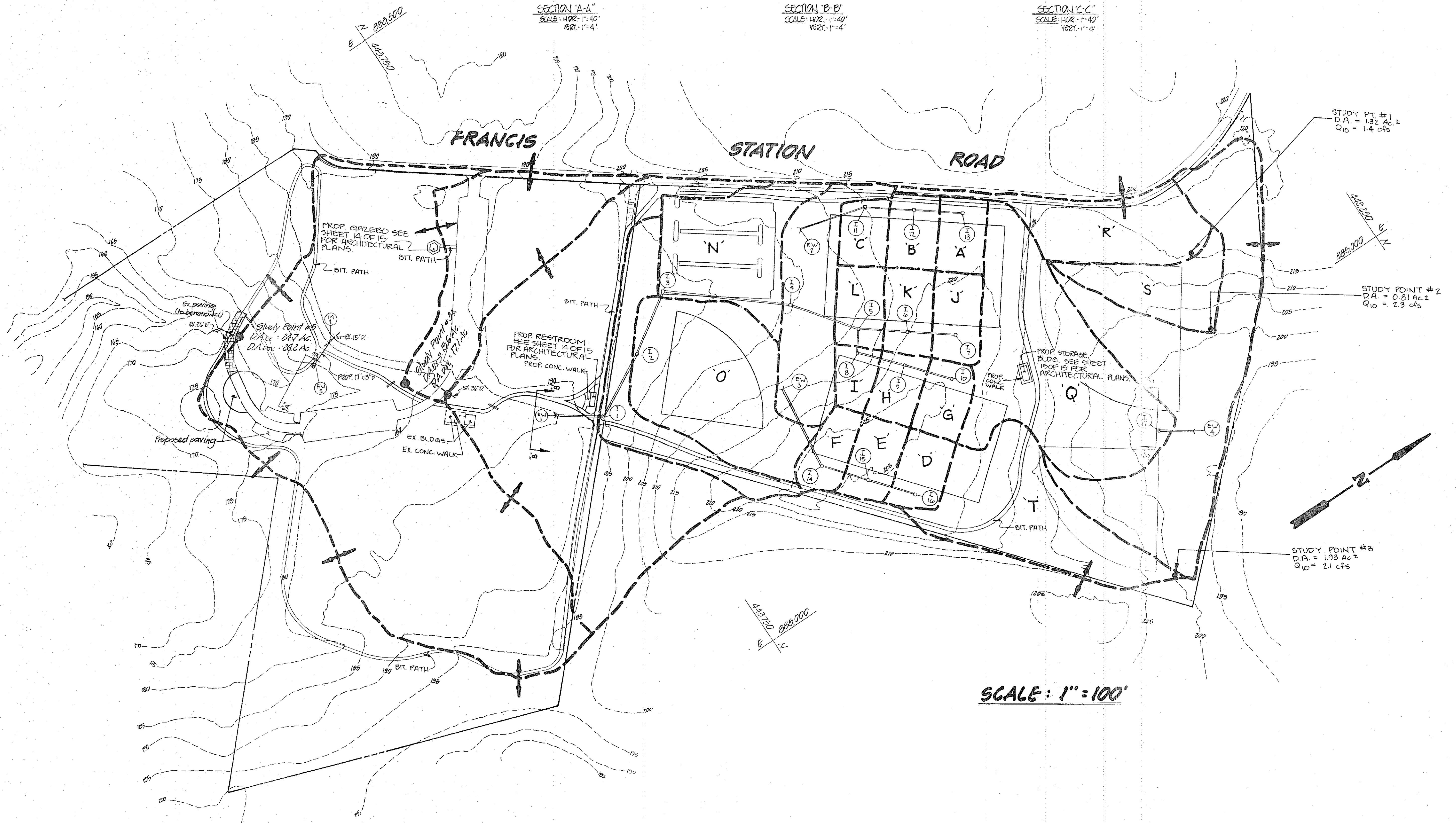
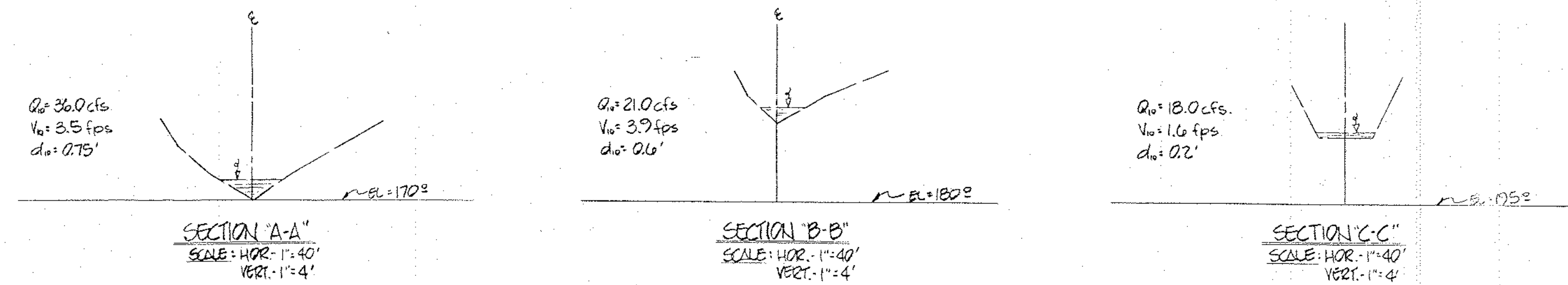
NO.	
-----	--

REVISION

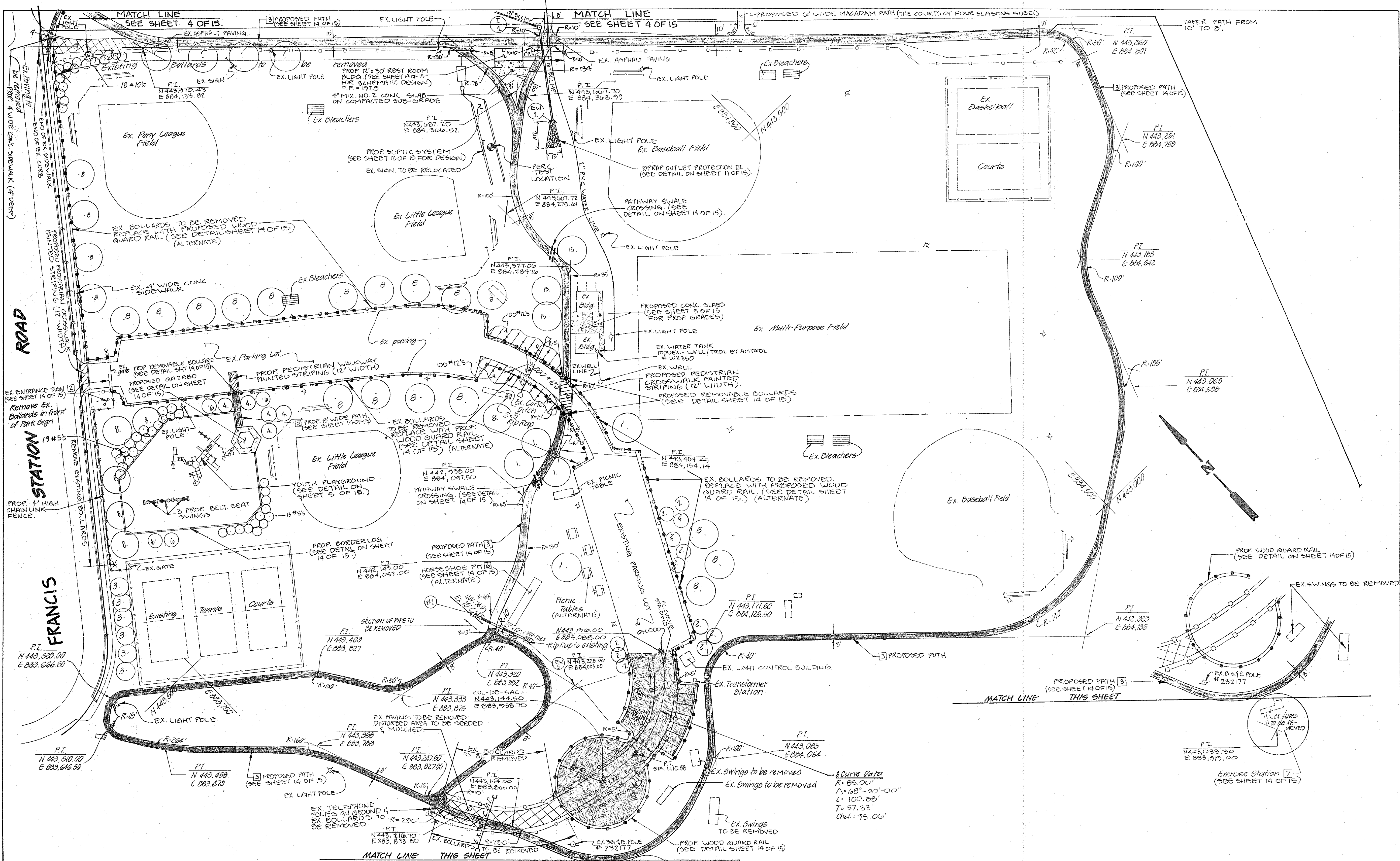
DATE

BY	CHI
----	-----

1951-



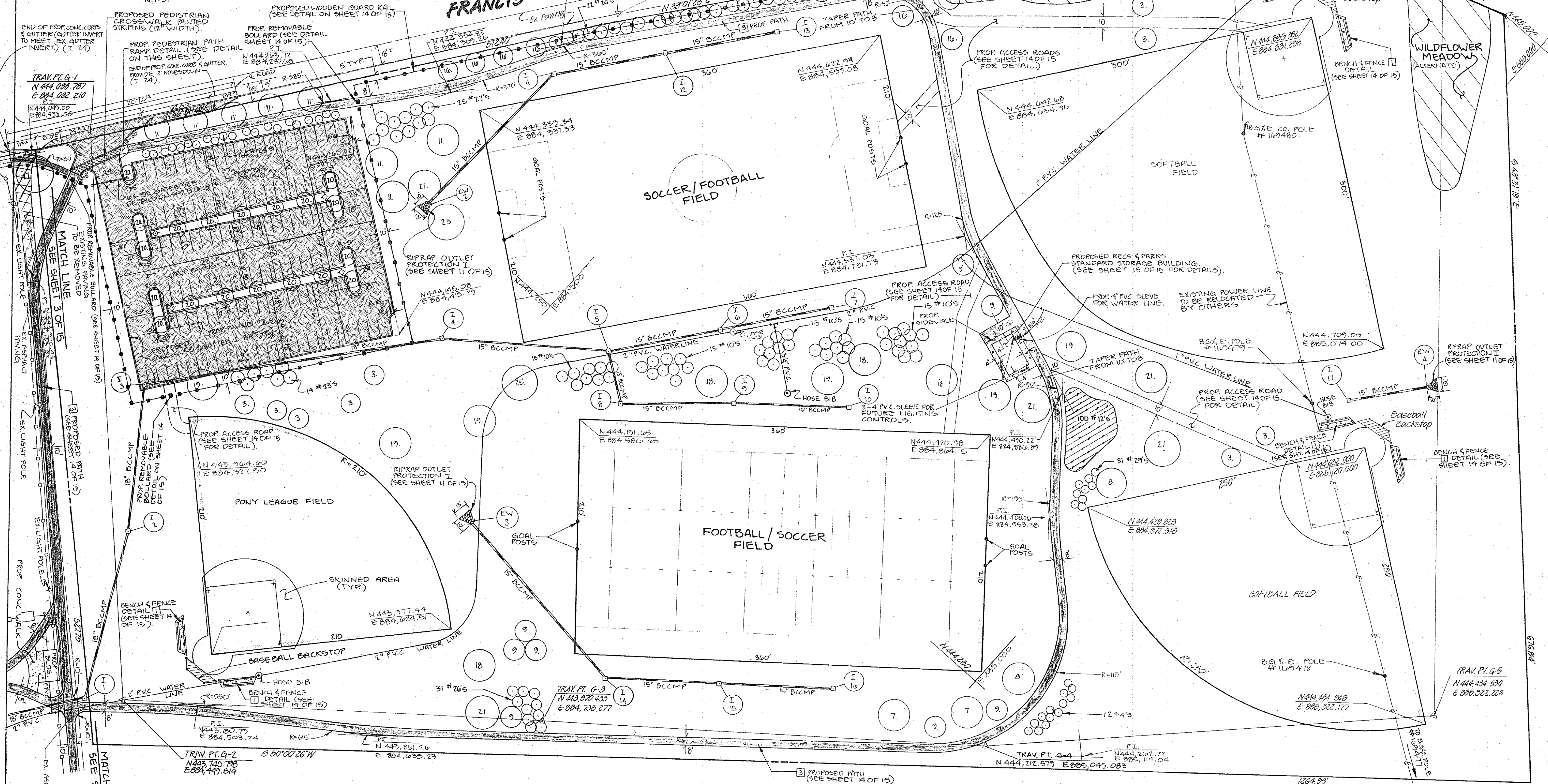
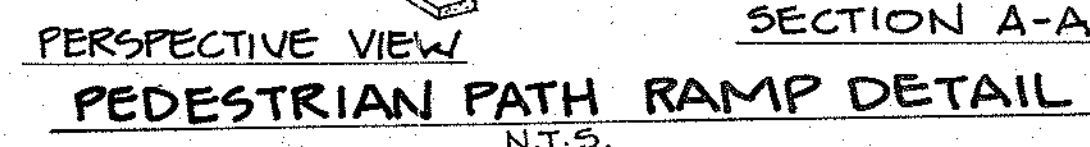
MESSICK & TRIBETT INC. LAND DEVELOPMENT CONSULTANTS 111 CHINQUAPIN ROUND RD. SUITE 104 ANNAPOLIS, MD. 21401 PHONE: (301) 268-8456		APPROVED CHIEF, GENERAL ENGINEERING DIVISION APPROVED CHIEF, RIGHT OF WAY SERVICES		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS SCALE: 1"=100' SHEET NO. 2 OF 15 PROJECT NO.: P3113 PROPOSAL NO.: 2078-G DATE: MARCH 1989 PROJECT ENGINEER		DRAINAGE AREA MAP G.O.R.C. PARK 4th Tax District Scale: 1"=100' MARCH, 1989	
NO.	REVISION	DATE	BY				



MESSICK & TRIBETT INC.
 LAND DEVELOPMENT CONSULTANTS
 111 CHINQUAPIN ROUND RD. SUITE 104
 ANNAPOLIS, MD. 21401
 PHONE: (301) 268-8456

NO.	REVISION	DATE	BY

APPROVED CHIEF, GENERAL ENGINEERING DIVISION APPROVED CHIEF, RIGHT OF WAY SERVICES		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS SCALE: 1" = 40' SHEET NO. 3 OF 15 DATE: MARCH, 1989 PROJECT NO.: P3113 PROPOSAL NO.: 2078-G PROJECT ENGINEER		DIMENSIONAL SITE PLAN AND PLANTING PLAN G.O.R.C. PARK 4th Terr District Scale: 1" = 40' Anne Arundel Co., MD MARCH, 1989	
---	--	--	--	---	--



MESSICK & TRIBETT INC.
LAND DEVELOPMENT CONSULTANTS
III CHINQUAPIN ROUND RD. SUITE 104
ANNAPOLIS, MD. 21401
PHONE: (301) 268-8456

[illegible]

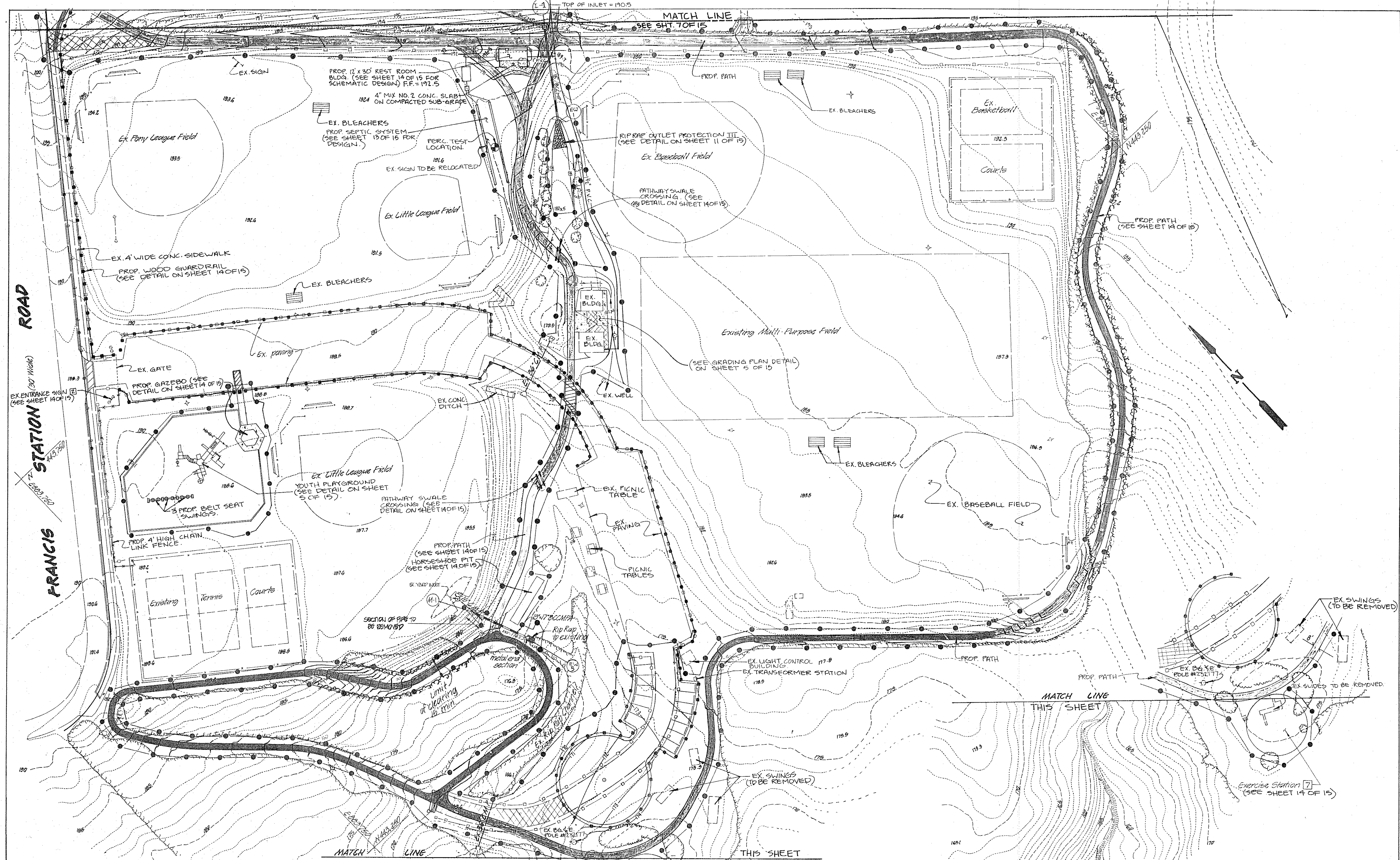
APPROVED
[Signature]
CHIEF,
GENERAL ENGINEERING DIVISION

[Signature]
CHIEF, RIGHT OF WAY SERVICES

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

APPROVED <i>[Signature]</i> DIRECTOR OF RECREATION AND PARKS	SCALE: 1" = 40'
DATE: MARCH, 1989	SHEET NO. 4 OF 15
APPROVED <i>[Signature]</i> 7/10/89 PROJECT ENGINEER	PROJECT NO. P3113
	PROPOSAL NO. 2078-G

**DIMENSIONAL SITE PLAN AND
PLANTING PLAN**
G.O.R.C. PARK
4th Tax District
Scale: 1" = 40'
Anne Arundel Co., MD.
MARCH, 1989



MESSICK & TRIBETT INC.
LAND DEVELOPMENT CONSULTANTS
III CHINQUAPIN ROUND RD. SUITE 104
ANNAPOLIS, MD. 21401
PHONE: (301) 268-8456

APPROVED

CHIEF,
GENERAL ENGINEERING DIVISION

CHIEF, RIGHT OF WAY SERVICES

APPROVED *[Signature]*
DIRECTOR OF RECREATION
AND PARKS

DATE: MARCH, 1989

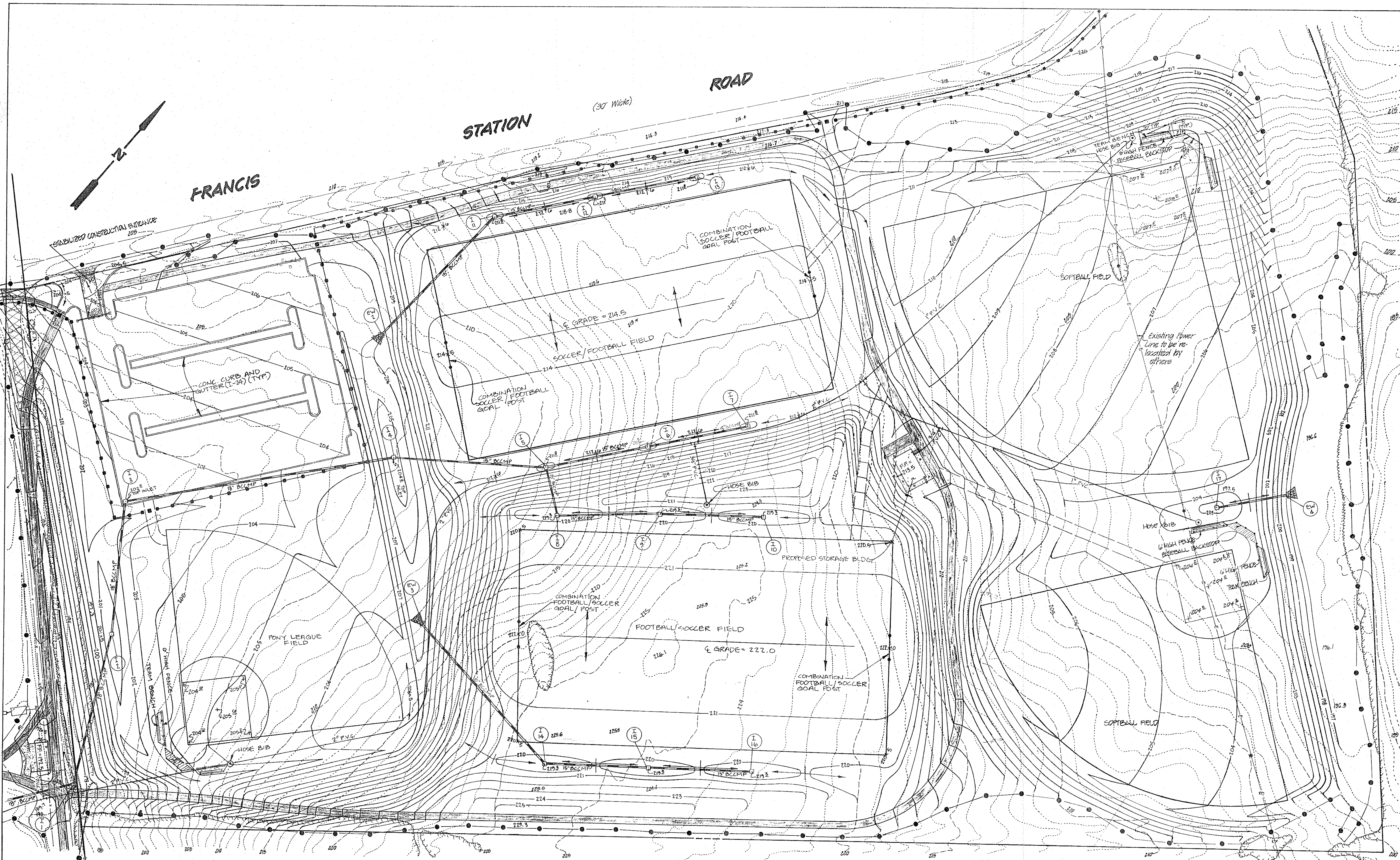
APPROVED *[Signature]*
PROJECT ENGINEER

SCALE: 1" = 40'
SHEET NO. 6 OF 15
PROJECT NO. P3113
PROPOSAL NO. 2078-G

SITE AND GRADING PLAN
G.O.R.C. PARK

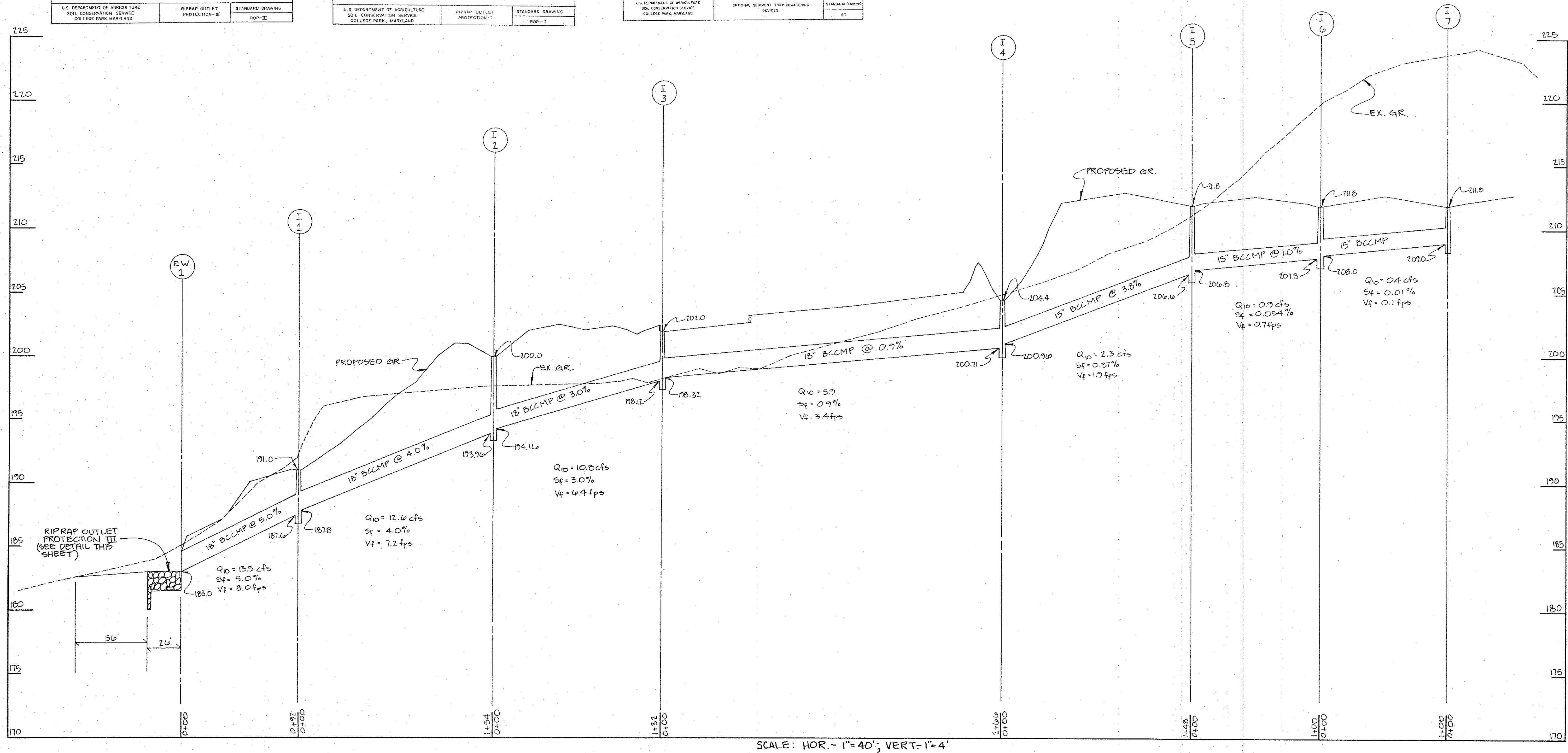
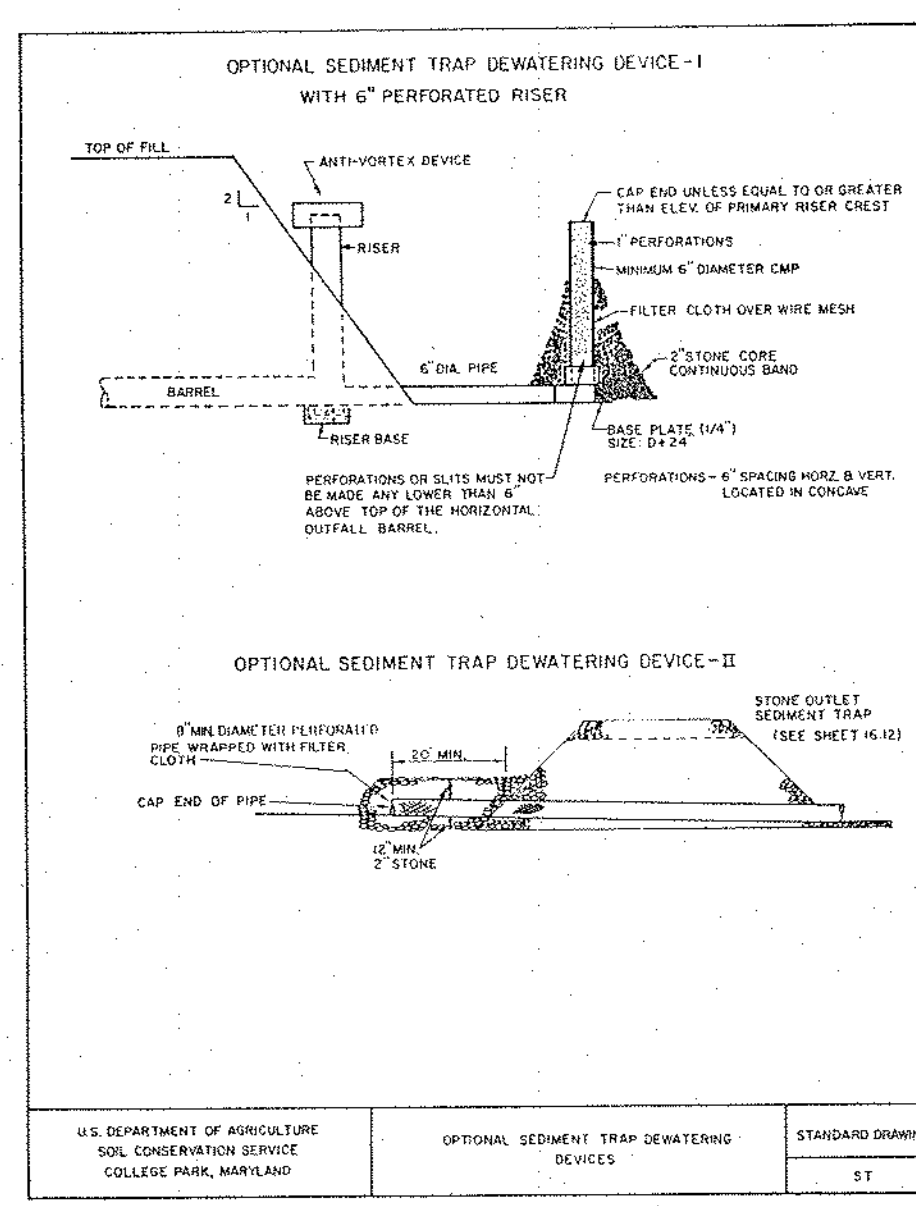
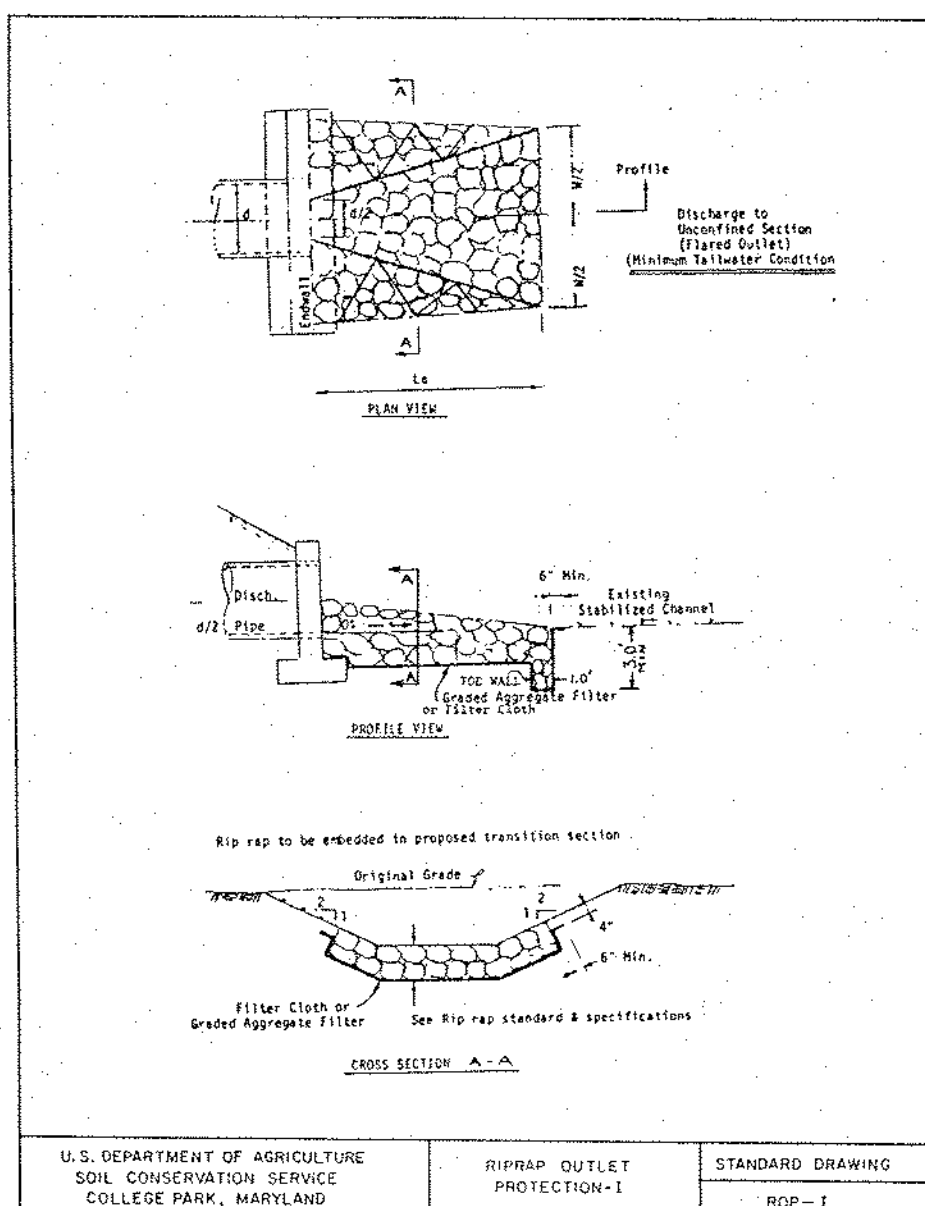
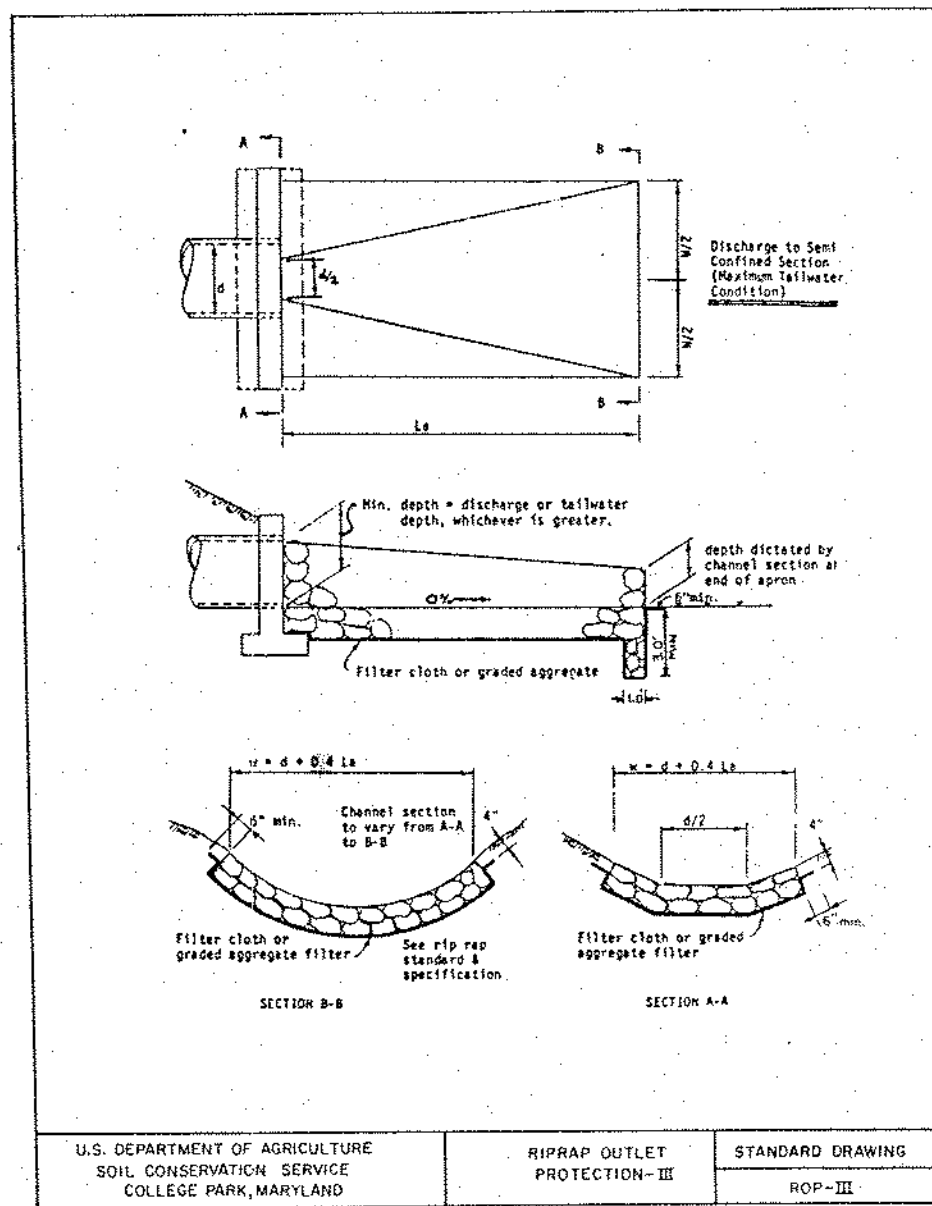
4th Tax District
Scale: 1" = 40'

Anne Arundel Co., MD
MARCH, 1989

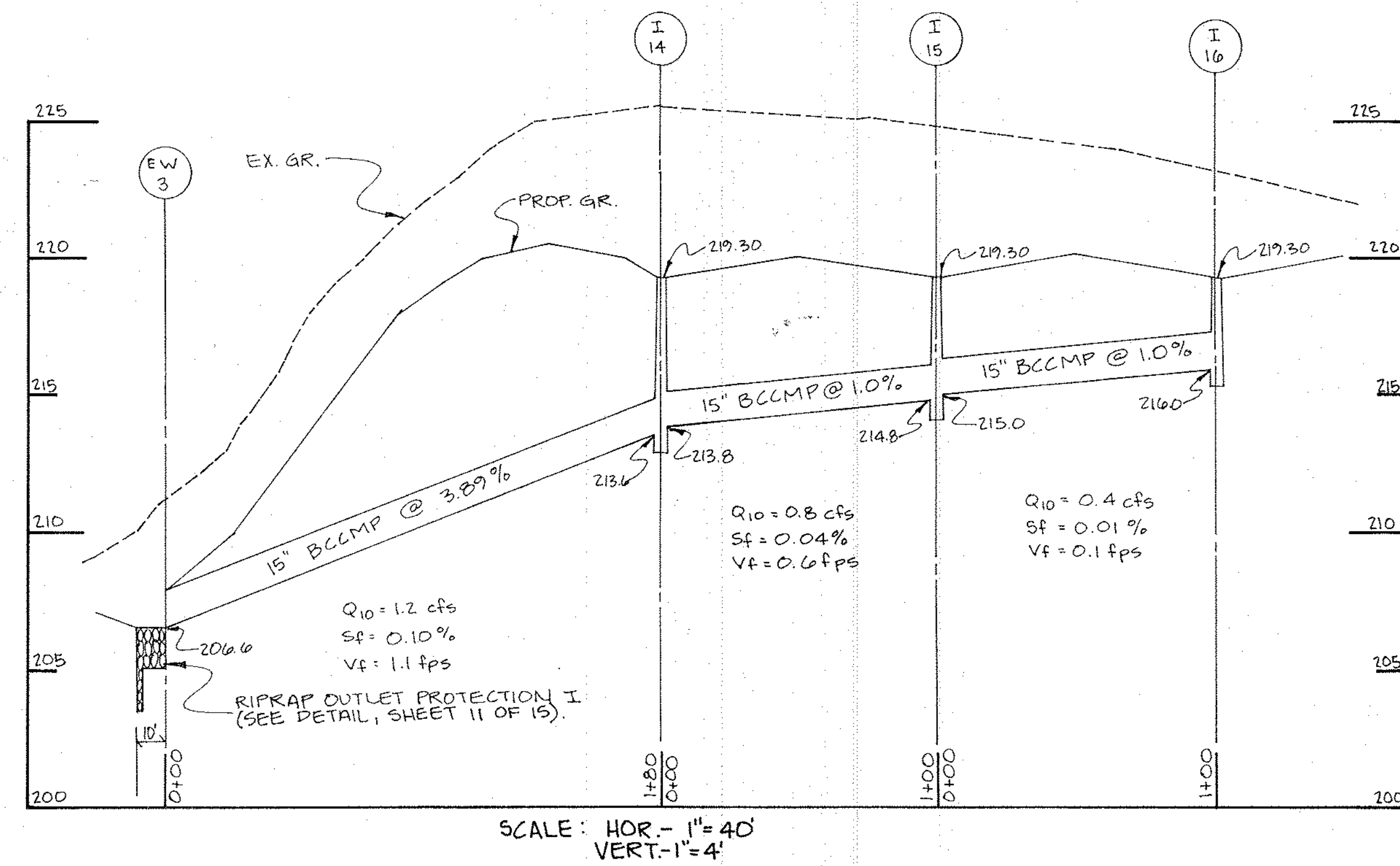
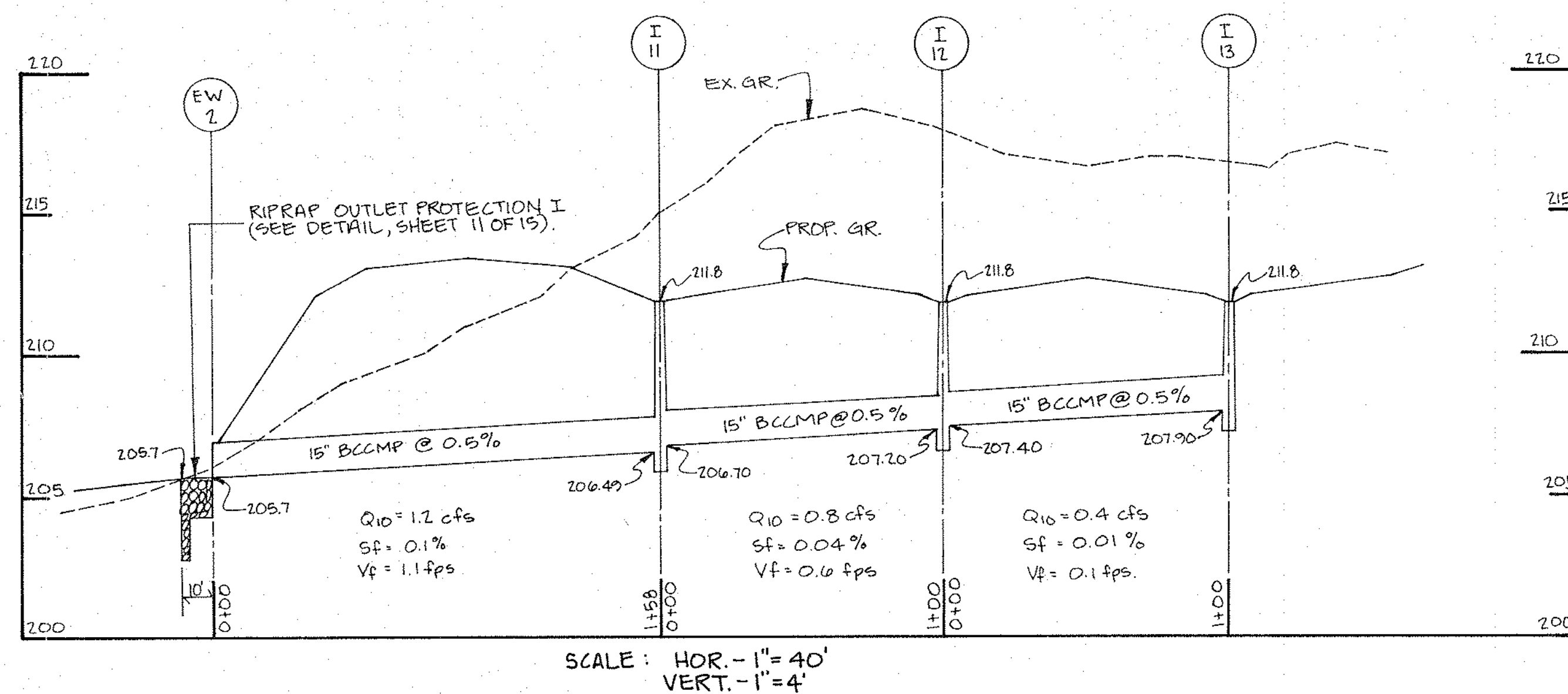
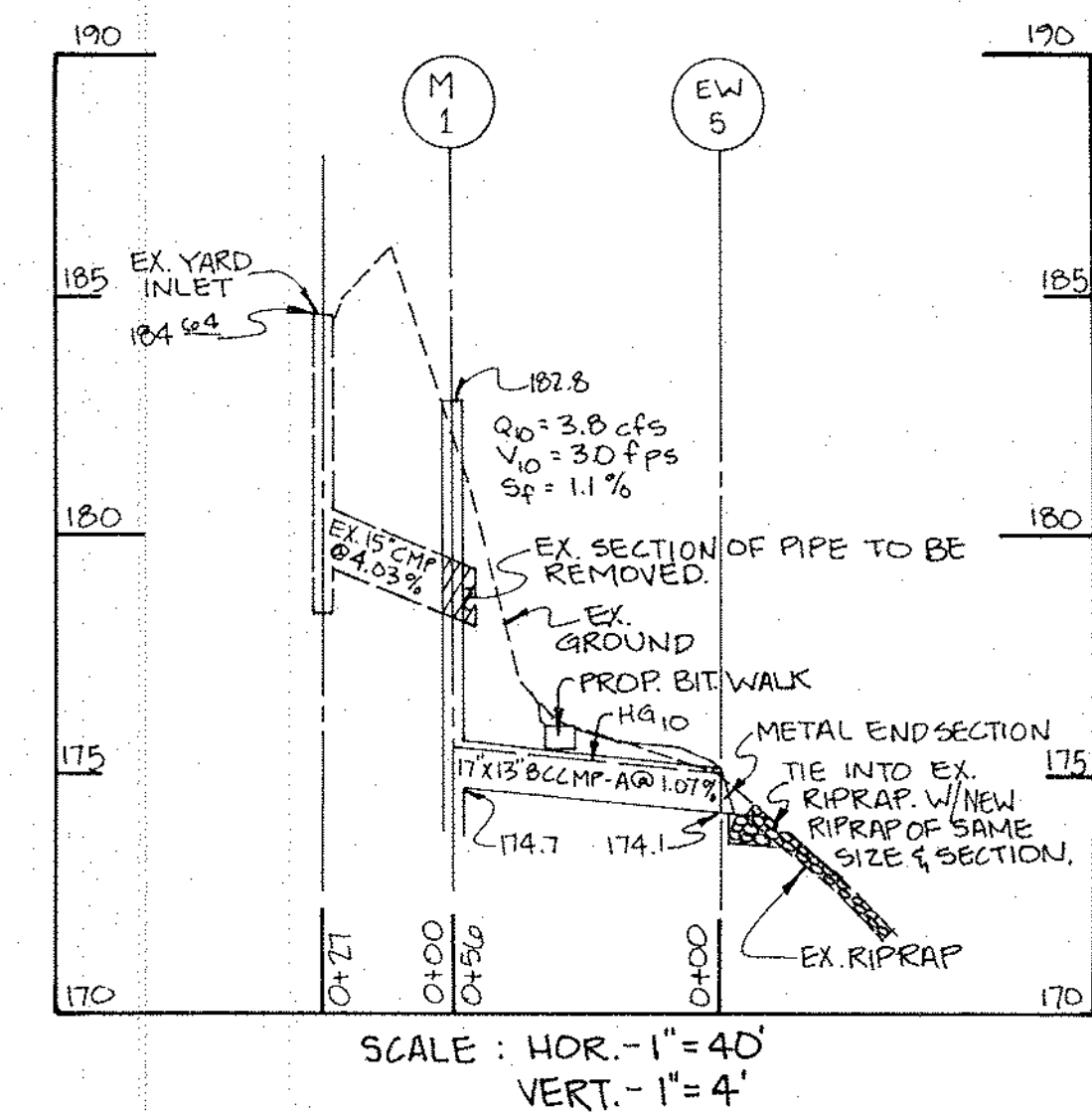
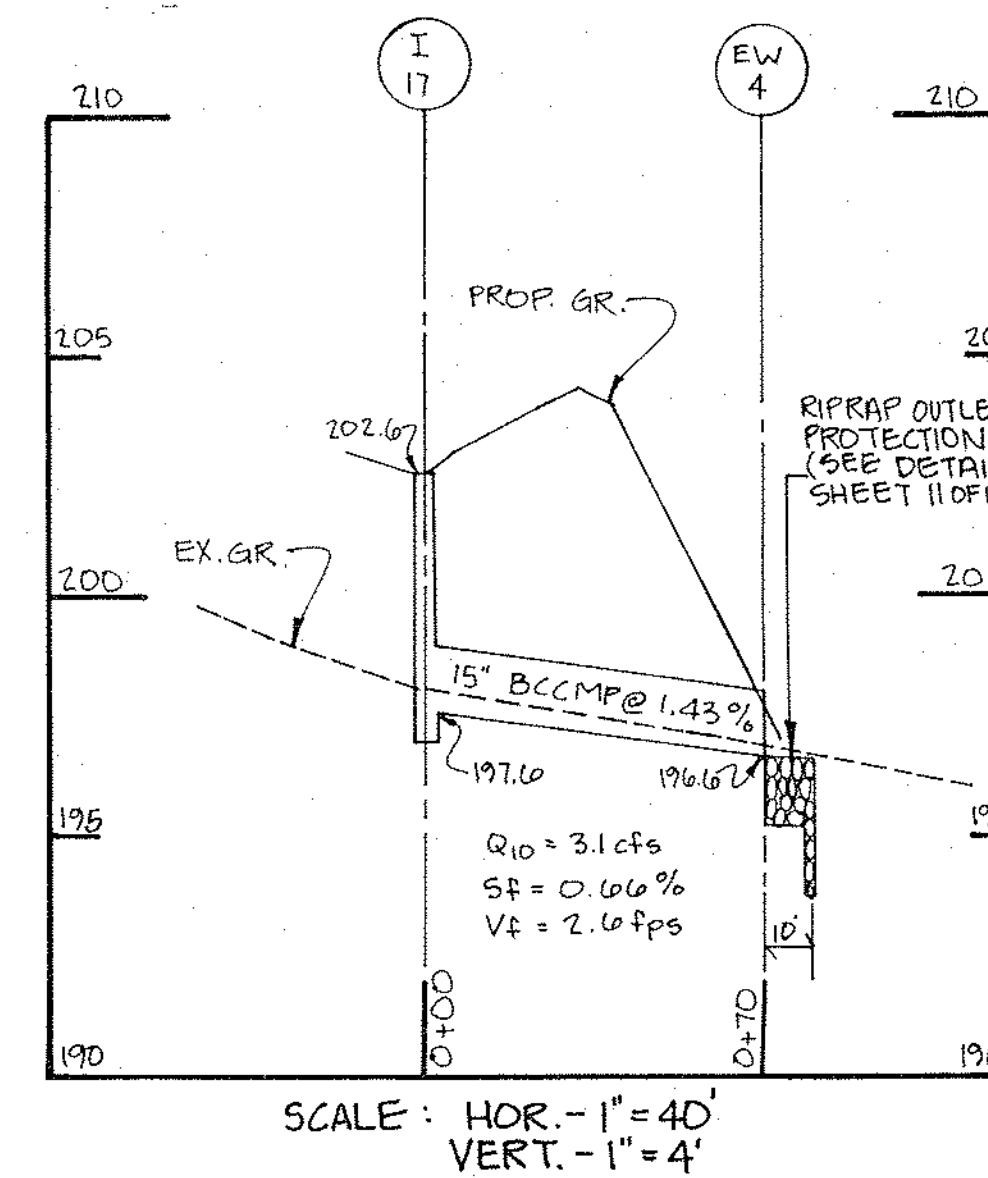
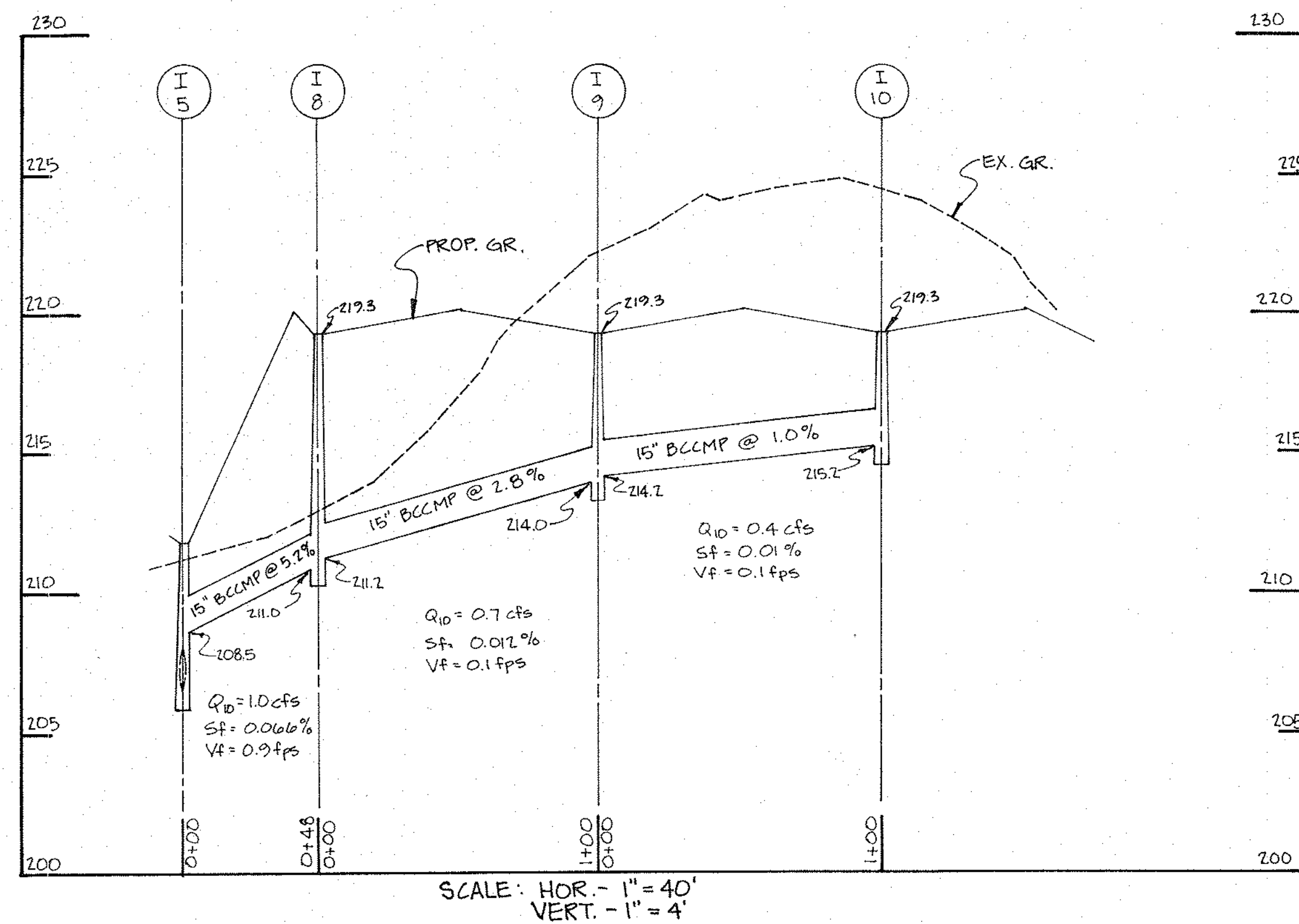


MESSICK & TRIBETT INC. LAND DEVELOPMENT CONSULTANTS 111 CHINQUAPIN ROUND RD. SUITE 104 ANNAPOLIS, MD. 21401 PHONE: (301) 268-8456		APPROVED CHIEF, GENERAL ENGINEERING DIVISION DATE: MARCH, 1989 PROJECT ENGINEER		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS SCALE: 1" = 40' SHEET NO. 7 OF 15 PROJECT NO.: P 3113 PROPOSAL NO.: 2078-G 4th Tax District SCALE: 1" = 40' MARCH, 1989	
NO.	REVISION	DATE	BY	CHIEF RIGHT OF WAY SERVICES	

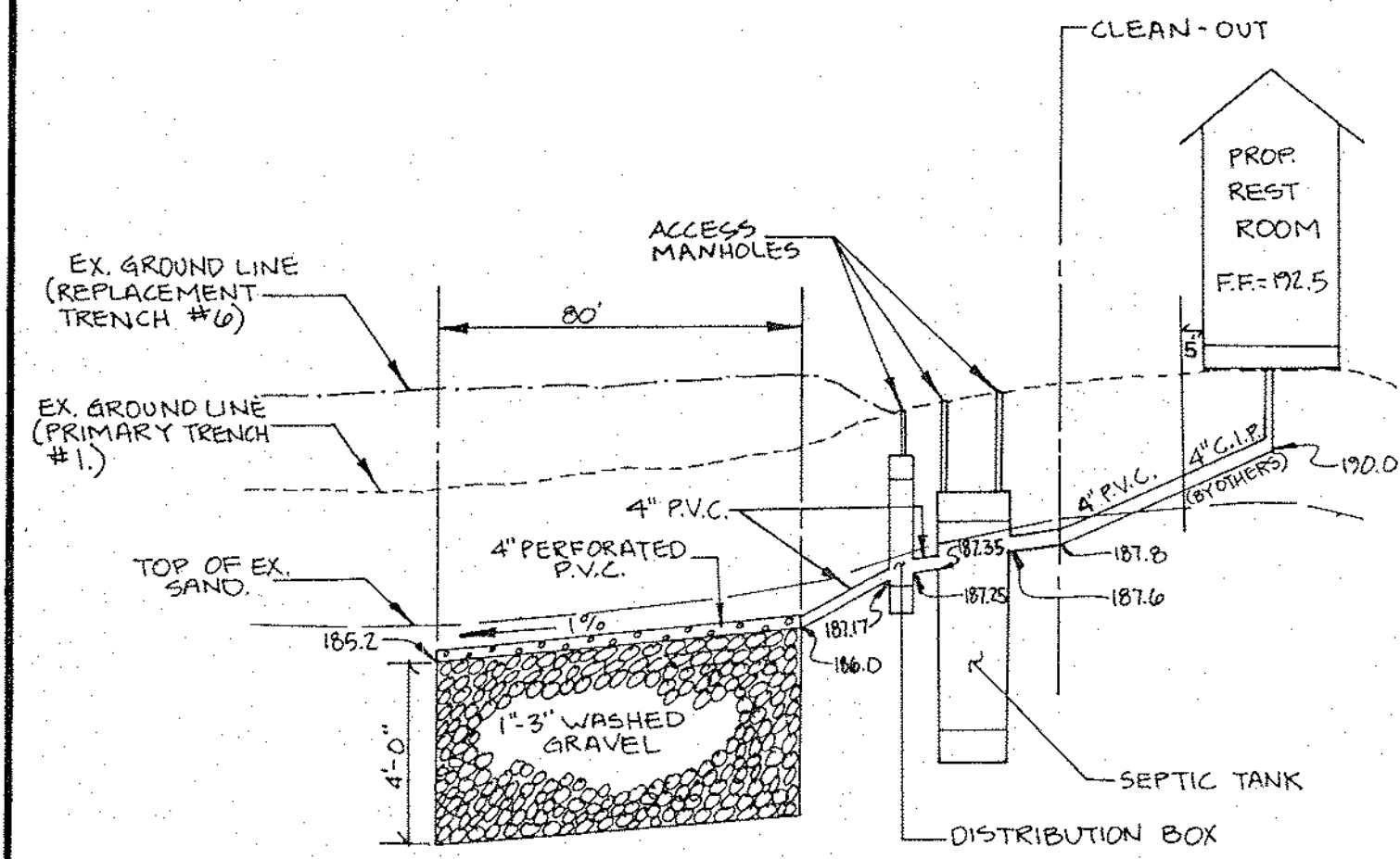
SCORE: AS SHOWN MARCH, 1989



MESSICK & TRIBETT INC. LAND DEVELOPMENT CONSULTANTS 111 CHINQUAPIN ROUND RD. SUITE 104 ANNAPOLIS, MD. 21401 PHONE: (301) 268-8456		APPROVED CHIEF, GENERAL ENGINEERING DIVISION DATE: MARCH, 1989 PROJECT ENGINEER		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS SCALE: AS SHOWN SHEET NO. 11 OF 15 PROJECT NO. P3113 PROPOSAL NO. 2078-G 4th Tax District SCALE: AS SHOWN Anne Arundel Co., Md. MARCH, 1989	
NO.	REVISION	DATE	BY		



MESSICK & TRIBETT INC. LAND DEVELOPMENT CONSULTANTS 111 CHINQUAPIN ROUND RD. SUITE 104 ANNAPOLIS, MD. 21401 PHONE: (301) 268-8456		APPROVED: <i>[Signature]</i> CHIEF, GENERAL ENGINEERING DIVISION		APPROVED: <i>[Signature]</i> CHIEF, RIGHT OF WAY SERVICES		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS DATE: MARCH, 1989 PROJECT NO. 2078-6		PROFILE SHEET G.O.R.C. PARK 4th Tax District SCALE: As Shown MARCH, 1989	
NO.	REVISION	DATE	BY	NO.	REVISION	DATE	BY	SHEET NO. 12 OF 15	PROJECT NO. 2078-6



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

GENERAL NOTES

- All concrete used for septic system construction shall have a minimum 28 day compressive strength of 4,000 p.s.i. and shall be ready mixed (ASTM C94). Water to cement ratio of approximately 0.45 by weight shall be adhered to. Portland cement used in the mix shall be Type V (ASTM C150) and shall be air entrained (ASTM C220, C260, C595) to 5% air content to insure water tightness. All interior and exposed surfaces shall be steel troweled to a smooth finish. The C_{50} content of the Portland cement used shall be less than 8.0%.
- Concrete shall conform to ACI 310 Building Code requirements for reinforced concrete.
- Required strength: 4,000 p.s.i. @ 28 days (MSHA Mix #5).
- Lap all splices on rebar not less than 12" or as specified.
- Cure all concrete by spraying with a commercial grade curing compound.
- Place concrete bottom slab on undisturbed earth or compacted sub-grade.
- The exterior of the tank shall be coated with Koppers Bituminastic 300M or equal.
- Reinforcing steel shall be Grade 60 deformed bars in accordance with ASTM A615.
- All 4" P.V.C. piping shall be in conformance with ASTM D3033 Type PSP or ASTM D3034 Type PSM. Methods shall conform with plumbing code.
- This plan indicates the intended or preferred layout. The contractor shall verify that there are no utility conflicts prior to construction. Field adjustments may be necessary and if required, shall be approved by the Health Department, engineer and owner.
- This drawing does not include the necessary components for construction safety. All construction shall be done in compliance with the O.S.H.A. rules and regulations there to appurtenant.
- UNLESS SPECIFIED OTHERWISE, ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE 1986 ANNE ARUNDEL COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION SECTIONS 05200 AND 05300.

PRIVATE ON-SITE SEWAGE DISPOSAL SYSTEM DESIGN

PROPOSED USE: ACTIVE PUBLIC RECREATION PARK

MAXIMUM USE: 330 PERSONS

GENERATED FLOW: 5 GAL/DAY, 1650 GAL/DAY

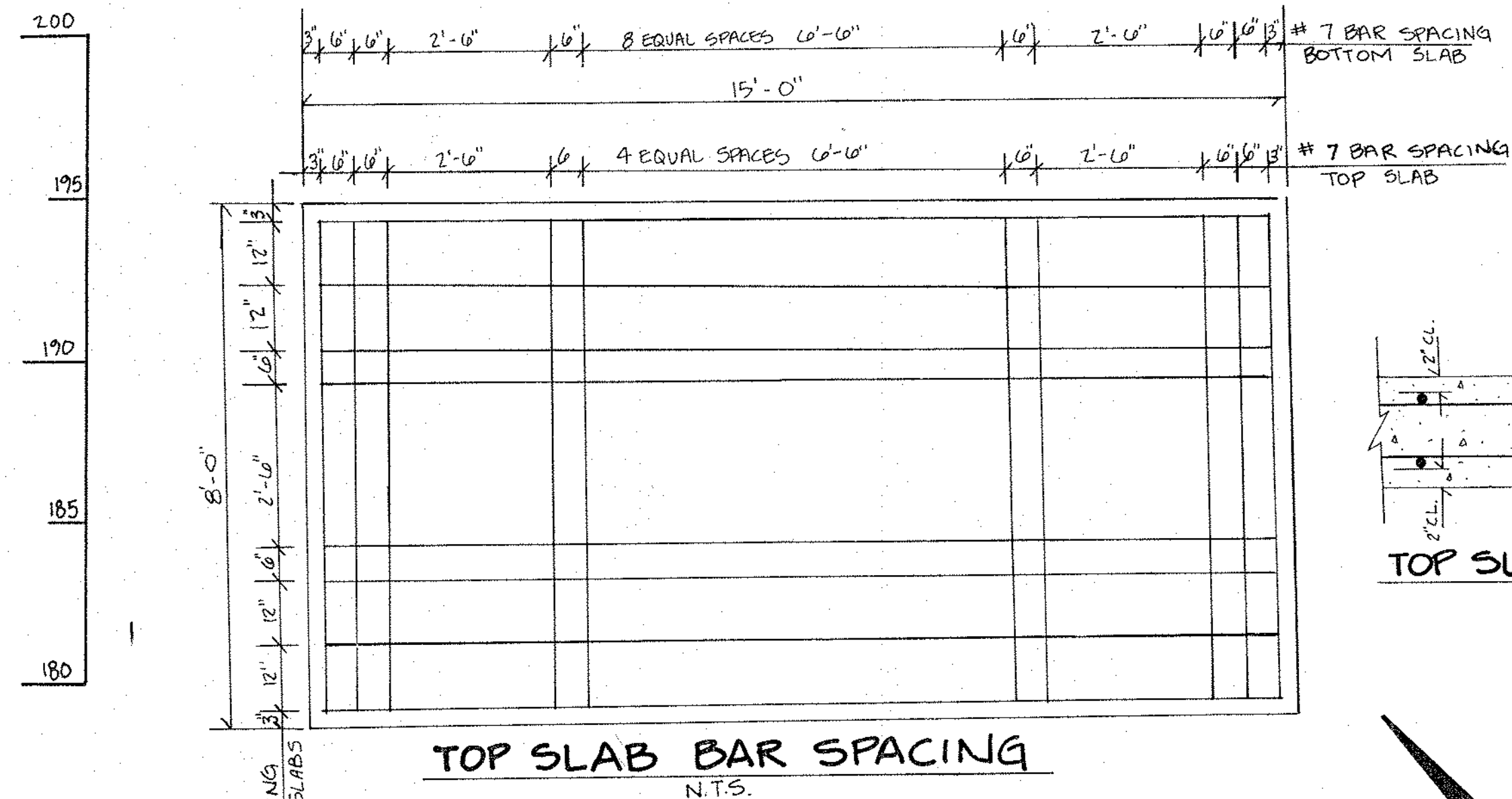
PERC TEST RESULTS: 0-3' LOSS, 3' - 13' SAND, NO WATER
PERC RATE 1 TO 2 MIN/INCH
USE 2 MIN/INCH

SYSTEM DESIGN: USE 2" WIDE DRAINFIELD TRENCH, (1.32 GAL/SF OR 27 LF/100 GALLONS OF GENERATED FLOW)
27 x 16.5 = 446 LF OF DRAIN FIELD TILES REQUIRED

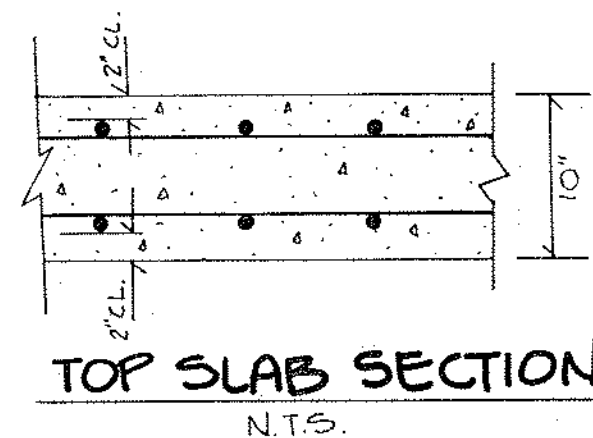
DEEP TRENCH: (4" OF GRAVEL BELOW PIPE)
LENGTH 446 x 352 = 160 L.F. USE
2 LINES 80' (MIN. SEPARATION 10')
SEPTIC TANK VOLUME = 1124 GAL. + 75X Q 1650 = 2352
USE 2500 GAL. SEPTIC TANK

RESULTS:

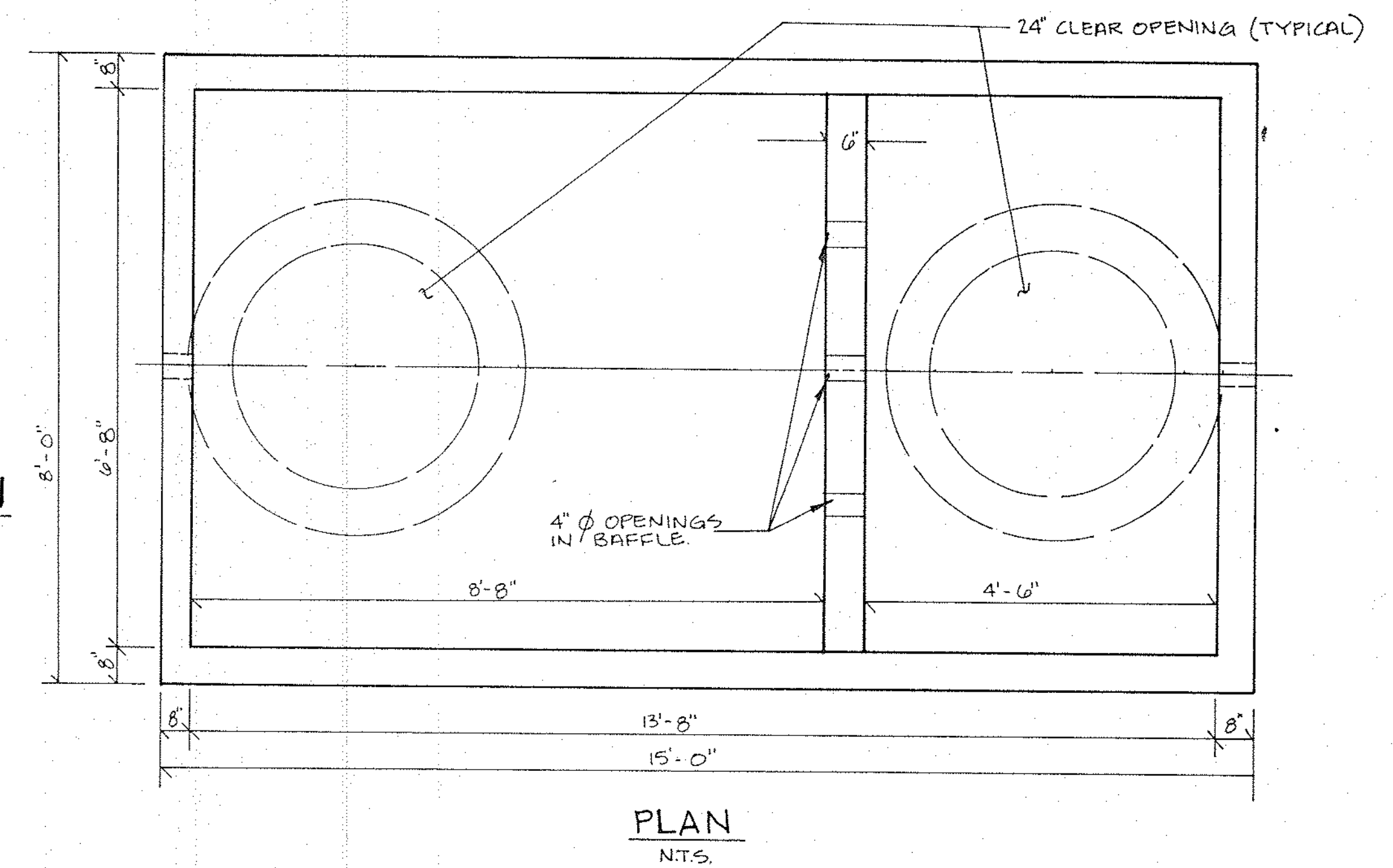
PROVIDE A 2500 GAL SEPTIC TANK WITH A DRAINFIELD HAVING TWO SEPARATE DRAIN TRENCHES 2" WIDE AND 80' LONG WITH A MINIMUM SEPARATION OF TEN FEET, EDGE OF TRENCH TO EDGE OF TRENCH.



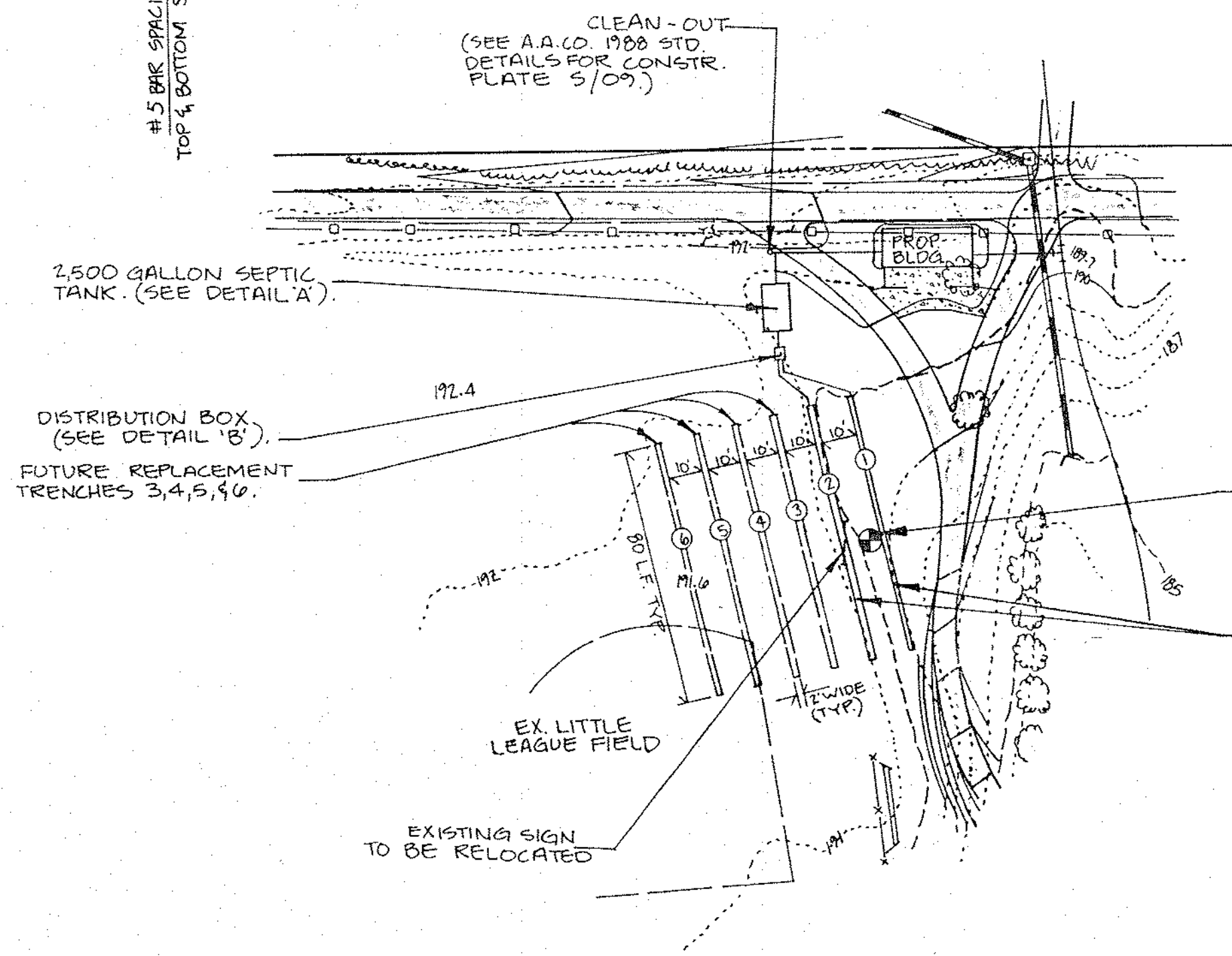
TOP SLAB BAR SPACING
N.T.S.



TOP SLAB SECTION
N.T.S.



PLAN
N.T.S.



PLAN
SCALE: 1" = 40'

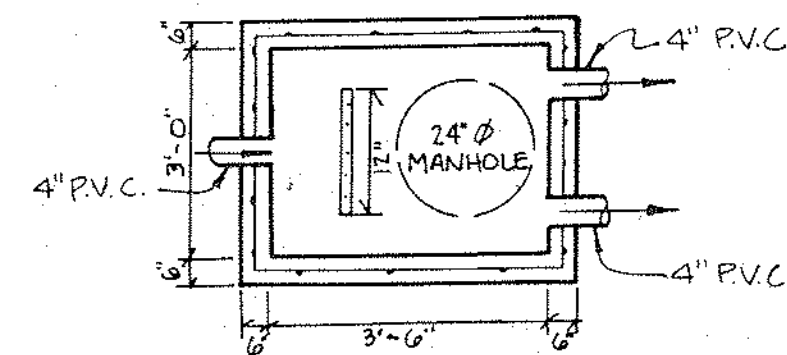
STEEL NOTES:

Distribution Box:

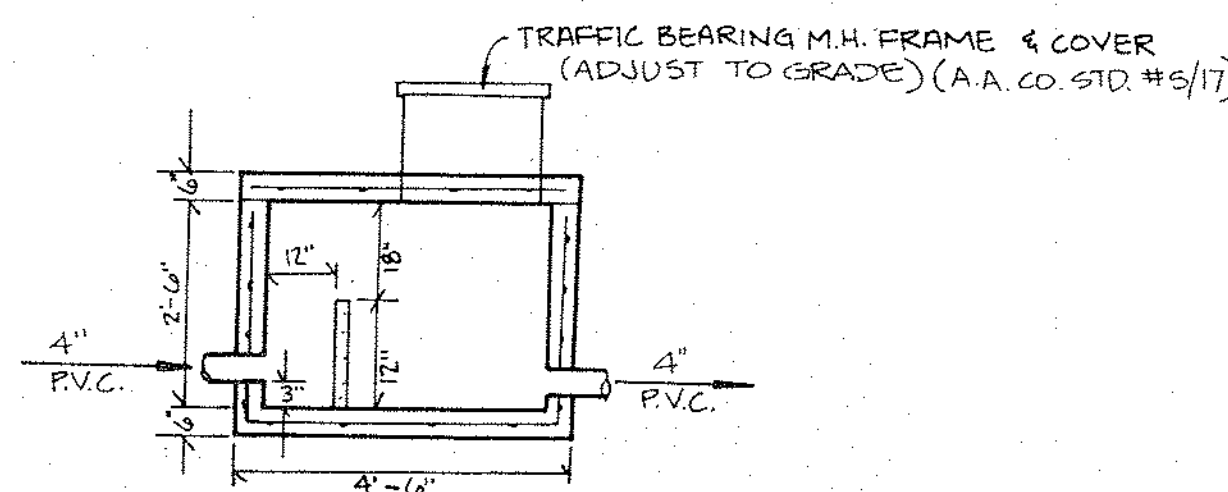
- Top slab: 6" conc. #4 bars @ 9" c/c short direction (2" clear typ. from bottom)
#3 bars @ 10" c/c long direction & tied to #4's above.
- Bottom slab: 6" conc. #4 bars @ 10" c/c each way, centered in slab.
- Walls: 6" conc. #5 bars @ 18" c/c each way, centered in walls.

2500 Gallon Septic Tank:

- Top slab: 10" conc. #7 bars @ 8" c/c short direction (2" clear typ. from bottom)
#5 bars @ 12" c/c long direction
- Bottom slab: 7" conc. #7 bars @ 9" c/c short direction
#5 bars @ 12" c/c long direction
2" clear from top.
- Walls: 8" conc. #7 bars @ 9" c/c each way, vertical, (2" clear from outside face, tied to bottom slab steel), #4 bars @ 12" c/c horizontal (inside & tied to vertical steel).
- Baffle wall: 6" conc. #4 bars @ 12" c/c VERT. & HORIZONTAL, CENTERED IN WALL.

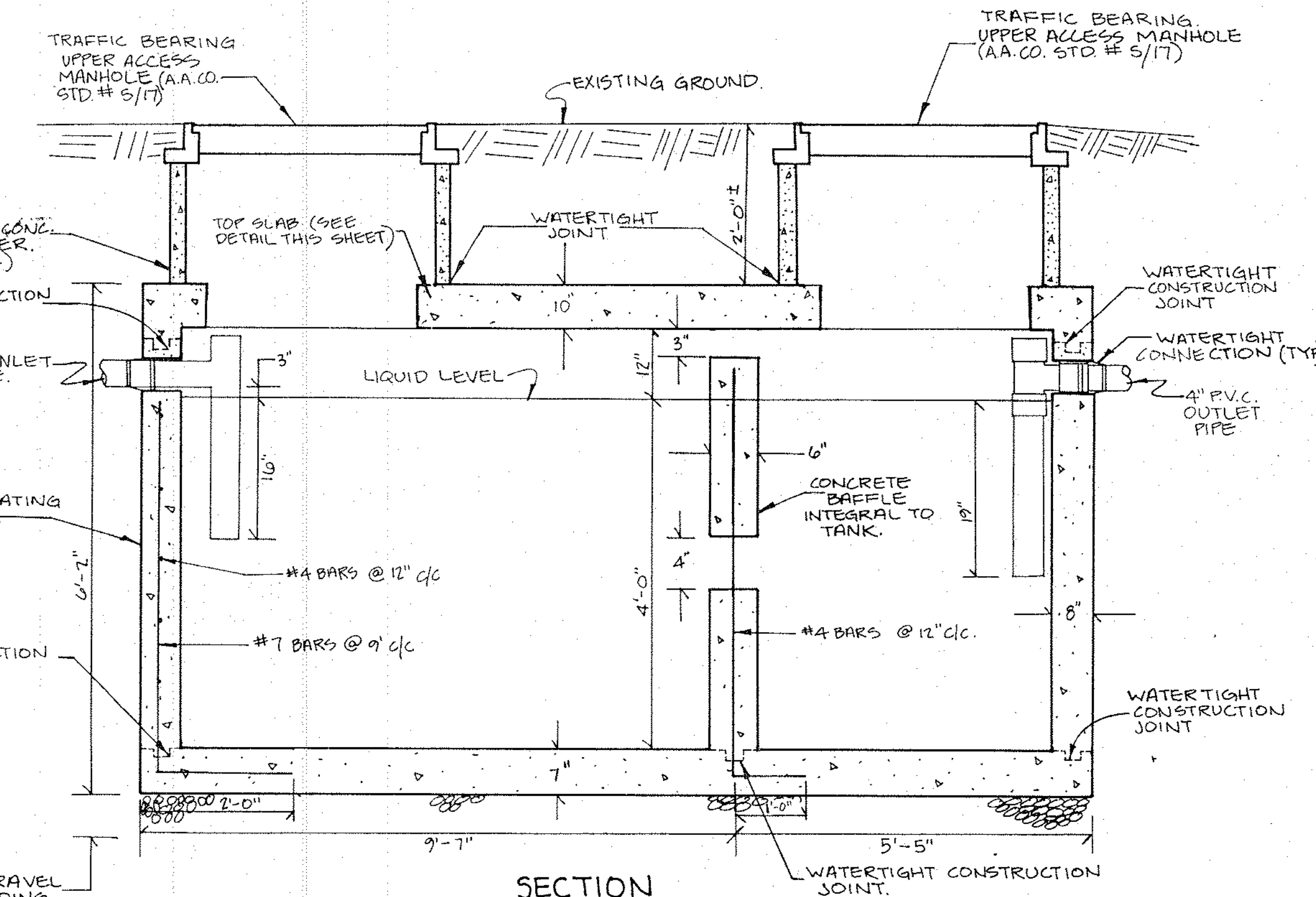


PLAN
N.T.S.



SECTION
N.T.S.

DISTRIBUTION BOX
DETAIL "B"



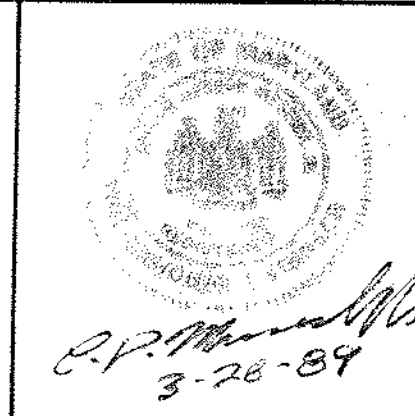
SECTION
N.T.S.

SEPTIC TANK—2,500 GALLON
DETAIL "A"

PERC. TEST INFO:

PERC TEST APPLICATION # T02001083
DATE TESTED: 6/7/88
⊙ - DENOTES PERC. TEST LOCATION.

MESSICK & TRIBETT INC.
LAND DEVELOPMENT CONSULTANTS
III CHINQUAPIN ROUND RD. SUITE 104
ANNAPOLIS, MD. 21401
PHONE: (301) 268-8456



ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS			
REVISED DATE	BY	APPROVED CHIEF, GENERAL ENGINEERING DIVISION	APPROVED DIRECTOR OF RECREATION AND PARKS
			SCALE: AS SHOWN
			SHEET NO. 13 OF 15
			PROJECT NO. P 3113
			PROPOSAL NO. 2078-G
		APPROVED PROJECT ENGINEER	SEPTIC PLAN G.O.R.C. PARK
			4TH TAX DISTRICT SCALE: AS SHOWN
			ANNE ARUNDEL CO., MD. MARCH, 1989

GORC



- Legend**
- OPZ Parcels
 - Annapolis City Parcels
 - Address Points
 - Sewer Mains
 - Easements
 - Water Mains
 - Stream Reaches
 - No Habitat Assessment Performed
 - Habitat Assessment is Performed
 - Steep Slopes
 - 15 to 24.99%
 - 25% and Greater
 - Street Names

1:3,600



600.0 0 300.00 600.0 Feet

NAD_1983_HARN_StatePlane_Maryland_FIPS_1900_Feet
© Latitude Geographics Group Ltd.

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.
THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

GORC Park – September 2005



GORC Park – August 2006

