

RIVERS PARK FIRE STATION

FOR THE DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CAPITAL PROJECT 5509



FEDCO SYSTEMS INCORPORATED
PROSPECT SQUARE SUITE 200
10903 INDIAN HEAD HIGHWAY
FORT WASHINGTON MD 20744

P.M. COMPANY INCORPORATED
PLANNING • ENGINEERING • SYSTEMS • ECONOMICS

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DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY MARYLAND

Robert M. Beinger / RMB
DIRECTOR OF PUBLIC WORKS 2-28-86 DATE

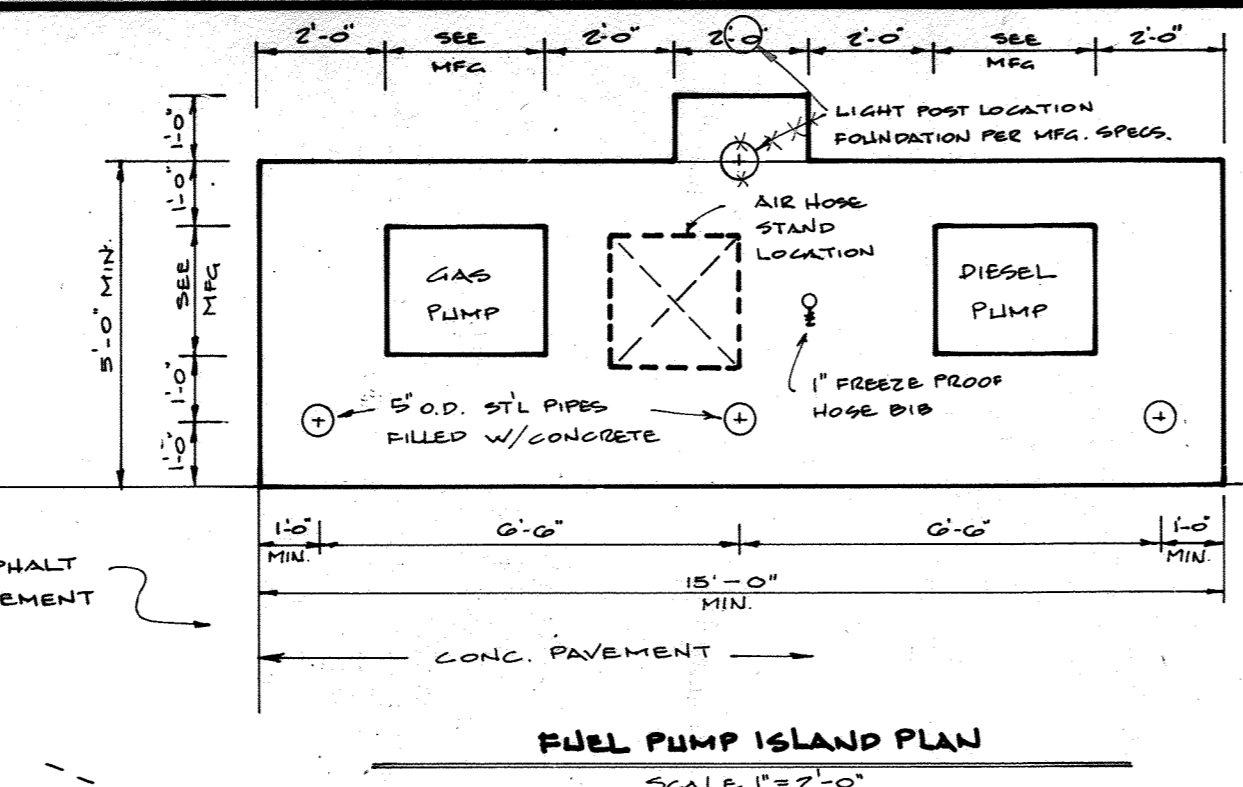
William E. Ray / WER
CHIEF, BUREAU OF ENGINEERING 2-28-86 DATE

SDP86-165

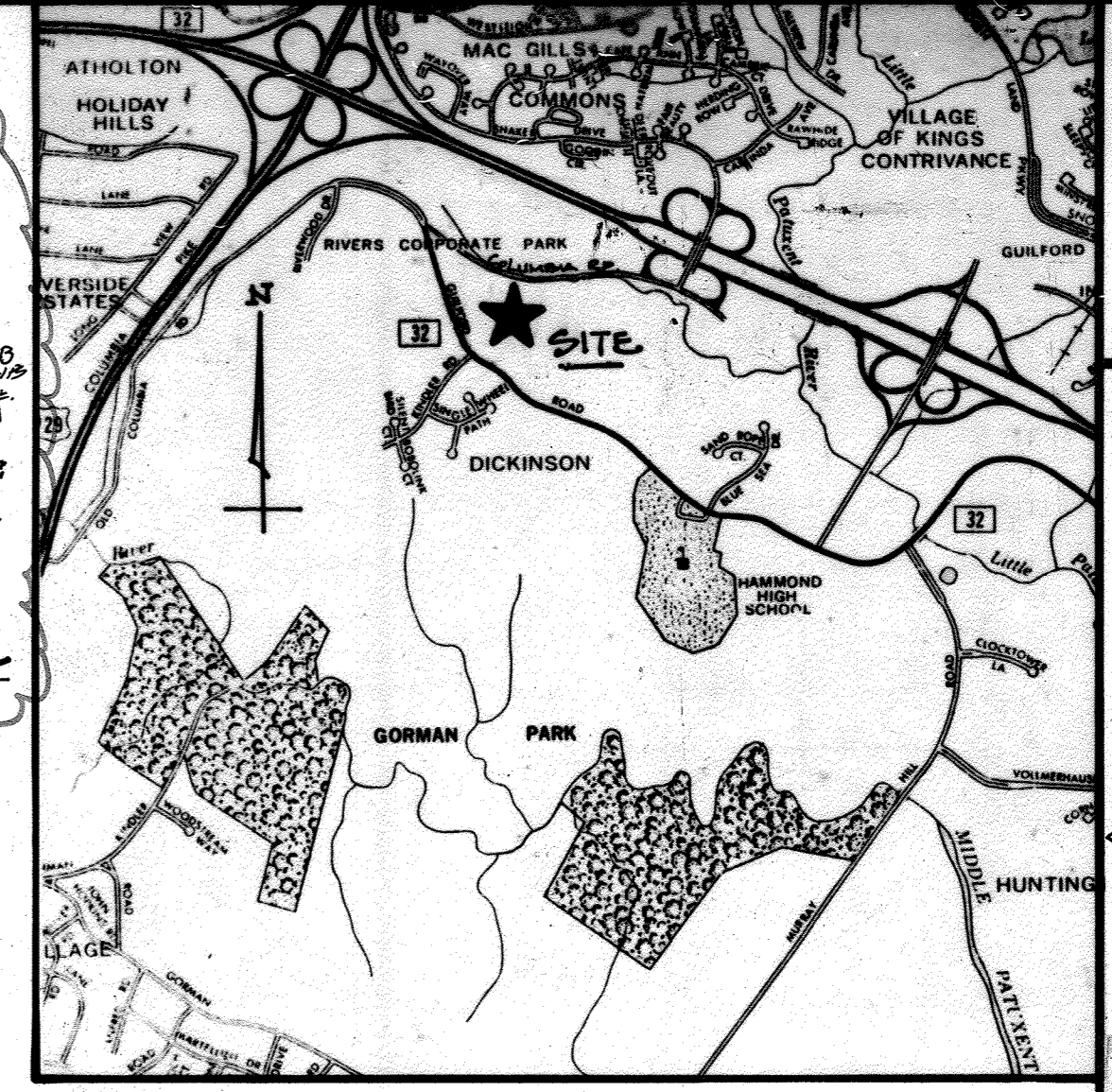
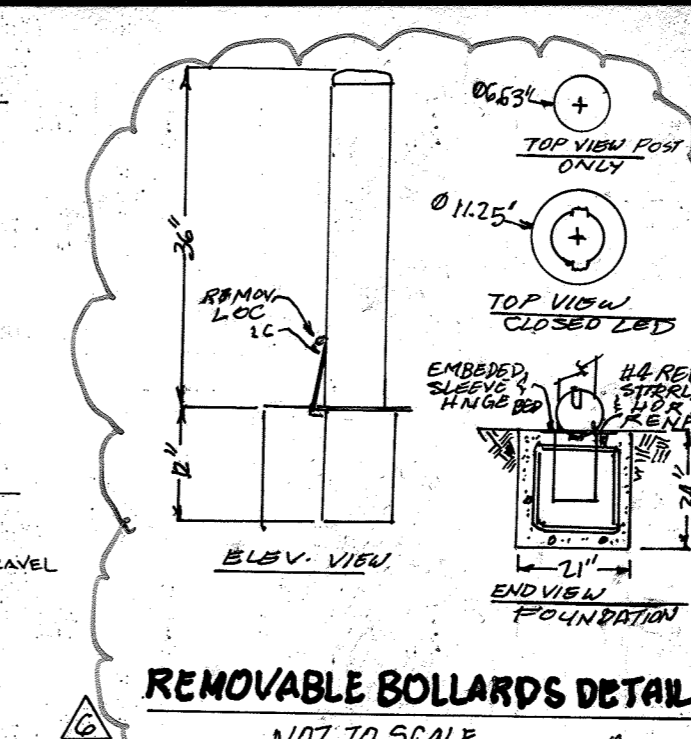
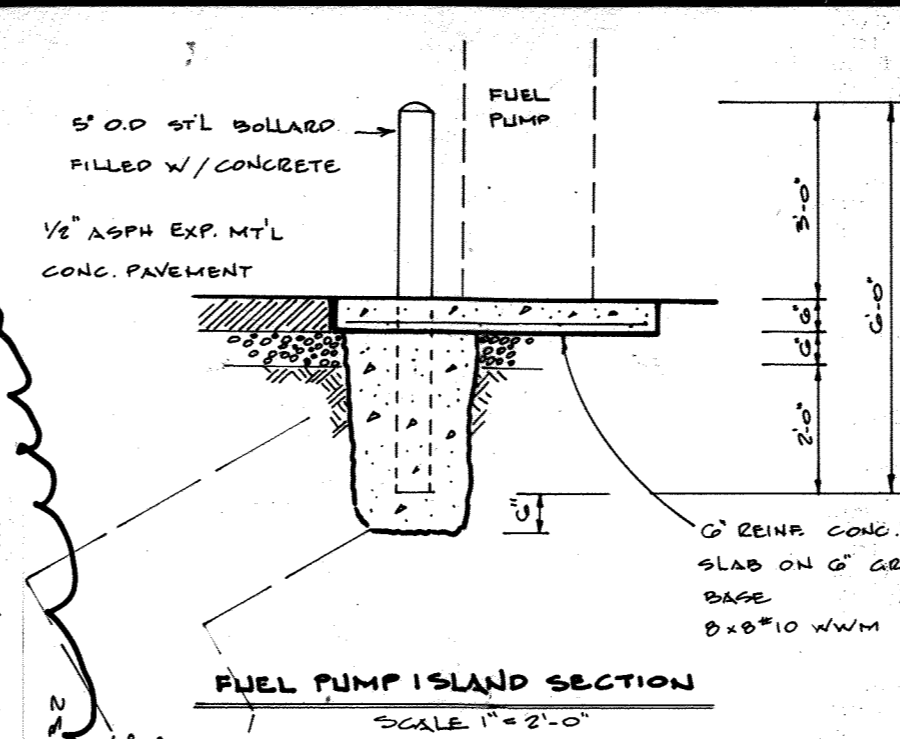
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STATE OF MARYLAND
Professional Certificate
I HEREBY CERTIFY THAT THE INFORMATION CLOUDED AND LISTED UNDER REVISION #4 ON THIS DOCUMENT WAS PREPARED OR APPROVED BY ME.
8-31-15

DRIVEWAY REPAIR
THE PROPOSED WORK HAS A LIMIT OF DISTURBANCE OF 1,800 SF AND IS EXEMPT FROM SWM FOR ANY FUTURE REVISIONS WHERE THE CUMULATIVE LOD EXCEEDS 5,000 SF. SWM SHALL BE PROVIDED.



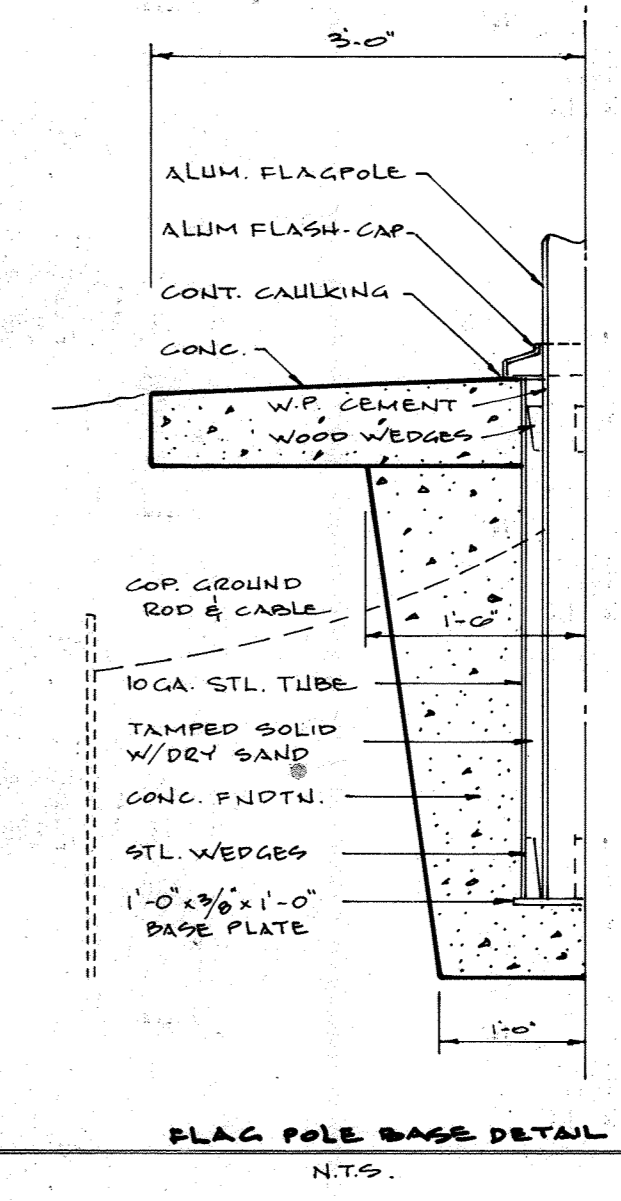
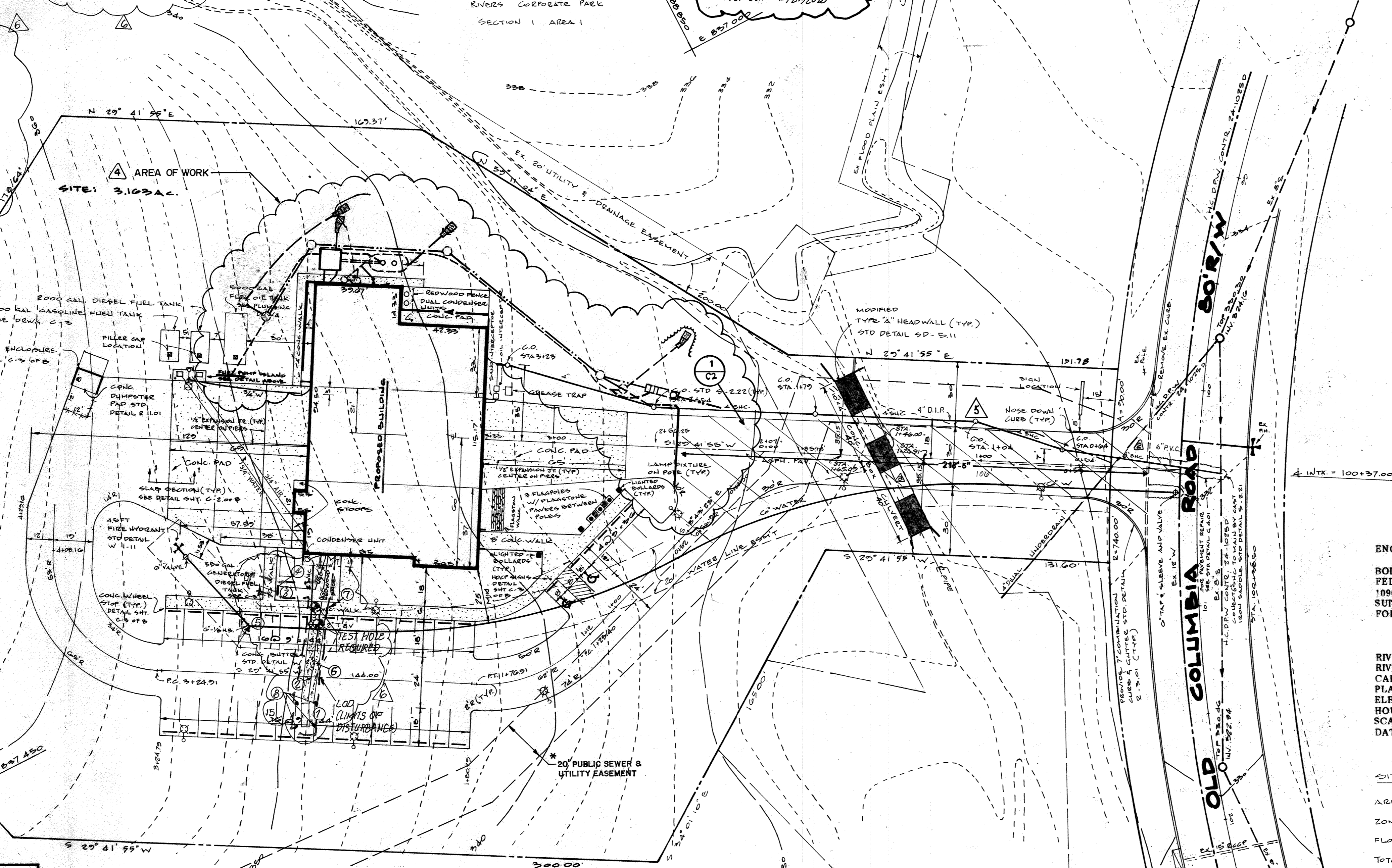
Professional Certification:
I HEREBY CERTIFY THAT THESE DOCUMENTS (THE INFORMATION CLOUDED AND LISTED UNDER REVISION #4) WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY CERTIFIED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 24548. EXPIRATION DATE 11/24/2023.
Faraba 7/31/23



REVISION # 6 SHEET KEYNOTES

- #1. PROP. GENERATOR REFER TO ELECTRICAL PLANS FOR DETAILS.
- #2. PROP. UNDERGROUND ELECTRIC CONDUIT COORDINATE WITH ELECTRICAL PLANS FOR DETAILS.
- #3. PROVIDE NORMAL POWER FEEDERS REFER TO ELECTRICAL PLANS FOR DETAILS.
- #4. METER LOT CABIN.
- #5. COORDINATE ALL REQUIREMENTS WITH LOCAL UTILITY POWER COMPANY.
- #6. REMOVE AND REPLACE EXISTING ASPHALT PER HOWARD COUNTY UTILITY TRENCH RE-PAVING STANDARD SEE DESIGN MANUAL VOLUME IV STANDARD DETAIL G-401.
- #7. REMOVE AND REPLACE EXISTING CONC. WALK PER HOWARD COUNTY UTILITY TRENCH RE-PAVING STANDARD SEE DESIGN MANUAL VOLUME IV STANDARD DETAIL G-401.
- #8. REMOVABLE BOLLARDS PER DETAIL SHOWN ABOVE.

⊕ DENOTES REQUIRED TEST HOLE CONTRACTOR IS RESPONSIBLE FOR HAND DIG A TEST HOLE TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF UTILITY LINE



ENGINEER
ROLLING W. HAXALL, JR.
FEDCO SYSTEMS, INC.
10903 INDIAN HEAD HIGHWAY
SUITE 200
FORT WASHINGTON, MARYLAND 20744

OWNER
DEPARTMENT OF PUBLIC WORKS OF HOWARD COUNTY, MARYLAND
9450 COLLET HOUSE DRIVE
ELLCOTT CITY, MD 21043

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
RIVERS PARK FIRE STATION NO. 10
CAPITAL PROJECT F5509
PLAT NO. 5079
ELECTION DISTRICT NO. 6
HOWARD COUNTY, MARYLAND
SCALE 1"=30'
DATE: DECEMBER 20, 1985

SITE ANALYSIS
AREA OF PARCEL = 3,103 AC. = 137,702 SQ. FT.
ZONED: OPEN SPACE - AMENDED FDP PHASE 1B-A-1
FLOOR SPACE: 2822 SQ. FT.
TOTAL PARKING PROVIDED: 32 REGULAR SPACES
2 HANDICAPPED SPACES
TOTAL 34 SPACES

SUBDIVISION NAME		SECT./AREA	LOT/PARCEL #
RIVERS CORPORATE PARK		1/1	170 28
PLAT # OR LOT BLOCK #	ZONE	TAX/ZONE INP	ELEC. DIST
5079	7	HT-03	42
WATER CODE		SEWER CODE	
E 10		S220000	

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	10903 OLD COLUMBIA RD.

APPROVED FOR PUBLIC WATER, PUBLIC SEWER AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director: [Signature] 2/23/86
Chief, Bureau of Engineering: [Signature] 2/23/86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWER SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 3-7-86

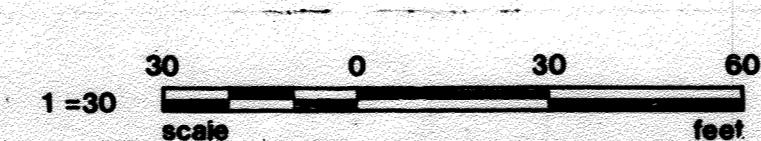
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 4-18-86
[Signature] 4-18-86

- GENERAL SITE NOTES:**
- ALL STD. DETAILS REFERRED TO HEREIN ARE FROM H.C.D.P.W. STD SPECIFICATION AND DETAILS FOR CONSTRUCTION.
 - ALL WALKS TO BE 4" CONCRETE AS PER STD DETAIL R-2-03.
 - ALL ASPHALT PAVING TO BE PAVING SECTION F-3 OF STD DETAIL R-2-01.
 - G.W. TO BE DUCTILE IRON PIPE AND IN ACCORDANCE WITH ALL THE REQUIREMENTS OF ANWA SPECIFICATION C-151. 2" W/C TO BE SOFT TEMPER TYPE K COPPER.
 - 4" S/C TO BE CAST IRON.
 - 10" x 4" PRECAST BOX CULVERT, MANUFACTURED BY A. ROTONDO & SONS, INC. AGEN, CONN., OR EQUIVALENT.
 - ALL UTILITY CONSTRUCTION TO CONFORM TO THE HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DESIGN MANUAL VOLUME IX).

NOTE:
REMOVAL OF ANY EXISTING LANDSCAPE PLANTINGS DURING CONSTRUCTION OF THE RAINWATER HARVESTING AND VEHICLE WASH FACILITY MUST BE REPLACED WITH NEW PLANT MATERIALS OF THE SAME TYPE AND QUANTITY TO ENSURE CONTINUED COMPLIANCE WITH THE APPROVED LANDSCAPE PLAN, AS SHOWN ON SHEET C4 OF 8 OF THIS PLAN SET.

THIS SHEET WAS MODIFIED TO INCLUDE THE RAINWATER HARVESTING FACILITIES DESIGN INFORMATION. REFER TO THE SOUTH COUNTY RAINWATER HARVESTING AND WASH PAD DESIGN PACKAGE, CAPITAL PROJECT C-0315, ORIGINALLY DATED APRIL 2015, (LATEST REVISION).

THE LOD OF 938 SFT IS LESS THAN 5,000 SFT THEREFORE THE IMPROVEMENTS ARE EXEMPT FROM PROVIDING STORMWATER MANAGEMENT. ANY CUMULATIVE INCREASE IN LOD EXCEEDING 5,000 SFT SHALL REQUIRE THAT STORMWATER MANAGEMENT BE PROVIDED.



DRIVEWAY REPAIR

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE: 4-16-86

* 20' PUBLIC SEWER & UTILITY EASEMENT, PLAT # 21853

REDLINE REVISIONS - SEE NOTE
REVISIONS:
DATE: 2-18-86
APPROVED: [Signature]

SITE LAYOUT
REDLINE REVISION - SEE NOTE
REVISIONS:
DATE: [Blank]
APPROVED: [Blank]

RIVERS PARK FIRE STATION
FOR THE DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT F 5509

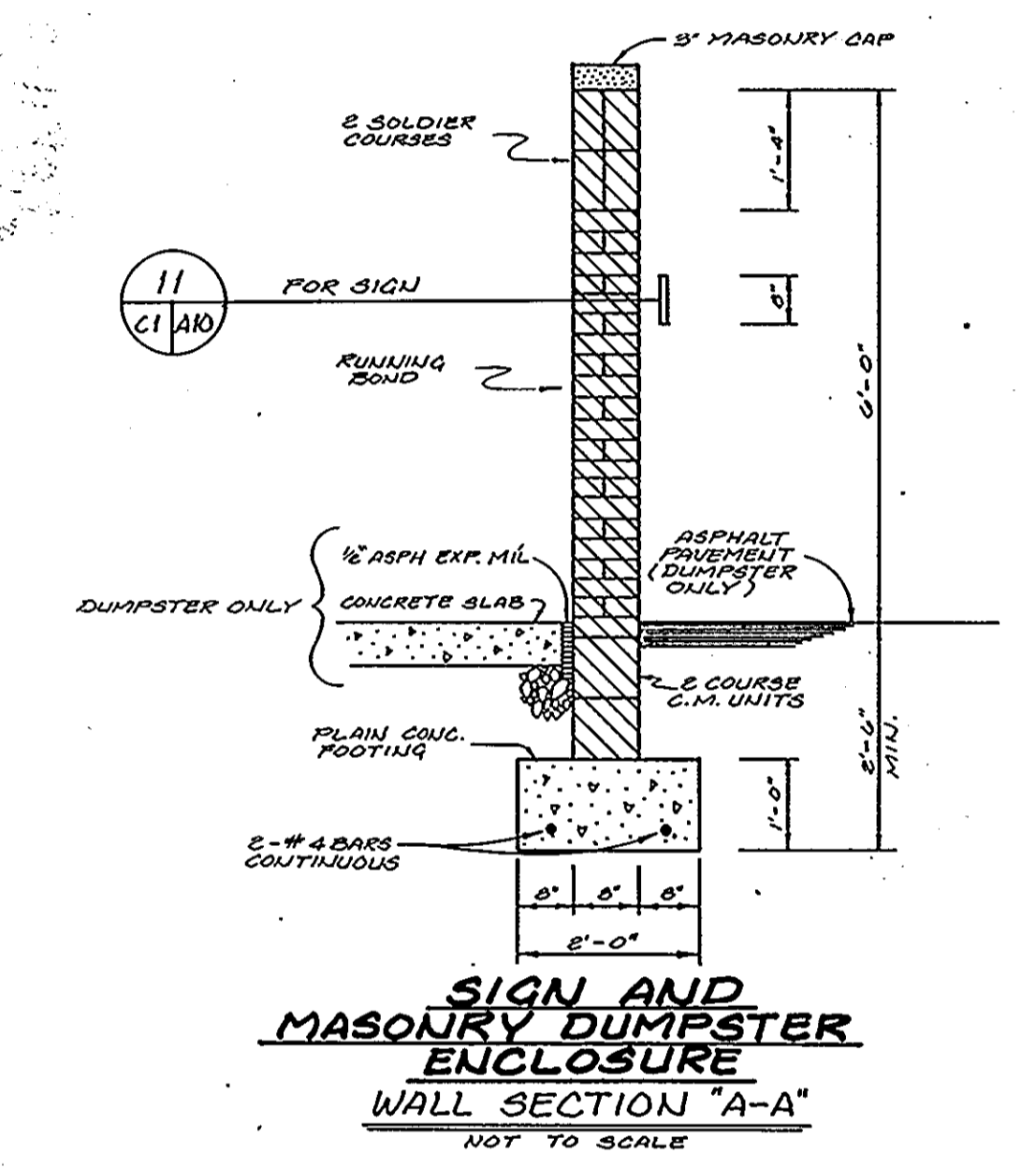
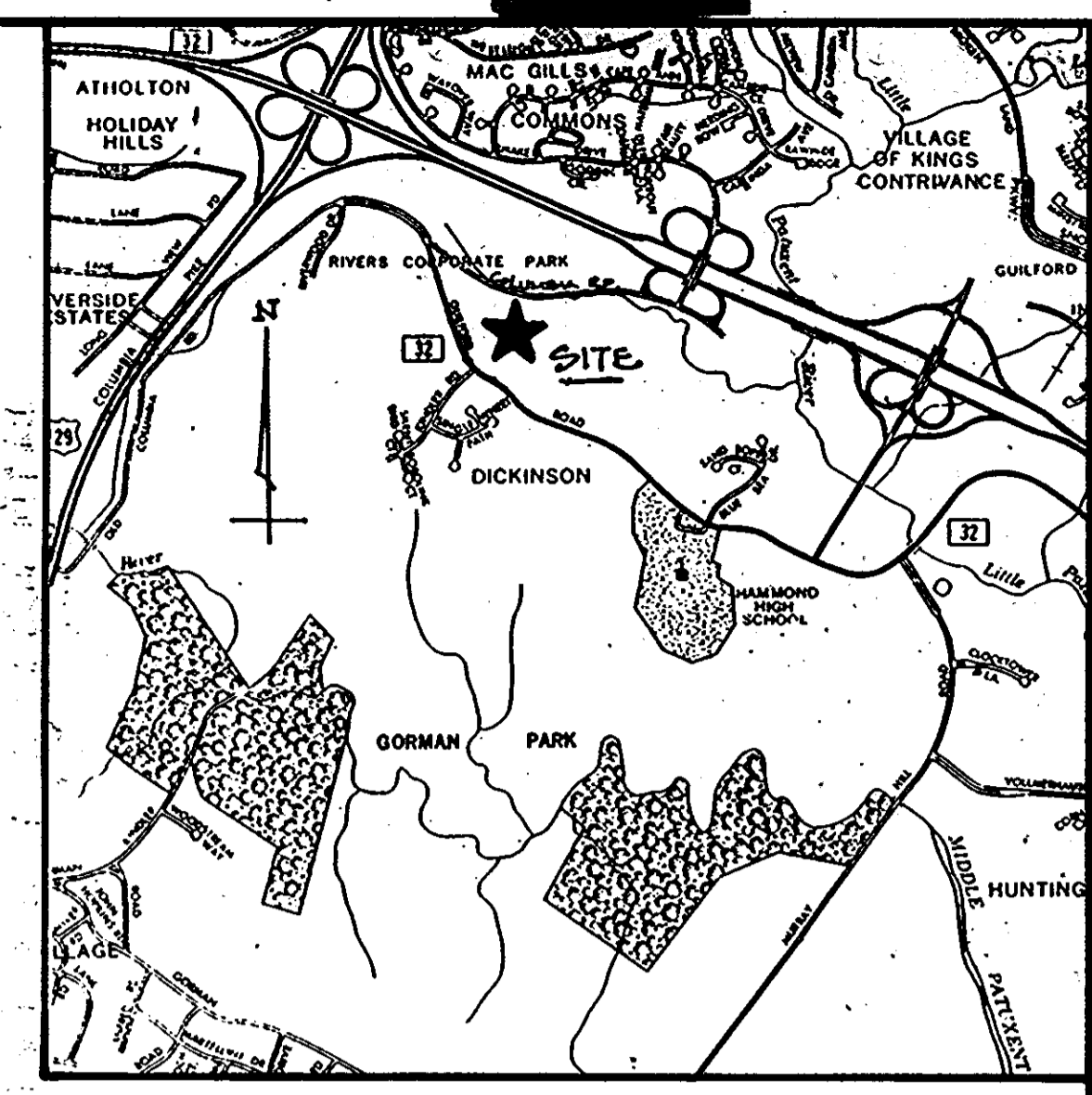
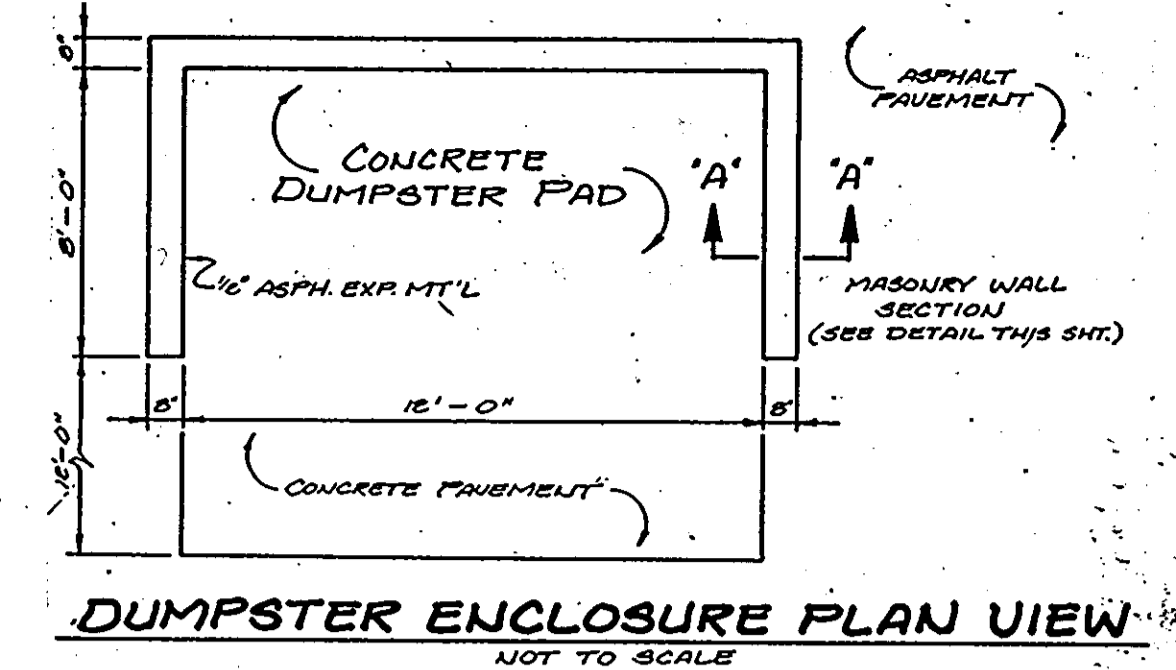
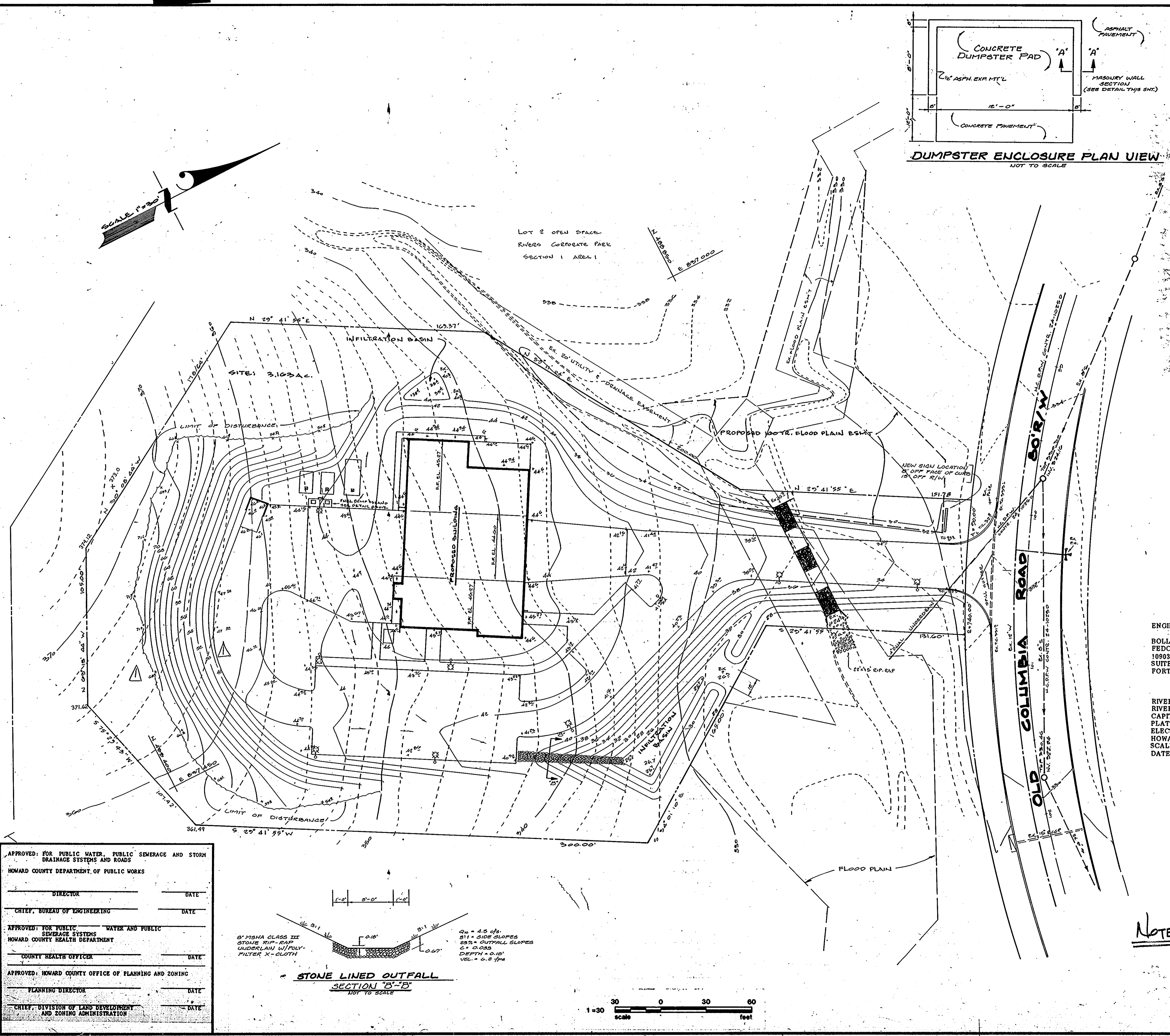
Fedco Systems, Incorporated
Prospect Square, Suite 200
10903 Indian Head Highway
Fort Washington, MD 20744
(301) 292-0200
(301) 932-1900

STATE OF MARYLAND
Professional Engineer
[Signature]

INSI
architects, engineers, landscape architects, planners, surveyors, construction managers

Sheet No. **C1** OF 8
Project No. 25-0-024

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ENGINEER
 BOLLING W. HAXALL, JR.
 FEDCO SYSTEMS, INC.
 10903 INDIAN HEAD HIGHWAY
 SUITE 200
 FORT WASHINGTON, MARYLAND 20744

OWNER
 DEPARTMENT OF PUBLIC WORKS OF
 HOWARD COUNTY, MARYLAND
 3400 CALVERT HOUSE DRIVE
 BELLGATE CITY, MD. 21040

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
 RIVERS PARK FIRE STATION NO. 10
 CAPITAL PROJECT F5509
 PLAT NO. 5079
 ELECTION DISTRICT NO. 6
 HOWARD COUNTY, MARYLAND
 SCALE 1" = 30'
 DATE: DECEMBER 20, 1985

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

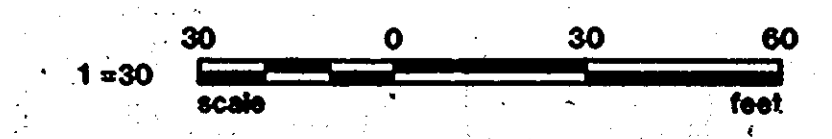
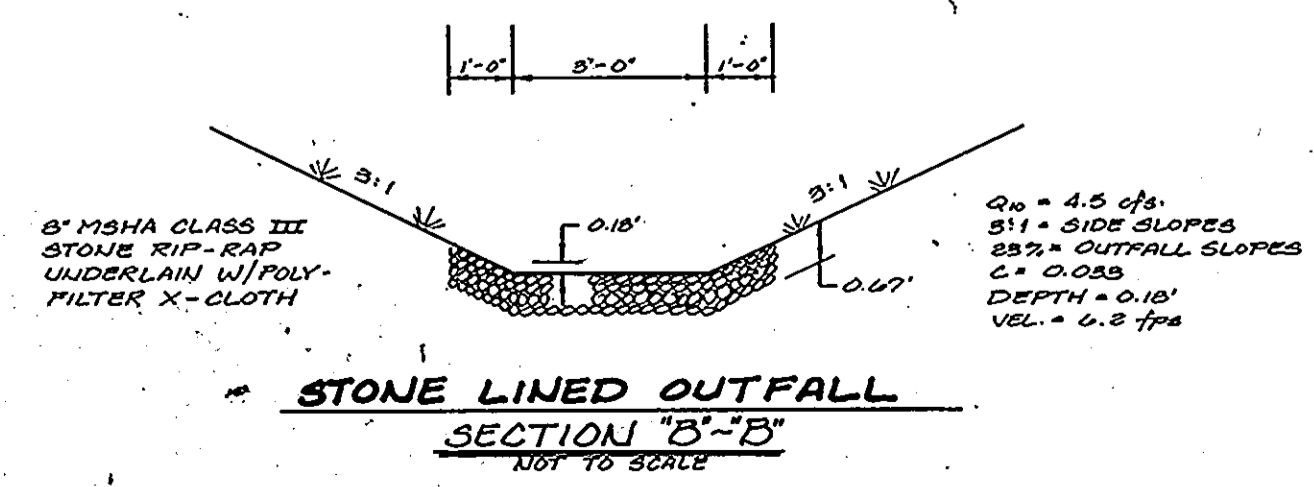
_____ DIRECTOR _____ DATE _____
 _____ CHIEF, BUREAU OF ENGINEERING _____ DATE _____

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT

_____ COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

_____ PLANNING DIRECTOR _____ DATE _____
 _____ CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION _____ DATE _____



NOTE: THIS SHEET TO BE USE ONLY FOR GRADING CHANGE AT REAR OF BUILDING

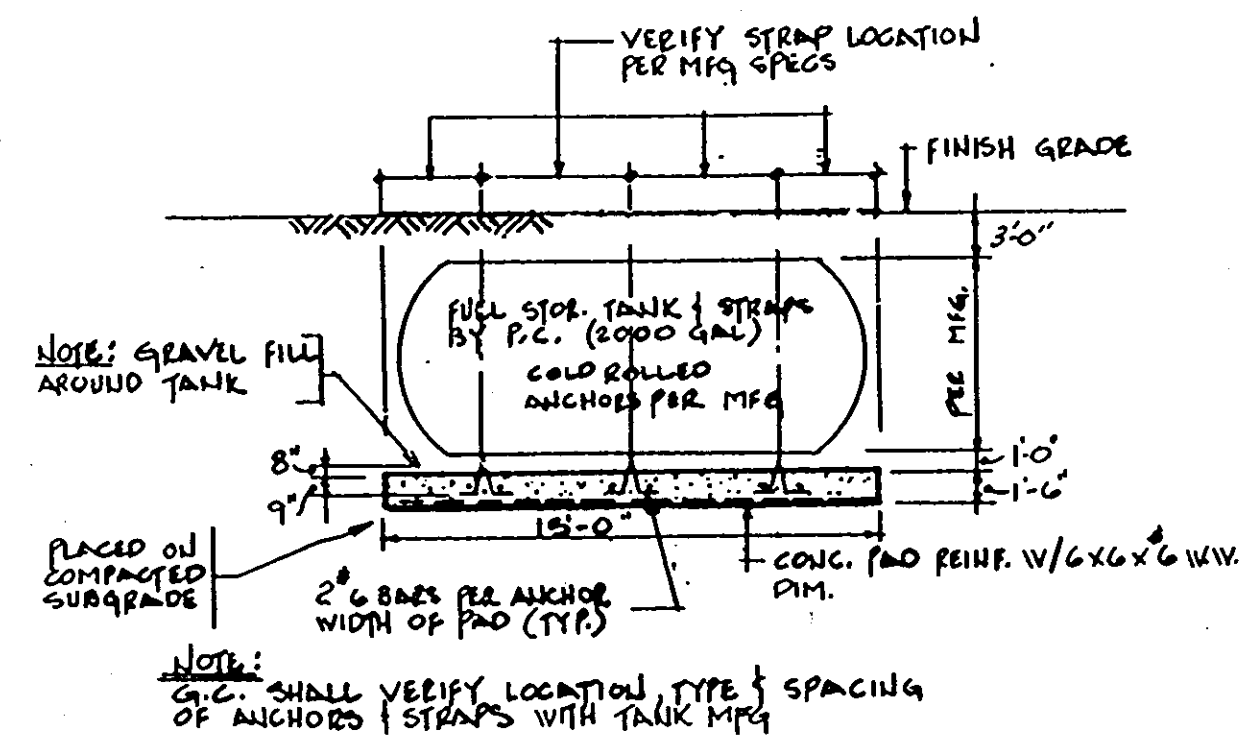
Sheet Title: **PARTIAL GRADING PLAN BUILDING ONLY**
RIVERS PARK FIRE STATION
 FOR THE DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 CAPITAL PROJECT F 5509

ISFSI
 architects, engineers, landscape architects, planners, surveyors, construction managers

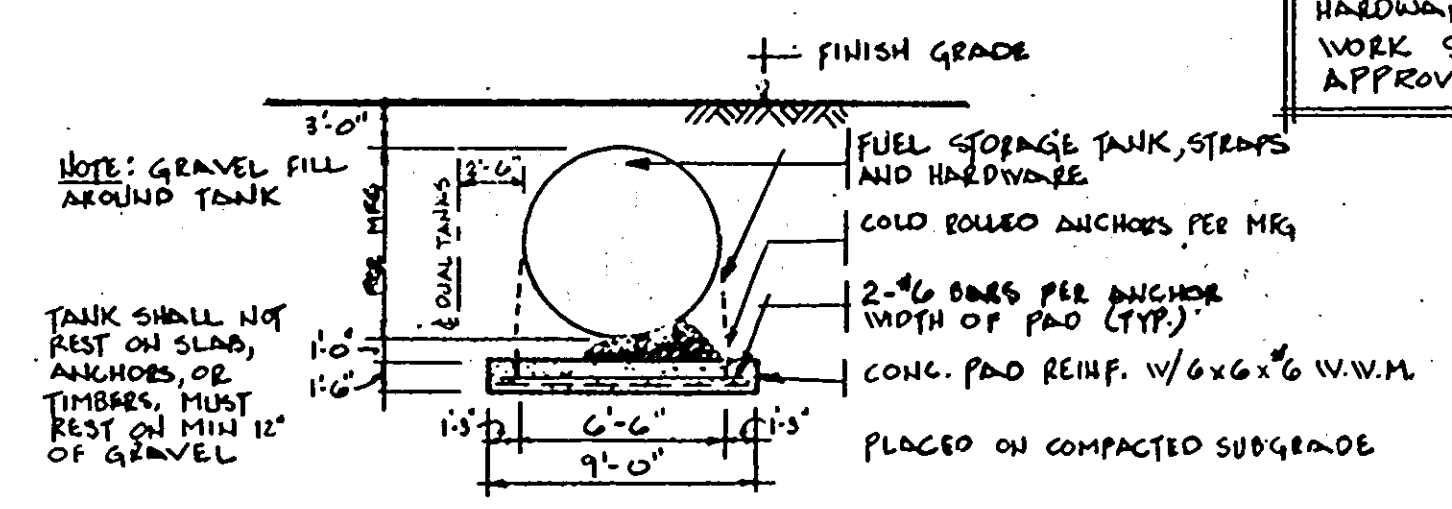
Fedco Systems, Incorporated
 Prospect Square, Suite 200
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 (301) 292-0200
 (301) 932-1900

AS-BUILT JOHN E. HARMS JR. + ASSOC. DEC. 1987

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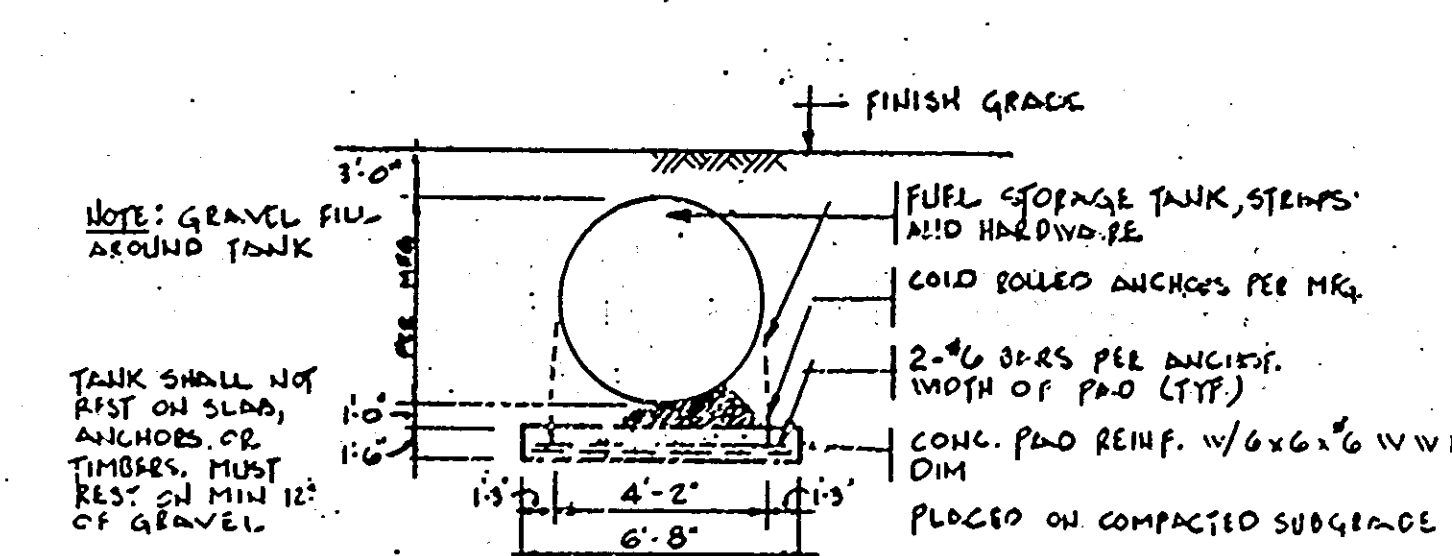
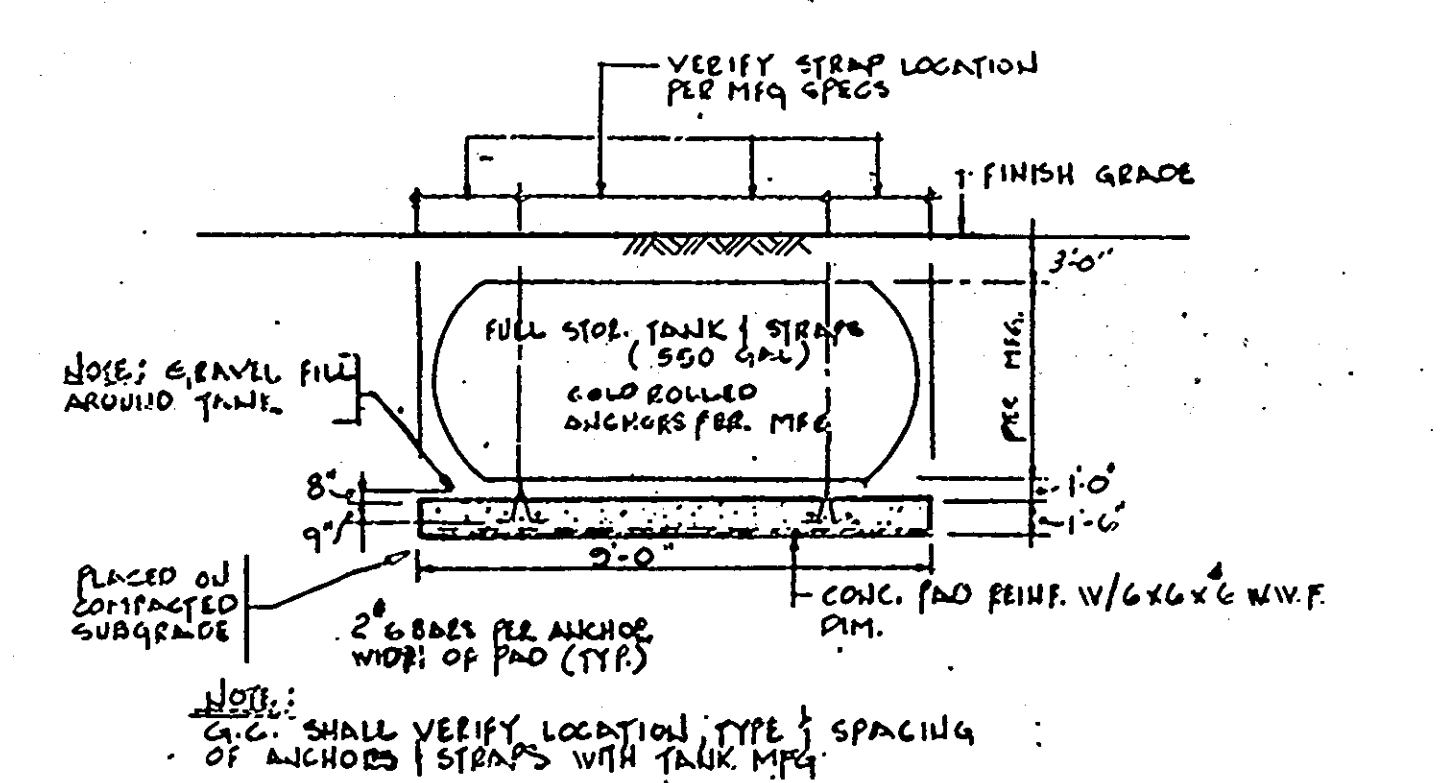


NOTE: ALL TANKS TO HAVE REINFORCED BOTTOMS UNDER OPENINGS FOR STICK GANGES.



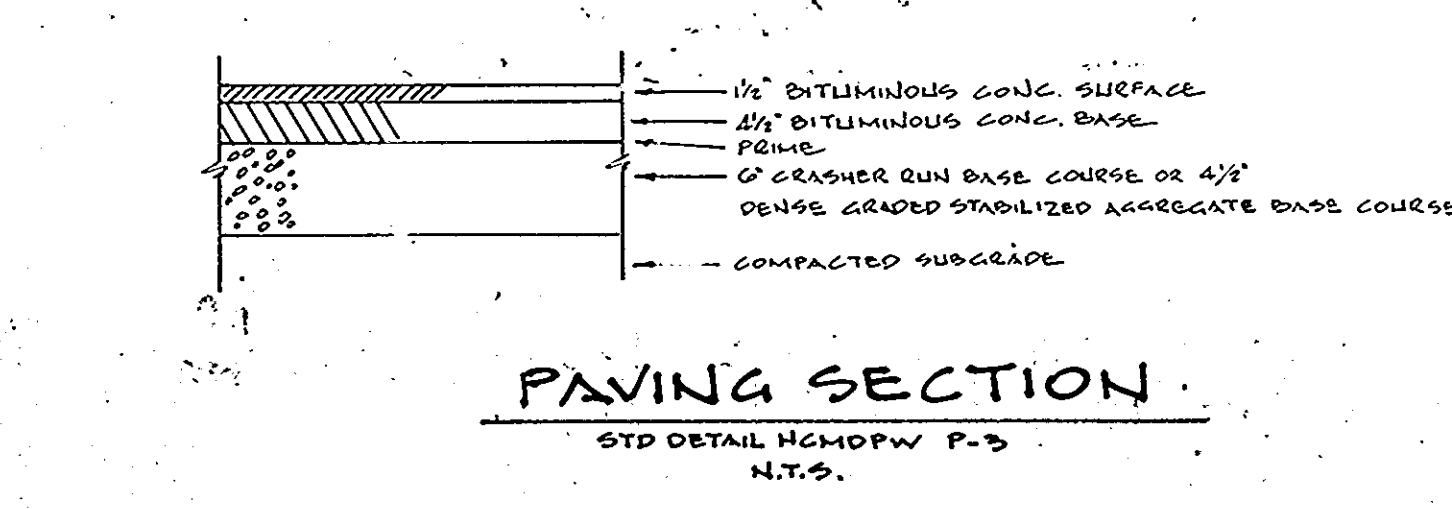
NOTE: SHOP DRAWING FOR FUEL TANK, HARDWARE, PLUMBING, ELECTRICAL WORK SHALL BE FURNISHED FOR APPROVAL PRIOR TO INSTALLATION.

U.G. FUEL STORAGE TANK DETAIL (TYP) N.T.S.

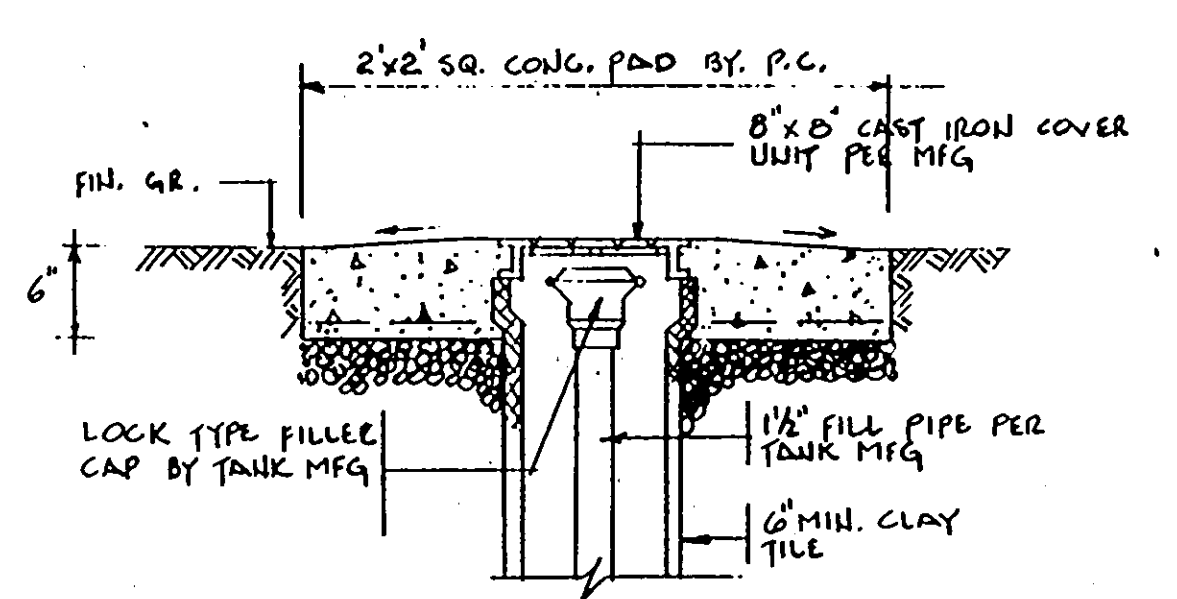


U.G. FUEL STORAGE TANK DETAIL N.T.S.

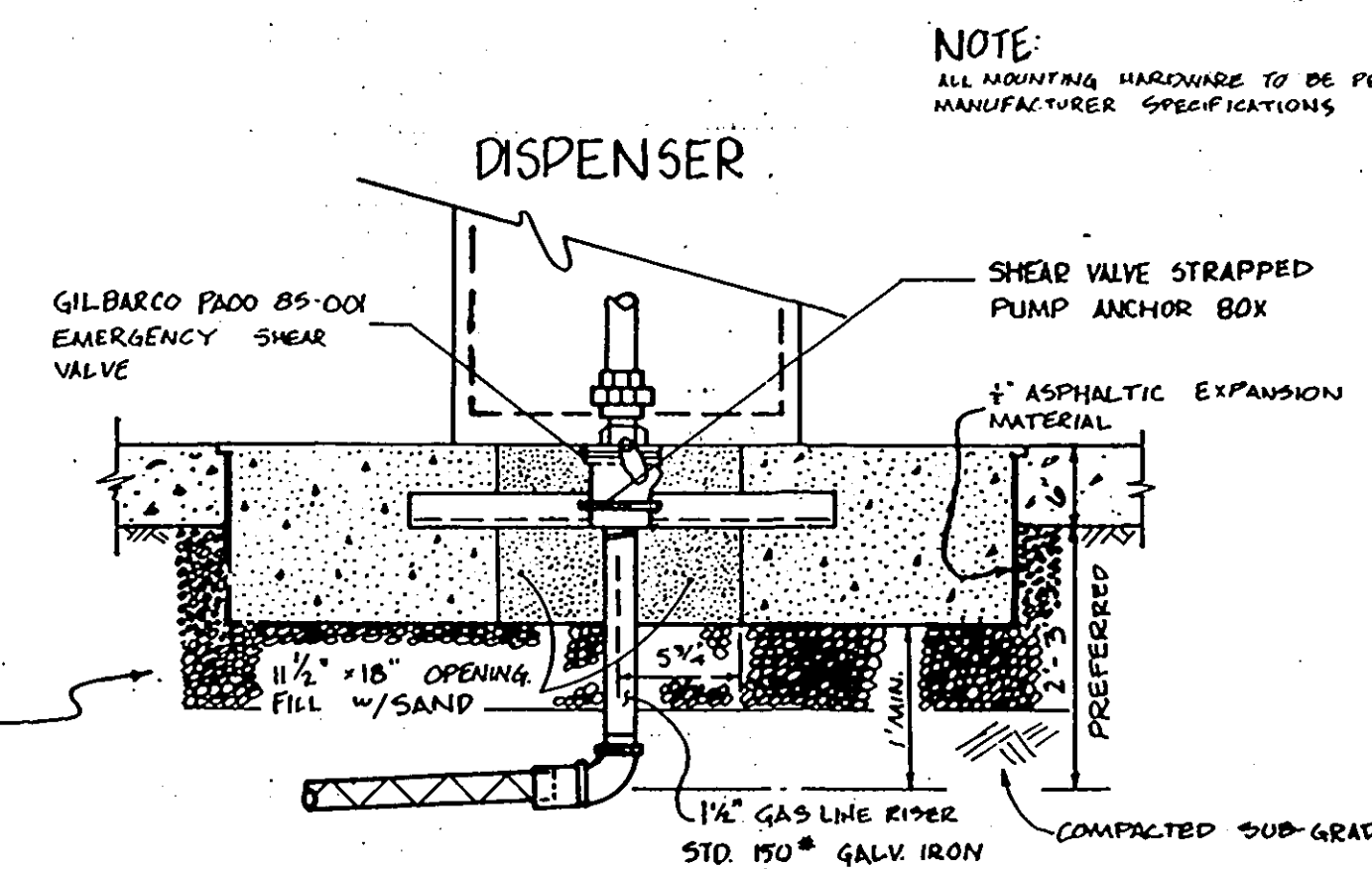
- GENERAL FUEL STORAGE TANK NOTES
- 1) The (2) 2000 Gallon Storage Tanks Shall Be Placed With A Minimum Of 5' Horizontal Clearance Between Them.
 - 2) All Electrical Wiring To Tank, Pump And Electrical Panel To Be Placed In Rigid Conduit. Voltage Arrestors, Ground, Switching, Etc... Per MFG. Specifications And 1984 NEC.
 - 3) All Fittings, Hook-Ups, Plumbing, Electrical Work, Fuel Tanks, And Hardware To Be Supplied And Installed By The Contractor.
 - 4) New Fuel Tanks Shall Be Of Fiberglass (Owens-Corning Or Equal) Construction And Installed Per MFG. Specs. Backfill And Bedding Material Shall Be Pea-Gravel Type Material. Washed Clean, Naturally Rounded Aggregate Of 1/4" Nominal Size Is To Be Used. Do Not Use Sand Or Dirt Backfill.
 - 5) Installation Must Be In Accordance With The Latest National Fire Protection Assoc. Regulations.



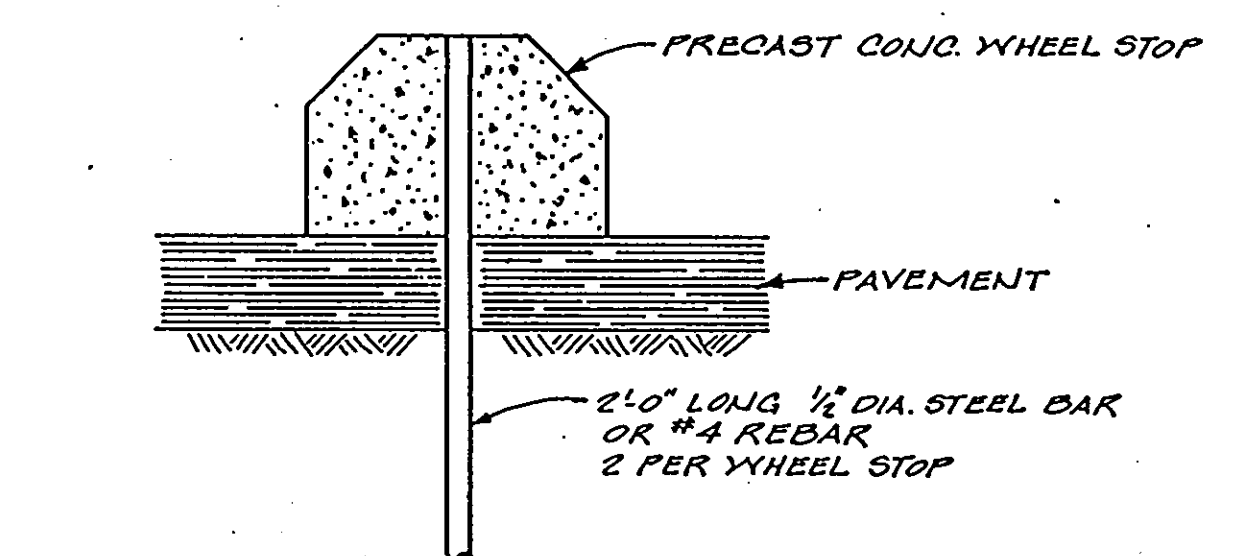
PAVING SECTION STD DETAIL H&MOPW P-3 N.T.S.



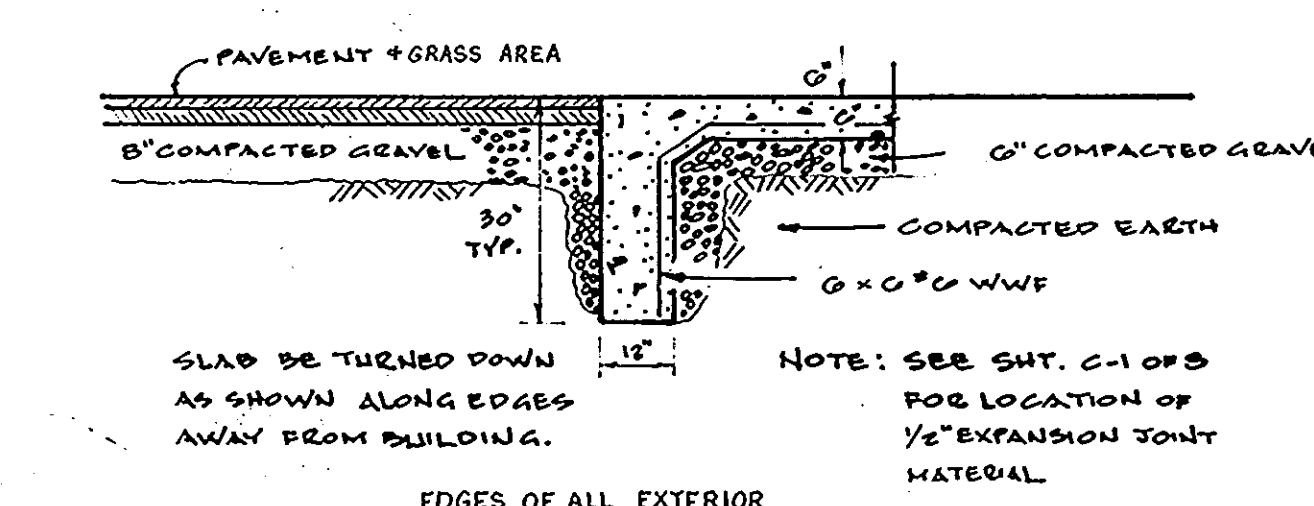
FUEL STORAGE TANK FILL CAP (TYP) N.T.S.



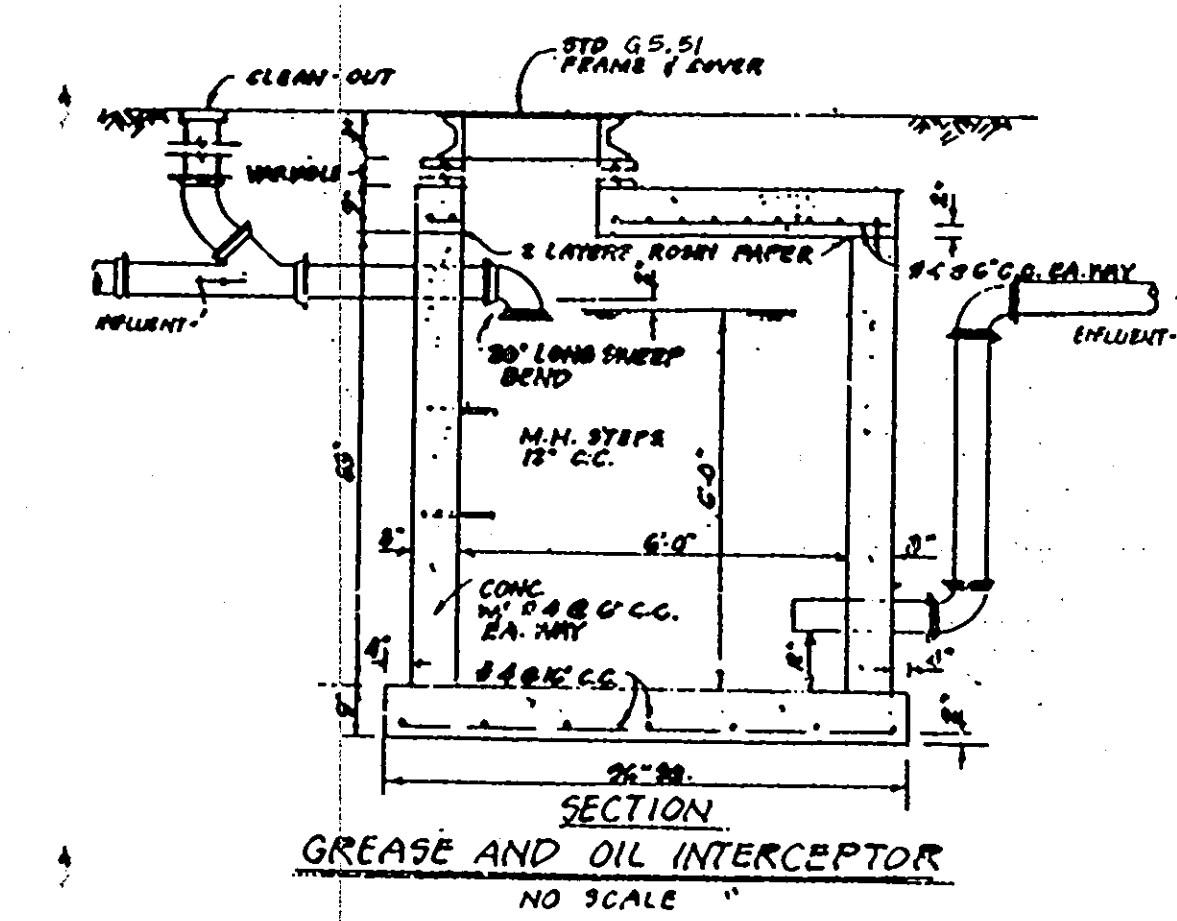
CONCRETE FUEL PUMP ISLAND N.T.S.



CONC. WHEEL STOP DETAIL NO SCALE



TYPICAL SLAB SECTION N.T.S.



SECTION GREASE AND OIL INTERCEPTOR NO SCALE

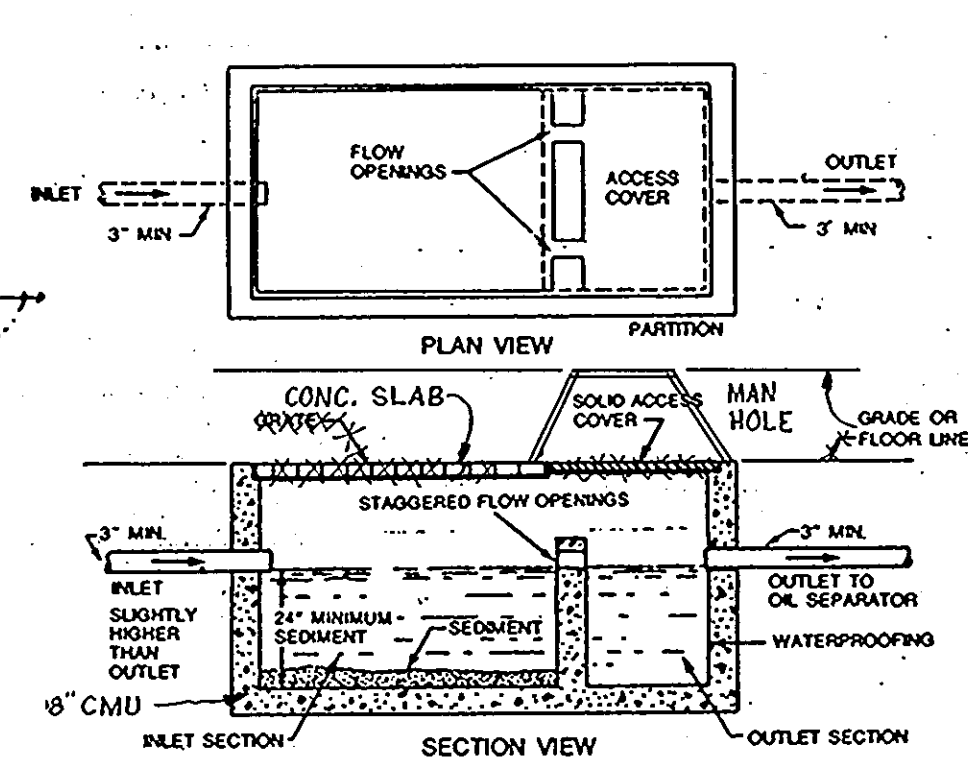
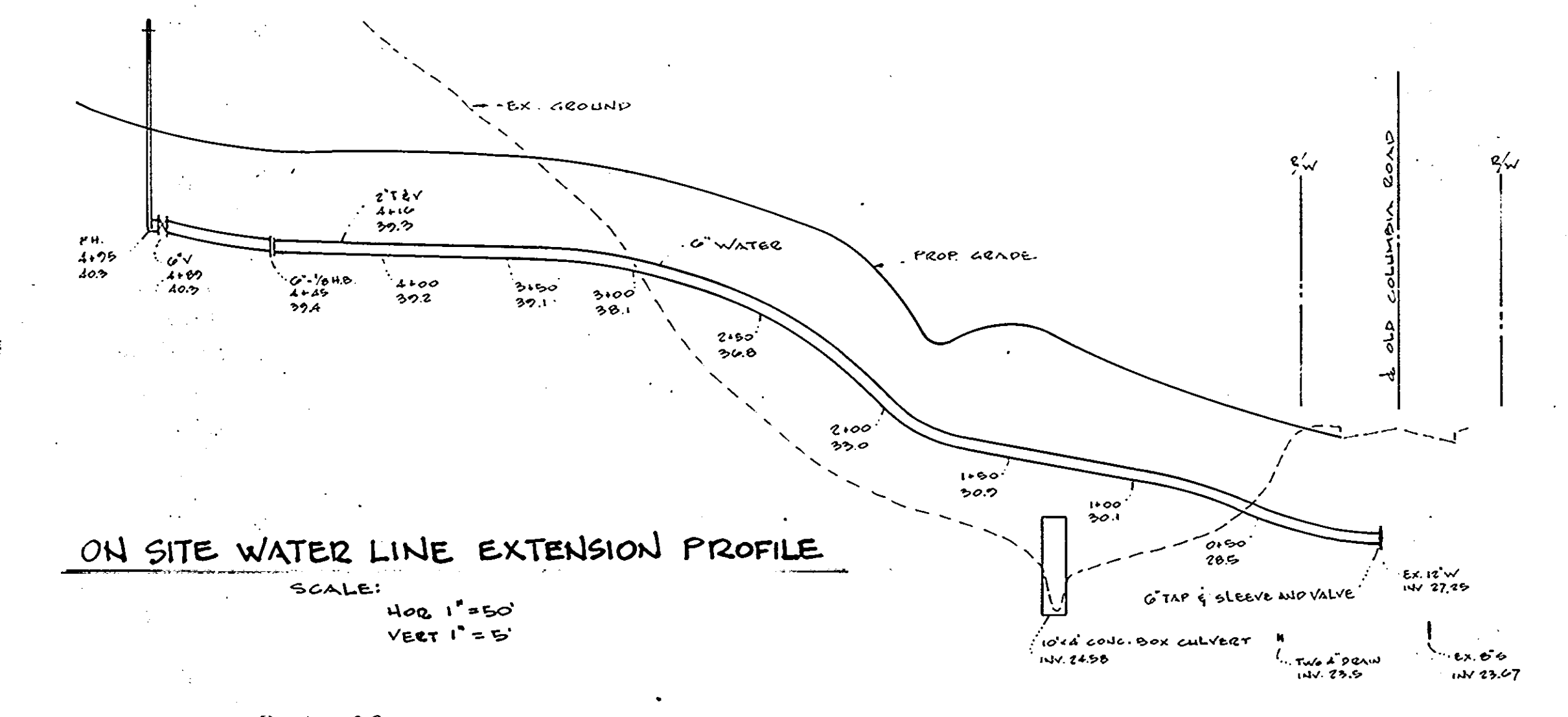
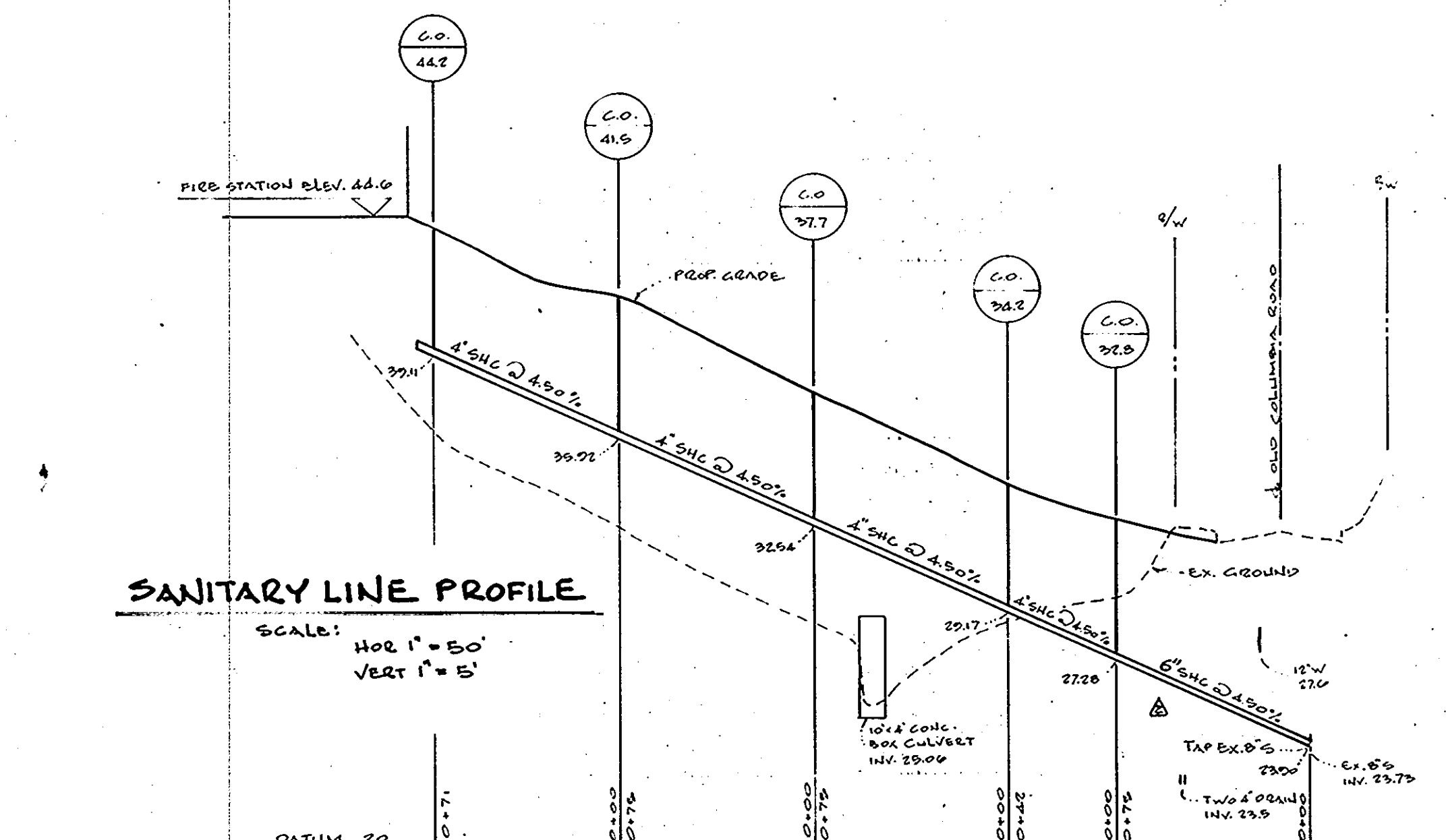


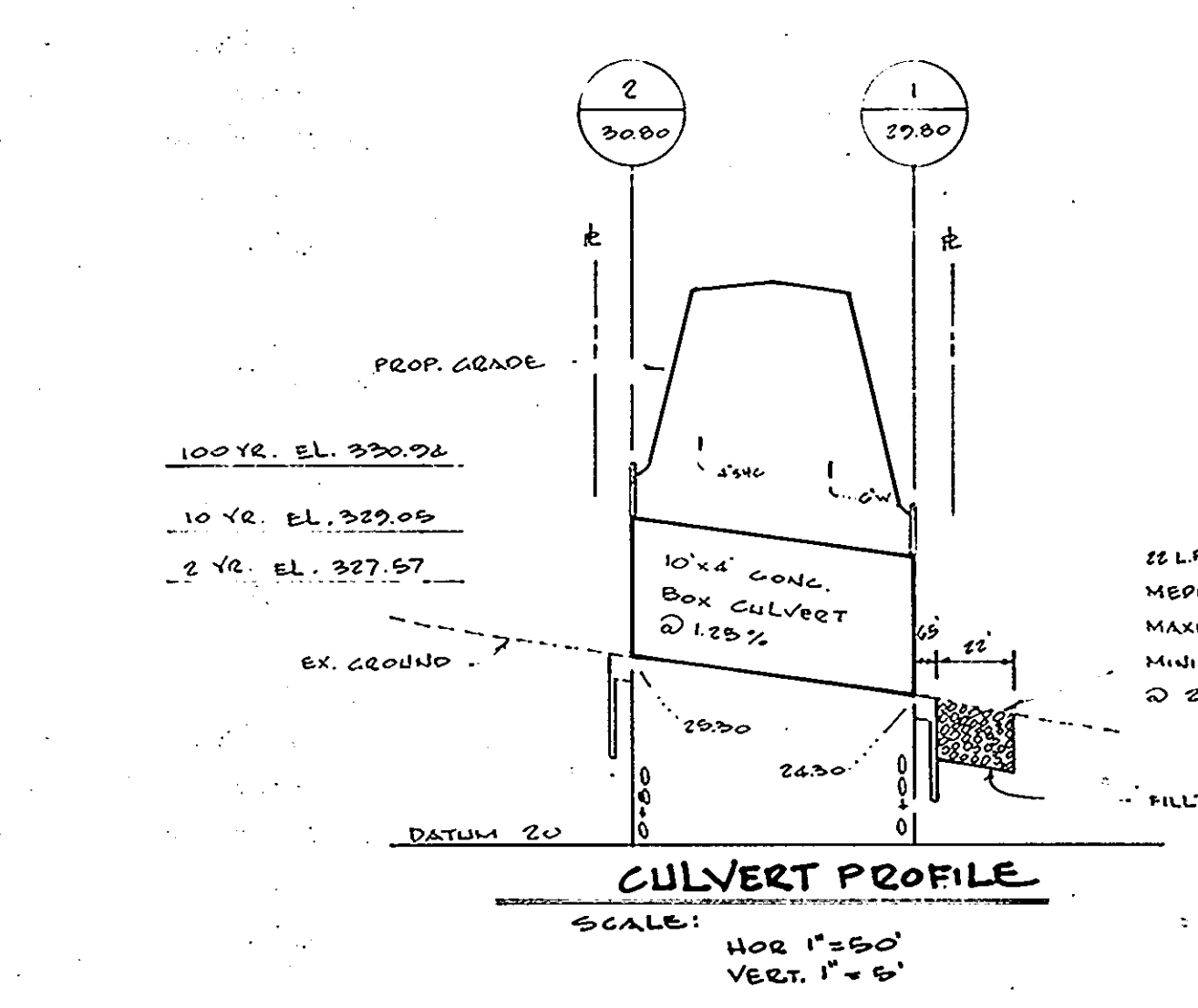
FIGURE 6.4.2 TYPICAL CONSTRUCTION OF A SAND INTERCEPTOR FOR USE WITH OIL INTERCEPTOR



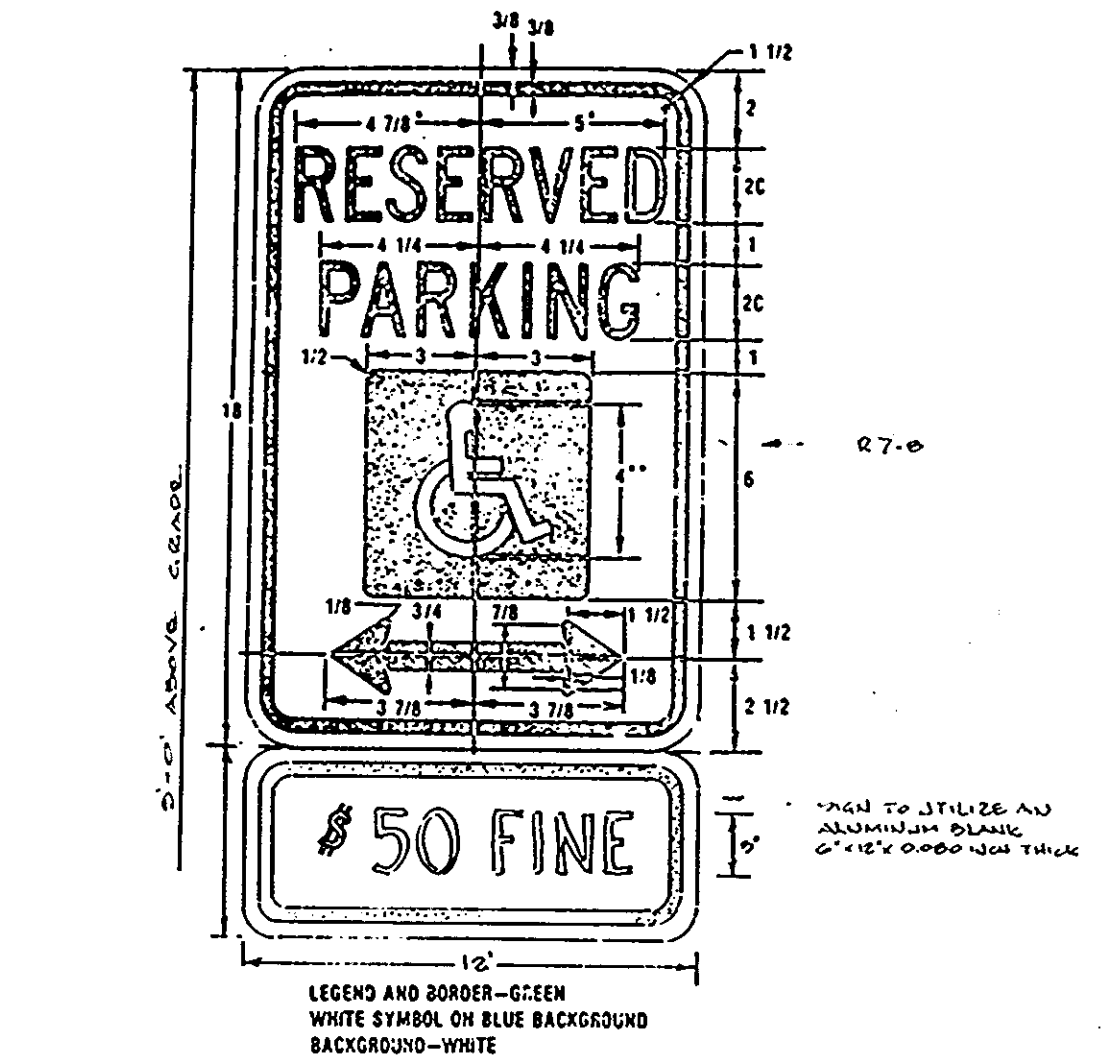
ON SITE WATER LINE EXTENSION PROFILE SCALE: HOR 1"=50' VERT 1"=5'



SANITARY LINE PROFILE SCALE: HOR 1"=50' VERT 1"=5'



CULVERT PROFILE SCALE: HOR 1"=50' VERT 1"=5'



HANDICAPPED SIGN DETAIL N.T.S.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	DATE 3-7-86
COUNTY HEALTH OFFICER	
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	DATE 4-18-86
DIRECTOR	
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	DATE 4-18-86
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC WORKS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE 2/28/86
DIRECTOR	
CHIEF BUREAU OF ENGINEERING	DATE 2/28/86

APPROVED PLANNING BOARD OF HOWARD COUNTY DATE 4-16-86



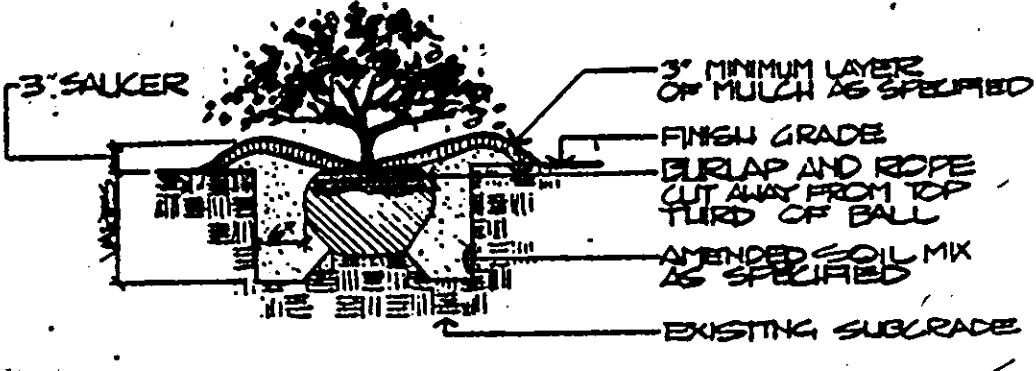
Fedco Systems, Incorporated
Prospect Square, Suite 200
10903 Indian Head Highway
Fort Washington, MD 20744
(301) 292-0200
(301) 932-1900

architects, engineers, landscape architects, planners, surveyors, construction managers

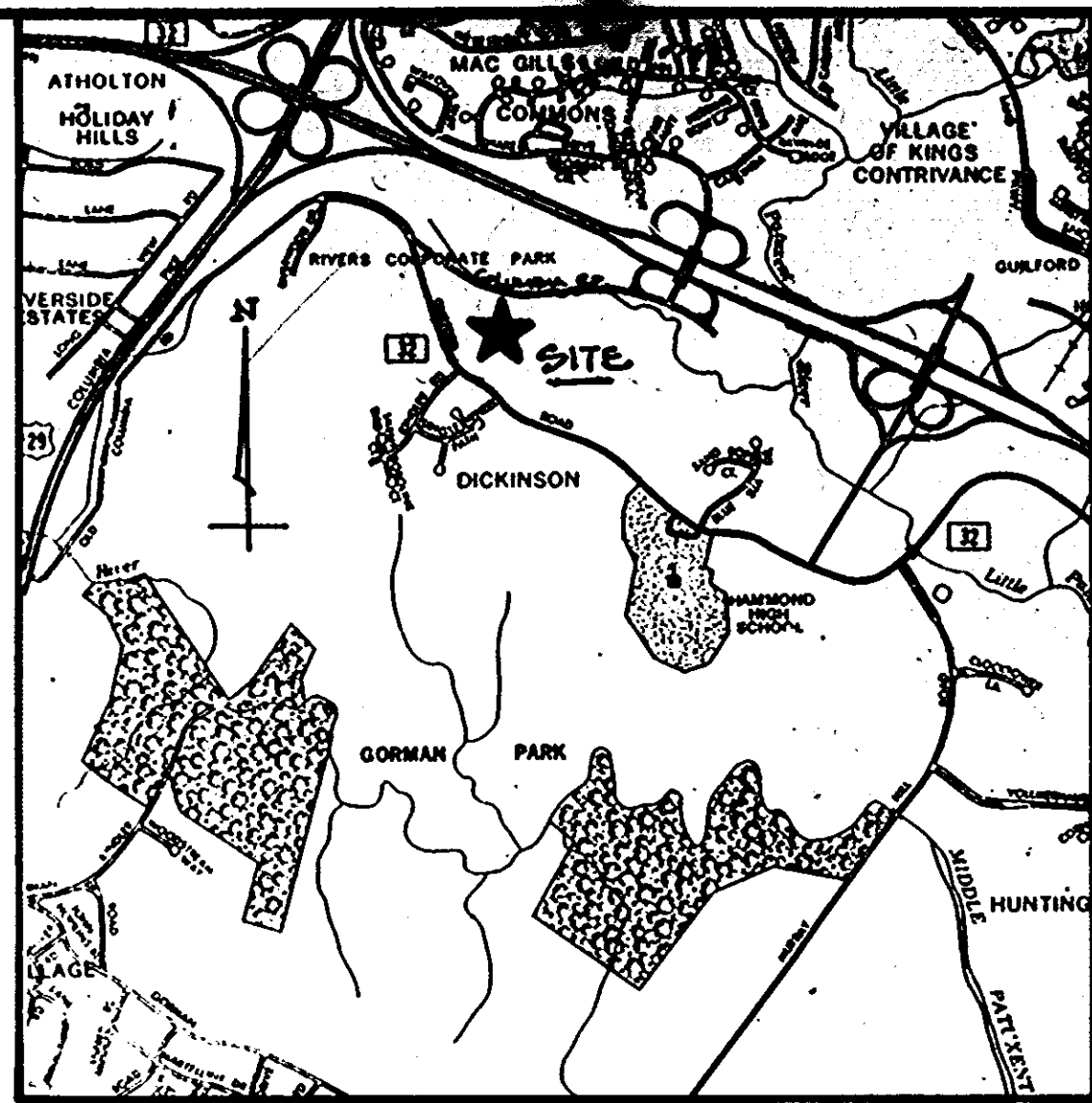
Project No. SDP-86-165c

SITE DETAILS
RIVERS PARK FIRE STATION
FOR THE DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT F 5509

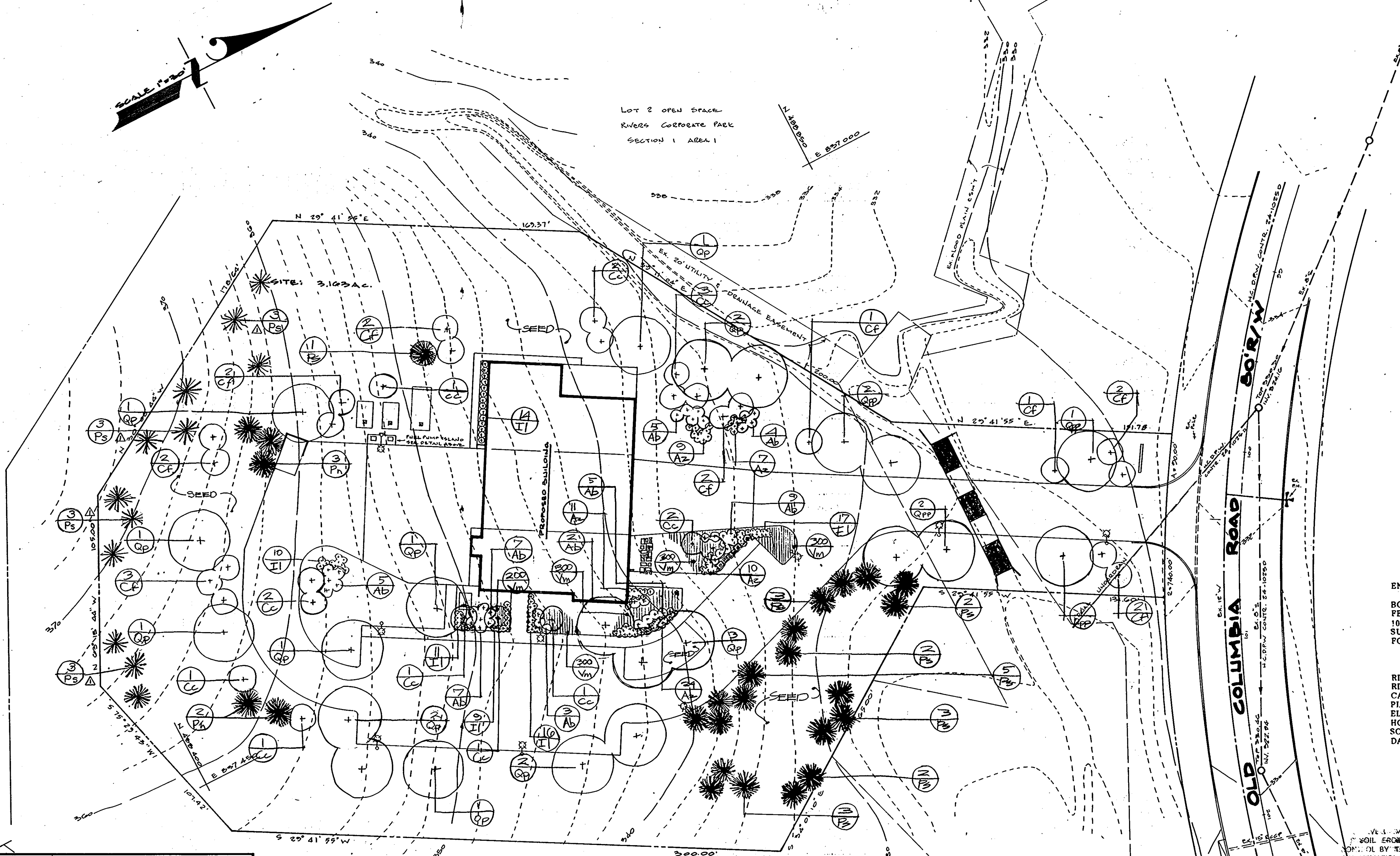
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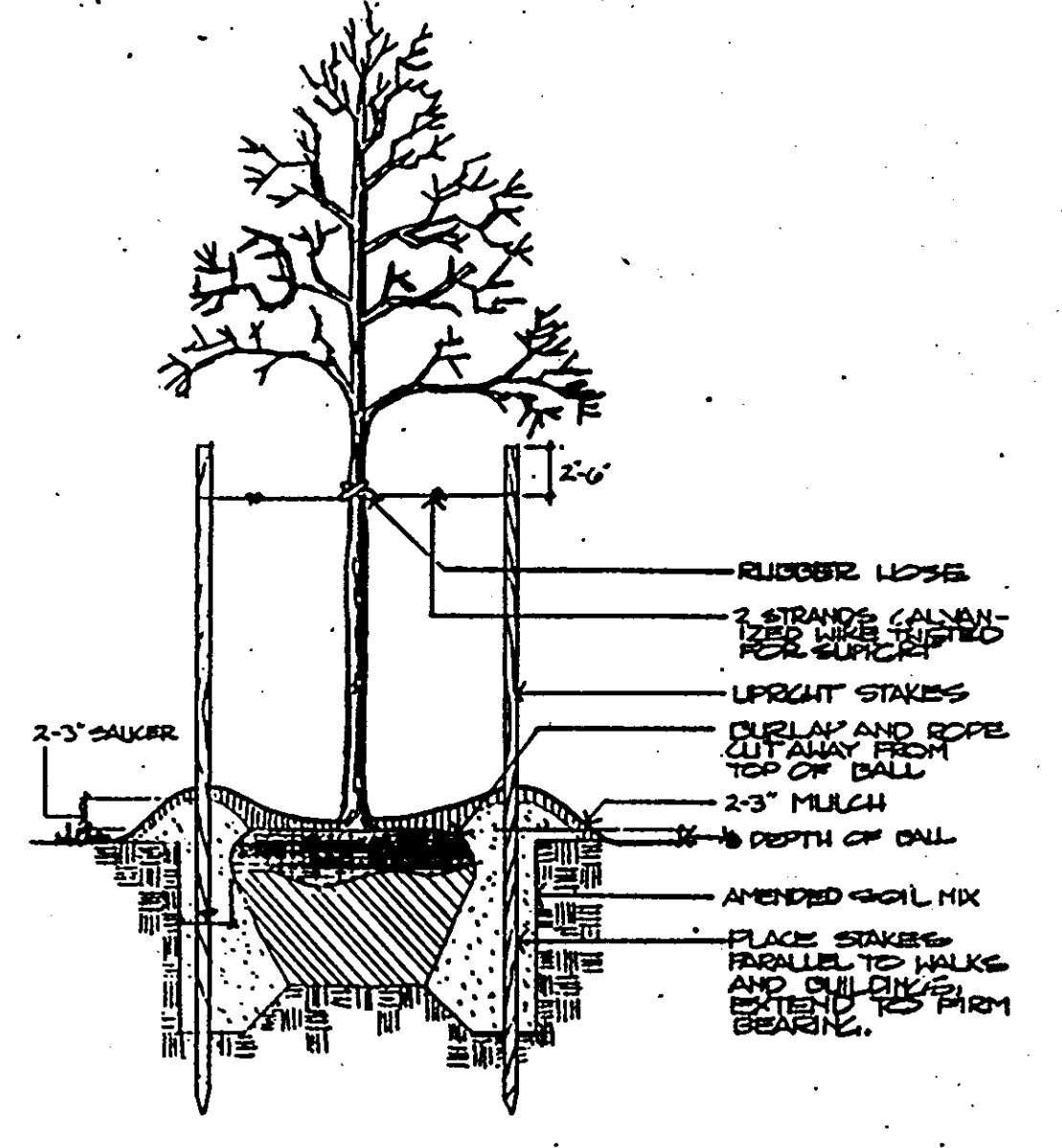
TYPICAL SHRUB PLANTING DETAIL
NO SCALE



LOCATION MAP 1"=2000'



Lot 2 Open Space
Rivers Corporate Park
SECTION 1 AREA 1



TYPICAL TREE STAKING DETAIL
NO SCALE

ENGINEER: BOLLING W. HAXALL, JR., FEDCO SYSTEMS, INC., 10903 INDIAN HEAD HIGHWAY SUITE 200, FORT WASHINGTON, MARYLAND 20744

OWNER: DEPARTMENT OF PUBLIC WORKS OF HOWARD COUNTY, MARYLAND, 5400 CALVERT HOUSE DRIVE, ELLICOTT CITY, MD. 21045

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
RIVERS PARK FIRE STATION NO. 10
CAPITAL PROJECT F5509
PLAT NO. 507P
ELECTION DISTRICT NO. 6
HOWARD COUNTY, MARYLAND
SCALE 1"=30'
DATE: DECEMBER 20, 1985

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 4-16-86

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Director: [Signature] 2/28/86
Chief, Bureau of Engineering: [Signature] 2/28/86

APPROVED FOR PUBLIC SYSTEMS WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
County Health Officer: [Signature] 3-7-86

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Planning Director: [Signature] 4-18-86
Chief, Division of Land Development and Zoning Administration: [Signature] 4-18-86

KEY	QUAN.	BOTANICAL NAME	COMMON NAME	SIZE	METH.	SPCG.	CMTS.
OP	9	Quercus Faguetis	Pin Oak	2 1/2-3" Cal.	B+B		Clear trunk to 5'
OP	13	Quercus phellos	Willow Oak	2 1/2-3" Cal.	B+B		Clear trunk to 5'
CC	15	Cercus canadensis	Eastern Redbud	6-8" High	B+B		
CF	17	Cornus florida	Flowering Dogwood	6-8" High	B+B		
PS	33	Pinus strobus	Eastern White Pine	6-8" High	B+B	15" O.C.	
AB	40	Abelia grandiflora	Glossy abelia	18-24" h.	Cont.	5" O.C.	
AZ	61	Azalea Delaware Valley White	Delaware Valley White Azalea	12-15" h.	Cont.	3" O.C.	
IL	76	Ilex cornuta Rotunda	Dwarf Chinese Holly	12-15" h.	Cont.	3" O.C.	
Vn	1350	Vinca minor	Periwinkle	3" Pts		8" O.C.	
Pn	5	Pinus nigra	Austrian Pine	6-8" High	B+B		

1"=30' scale feet

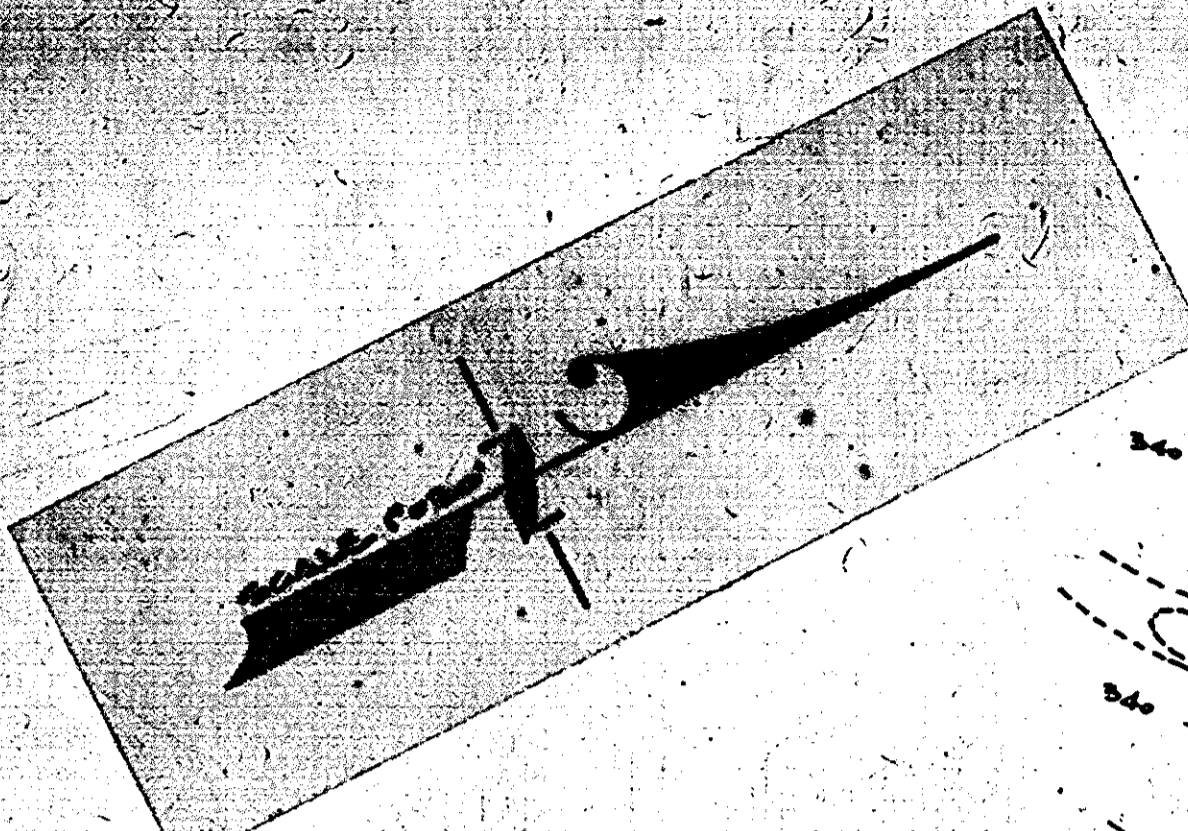
NOTES:

- This sheet is to be used for planting purposes only.
- All plant materials are to be tagged with a label bearing the botanical name and common name. All tags are to remain on plants until release of final use and occupancy permit for the building.
- See written specifications for planting details, seeding and sod, and additional requirements.
- Provide shredded hardwood mulch as indicated around shrubs.
- All edging to be cut sod unless otherwise shown.

LANDSCAPE PLAN
RIVERS PARK FIRE STATION
FOR THE DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
CAPITAL PROJECT F 5509

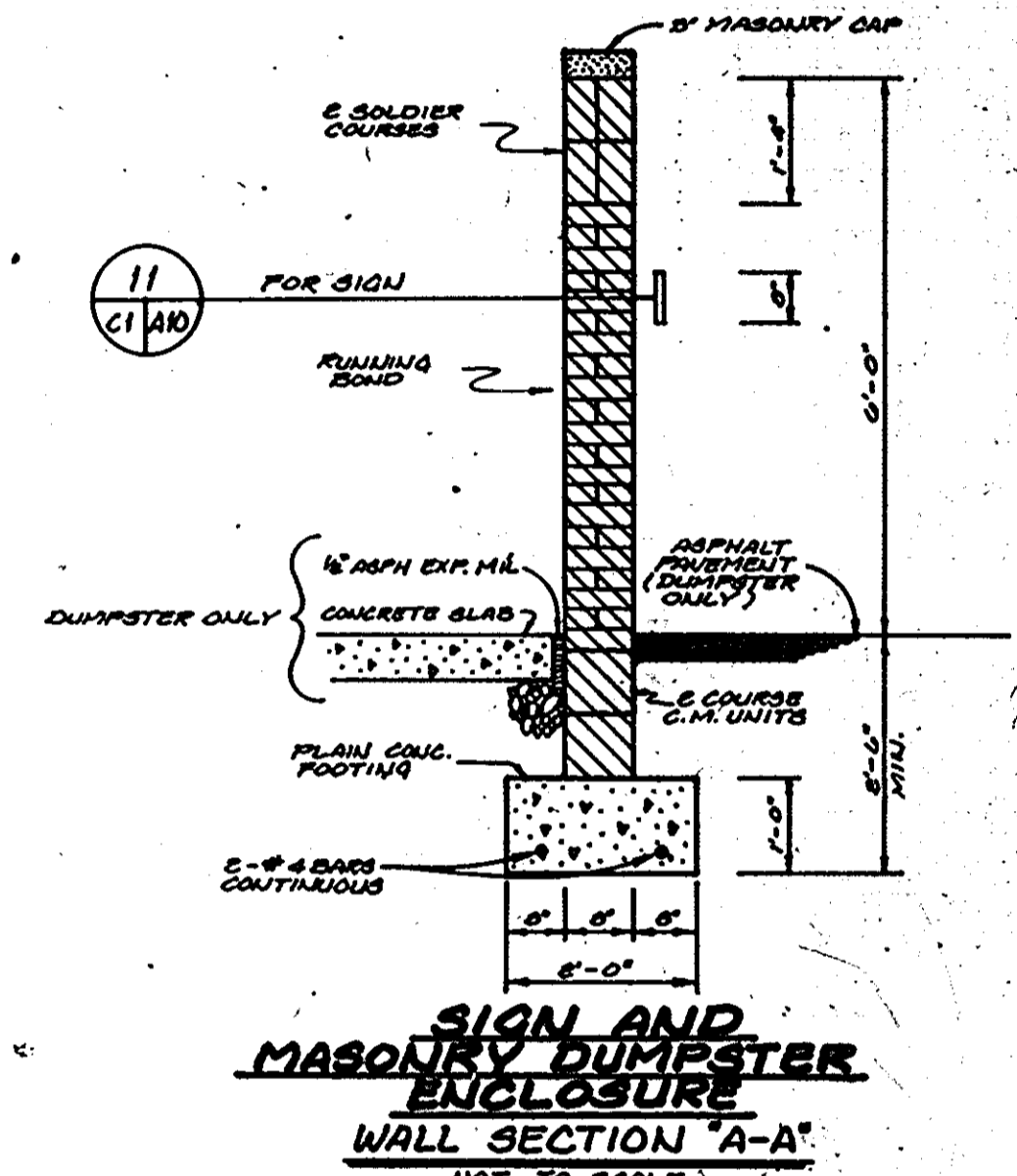
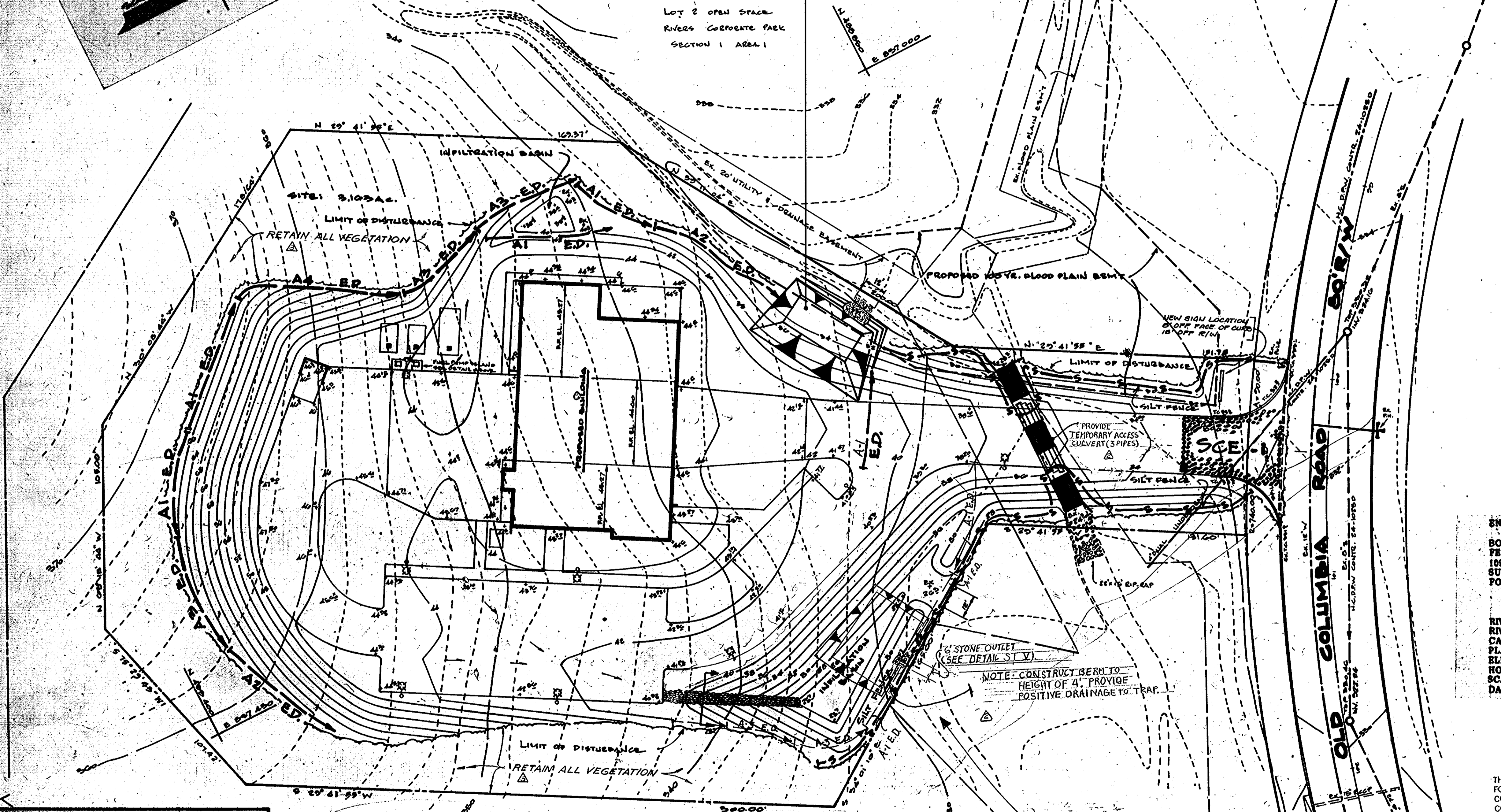
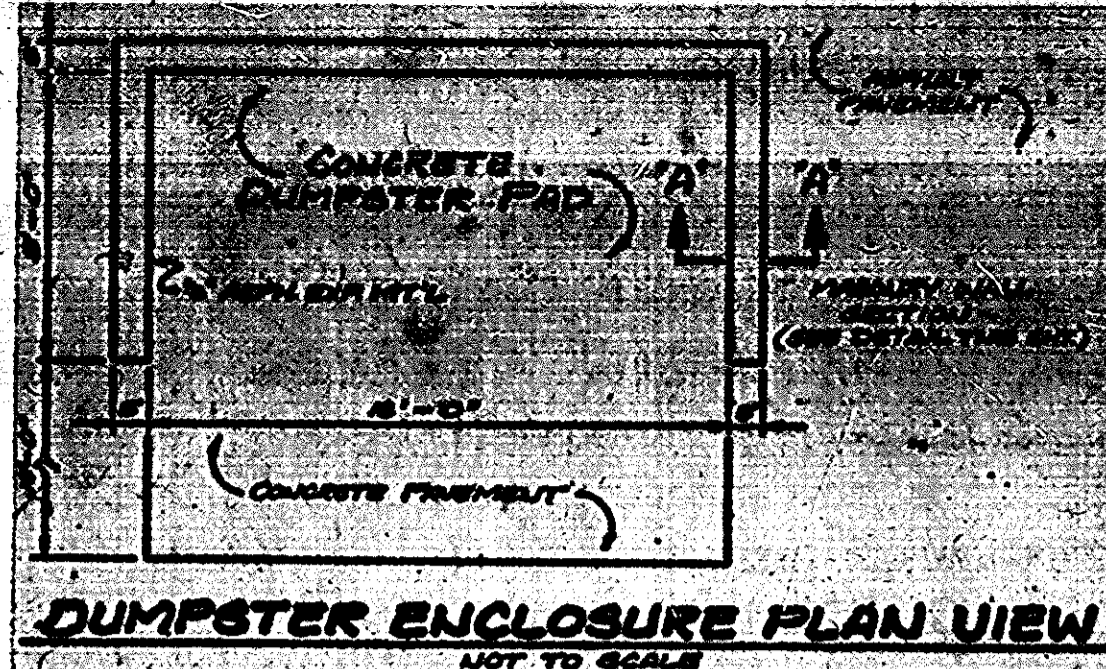


ISIRSI
architects, engineers, landscape architects, planners, surveyors, construction managers
Sheet No. C4 of 8
Project No. SDP-86-165c



STONE OUTLET SEDIMENT TRAP (1)

MAX. D.A.	= 0.90 AC
VOL. REQ'D	= 1620 CF
VOL. PROVIDED	= 2900 CF
DIMENSIONS (MIN) (BOTTOM)	= 48' x 20' x 4'
OUTLET L.	= 12"
OUTLET EL.	= 321'
CLEANOUT EL.	= 329'
BOTTOM EL.	= 327'



ENGINEER
 BOLING W. HAKALL, JR.
 FEDCO SYSTEMS, INC.
 10903 INDIAN HEAD HIGHWAY
 SUITE 290
 FORT WASHINGTON, MARYLAND 20744

OWNER
 DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 8000 CANTON MILLS DRIVE
 BELLGATE CITY, MD. 21040

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
 RIVERS PARK FIRE STATION NO. 10
 CAPITAL PROJECT #3909
 PLAT NO. 5079
 ELECTION DISTRICT NO. 6
 HOWARD COUNTY, MARYLAND
 SCALE 1"=30'
 DATE: DECEMBER 20, 1985

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signatures]
 DATE: 4/16/86

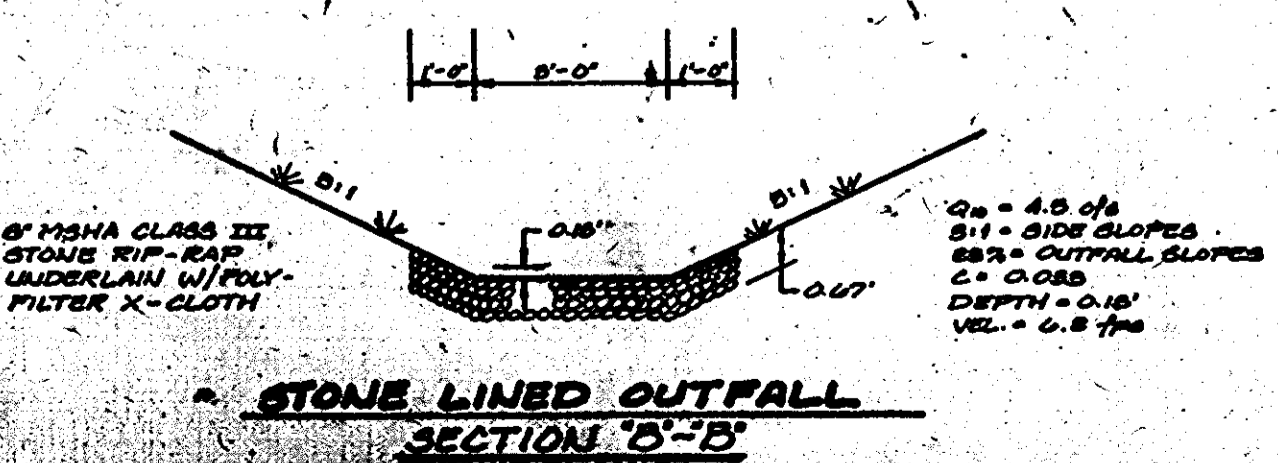
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signatures]
 DATE: 3-7-86

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signatures]
 DATE: 4-18-86

[Signatures]
 DATE: 4-18-86



NOTE: EXCESS SOIL TO BE TAKEN TO A SITE WITH AN APPROVED SEDIMENT CONTROL PLAN.
 NOTE: SEED SHALL NOT BE USED FOR STABILIZATION PURPOSES BETWEEN NOV. 1 AND MARCH 15. ANCHORED MULCH ONLY SHALL BE USED.

FLOOD PLAN

STONE LINED OUTFALL (SEE DETAIL ST V)

NOTE: CONSTRUCT BERM TO HEIGHT OF 4". PROVIDE POSITIVE DRAINAGE TO TRAP.

MAX. D.A.	= 0.93 AC
VOL. REQ'D	= 1674 CF
VOL. PROVIDED	= 1674 CF
DIMENSIONS (MIN) (BOTTOM)	= 45' x 30' x 3'
OUTLET L.	= 6"
OUTLET EL.	= 328.0'
CLEANOUT EL.	= 327.3'
BOTTOM EL.	= 326.7'



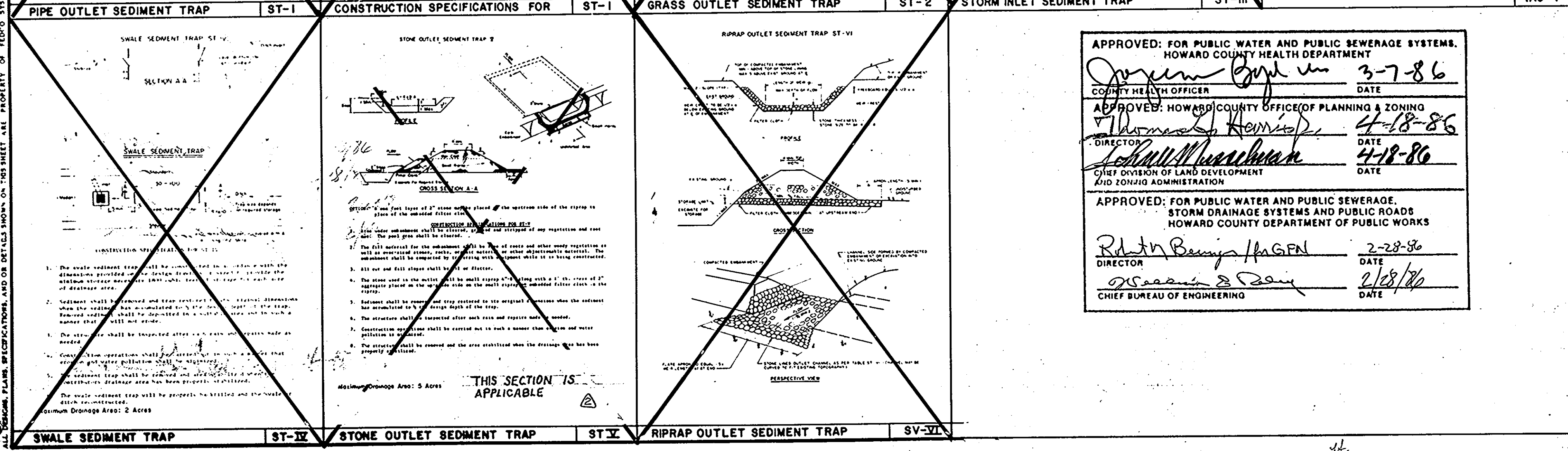
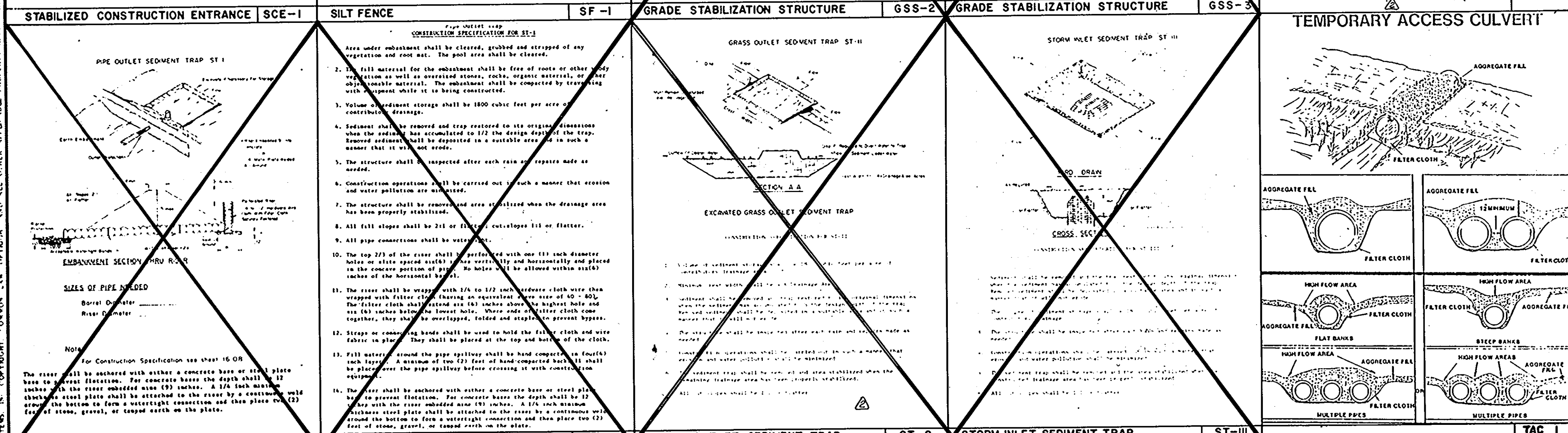
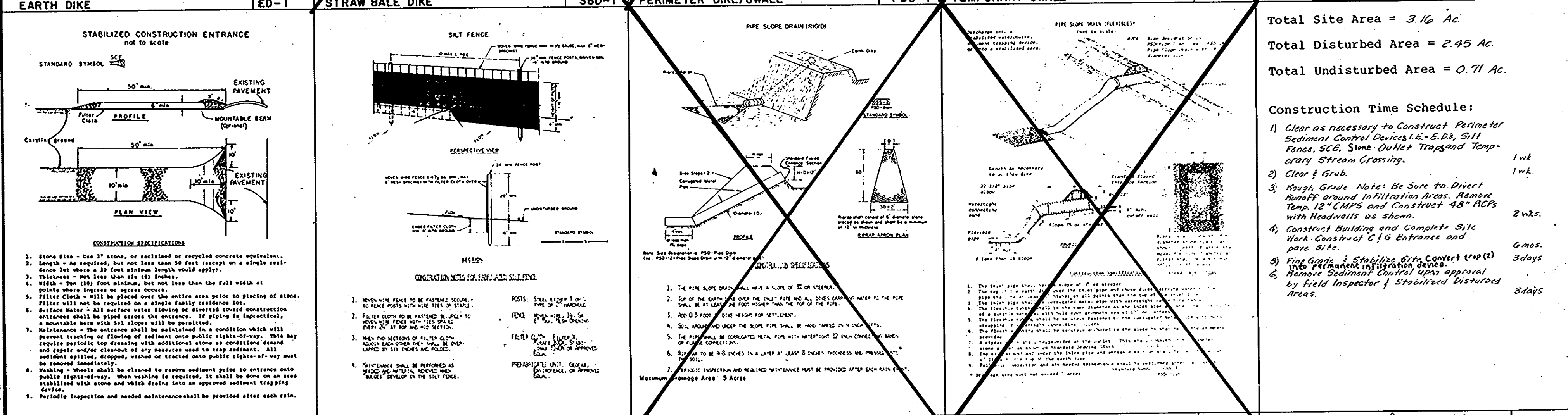
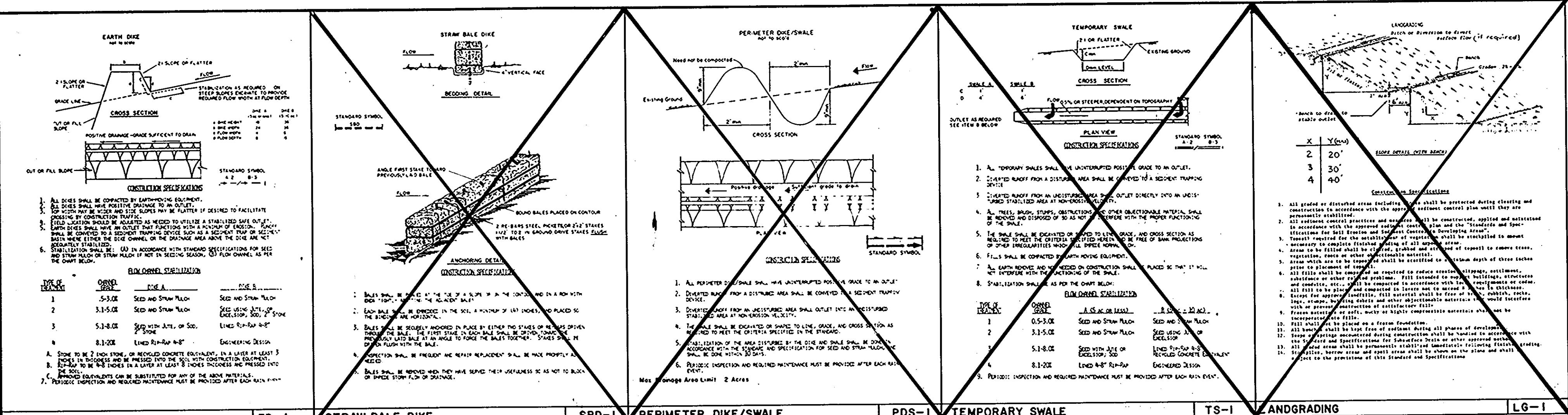
SEDIMENT CONTROL PLAN
 RIVERS PARK FIRE STATION
 FOR THE DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 CAPITAL PROJECT 3909



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 4-16-86

SDP-86-165c

CHARLES COUNTY
FORT WASHINGTON OFFICE



SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permitting prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 HORTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within 7 calendar days for all permanent sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, 14 days for all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 HORTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) and temporary seedings (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 provision for their removal has been obtained from the Howard County Sediment Control Inspector.
- Site Analysis:

Total Area of Site	316.8 Acres
Area Disturbed	2.45 Acres
Area to be seeded or paved	2.45 Acres
Area to be vegetatively stabilized	0.71 Acres
Total Cut	0.71 Acres
Total Fill	0.71 Acres
Off-site water/borrow area location	
- 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 DPM 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 not be authorized until this initial approval by the inspection agency is made.
- Temporary stabilization (to conform to pages 50.01 - 50.05 of the "Standards and Specifications"):

Fertilizer	600 lb/acre, or 15 lb/1000 sq. ft., 10-10-10 or equivalent. Lime if needed for high end soils.
Seed Rate	Dike, rate or otherwise to meet soil.
Lime	44 lb/1000 SF Dolomitic Lime Stone.
Seeding	Seed uniformly with cyclone seeder, drill, cultipacker or hydroseeder.
Seed Mixture	05w/1000 sq. ft.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a.) seven calendar days as to the surface of all perimeter control, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1) and b.) fourteen days as to all other disturbed or graded areas on the project site. The in-place sediment control measures will be maintained on a continuing basis until the site is permanently stabilized and all permit requirements are met.
- 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 not be authorized until this initial approval by the inspection agency is made and:
- Approval shall be requested upon final stabilization of all sites with disturbed areas in excess of 2 acres before removal of controls.

SEED MIXTURE

Seed Mixture	Seeding Rate	Rate	Stock	Summit	Fill
No. 1	100	1.00	X	X	X
No. 2	100	1.00	X	X	X
No. 3	100	1.15	X	X	X
No. 4	100	1.15	X	X	X
No. 5	100	1.15	X	X	X
No. 6	100	1.15	X	X	X
No. 7	100	1.15	X	X	X
No. 8	100	1.15	X	X	X
No. 9	100	1.15	X	X	X
No. 10	100	1.15	X	X	X
No. 11	100	1.15	X	X	X
No. 12	100	1.15	X	X	X
No. 13	100	1.15	X	X	X
No. 14	100	1.15	X	X	X
No. 15	100	1.15	X	X	X

ENGINEER'S CERTIFICATE

I hereby certify that this plan of development and the plan for control of silt and erosion control meet the requirements, standards and specifications of the Soil Conservation District. I hereby certify that all proposed grading and other work meet the requirements of the County Grading and Sediment Ordinance.

Date: 12/19/85
Engineer: *[Signature]*
Phone: (301) 292-2300

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE: 4-16-86

OWNER:
DEPARTMENT OF PUBLIC WORKS OF HOWARD COUNTY, MARYLAND
300 COLLETT HOUSE, 2008
ELLICOTT CITY, MD. 21043

REVIEWED FOR THE HOWARD S. C. D. and meets technical requirements
by *[Signature]* Date 3/7/86
U. S. SOIL CONSERVATION SERVICE

This plan approved for sediment and erosion control
by *[Signature]* Date 3/7/86
Howard Soil Cons. Dist.

Control No. _____
Expiration Date: _____
Request for extension must be submitted in writing.

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 4-16-86

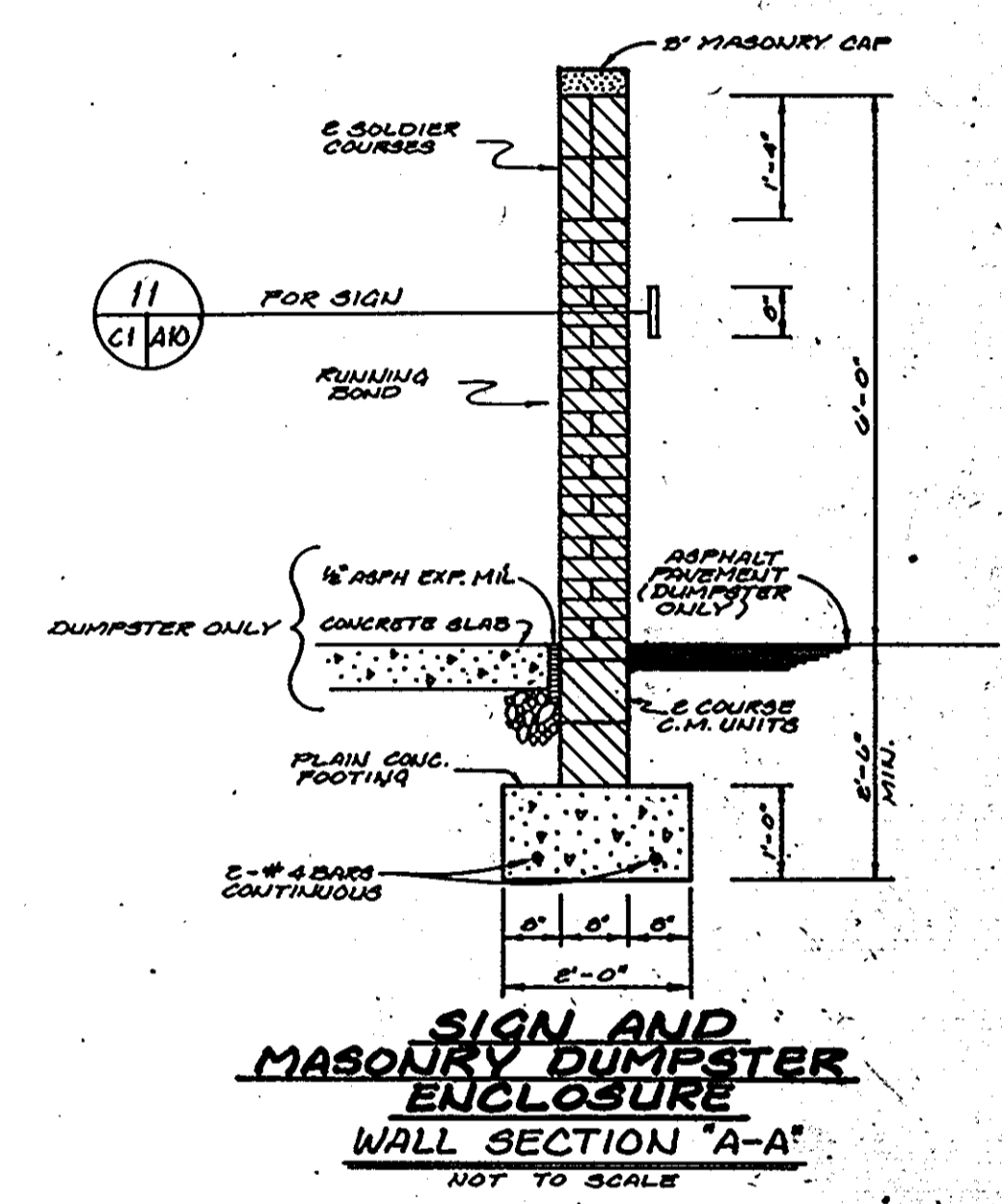
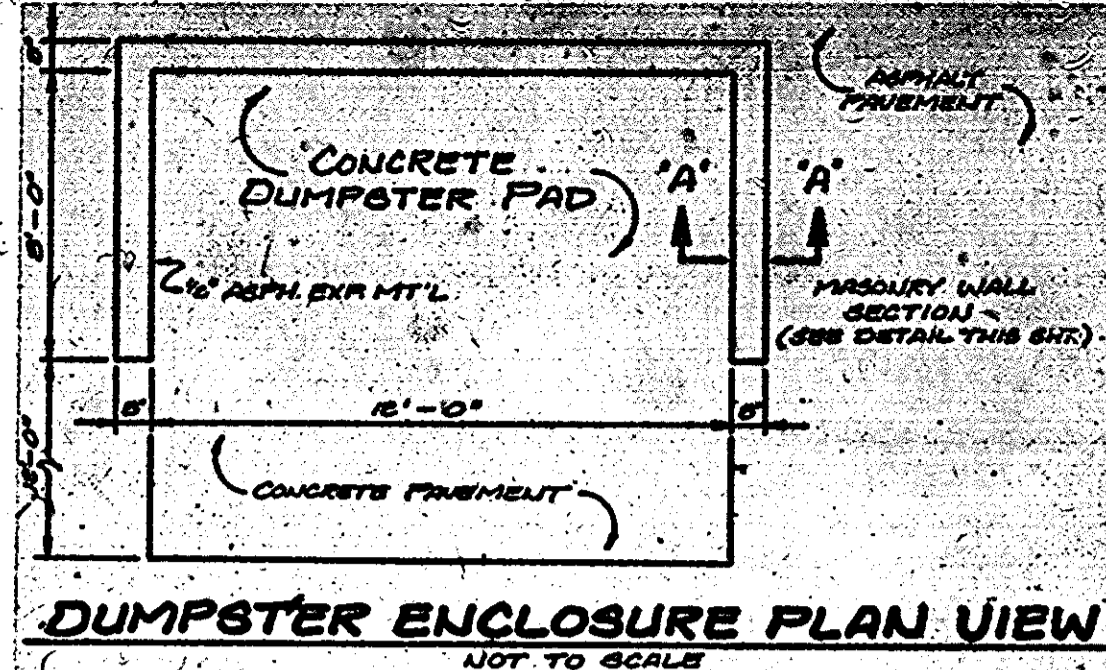
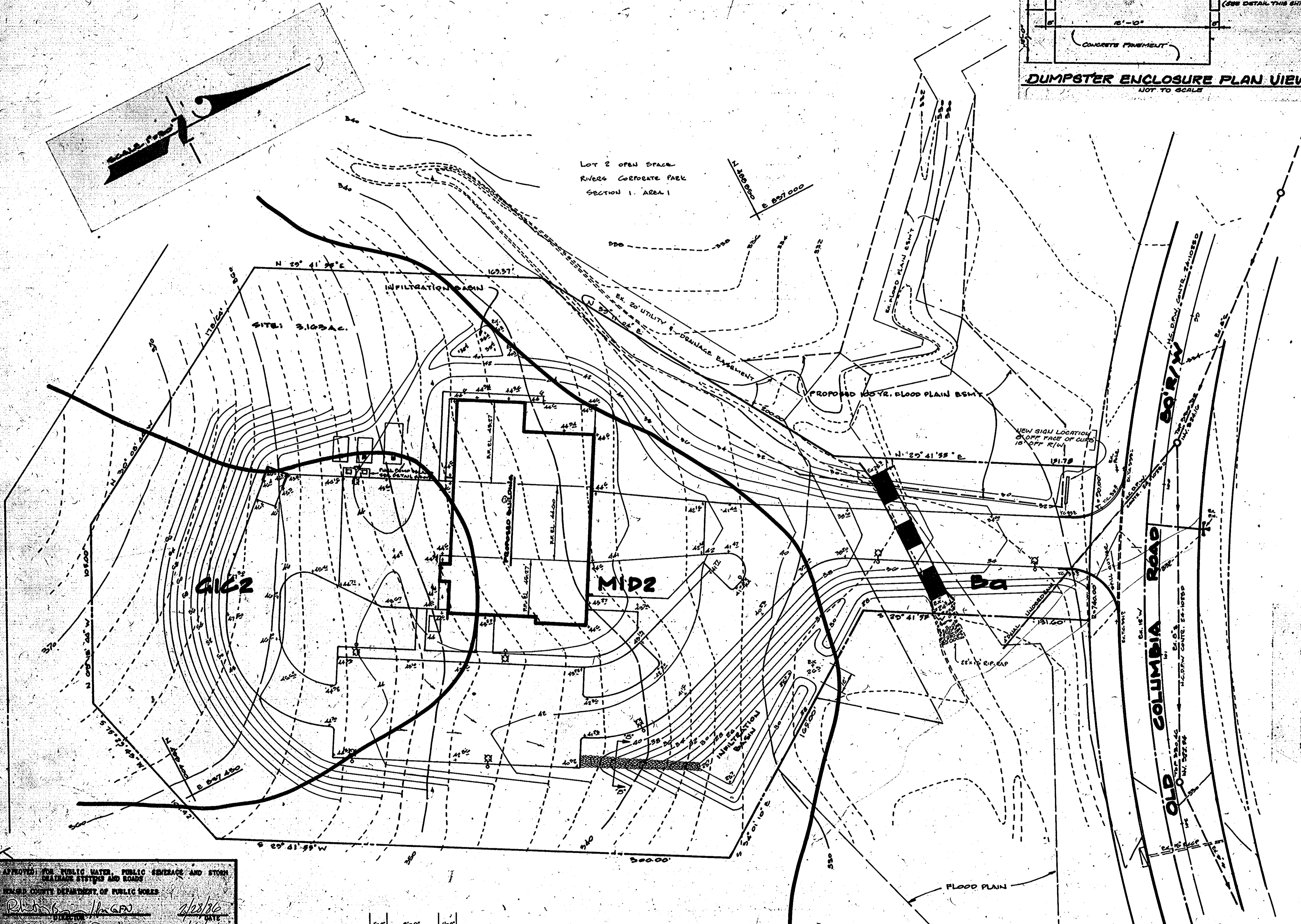
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Prospect Square, Suite 200
10903 Indian Head Highway
Fort Washington, MD. 20744
(301) 292-0200
(301) 932-1900

architects, engineers, landscape architects, planners, surveyors, construction managers

Project No. 85-0-0-034
Sheet No. C6 OF 8

SDP-86-165c



ENGINEER
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 FEDCO SYSTEMS, INC.
 10903 INDIAN HEAD HIGHWAY
 SUITE 200
 FORT WASHINGTON, MARYLAND 20744

OWNER
 DEPARTMENT OF PUBLIC WORKS OF
 HOWARD COUNTY, MARYLAND
 9900 CALVERT ROAD, DEPT. 5
 SUITE 200, MDI 6100

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
 RIVERS PARK FIRE STATION NO. 10
 CAPITAL PROJECT F5509
 PLAT NO. 5079
 ELECTION DISTRICT NO. 6
 HOWARD COUNTY, MARYLAND
 SCALE 1"=30'
 DATE: DECEMBER 20, 1985

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND BOARDS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 2/28/86
 DIRECTOR DATE

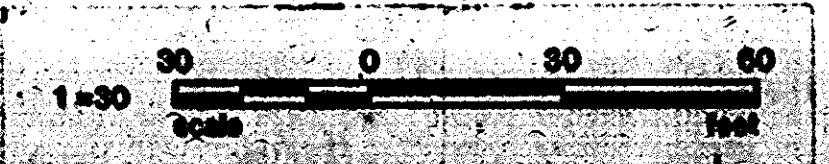
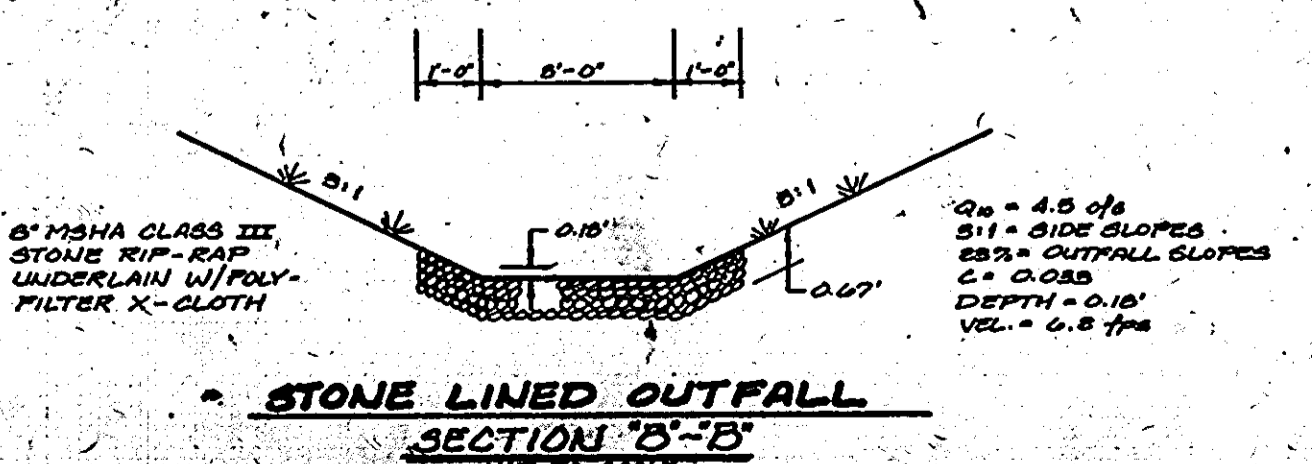
[Signature] 2/28/86
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND BOARDS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 3-7-86
 DIRECTOR DATE

[Signature] 4-18-86
 PLANNING AND ZONING DATE

[Signature] 4-18-86
 DATE



SOILS MAP

RIVERS PARK FIRE STATION
 FOR THE DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 CAPITAL PROJECT F5509

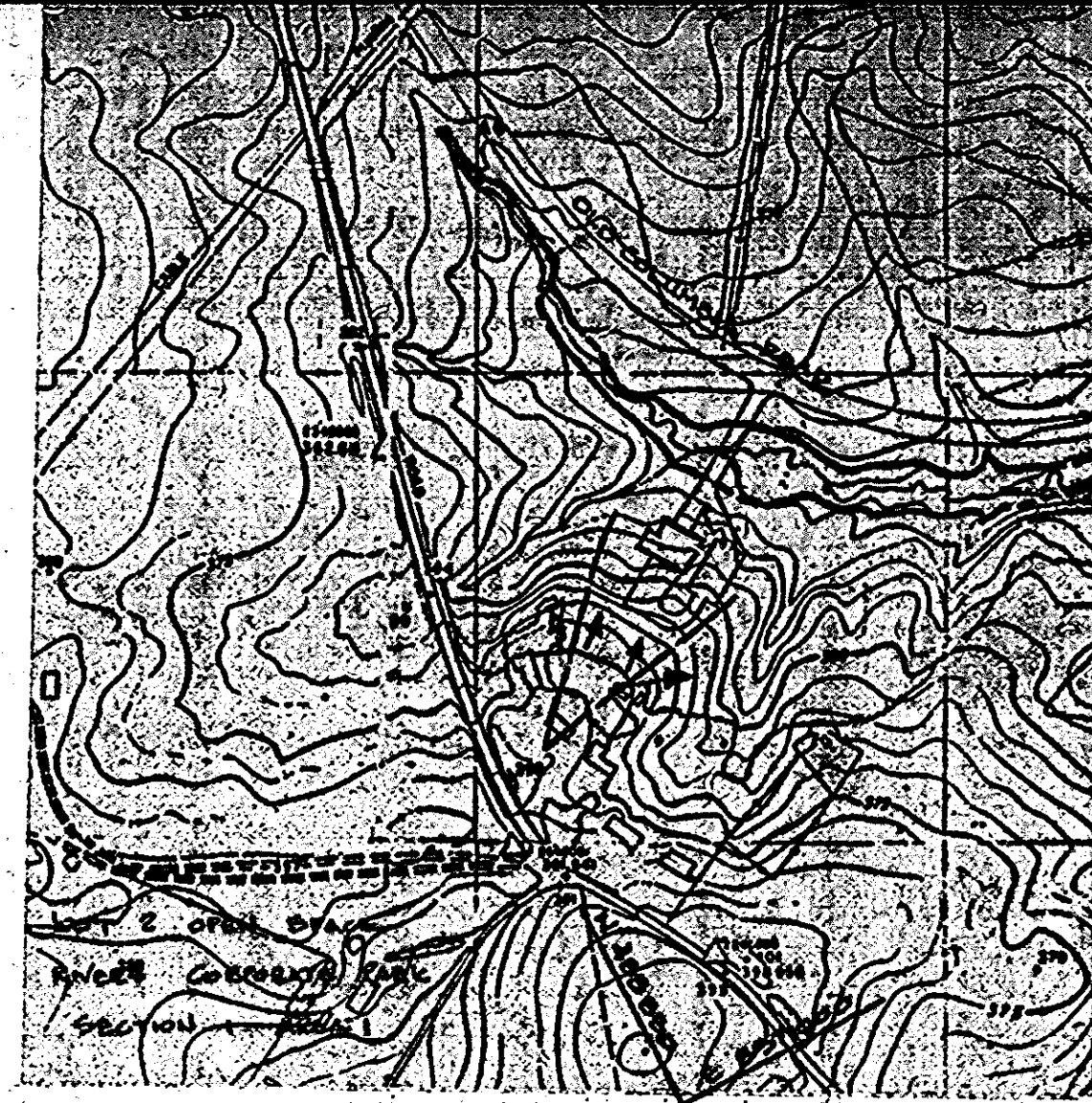
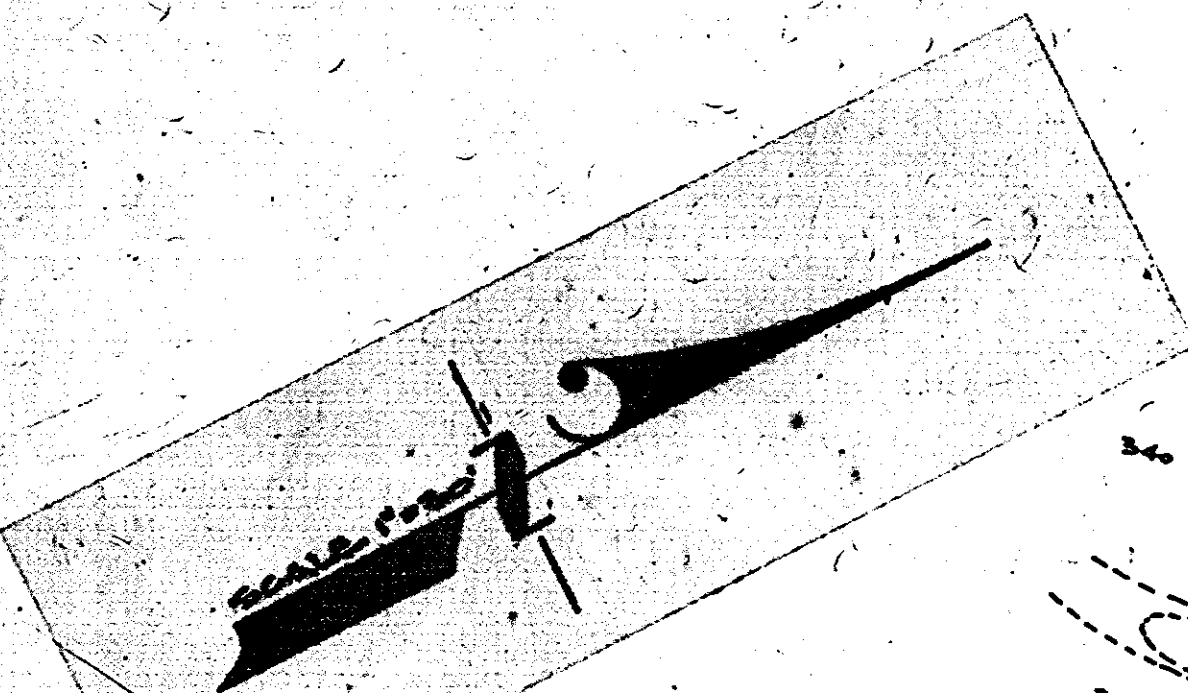


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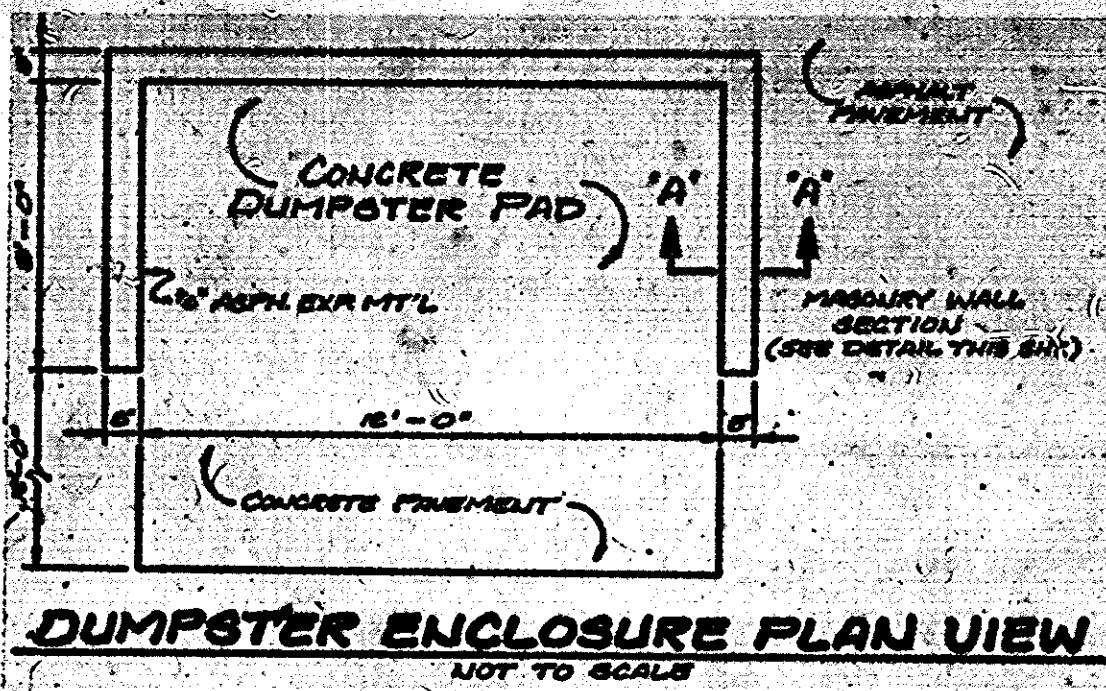
APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE: 4-16-86
[Signature]

Fedco Systems, Incorporated
 Prospect Square, Suite 200
 10903 Indian Head Highway
 Fort Washington, MD, 20744
 (301) 292-0200
 (301) 932-1900

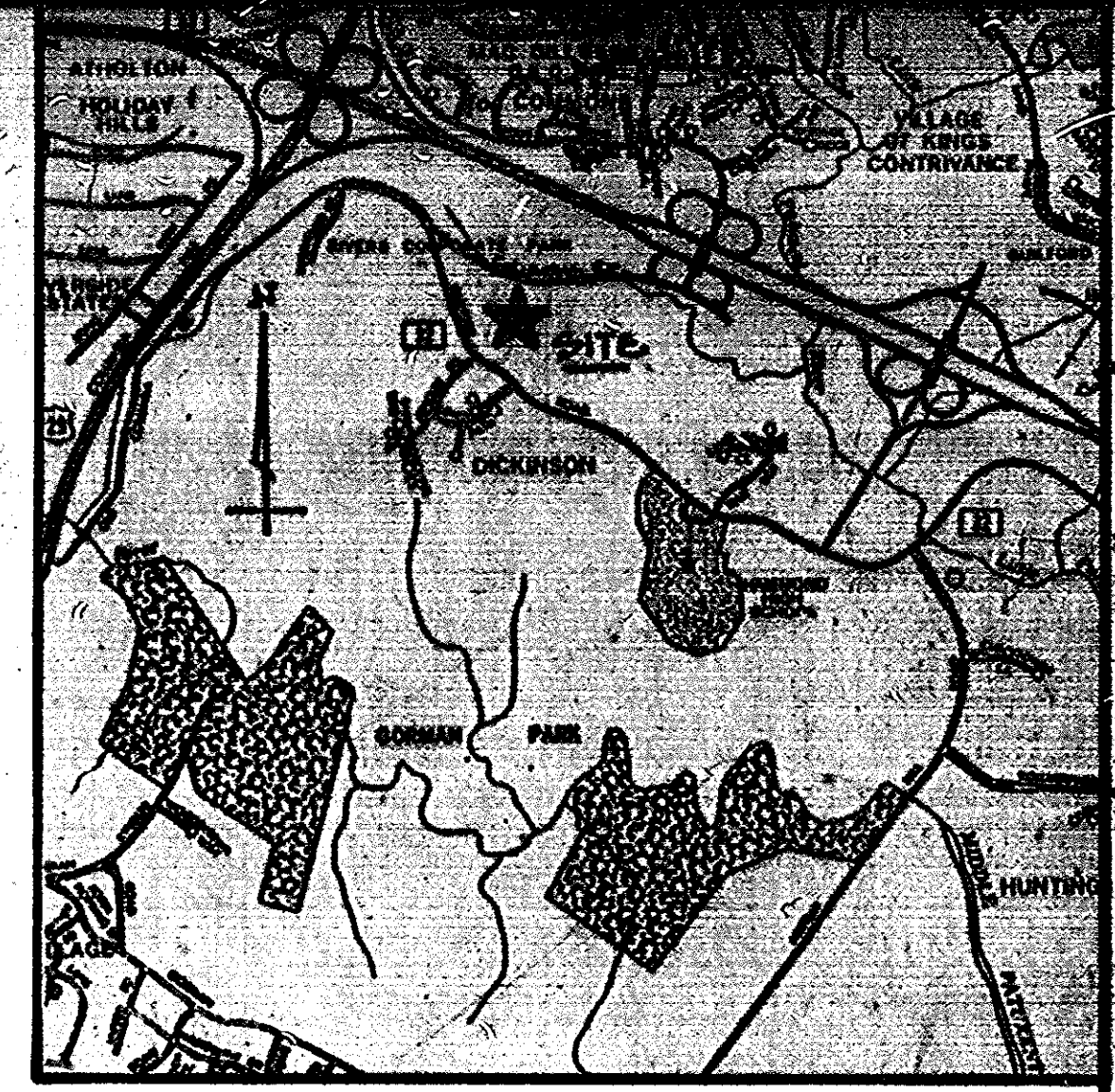
architects, engineers, landscape architects,
 planners, surveyors, construction managers



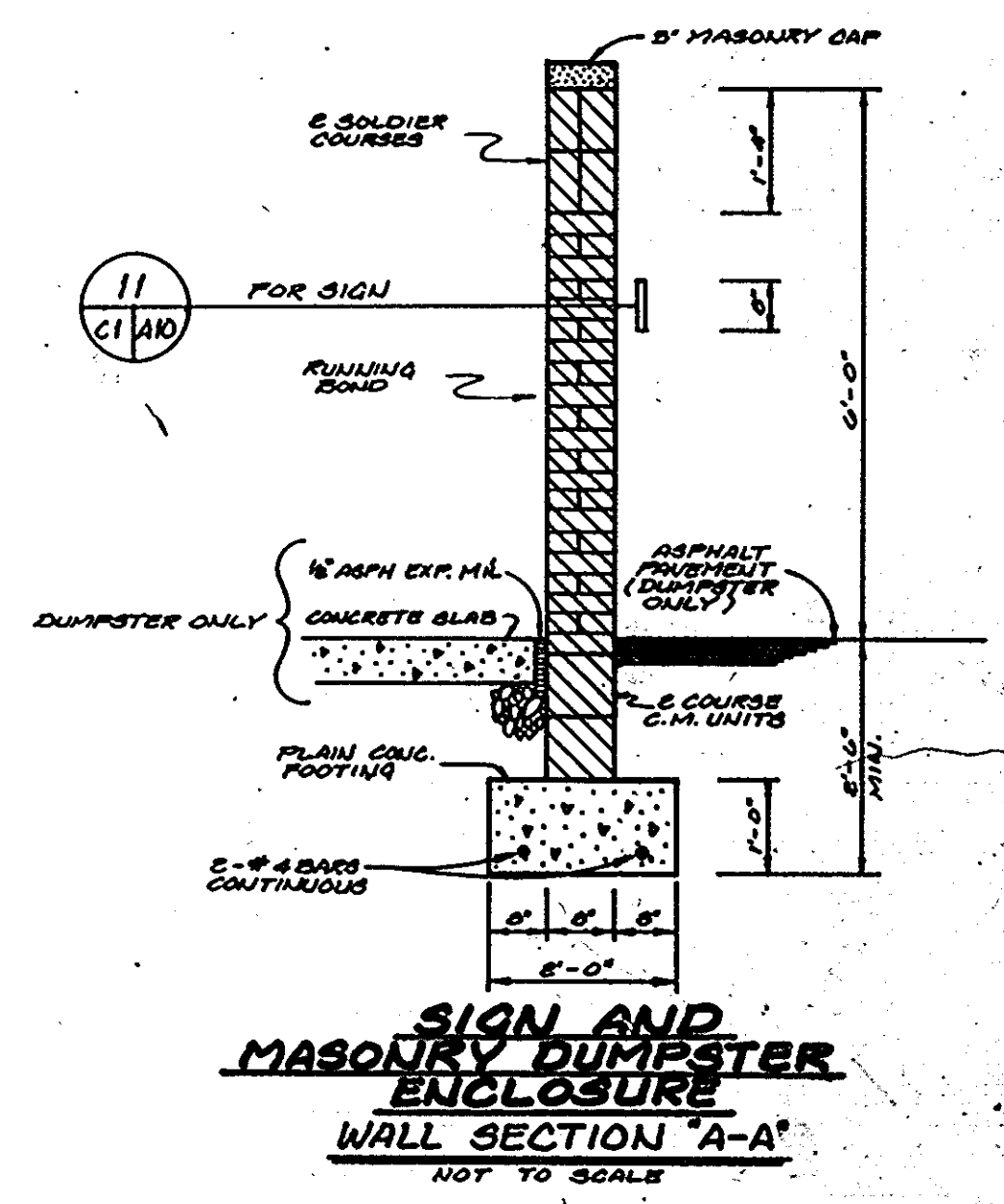
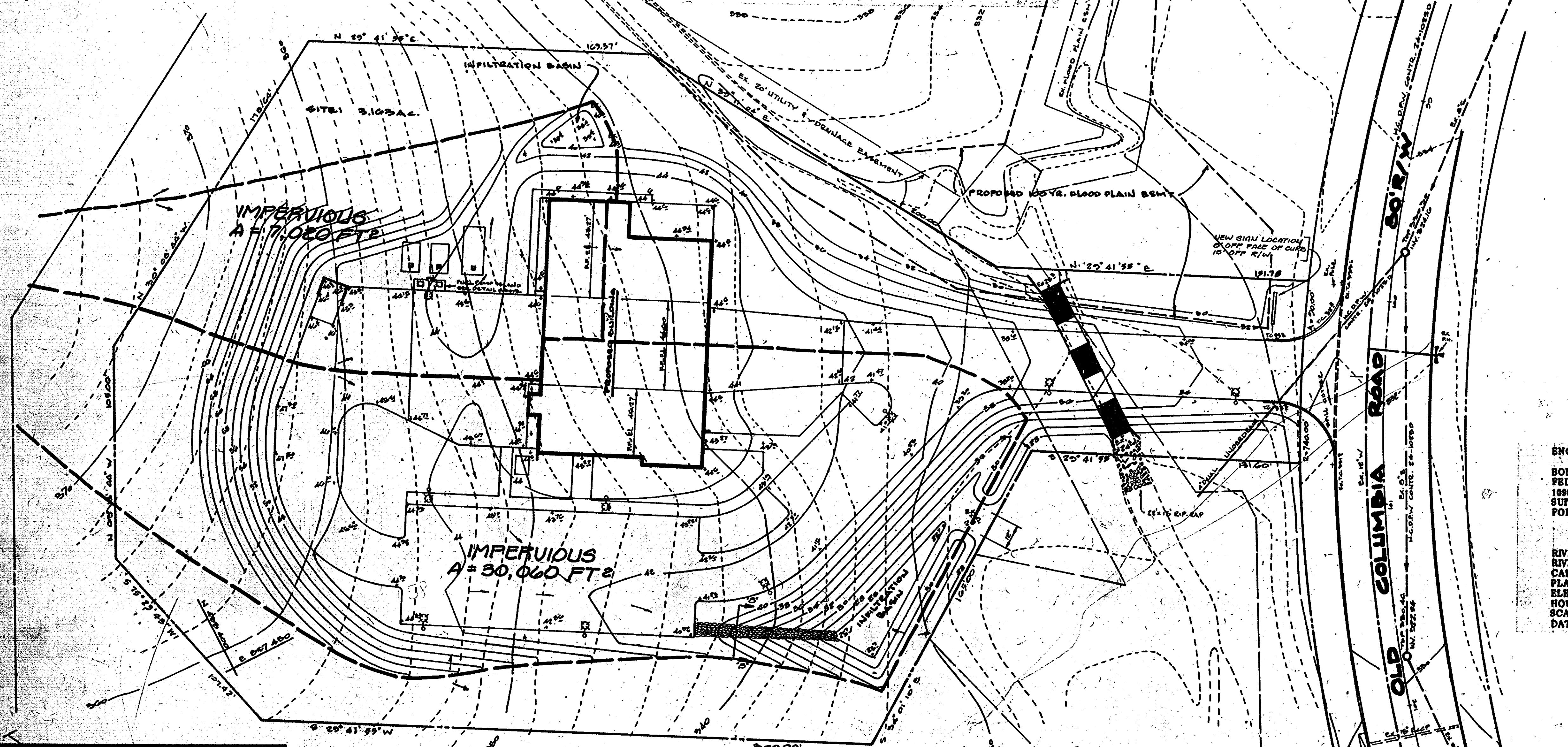
DRAINAGE AREA MAP 1"=400'



DUMPSTER ENCLOSURE PLAN VIEW NOT TO SCALE



LOCATION MAP 1"=2000'



SIGN AND MASONRY DUMPSTER ENCLOSURE WALL SECTION 'A-A' NOT TO SCALE

ENGINEER
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 FEDCO SYSTEMS, INC.
 10903 INDIAN HEAD HIGHWAY
 SUITE 200
 FORT WASHINGTON, MARYLAND 20744

OWNER
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 HOWARD COUNTY, MARYLAND
 8900 COLLETT HOUSE DRIVE
 SUICOTT CITY, MD 21084

RIVERS CORPORATE PARK SECTION 1, AREA 1, PHASE 1
 RIVERS PARK FIRE STATION NO. 10
 CAPITAL PROJECT F5509
 PLAT NO. 5078
 ELECTION DISTRICT NO. 8
 HOWARD COUNTY, MARYLAND
 DATE: DECEMBER 20, 1985

APPROVED FOR PUBLIC WATER, WASTE SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Robert W. Hakall, Jr. 12/21/85
 DATE

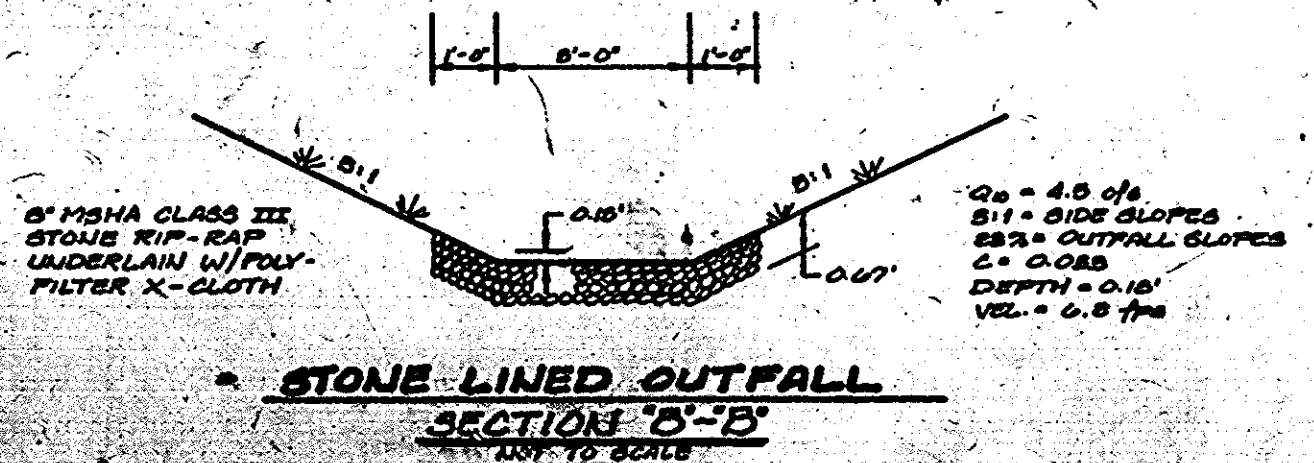
James R. Smith 12/21/85
 DATE

DESIGNED FOR PUBLIC WATER, WASTE AND STORM DRAINAGE SYSTEMS
 FEDERAL REGISTER

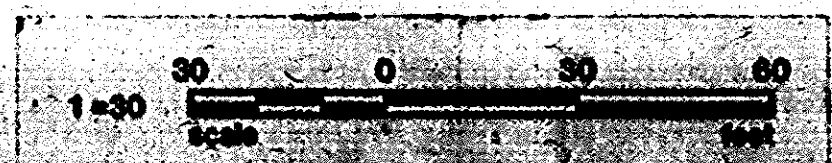
James R. Smith 3-7-86
 DATE

William W. Williams 4-18-86
 DATE

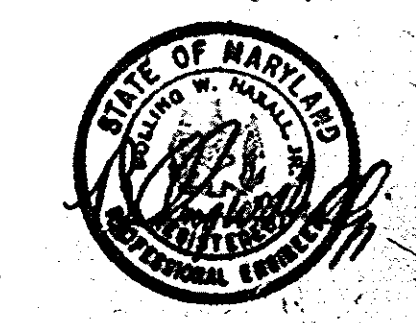
William W. Williams 4-18-86
 DATE



STONE LINED OUTFALL SECTION 'B-B' NOT TO SCALE



RIVERS PARK FIRE STATION CAPITAL PROJECT F 5509
 FOR THE DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND



ISFSI
 C8 OF 8

Fedco Systems, Incorporated
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architects, engineers, landscape architects,
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APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 4-16-86

SDP-86-165c