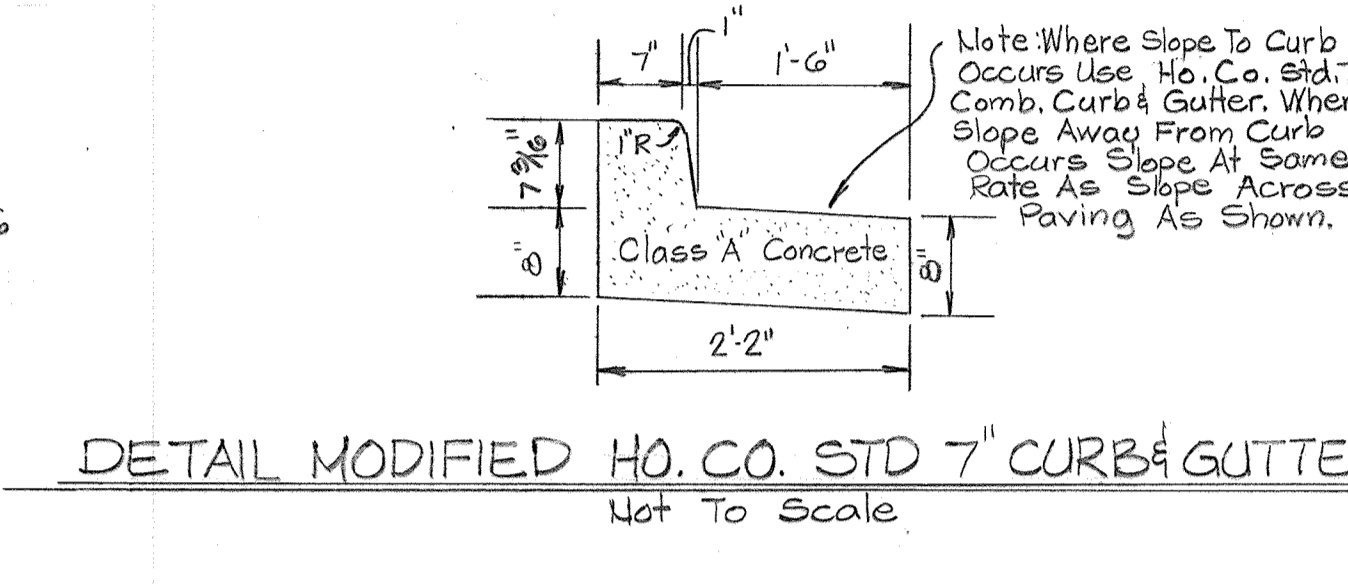
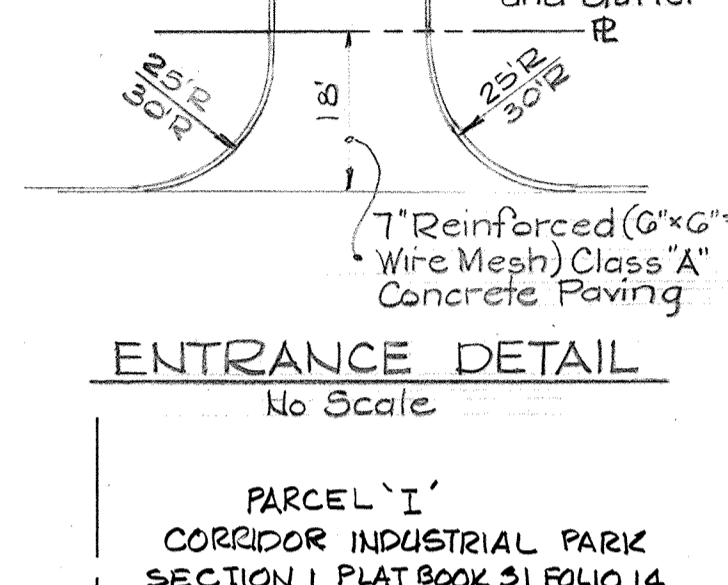
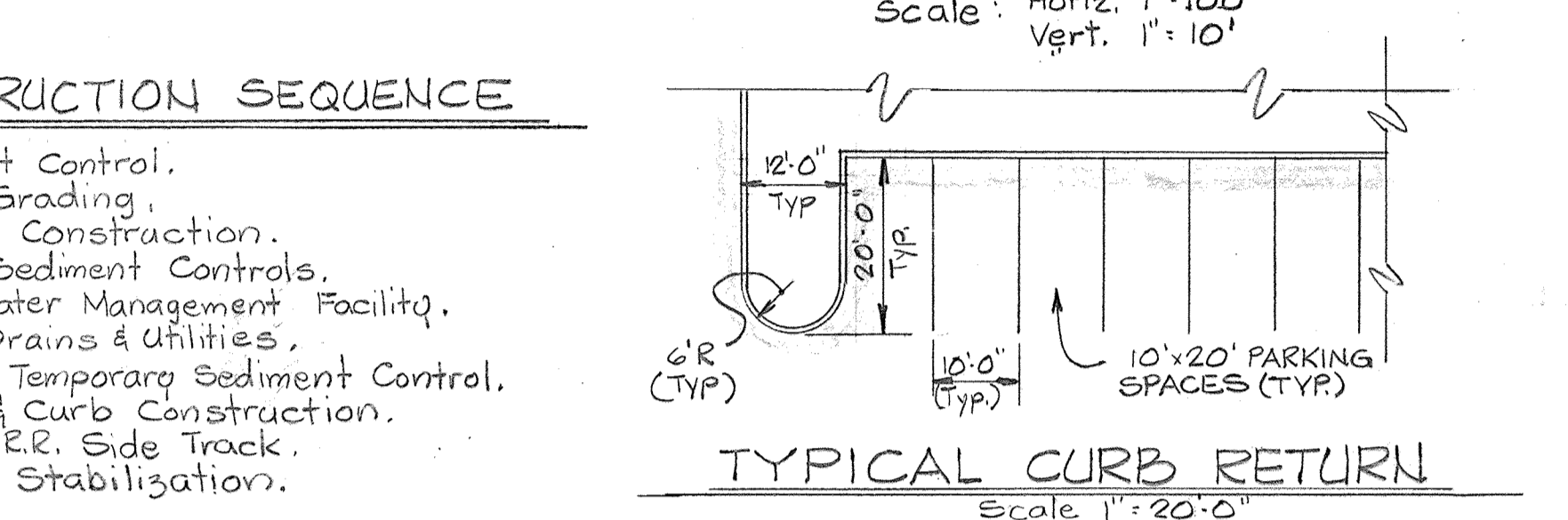


- ### GENERAL NOTES
- All utility and road construction shown on these plans shall be done in strict accordance with the latest edition of the Howard County Road Construction Code and Standard Specifications.
 - Bearings and distances are taken from a plat prepared by H. Richard Moale, Property Line Surveyor, of the Reuse, Columbia, Maryland 21044, to be recorded among the land records of Howard County.
 - The base topography shown hereon is taken from a grading plan prepared by Century Engineering, Inc., Towson, Maryland 21204, Drawing No. CE-1-0-74514, dated 2-22-74.
 - All elevations shown are based on U.S. & G.S. Mean Sea Level Datum 1929.
 - The Contractor shall notify Miss Utilities, phone 552-0100 for the location of Baltimore Gas and Electric and Chesapeake and Potomac underground service at least 5 days before starting work shown on these plans.
 - All curb and gutter shall be Modified 7-inch curb and gutter as detailed in this sheet.
 - Dimensions to building are to face of building walls unless otherwise noted.
 - For storm drain structures, schedule, storm water management and sedimentation/erosion control measures, see sheets 3, 4 and 5 of 6.
 - Water mains shall be constructed with a minimum of 4'-0" cover.
 - The Storm Water Management System is private and the full responsibility of the owner for maintenance and liability.
 - Utilities & Paving shown within the Right of Way Larkin Road are proposed to be constructed by Others and are intended to become public.

- ### VICINITY MAP
- SCALE: 1"=200'
- ### LEGEND
- 171 --- Existing Contours
 - 171 --- Proposed Contours
 - Curb --- Proposed Paving
 - Ⓜ Denotes No. of Parking Spaces
 - Ⓜ Handicapped Parking
 - Ⓜ No Parking
 - Ⓜ Lighting Standard (See Sheet 2 of 6 for Detail)

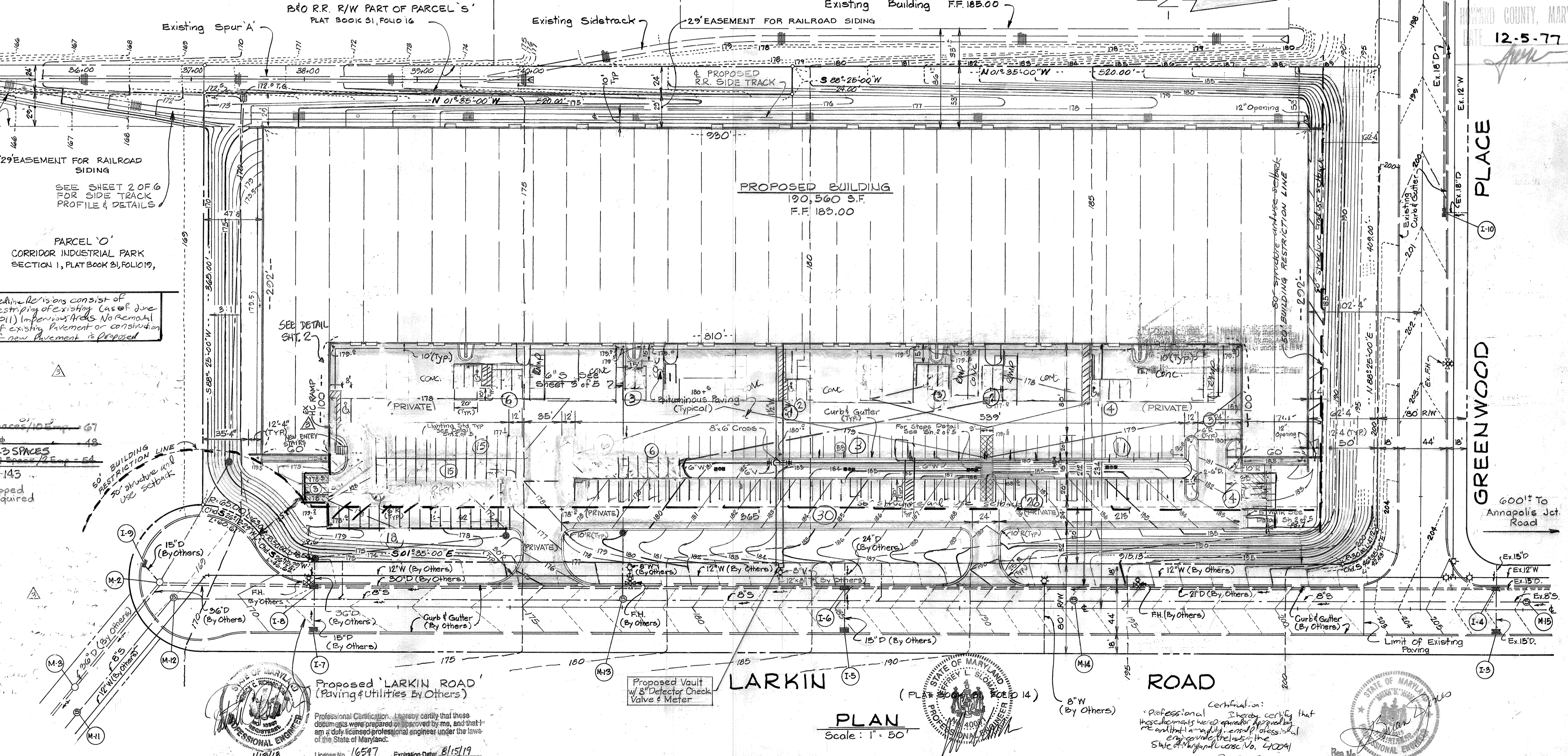


SITE ANALYSIS

Item	Area
A. TOTAL AREA OF SITE	441,394 SF
B. AREA TO BE GRADED	235,484 SF
C. AREA TO BE PAVED	133,875 SF ±
D. AREA OF ROOF	190,560 SF ±
E. AREA TO BE REVEGETATED (SEEDED 37,234 SF) (SOODED 73,725 SF)	101,609 SF ±
F. AREA TO BE UNDISTURBED	15,350 SF ±

SUMMARY INFORMATION

ZONING OF TRACT	M-2
AREA OF TRACT GROSS	10.133 Ac.
PROPOSED BUILDING AREA	190,560 S.F.
BUILDING AREA ALLOWED	50%
BUILDING AREA PROPOSED	43.17%
PROPOSED PAVED AREA	30.33%
PROPOSED OPEN SPACE	26.50%
* PARKING SPACES REQUIRED	163
PARKING SPACES PROVIDED	178
LOADING SPACES (RAIL)	15
LOADING SPACES (TRUCK)	27



* PARKING SPACE REQUIREMENT *

OFFICE SPACE	10% 19,056 ±	7 Spaces/100 sq ft
RETAIL SPACE	5% 9,528 ±	1 Space/100 sq ft
WAREHOUSE AND DISTRIBUTION	85% 161,976 ±	0.5 Spaces/1,000 sq ft = 43 Spaces
Total		143

** Parking Space Total includes 5 Required Handicapped Spaces. With a Minimum Dimension of 12'x20' And Required Signs Reserved For Physically Handicapped Persons.

Parking Spaces Provided: 113 (includes 17 secured spaces)

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James Boylston JUNIOR HEALTH OFFICER 12-19-77 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
PLANNING DIRECTOR 12-19-77 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR 12-16-77 DATE
 CHIEF, BUREAU OF HIGHWAYS 12-16-77 DATE

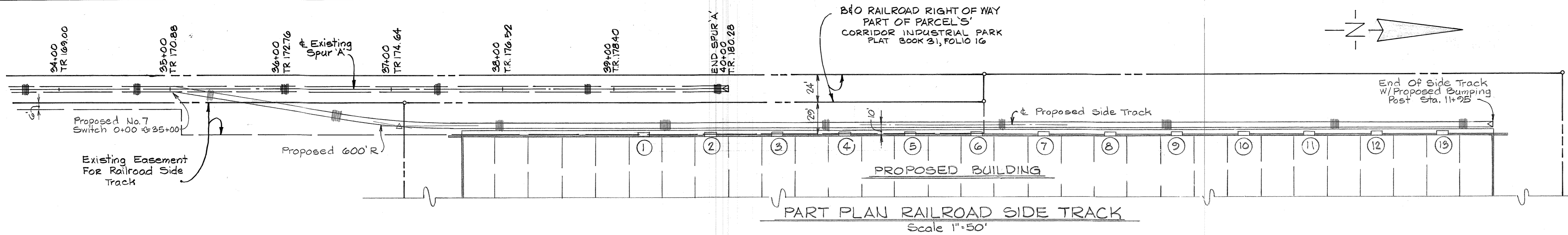
JAMES PETRICA & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 409 JEFFERSON BUILDING
 TOWSON, MARYLAND

OWNER: COLUMBIA INDUSTRIAL DEVELOPMENT CORP.
 DEVELOPER/CONTRACT PURCHASER
LEROY M. MERRITT
 1940 RUXTON ROAD
 TOWSON, MARYLAND, 21204

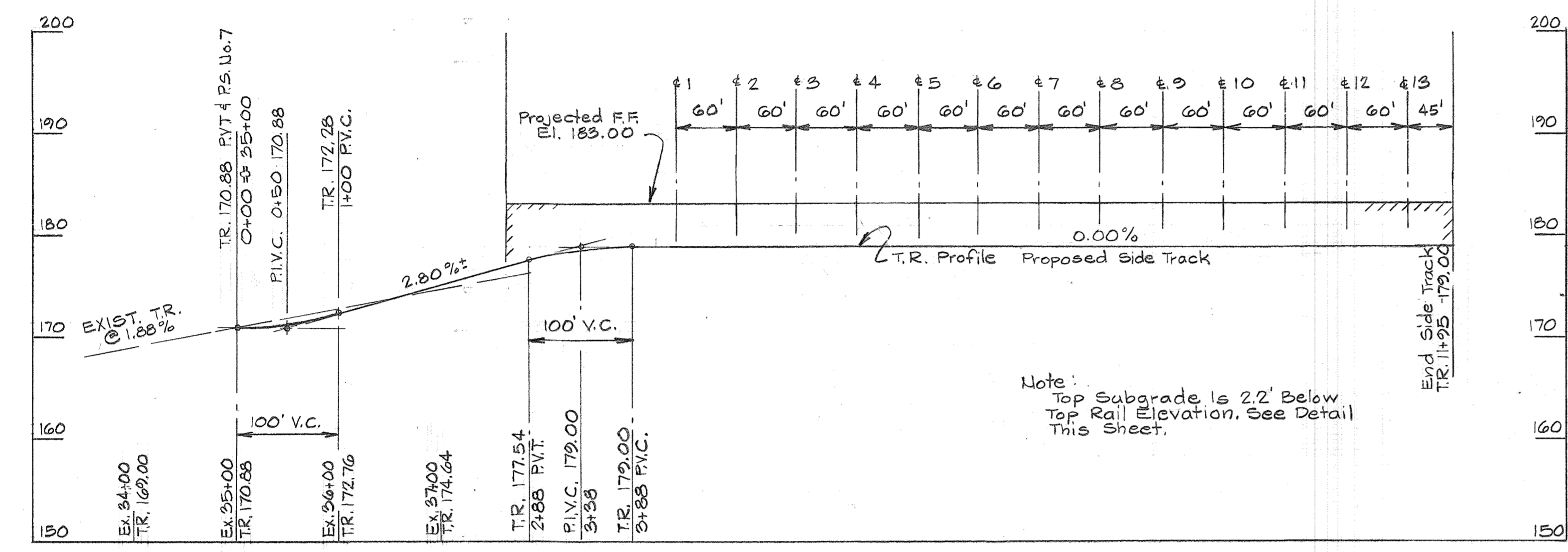
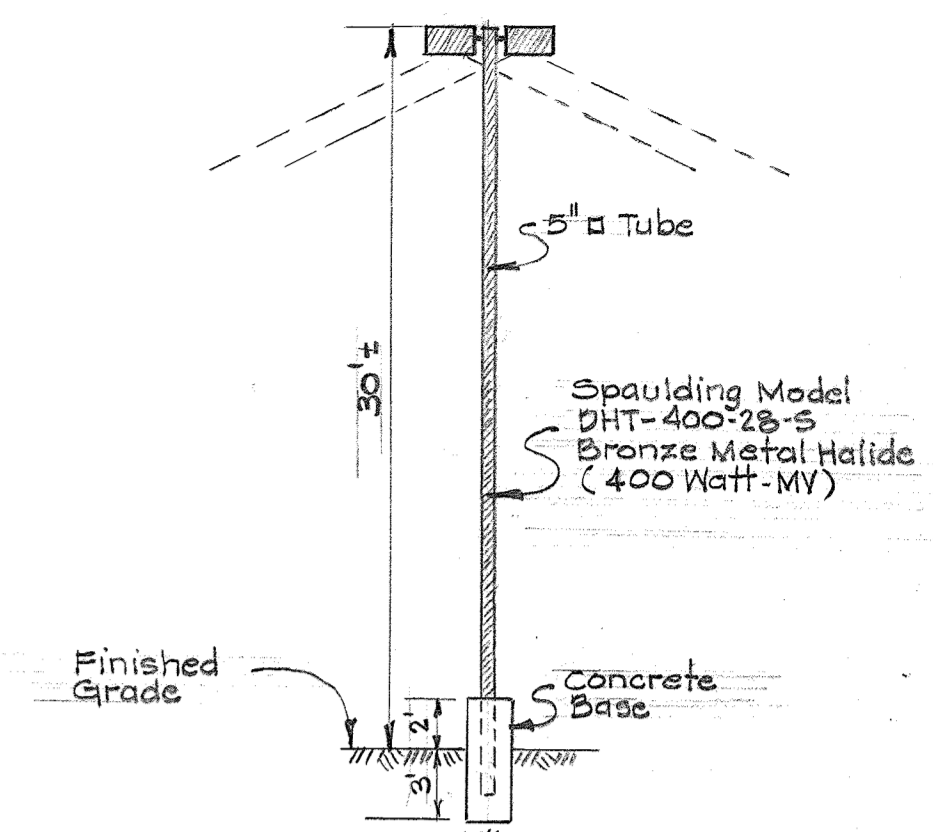
LARKIN ROAD WAREHOUSING
 CORRIDOR INDUSTRIAL PARK, SECTION I, PARCEL 'I'
 RECORDED AS PLAT NO. 3910 LAND RECORDS
 HOWARD COUNTY, MARYLAND 6TH ELEC. DIST.
 TAX MAP 47 DATE: 8-26-77

SITE PLAN
 SCALE AS SHOWN
 DRAWING NO. 1 OF 6

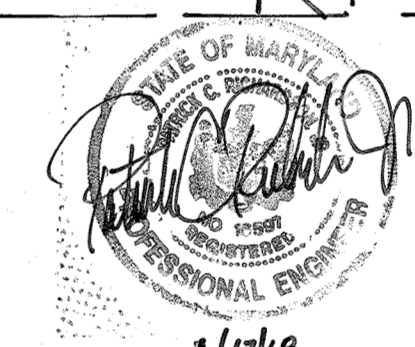
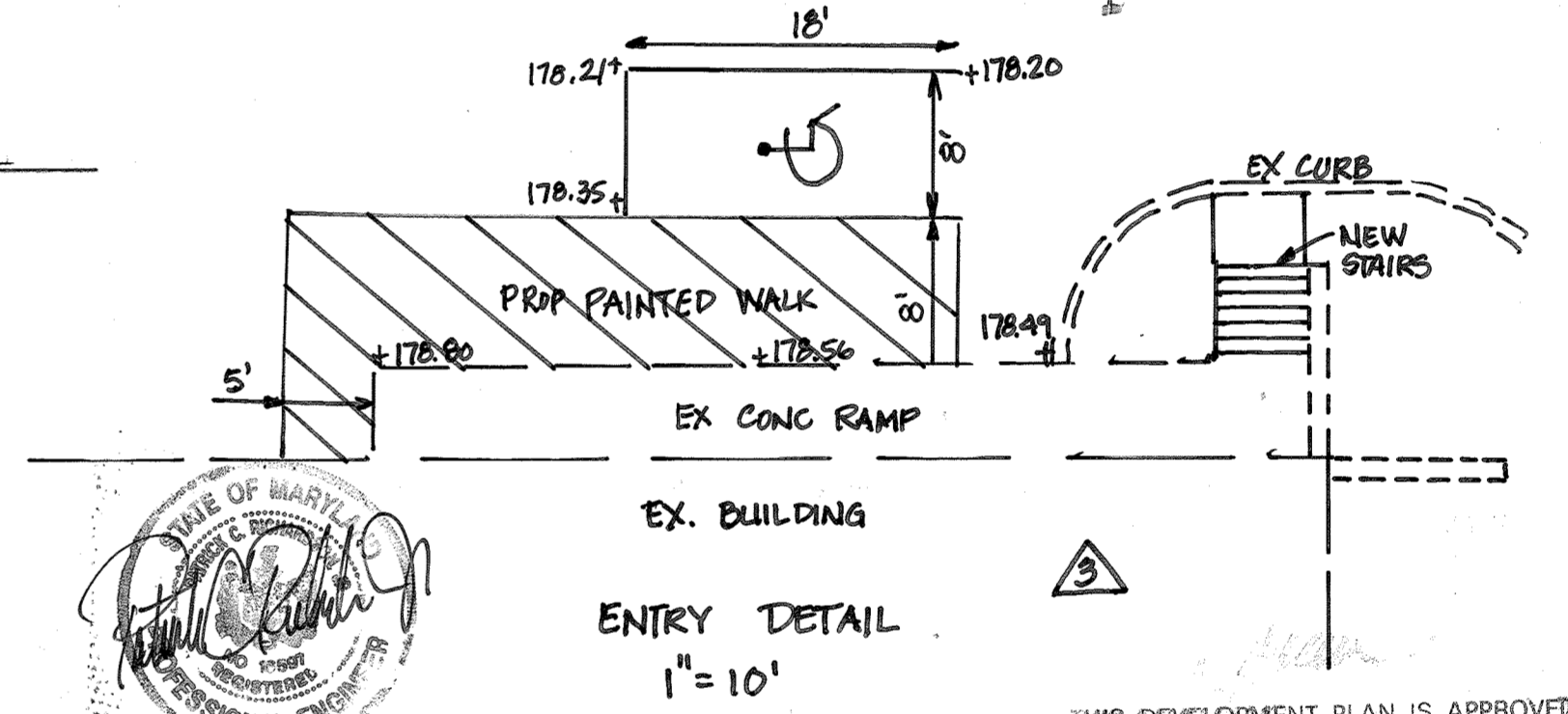
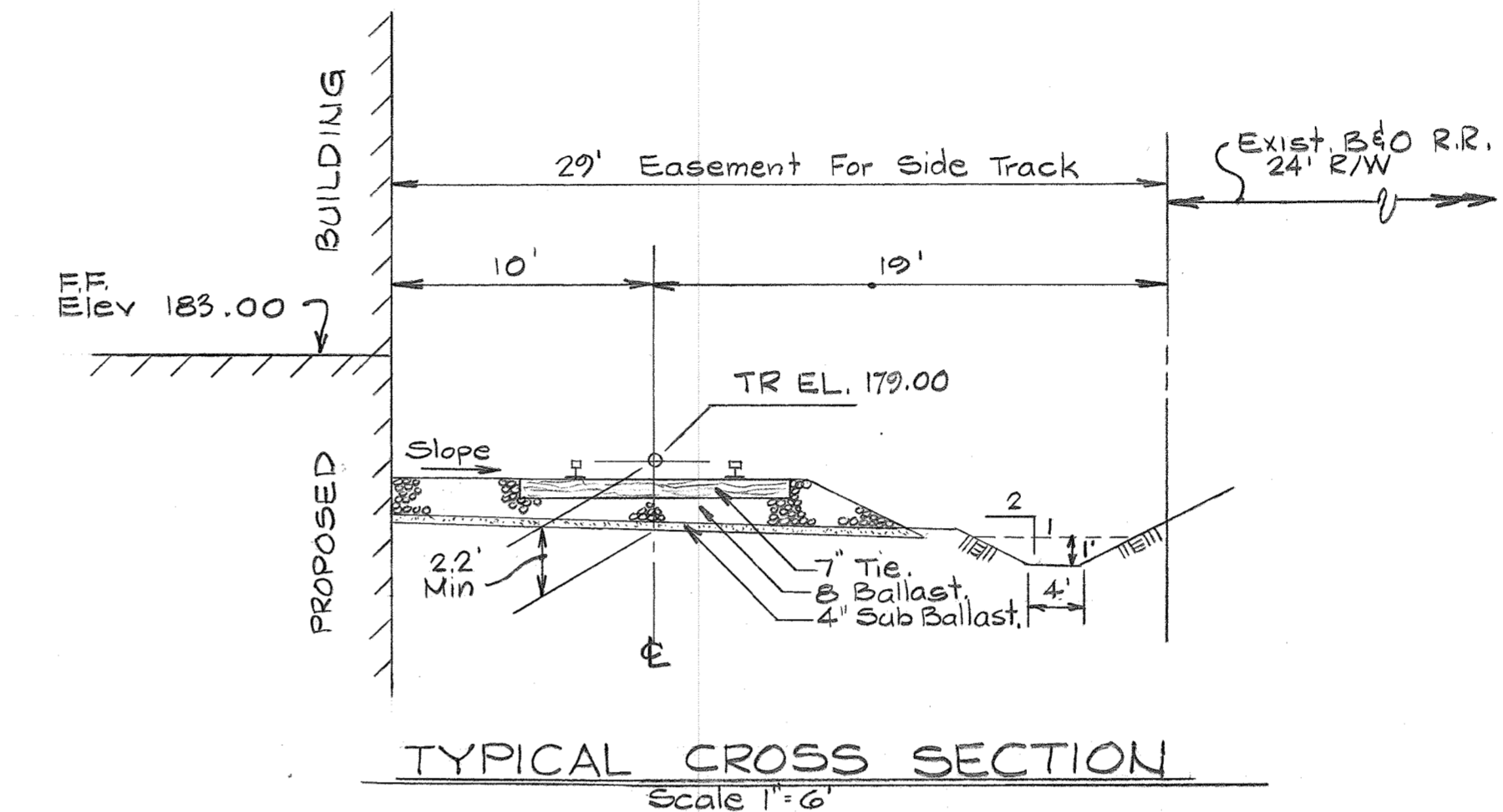
SDP-78-22 Print Date: 12-6-77



Note: Lighting Standards shall be set to reflect lighting away from Public R.O.W



Note: All Railroad Construction shall conform to the requirements of the Chessie System.



1/13/18 FOR REV. 3 ONLY HANDICAP SPACE & STAIRS

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 16597 Expiration Date: 8/15/19

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

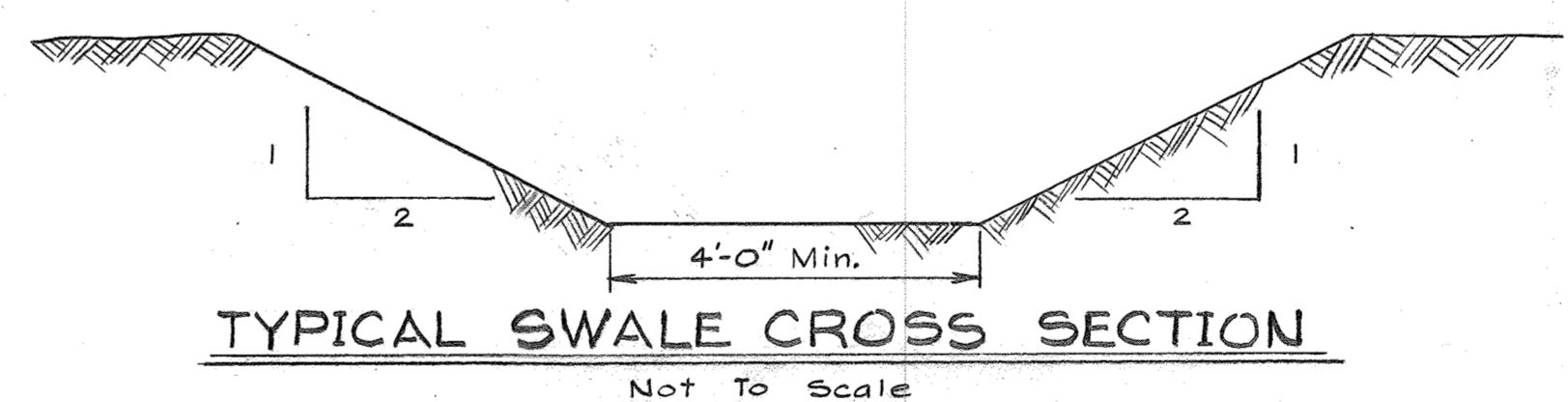
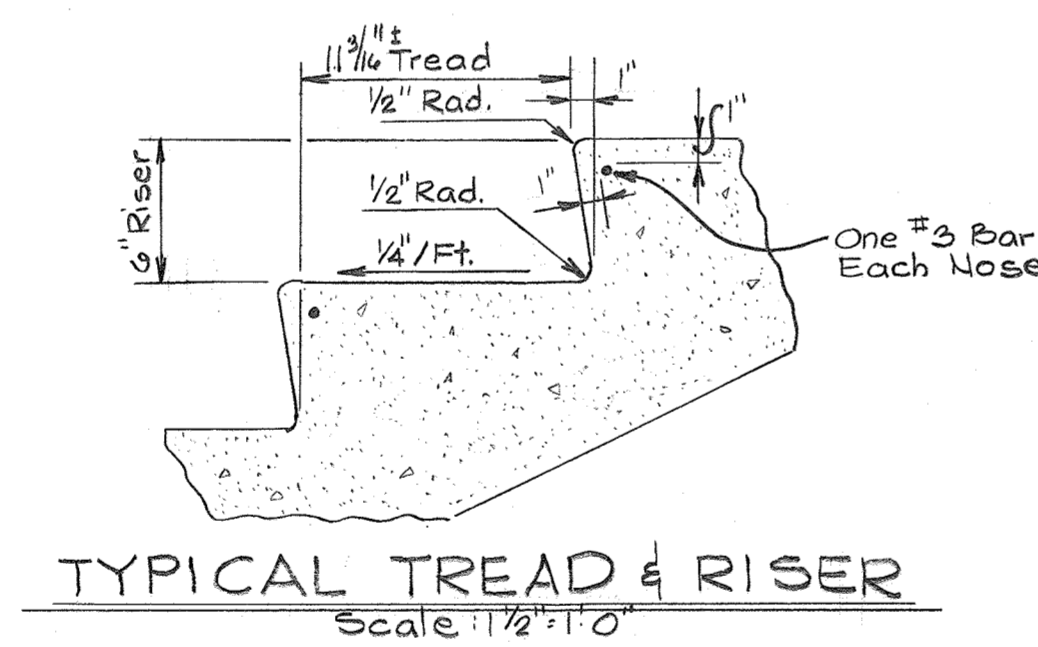
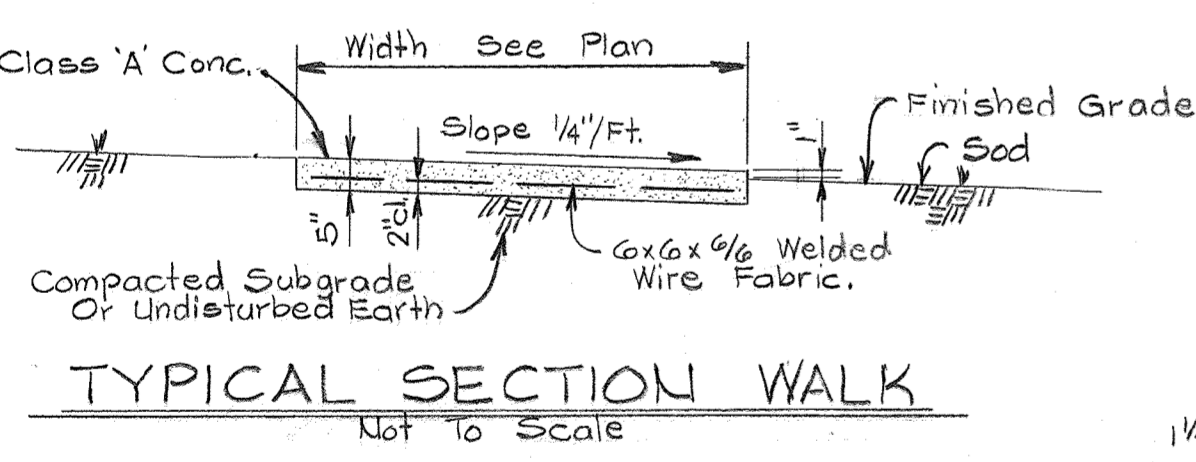
Approved: *Wes Keefer* Date: 12-4-77
Howard S.C.D.

Reviewed for *Howard* S.C.D. Name and meets Technical Requirements
P. Wayne Bray Date: 12/13/77
Signature
U.S. Soil Conservation Service

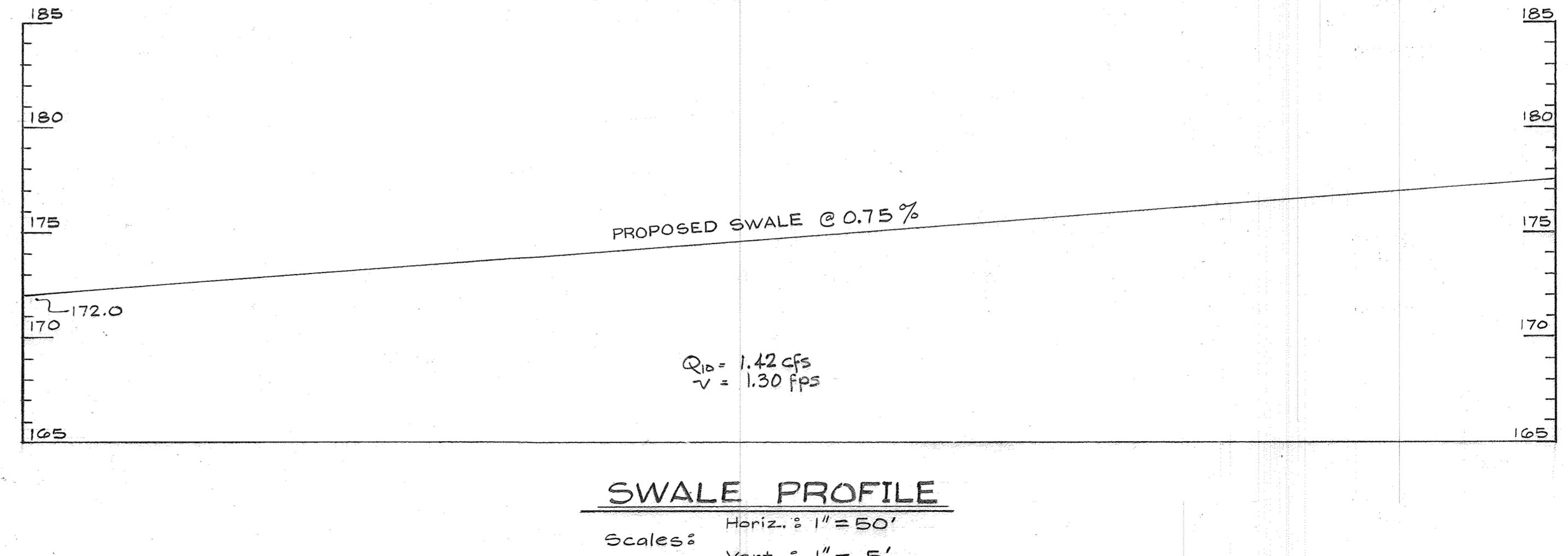
PROFILE Scale: Horiz. 1"=100 Vert. 1"=10'

TYPICAL CROSS SECTION Scale 1"=6'

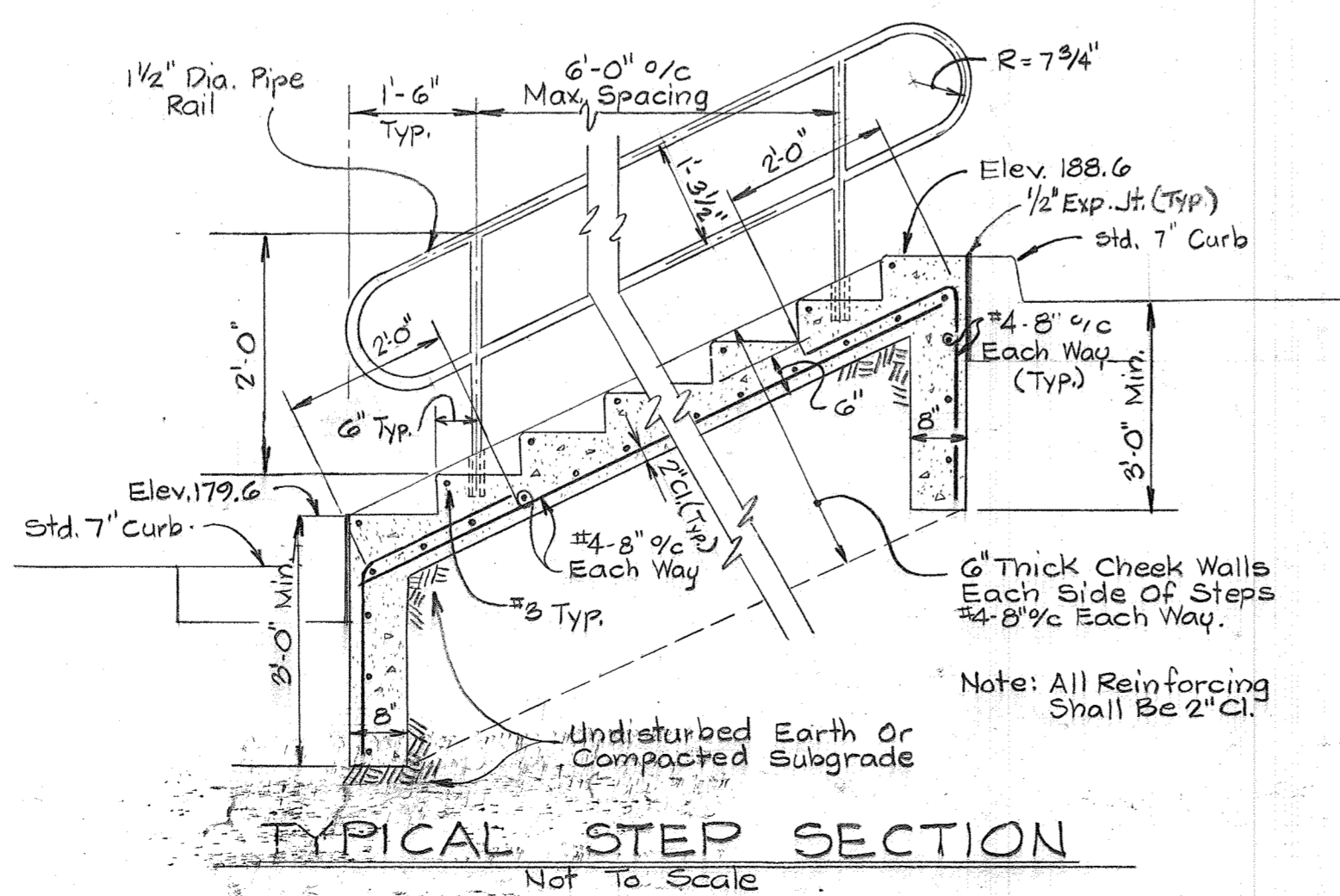
ENTRY DETAIL 1"=10'



TYPICAL SWALE CROSS SECTION Not to Scale



SWALE PROFILE Scale: Horiz. 1"=50' Vert. 1"=5'



TYPICAL STEP SECTION Not to Scale

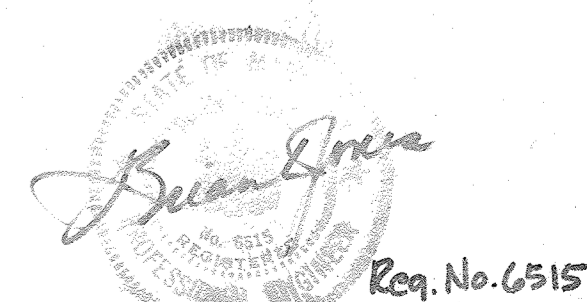
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joyce M. ... DATE: 12-19-77
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
... DATE: 12-19-77
CHIEF, DIVISION OF LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
... DATE: 12-16-77
DIRECTOR

W.O. ... DATE: 12-16-77
CHIEF, BUREAU OF HIGHWAYS

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 12-5-77
...



Req. No. 6515

JAMES PETRICA & ASSOCIATES, INC.
CONSULTING ENGINEERS
409 JEFFERSON BUILDING
TOWSON, MARYLAND

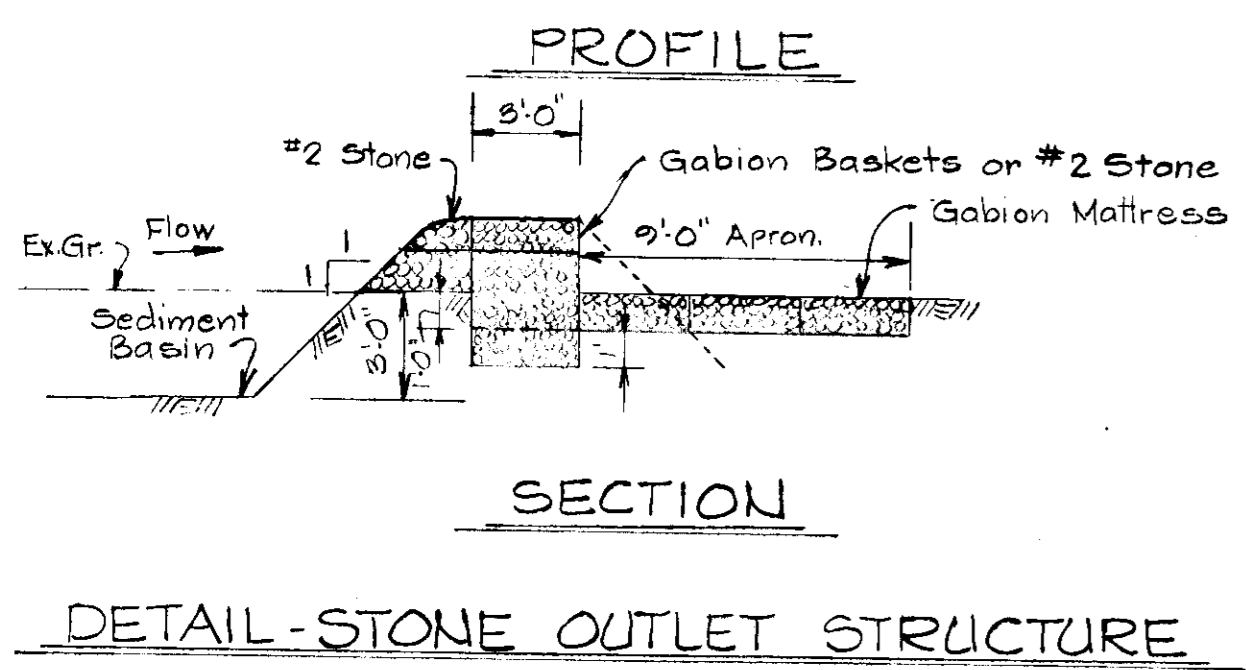
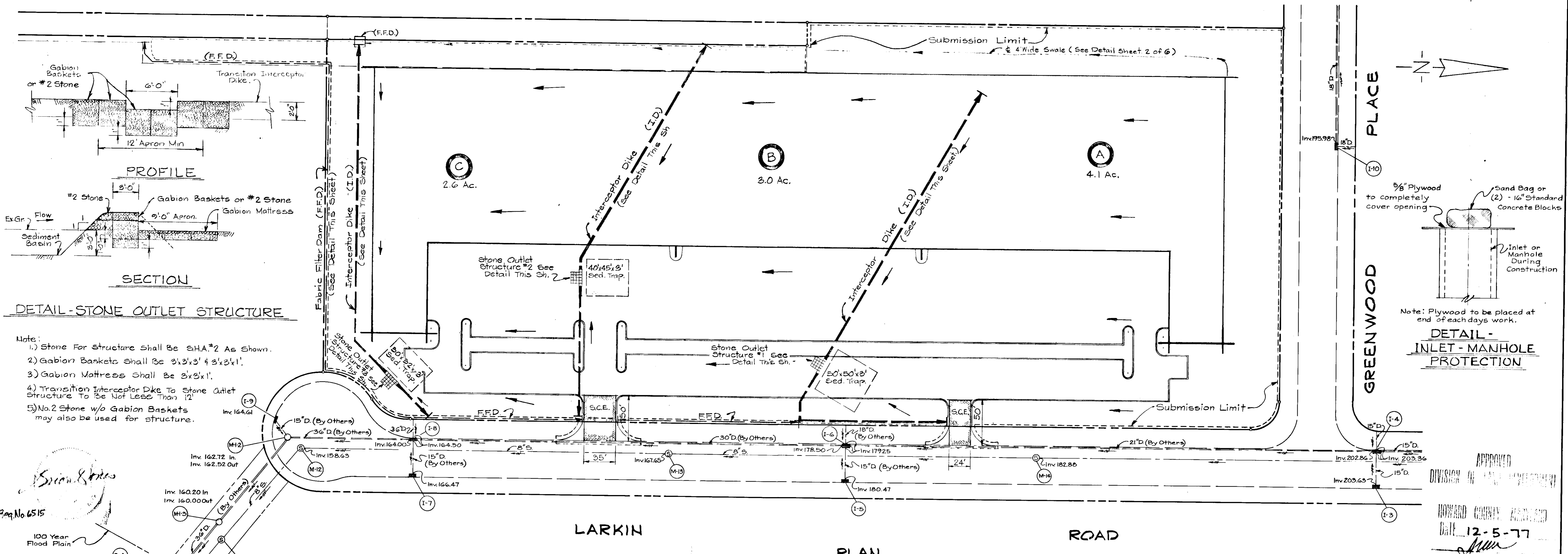
OWNER: COLUMBIA INDUSTRIAL DEVELOPMENT CORP.
%HOWARD RESEARCH & DEVELOPMENT CORP.
1075 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044

DEVELOPER / CONTRACT PURCHASER
LEROY M. MERRITT
1940 RUXTON ROAD
TOWSON, MARYLAND, 21204

LARKIN ROAD WAREHOUSING
CORRIDOR INDUSTRIAL PARK, SECTION I, PARCEL 'I'
RECORDED AS PLAT NO. 2310 LAND RECORDS
HOWARD COUNTY, MARYLAND 6TH ELEC. DISTRICT
TAX MAP 47 DATE: 8-26-77

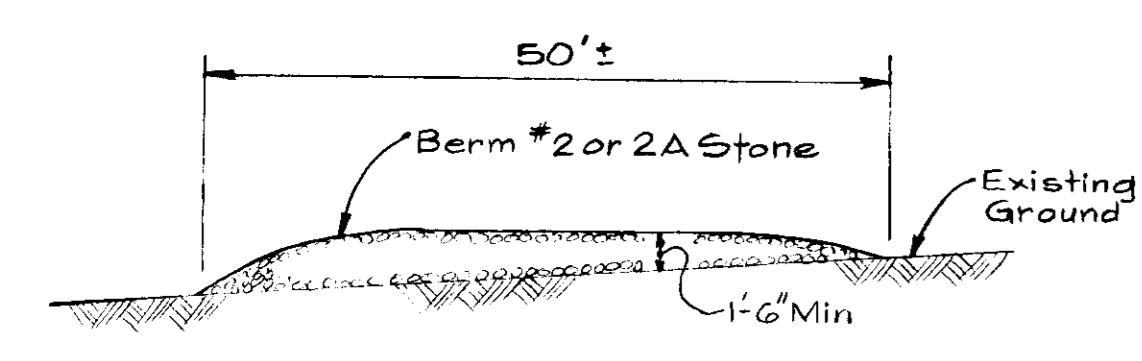
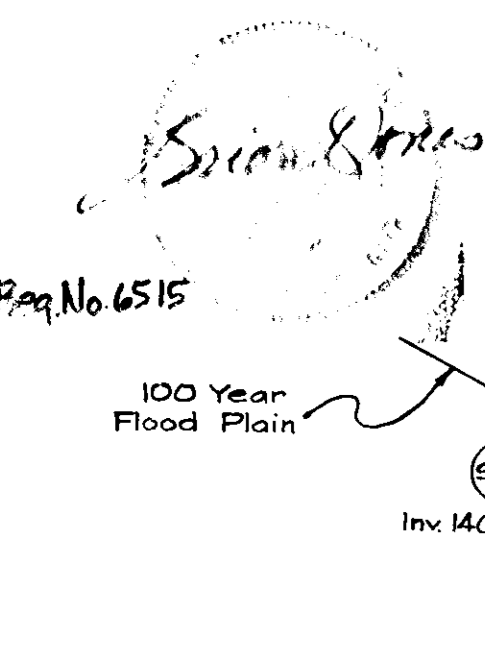
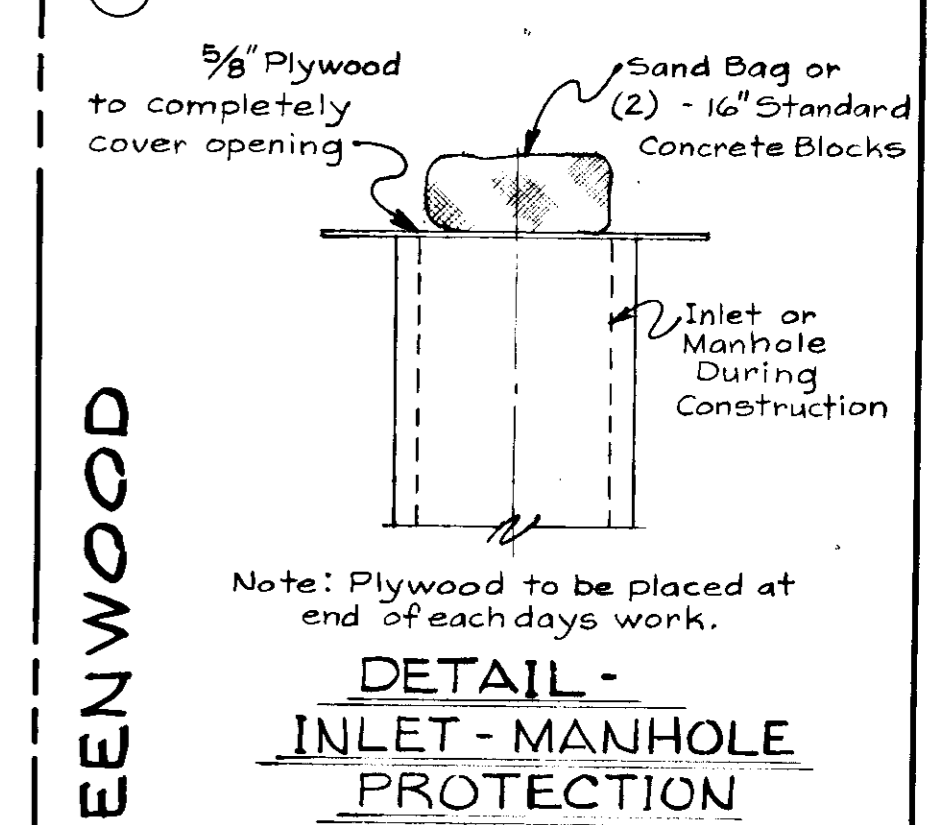
RAILROAD SIDE TRACK
& MISCELLANEOUS DETAILS

SCALE AS SHOWN
DRAWING NO. 2 OF 6



DETAIL - STONE OUTLET STRUCTURE

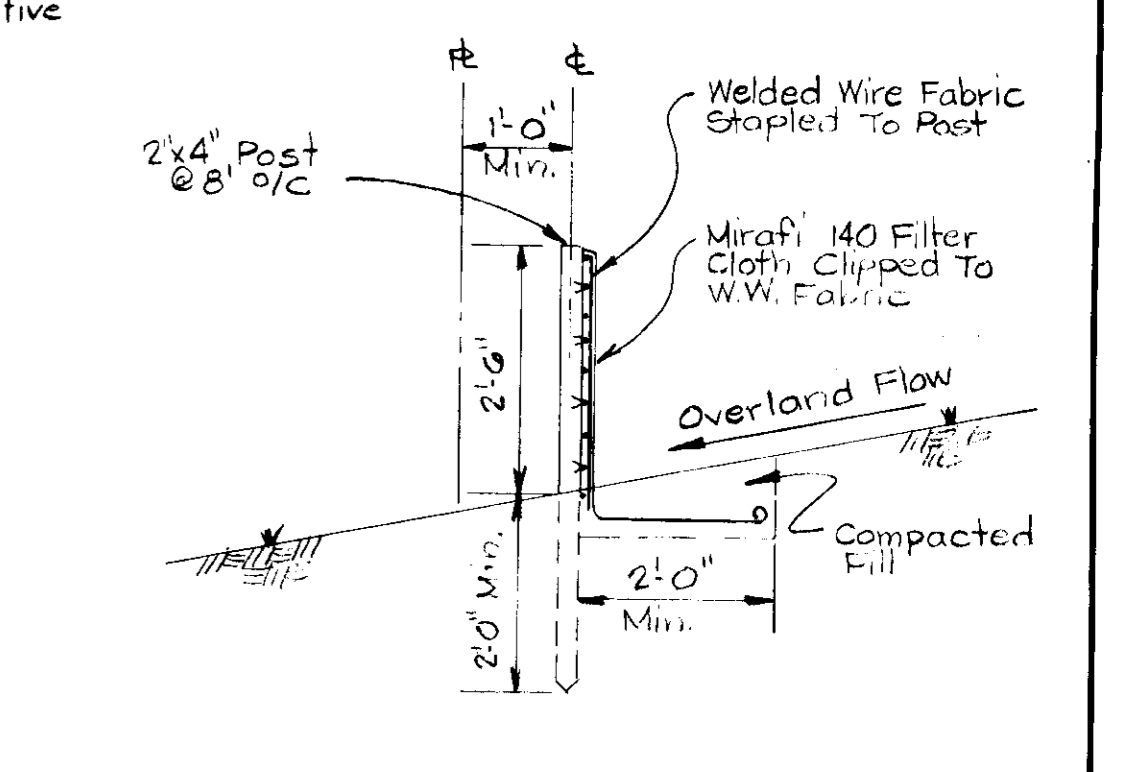
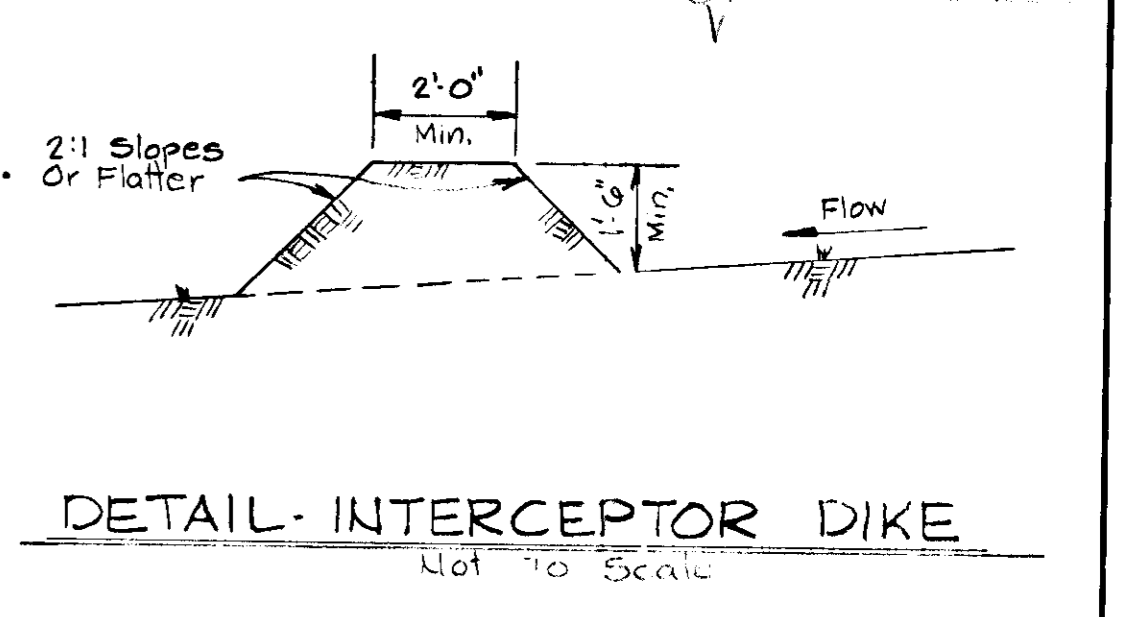
Note:
 1) Stone For Structure shall be SHA #2 As Shown.
 2) Gabion Baskets shall be 3'x3'x1'.
 3) Gabion Mattress shall be 3'x3'x1'.
 4) Transition Interceptor Dike to Stone Outlet Structure To be Not Less Than 12'
 5) No.2 Stone w/o Gabion Baskets may also be used for structure.



VEGETATIVE SPECIFICATIONS

- All measures specified herein conform to USDA Standards and Specifications for soil erosion and sediment control in developing sites.
- Topsoil shall consist of salvaged topsoil from the site and shall be uniformly distributed to a minimum compacted depth of 4 inches, with all irregularities in the surface properly filled.
- Following topsoiling, area shall be loosened to a depth of 3 inches, and prepared for seeding and sodding as follows:
 a. Apply dolomitic lime at a rate of 50 lbs/1000 s.f.
 b. Apply fertilizer 10-10-10 at a rate of 25 lbs/1000 s.f.
- Seeding shall be SCS Mix No. 1, certified Kentucky 31" tall fescue applied at a rate of 60 lbs/acre or 14 lbs/1000 s.f. by use of cyclone seeder or hydroseeder.
- Following seeding, seeded areas shall be mulched, and anchored by mulch anchoring.
 a. Mulch shall be small grain, unrattled straw applied at the rate of 1.5 to 2 tons/acre, or approved equal, spread uniformly at the rate of 70-90 lbs/1000 s.f. sections.
 b. Mulch anchoring shall consist of a liquid mulch binder applied at the rate of 5 gal/1000 s.f. Binder shall be cutback asphalt emulsified asphalt as approved by the Engineer.
 c. Peg and twine at 4-ft. on centers may be used as an alternative method.
- All seeded, sodded and mulched areas shall be adequately watered until growth is established, stabilized area shall then be maintained throughout subsequent construction operations.
- The contractor shall furnish and install turfgrass sod having a State "Approved Sod" label consisting of Kentucky Bluegrass having the following mixture: 50-65% Merion, 30-65% Kentucky or South Dakota certified and 0-25% Fylking, Pennstar or Windsor, on all slopes having a slope of 3:1 or greater.
- Sod shall be machine cut at a uniform soil thickness of 3/4" to 1".
- Sod shall be harvested, delivered and installed within a period of 36 hrs.
- Sod shall be laid with the long edges parallel to the contour starting at the bottom of the slope. Successive strips shall be neatly matched and all joints staggered. Sod shall be securely pegged with at least 2 stakes spaced not more than 2 feet apart, with the flat side against the slope. Stakes shall be 1/2" x 1/2" to 1/2" x 1/2" as required to insure stabilization of the sod, and driven flush with the top of sod.
- For Landscaping plan see sheet 2 of 6.

- SEQUENCE OF CONSTRUCTION**
- Notify Howard County Department of Inspection and Permits 24 hrs. prior to grading.
 - Construct stabilized Construction Entrances (S.C.E.)
 - Erect Fabric Filter Dam (F.F.D.) & Interceptor Dikes (I.D.) where shown on Drawing.
 - Construct stone outlet structures and sediment traps where shown.
 - Commence Rough Grading.
 - Construct footings and buildings slab.
 - Complete Rough Grading.
 - Install Storm Water Management facility and utilities.
 - All Inlets and Manholes will be blocked at the end of each days work.
 - Remove temporary Sediment Control Measures.
 - Construct Curb & Gutter and place Stone Base Course in paving areas.
 - Stabilize all disturbed areas not to be paved in accordance with vegetative specifications.



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER (12-19-77) DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR (12-11-77) DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT (12-11-77) DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR (12-16-77) DATE
 CHIEF, BUREAU OF HIGHWAYS (12-16-77) DATE

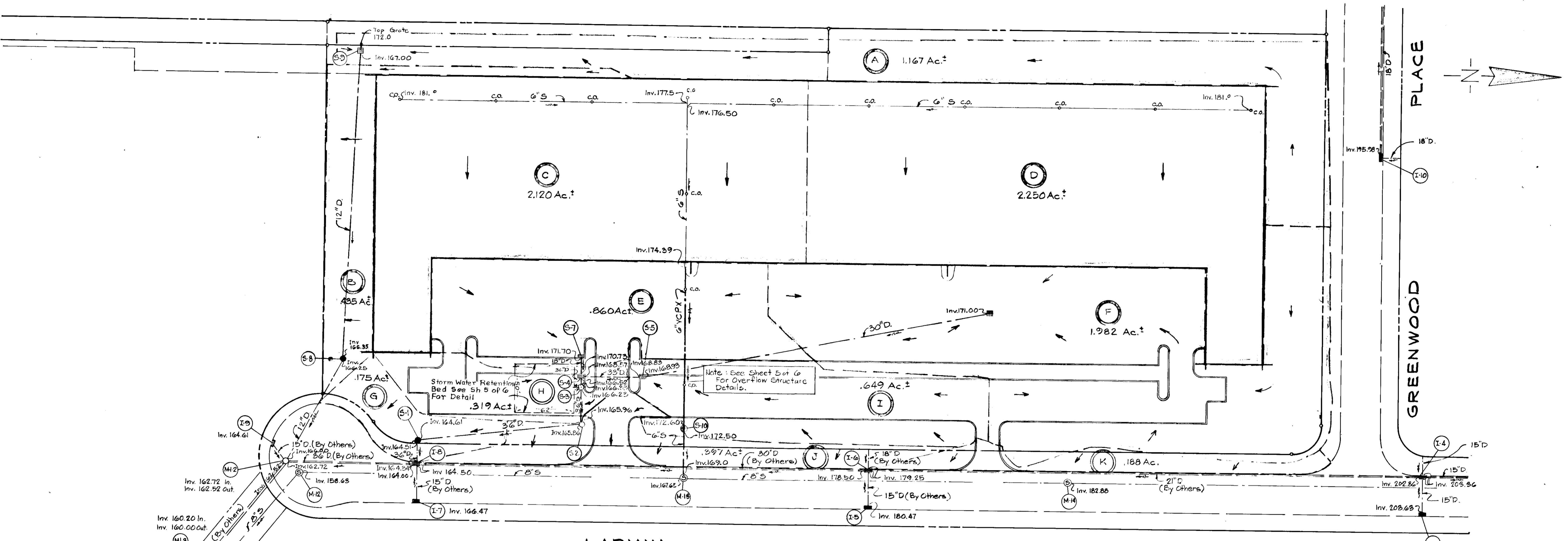
Reviewed for HOWARD COUNTY S.C.D. and meets Technical Requirements
 C. Wayne Ray 12/13/77
 Signature Date
 U.S. Soil Conservation District

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District
 Wes Epp 12-13-77
 Approved Date
 Howard S.C.D.

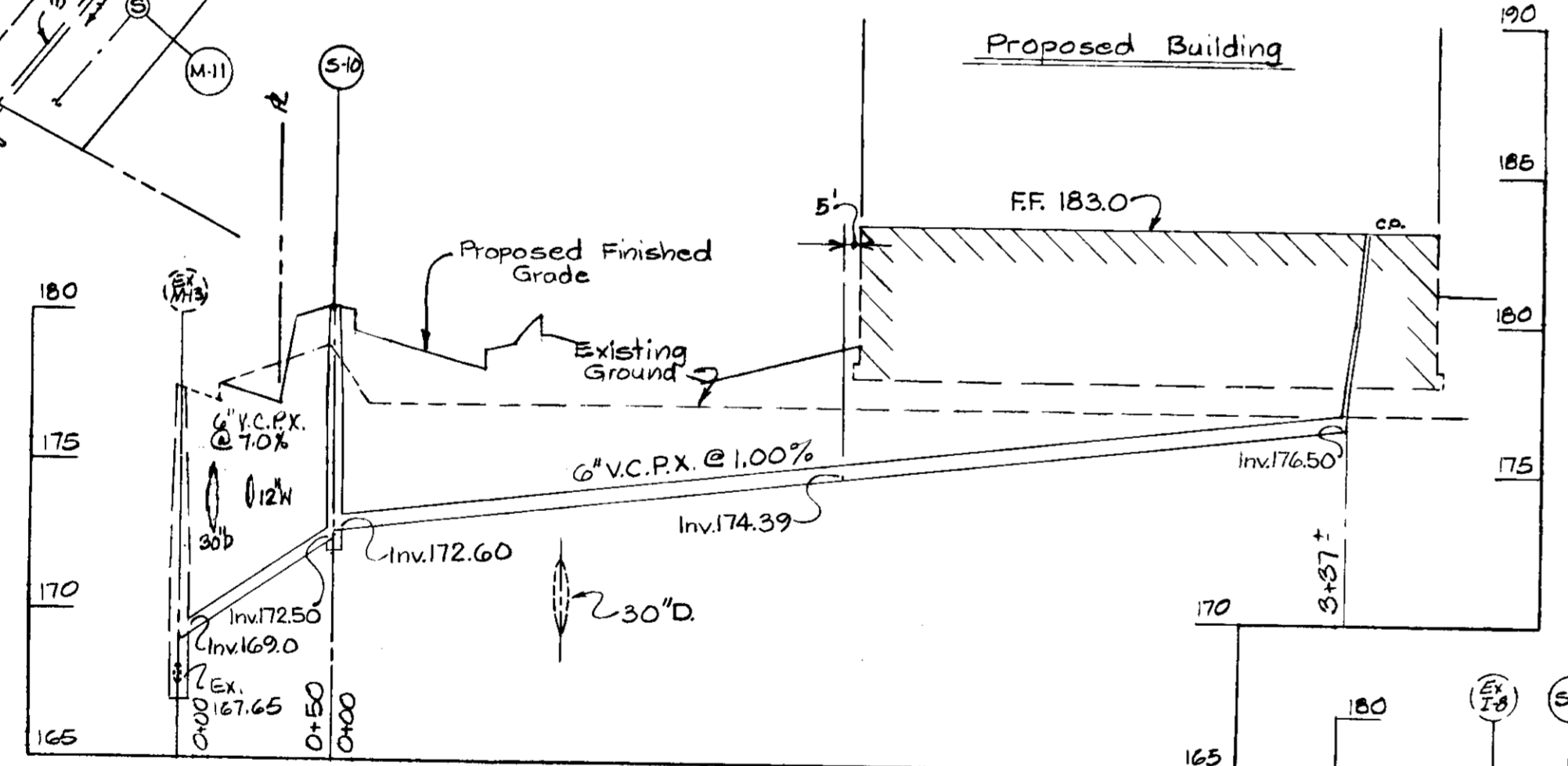
BY THE DEVELOPER:
 "I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary." Deviation from the plan will not be made, unless authorized by the Howard Soil Conservation District.
 Signature of Developer 8-26-77 Date

BY THE ENGINEER:
 "I certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my professional knowledge of the site conditions and that it was prepared in accordance with the requirements of Howard Soil Conservation District."
 Signature of Engineer 8-26-77 Date

JAMES PETRICA & ASSOCIATES, INC. CONSULTING ENGINEERS 409 JEFFERSON BUILDING TOWSON, MARYLAND	OWNER: COLUMBIA INDUSTRIAL DEVELOPMENT CORP. % HOWARD RESEARCH & DEVELOPMENT CORP. 1075 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044	DEVELOPER / CONTRACT PURCHASER LEROY M. MERRITT 1940 RUXTON ROAD TOWSON, MARYLAND, 21204	LARKIN ROAD WAREHOUSING CORRIDOR INDUSTRIAL PARK, SECTION 1, PARCEL 17 RECORDED AS PLAT NO. 2910 LAND RECORDS HOWARD COUNTY, MARYLAND 6TH ELEC. DISTRICT TAX MAP 47 DATE: 8-26-77	SEDIMENTATION & EROSION CONTROL	SCALE AS SHOWN DRAWING NO. 3 OF 6
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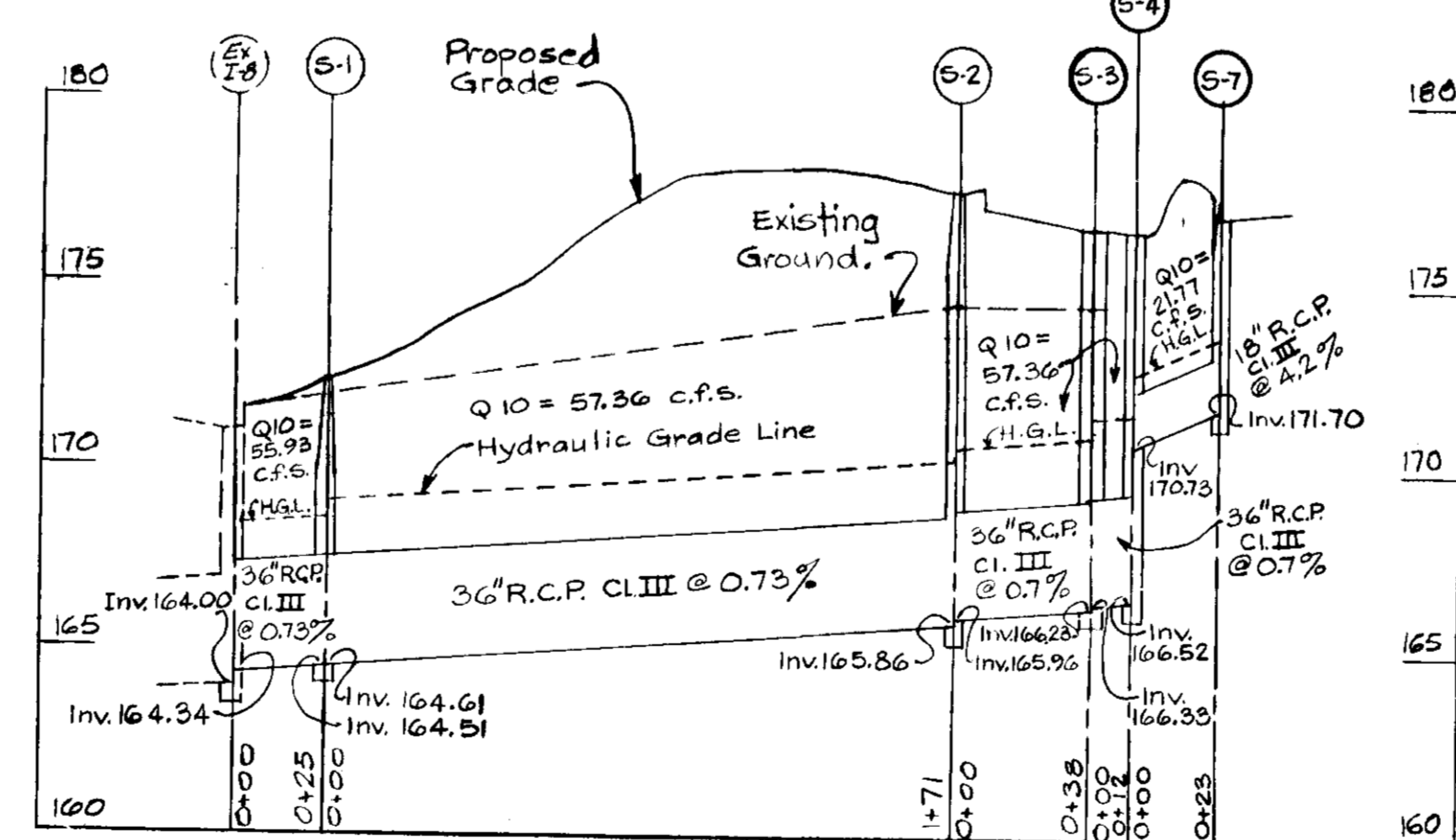
PLAN
Scale 1" = 50'



SEWER PROFILE
Scale: Hor. 1" = 50', Vert. 1" = 5'

ESTIMATED SEWAGE FLOWS

Warehousing	4050 gpd.
Office	4514 gpd.
Total (Avg. Flow)	8624 gpd.



PROFILE
Scale: Hor. 1" = 50', Vert. 1" = 5'

DRAINAGE STRUCTURE SCHEDULE

No	Description	Remarks	Page No.	Inv. Out	Inv. In	Top Elev
S-1	Standard Manhole	Standard Dwg. D-103	158	164.51	164.61	172.5 Rim
S-2	Standard Manhole	Standard Dwg. D-103	158	165.86	165.96	177.4 Rim
S-3	Storm Water Retention Structure	See Detail Sheet 5 of 6	-	166.23	166.33	176.6 Rim
S-4	Standard S Comb. Inlet (Dble. Grate)	Standard Dwg. D-99	154	166.52	170.73	176.5 Grate
S-5	Standard S Comb. Inlet (Dble. Grate)	Standard Dwg. D-99	154	168.83	168.93	177.5 Grate
S-6	Standard Class S Inlet (Dble. Grate)	Standard Dwg. D-102	157	171.00	-	177.0 Grate
S-7	Standard S Comb. Inlet (Dble. Grate)	Standard Dwg. D-99	154	171.70	-	177.0 Grate
S-8	Standard Manhole	Standard Dwg. D-103	158	166.25	166.35	176.5 Rim
S-9	Standard Class S Inlet (Sin. Grate)	Standard Dwg. D-98	153	167.00	-	172.0 Grate
S-10	Standard Manhole (Sanitary)	Standard Dwg. D-103	158	172.50	172.60	180.0 Rim

- Notes:
- 1) This Parcel is Not Within The 100 Year Flood Plain.
 - 2) For Drainage Area Map Refer To Corridor Industrial Park Drawing F-75-57 As Prepared By Century Engineering, Inc. Dated 1-13-75.
 - 3) Standard Drawing References Refer To Howard County Construction Code And Standard Specifications as Revised August 1968.

12-5-77
[Signature]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE: 12-19-77
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] DATE: 12-17-77
PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
[Signature] DATE: 12-16-77
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] DATE: 12-16-77
CHIEF BUREAU OF HIGHWAYS

JAMES PETRICA & ASSOCIATES, INC.
CONSULTING ENGINEERS
409 JEFFERSON BUILDING
TOWSON, MARYLAND

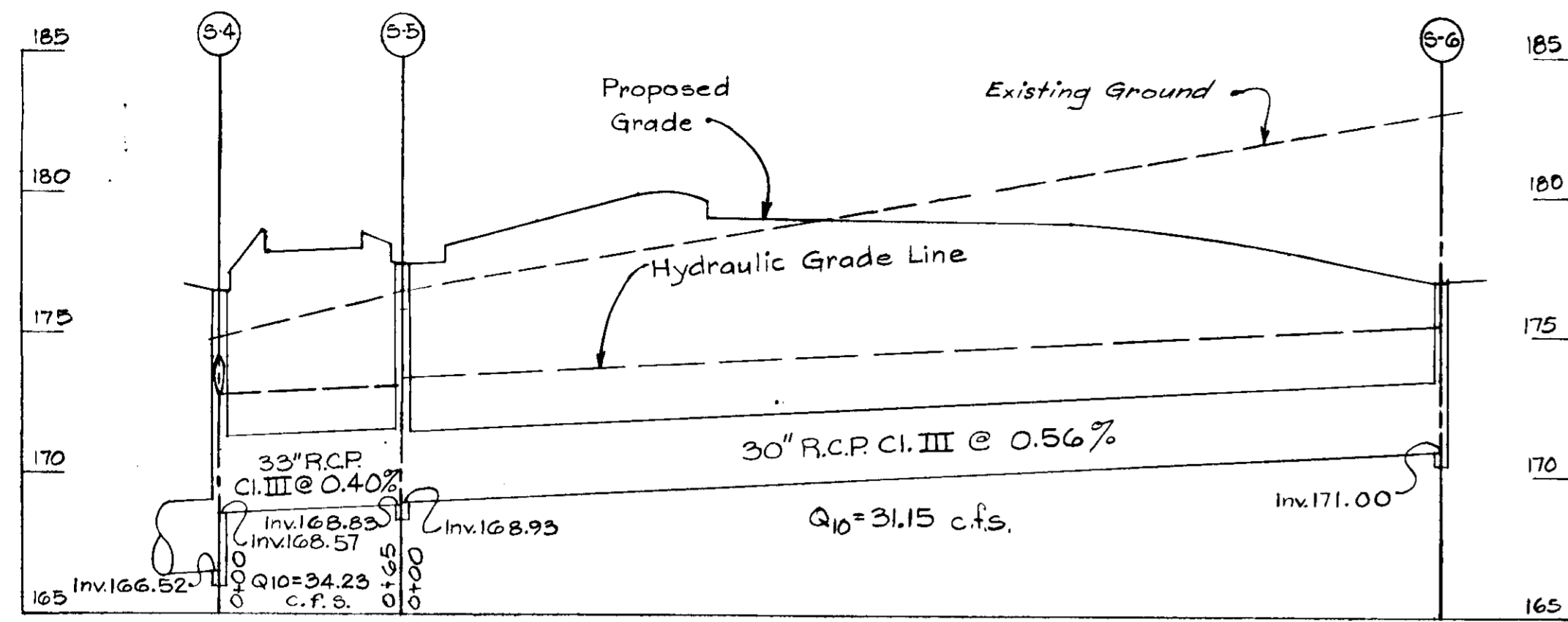
OWNER: COLUMBIA INDUSTRIAL DEVELOPMENT CORP
%HOWARD RESEARCH & DEVELOPMENT CORP
1075 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND 21044

DEVELOPER/CONTRACT PURCHASER
LEROY M MERRITT
1940 RUXTON ROAD
TOWSON, MARYLAND, 21204

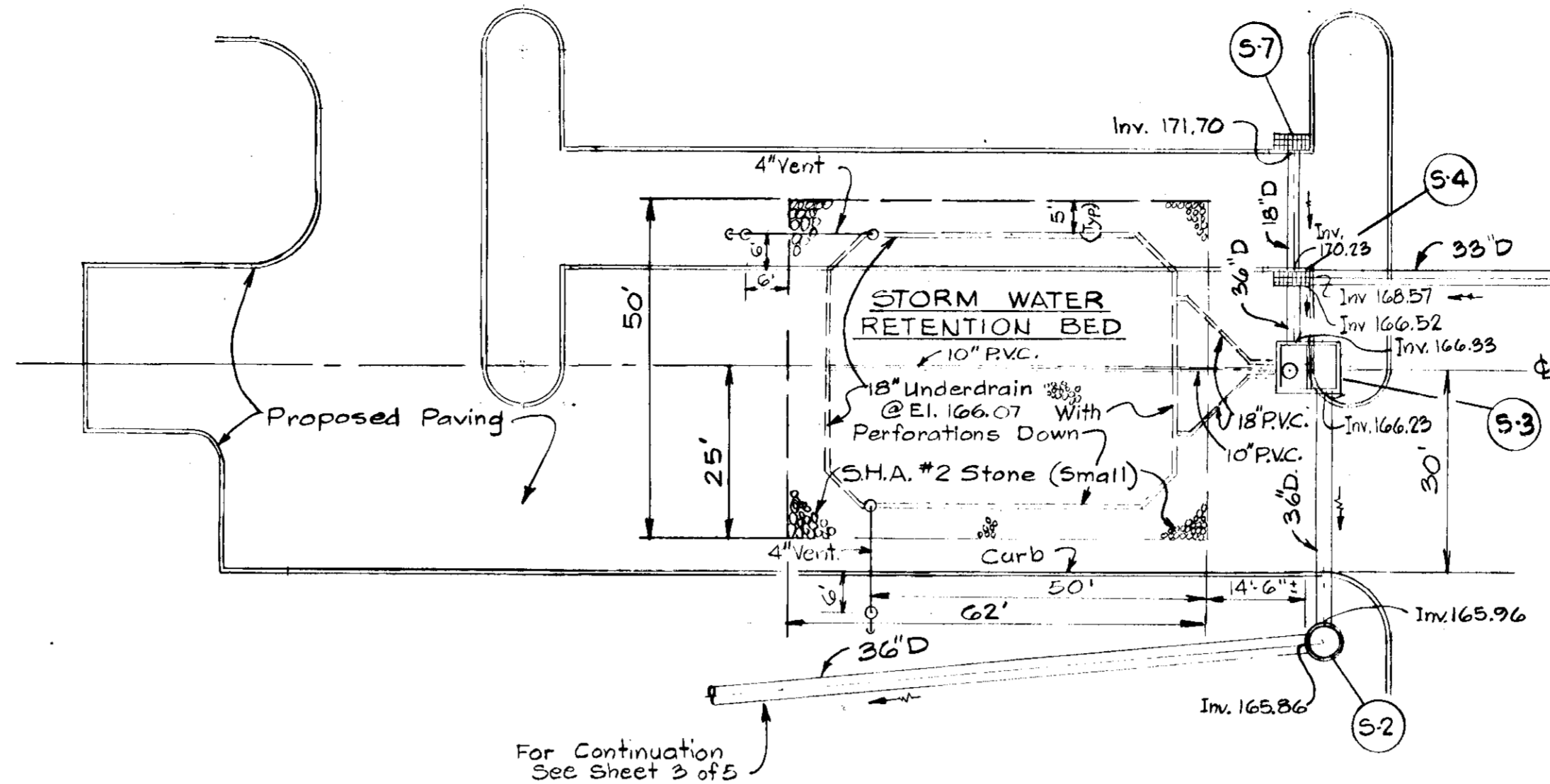
LARKIN ROAD WAREHOUSING
CORRIDOR INDUSTRIAL PARK, SECTION 1, PARCEL T
RECORDED AS PLAN NO 3910 LAND RECORDS
HOWARD COUNTY, MARYLAND 6TH ELEC. DIST.
TAX MAP 47 DATE: 8-26-77

SANITARY SEWER,
STORM WATER RETENTION &
STORM DRAINS

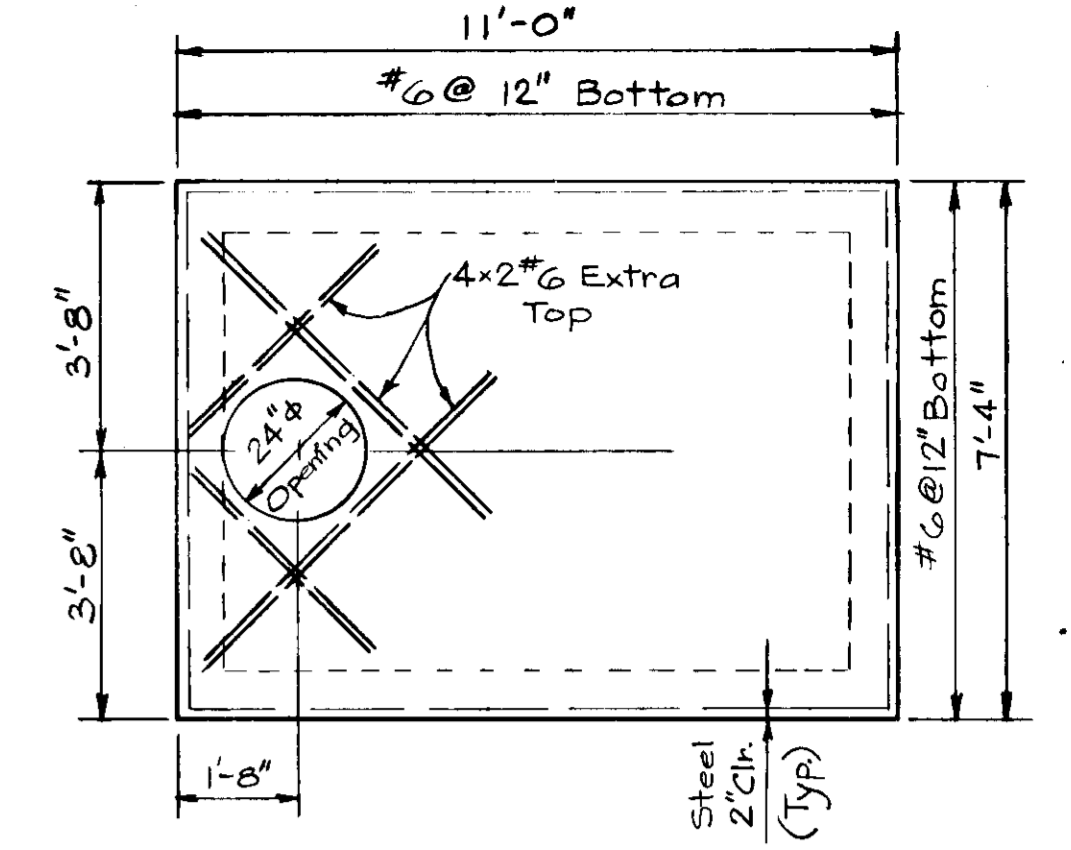
SCALE AS SHOWN
DRAWING NO. 4 OF 6



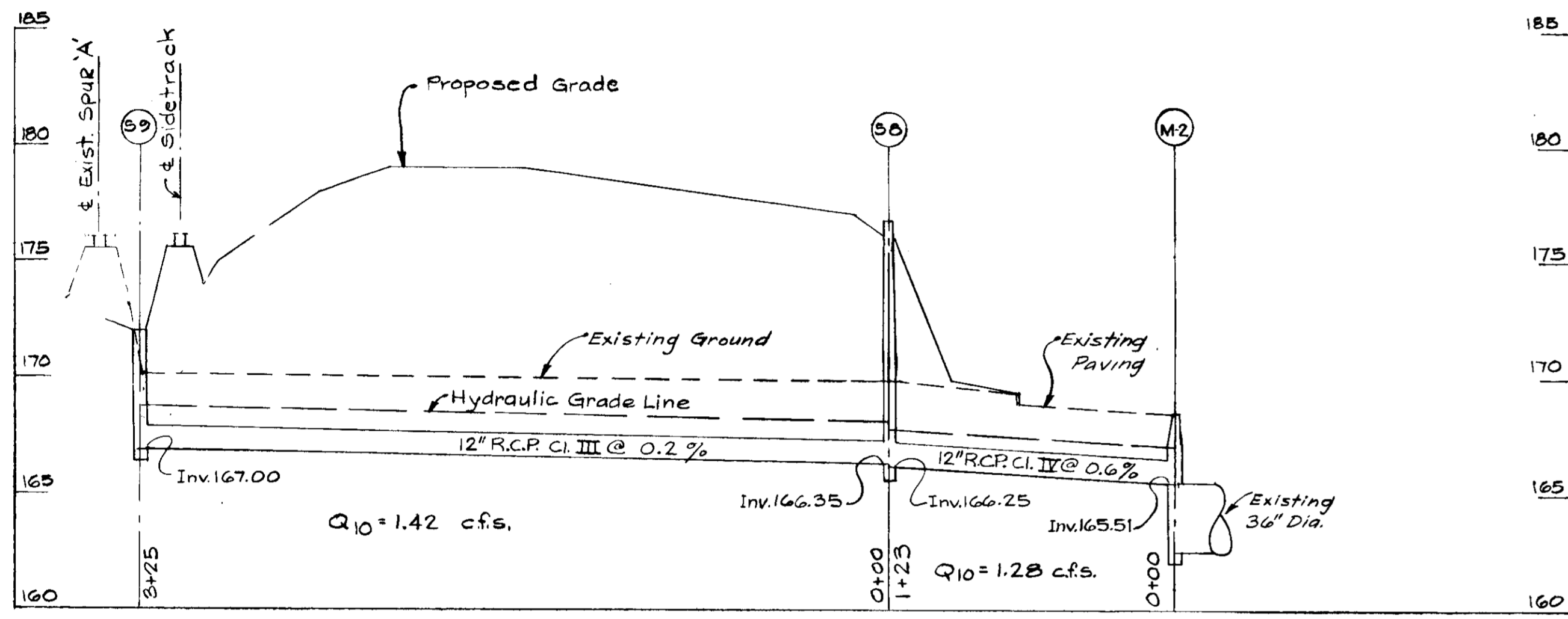
PROFILE
Scale: Horiz. 1"=50'
Vert. 1"=5'



PART PLAN - STORM WATER RETENTION BED
Scale: 1"=20'0"

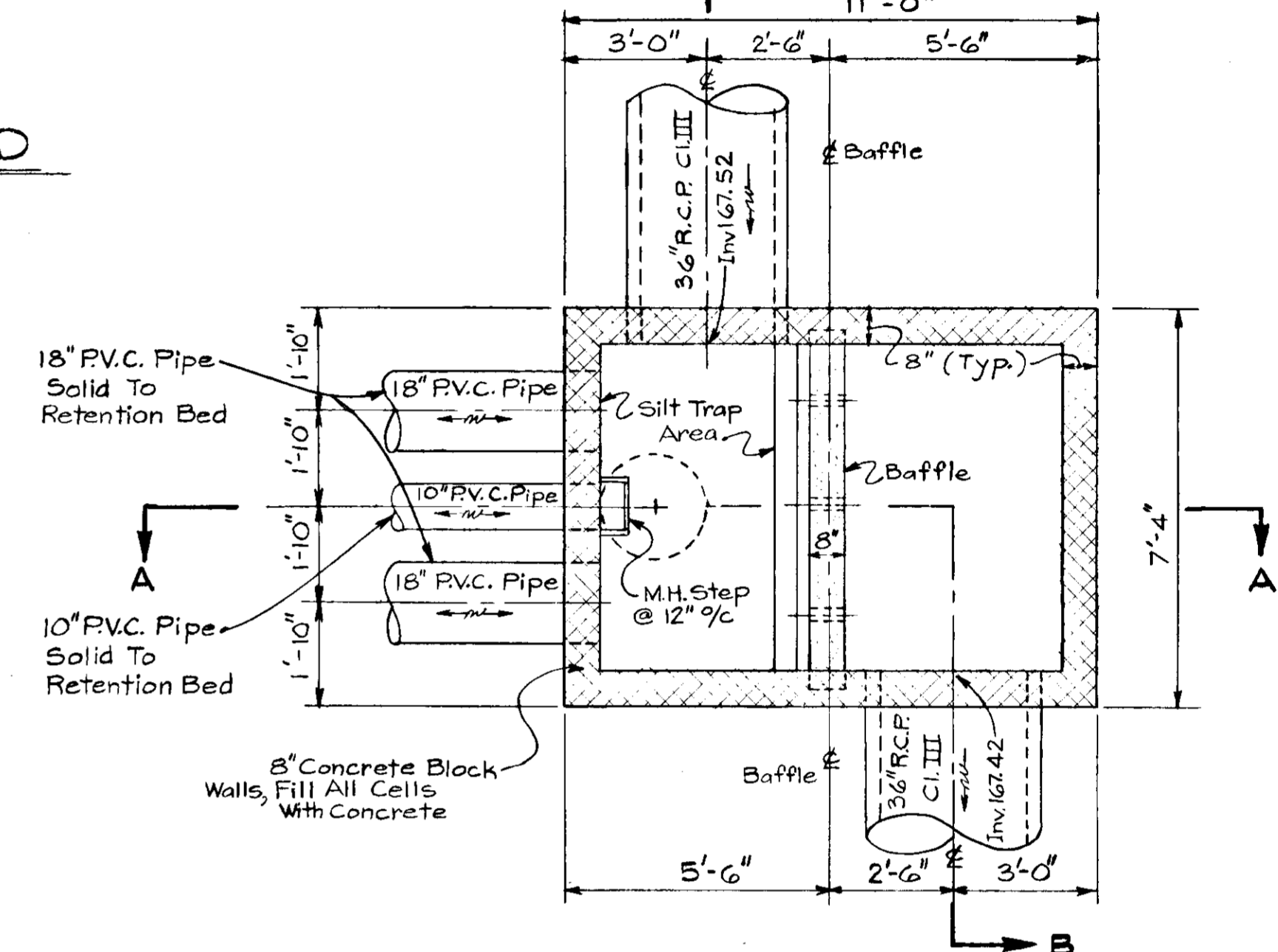


TOP SLAB
Scale: 3/8"=1'0"

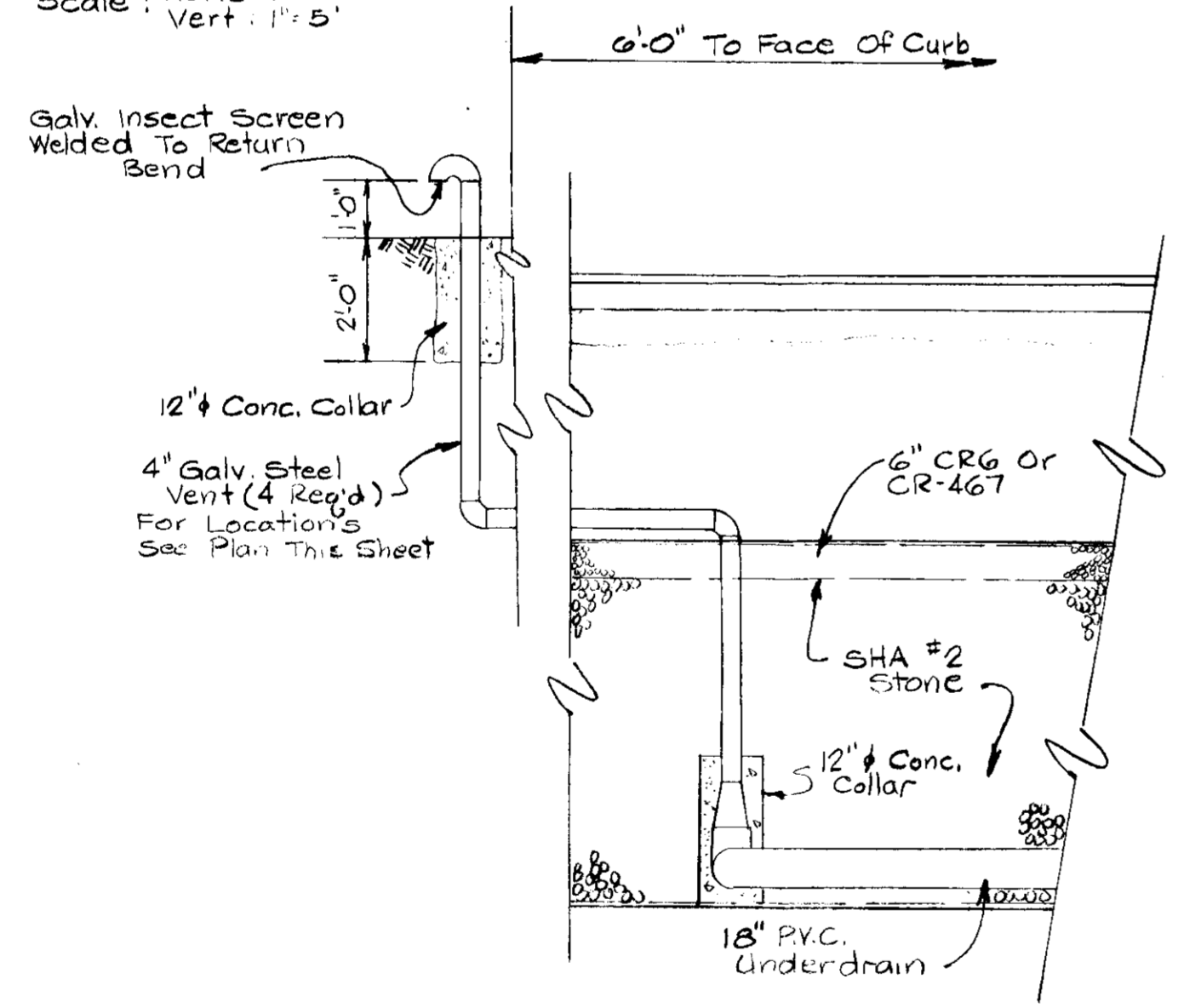


PROFILE
Scale: Horiz. 1"=50'
Vert. 1"=5'

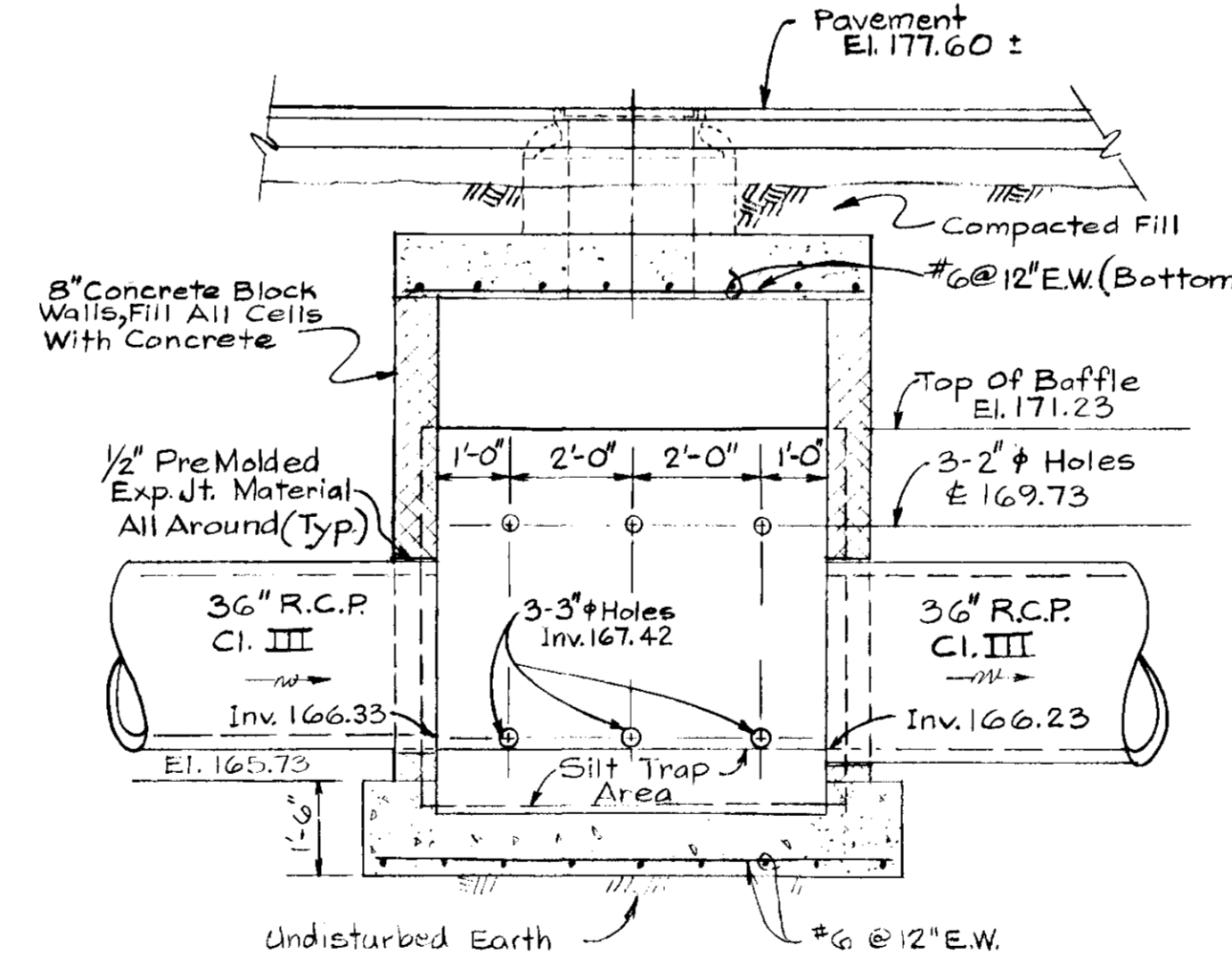
STORM WATER RETENTION	
Drainage Area	10.133 Ac.
Storage Required	41,500 c.f.
Off-Site Storage Provided	35,000 c.f.
On-Site Storage Provided	62'x50'x5' = 6,510 c.f. (S.H.A. #2 Stone has void ratio of 41%-43%)
Total Storage Provided	41,510 c.f.
Release Rate Required	4.05 c.f.s.
Release Rate Provided	3.97 c.f.s.



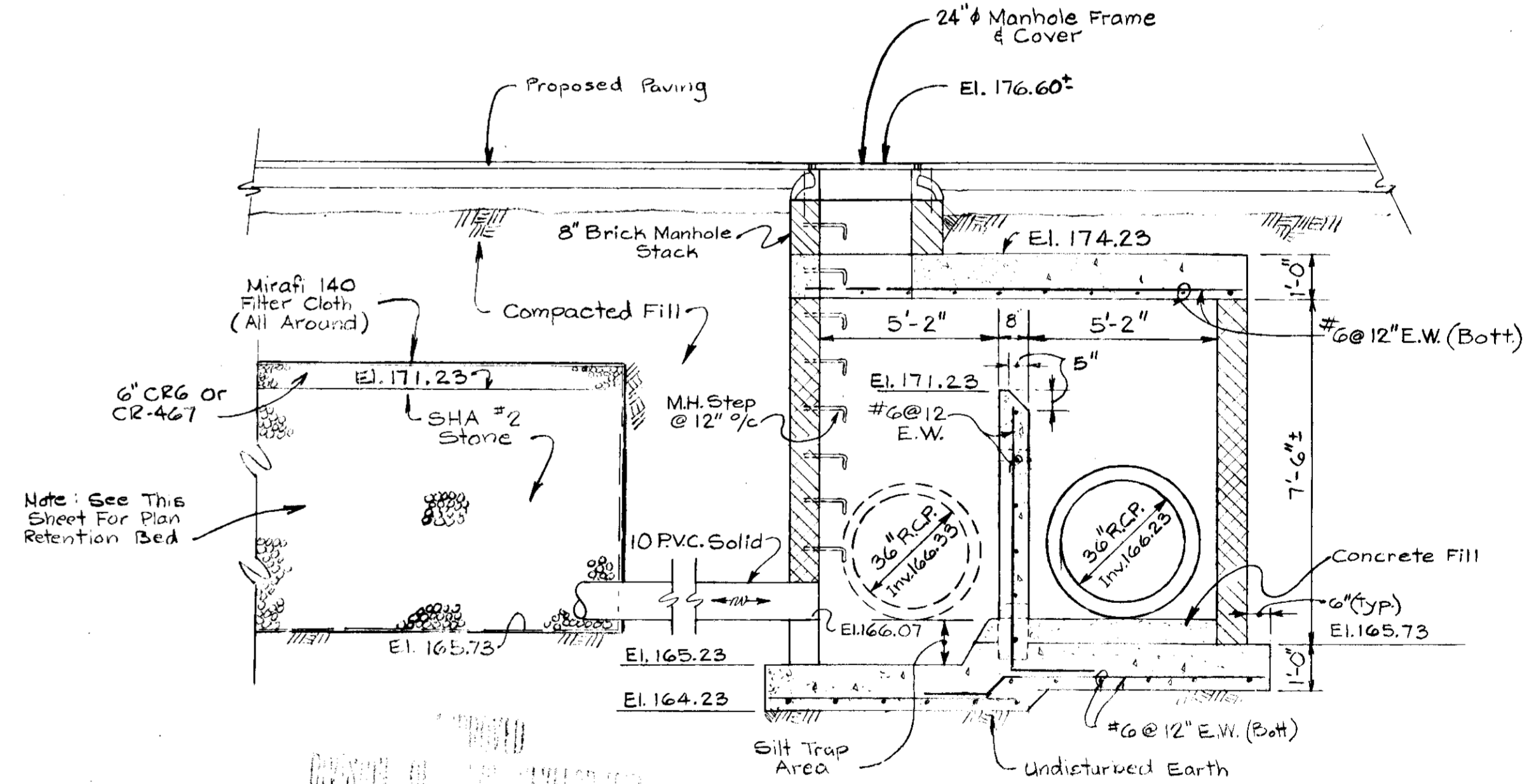
PLAN S3
Scale: 3/8"=1'0"



DETAIL - 4" VENT
Scale: 3/8"=1'0"



SECTION 'B-B'
Scale: 3/8"=1'0"



SECTION 'A-A'
Scale: 3/8"=1'0"

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE 12-14-77
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE 12-14-77
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 12-16-77
 CHIEF, BUREAU OF HIGHWAYS DATE 12-16-77

STORM WATER RETENTION-DETAILS

JAMES PETRICA & ASSOCIATES, INC. CONSULTING ENGINEERS 409 JEFFERSON BUILDING TOWSON, MARYLAND	OWNER: COLUMBIA INDUSTRIAL DEVELOPMENT CORP. %HOWARD RESEARCH & DEVELOPMENT CORP. 1075 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044	DEVELOPER/CONTRACT PURCHASER LEROY M. MERRITT 1940 RUXTON ROAD TOWSON, MARYLAND, 21204	LARKIN ROAD WAREHOUSING CORRIDOR INDUSTRIAL PARK, SECTION 1, PARCEL 'T' RECORDED AS PLAT NO. 2210 LAND RECORDS HOWARD COUNTY, MARYLAND 6TH ELEC. DISTRICT TAX MAP 47 DATE: 8-26-77	STORM WATER RETENTION & STORM DRAINS	SCALE AS SHOWN	DRAWING NO. 5 OF 6
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