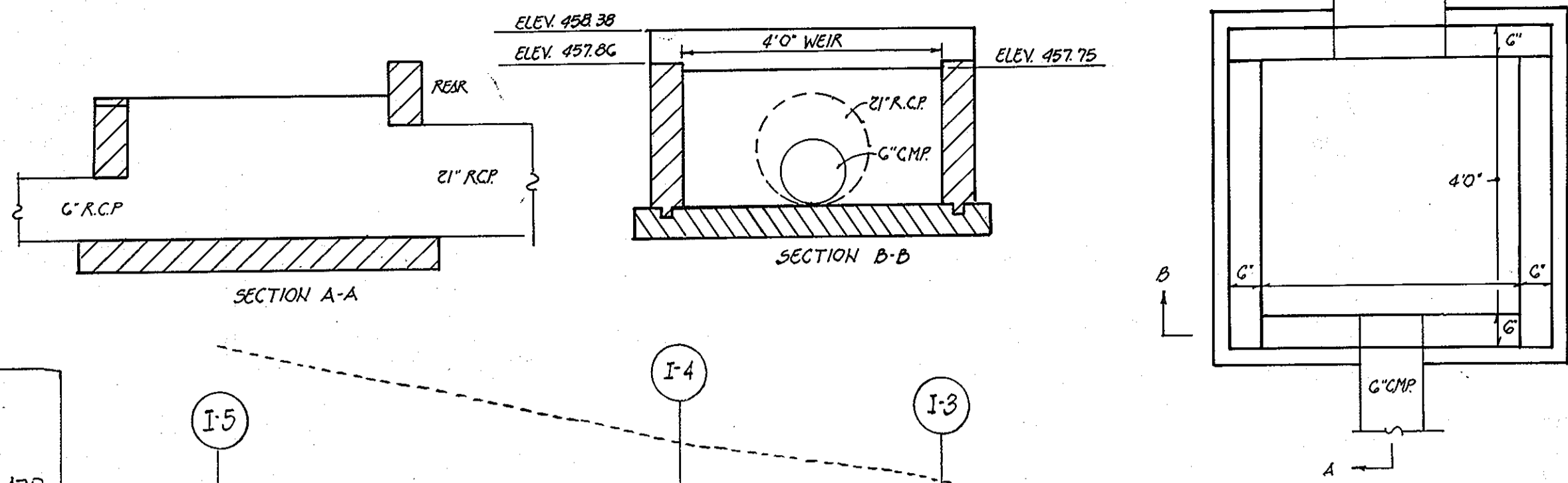
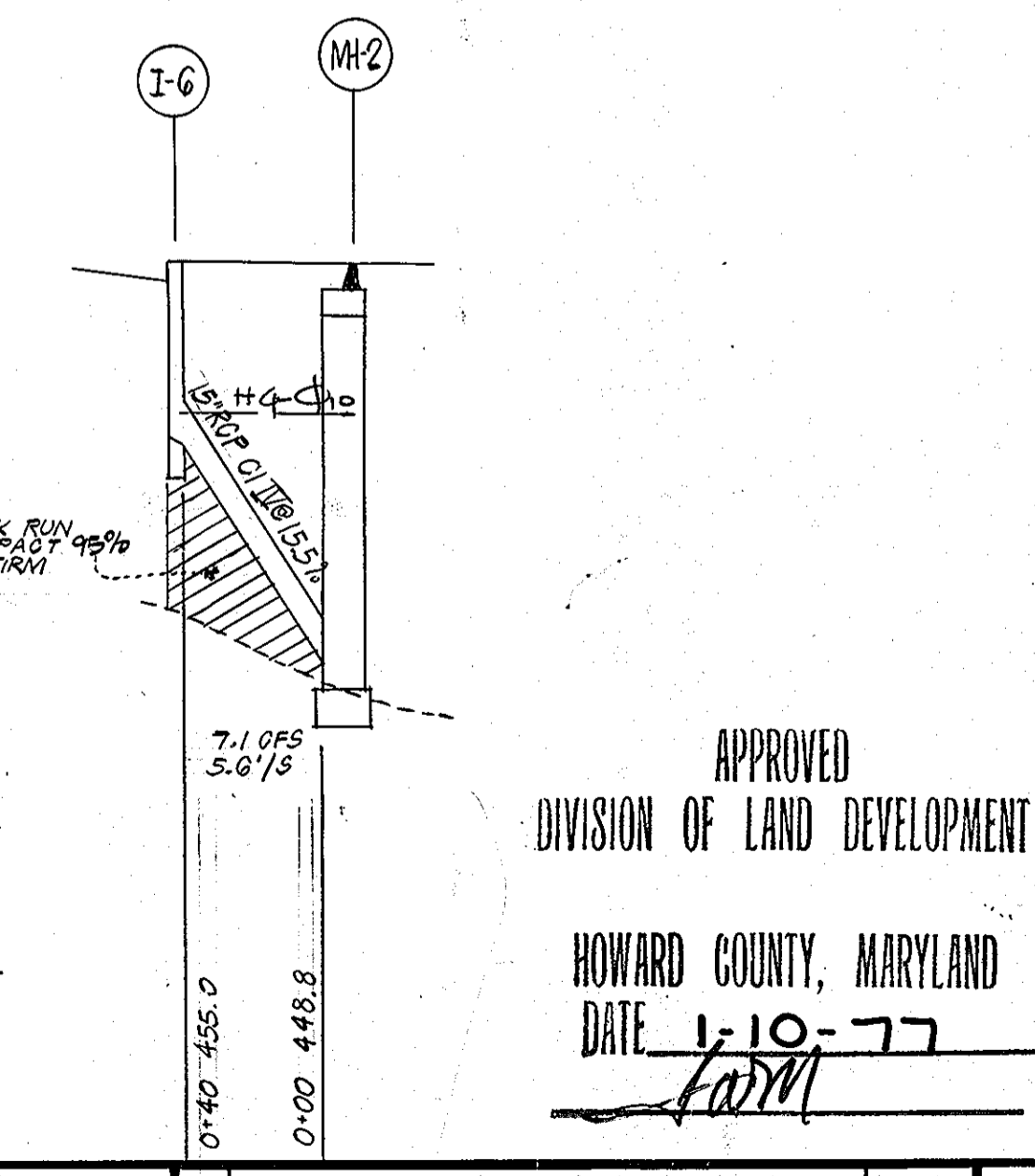
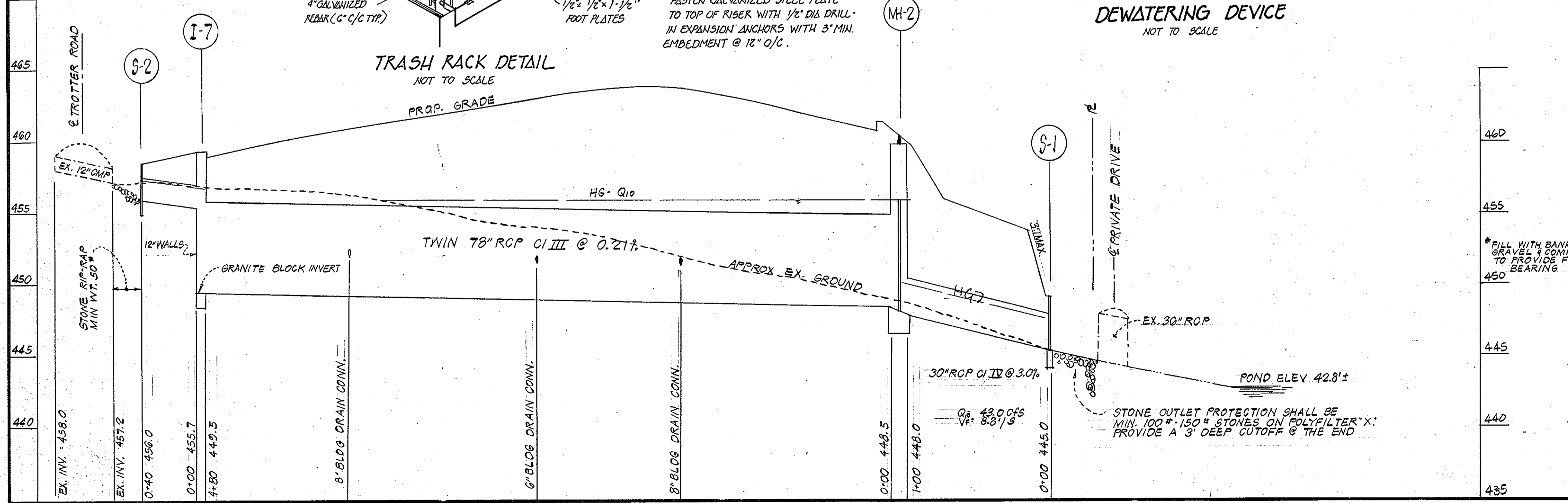
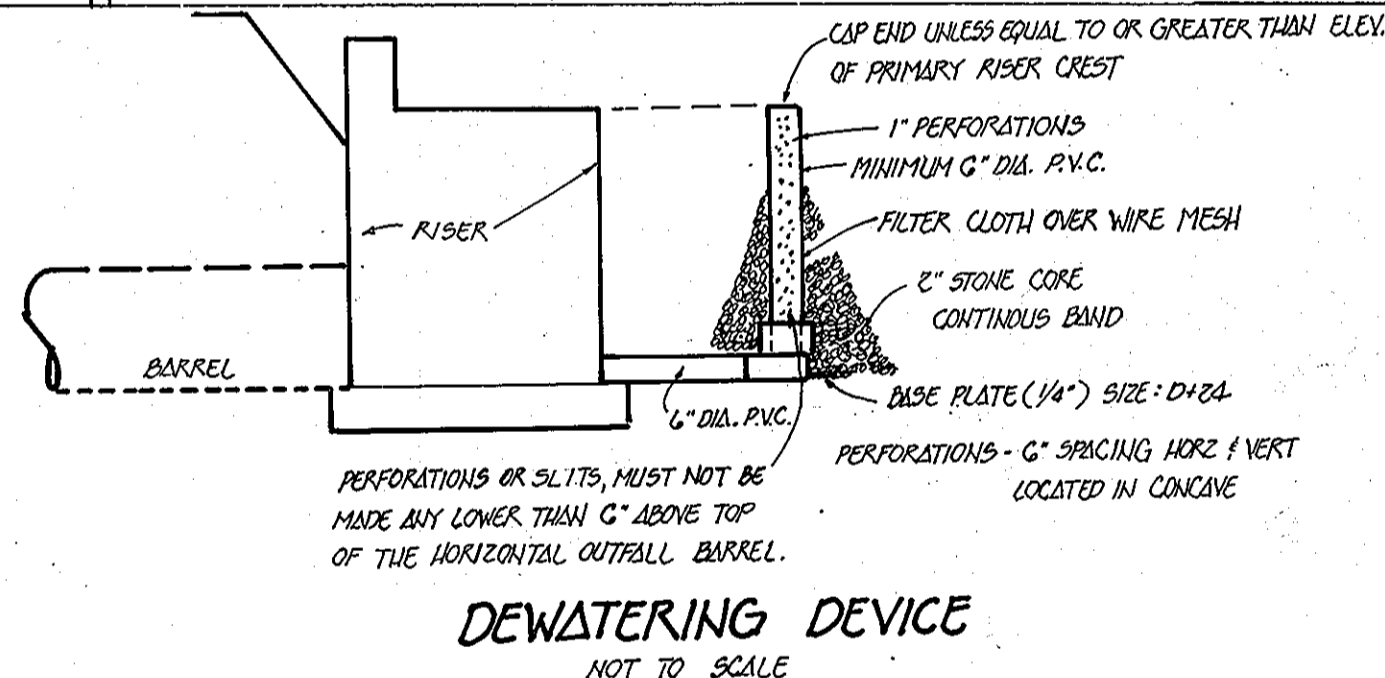
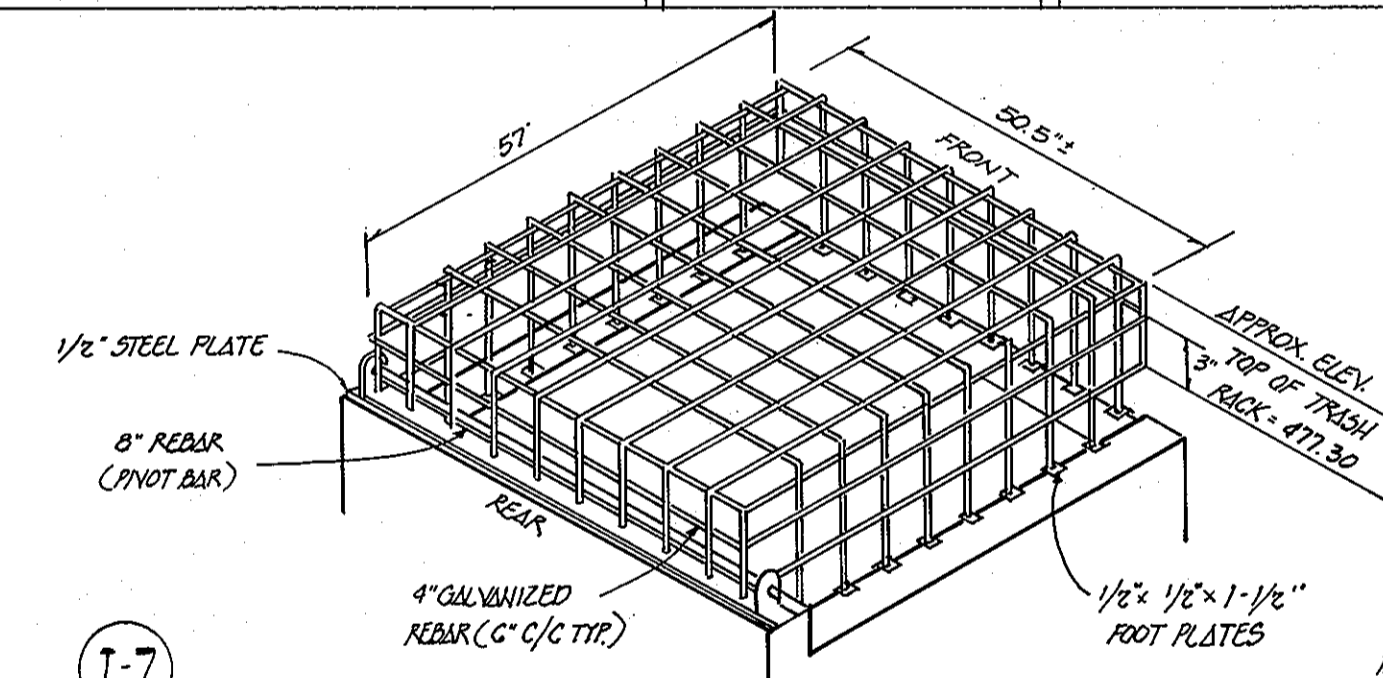
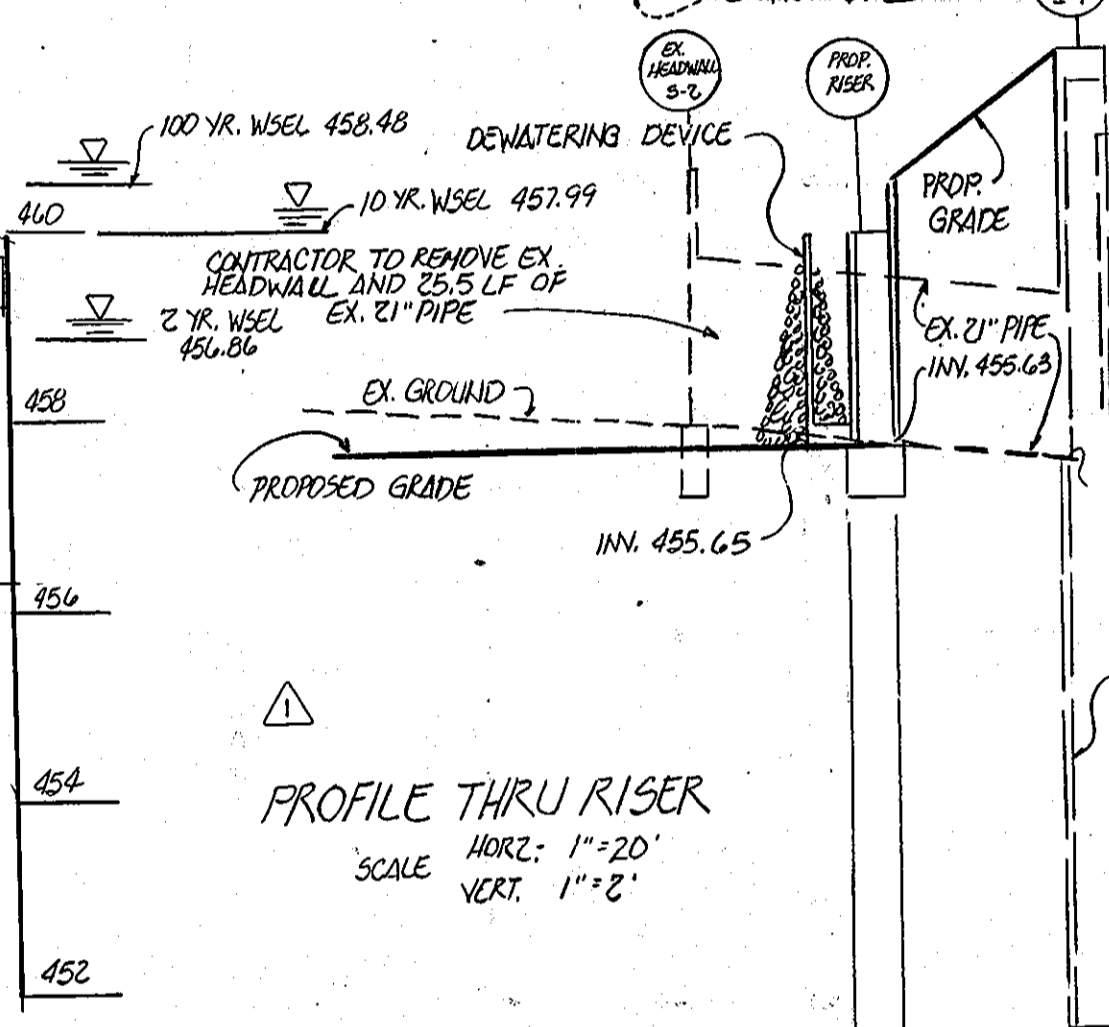
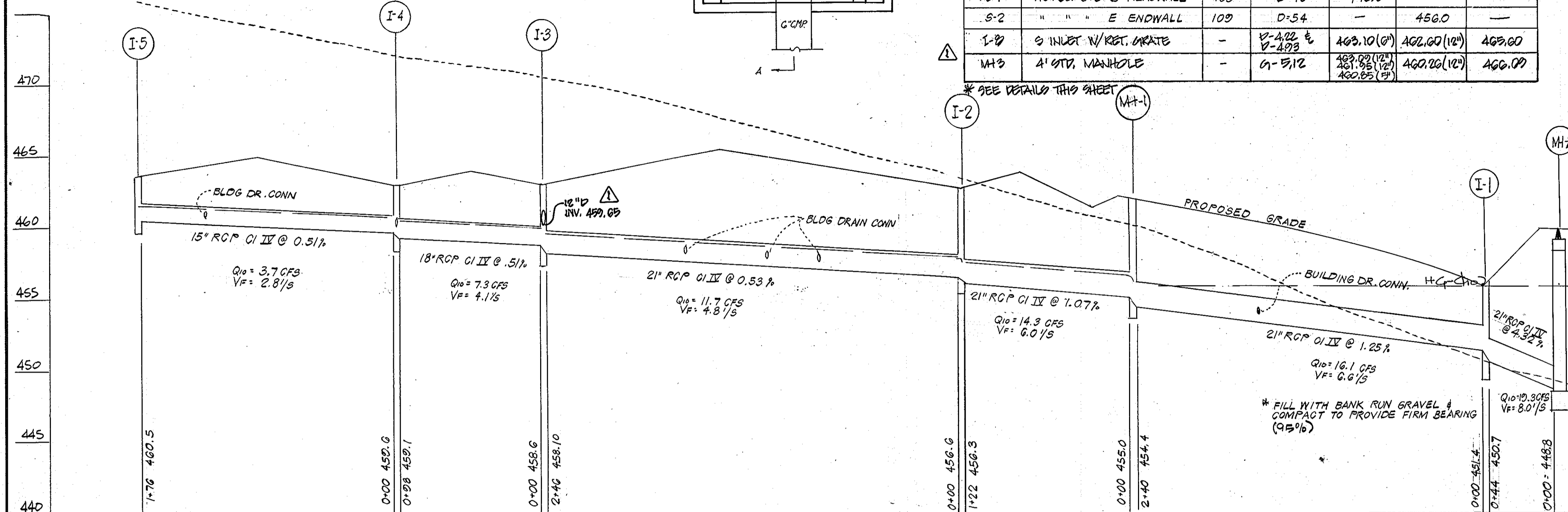
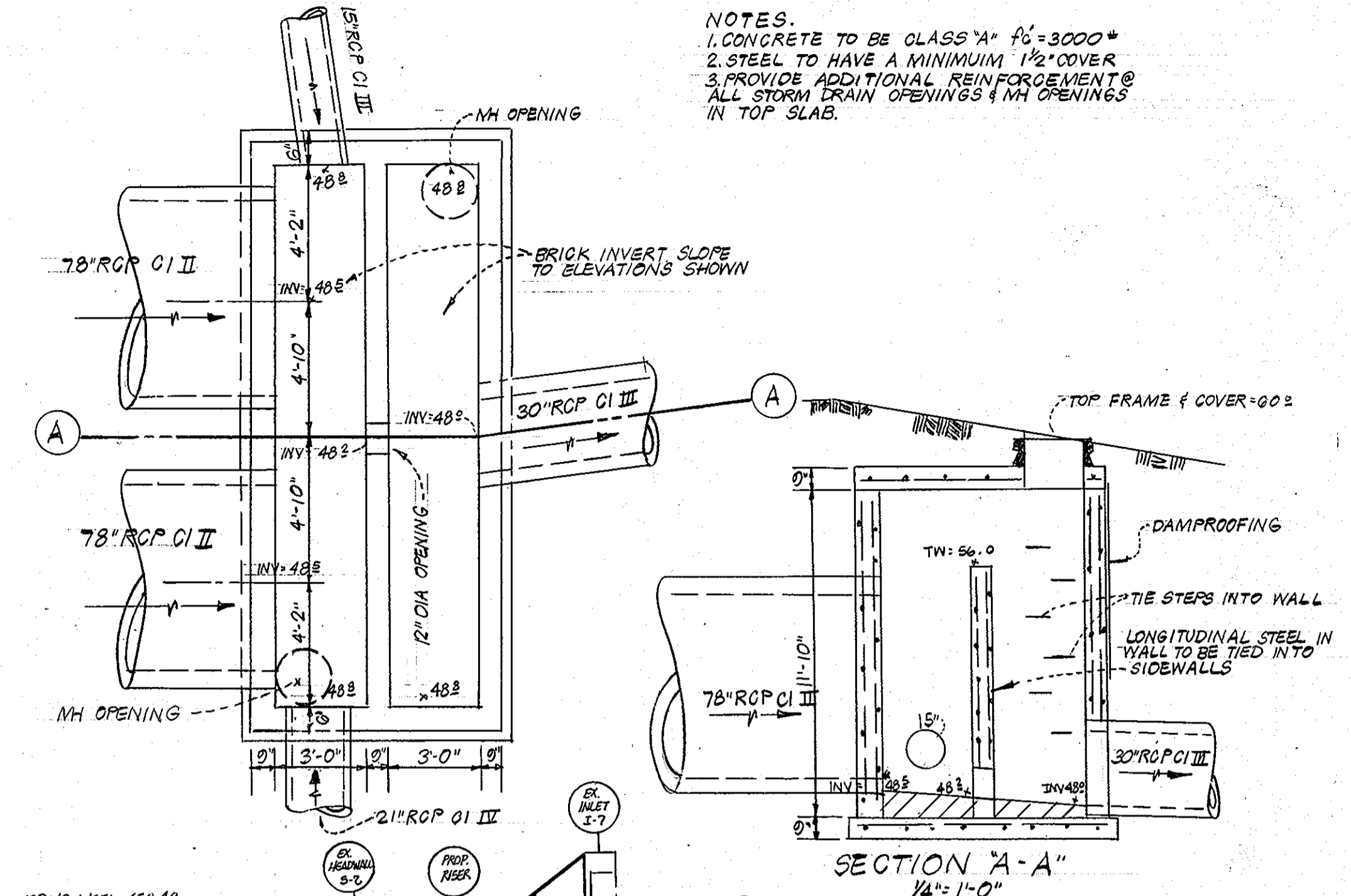


RISER DETAIL
NOT TO SCALE



STRUCTURE SCHEDULE						
NO	TYPE	PAGE NO	DRAW NO	INV. IN	INV. OUT	TOP
I-1	HO. CO. STD 3\"/>					

STRUCTURE M4-2
PLAN BELOW SLAB
1/4\"/>



Owners Name: HOWARD COUNTY PUBLIC SCHOOLS
Address: 8045 ROUTE 32, COLUMBIA, MARYLAND 21044
Telephone No: 301-531-5744

Reviewed for Howard SCD and meets technical requirements
Eric W. Herman 1/31/77
U.S. SOIL CONSERVATION SERVICE

This development plan is approved for soil erosion and sediment control by The Howard Soil Conservation District
APPROVED *Robert W. Johnson* 1-31-77
HOWARD S.C.D. CHM

APPROVED: For private water & private sewerage systems
Howard County Health Department
James M. Ford 2-1-77
COUNTY HEALTH OFFICER

APPROVED: Howard County Office of Planning and Zoning
Thomas G. Haney 2-14-77
PLANNING DIRECTOR

APPROVED: For storm drainage systems and roads. Howard County Department of Public Works
P. J. Baggett 2-3-77
DIRECTOR

Franklin W. Beveland 2/2/77
CHIEF BUREAU OF HIGHWAYS

SEYBOLT, GORE, NEWQUIST & BERLINSKY
CIVIL ENGINEERS & LAND SURVEYORS
1111 BONIFANT STREET
SILVER SPRING, MARYLAND

CLARKSVILLE MIDDLE SCHOOL
CLARKSVILLE ELECTION DISTRICT NO 5
HOWARD COUNTY, MD.

STORM DRAIN PROFILES
DATE: AUGUST, 13, 1976
SCALE: 1\"/>

WALTON-MADDEN-COOPER
1001 RIVERDALE ROAD
RIVERDALE MARYLAND 20840
DRAWING NO: 2 OF 5
10-1-76

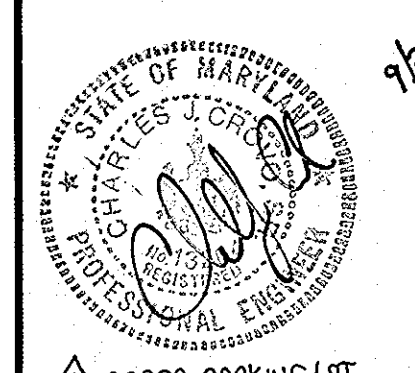
SEDIMENT TRAP

DRAINAGE AREA = 2.25 AC.
 STORAGE REQUIRED = 150 CU YDS
 STORAGE PROVIDED = 150 CU YDS
 BOTTOM ELEVATION = 456.63
 DEPTH = 1.53
 CLEANOUT ELEVATION = 456.40
 LOW FLOW ORifice = 455.63

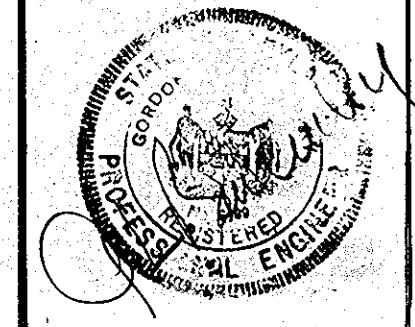
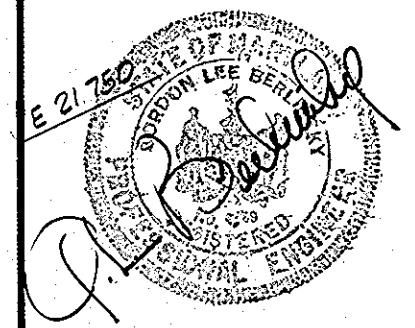
CONSTRUCTION SEQUENCE FOR STORM DRAIN CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. NOTIFY UTILITIES AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7111. NOTIFY THE HOWARD COUNTY OFFICE OF CONSTRUCTION INSPECTION AT 410-313-1990 24 HOURS BEFORE STARTING WORK.
3. CONSTRUCT STORM DRAIN SYSTEM AND INSTALL AT GRADE INLET PROTECTION AT ALL INLETS (2' WOOD).
4. FINE GRADE DISTURBED AREAS AND STABILIZE WITH PERMANENT SEEDING.
5. NOTIFY HOWARD COUNTY OFFICE OF CONSTRUCTION INSPECTION FOR PERMISSION TO REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE AREAS WITH PERMANENT SEEDING.

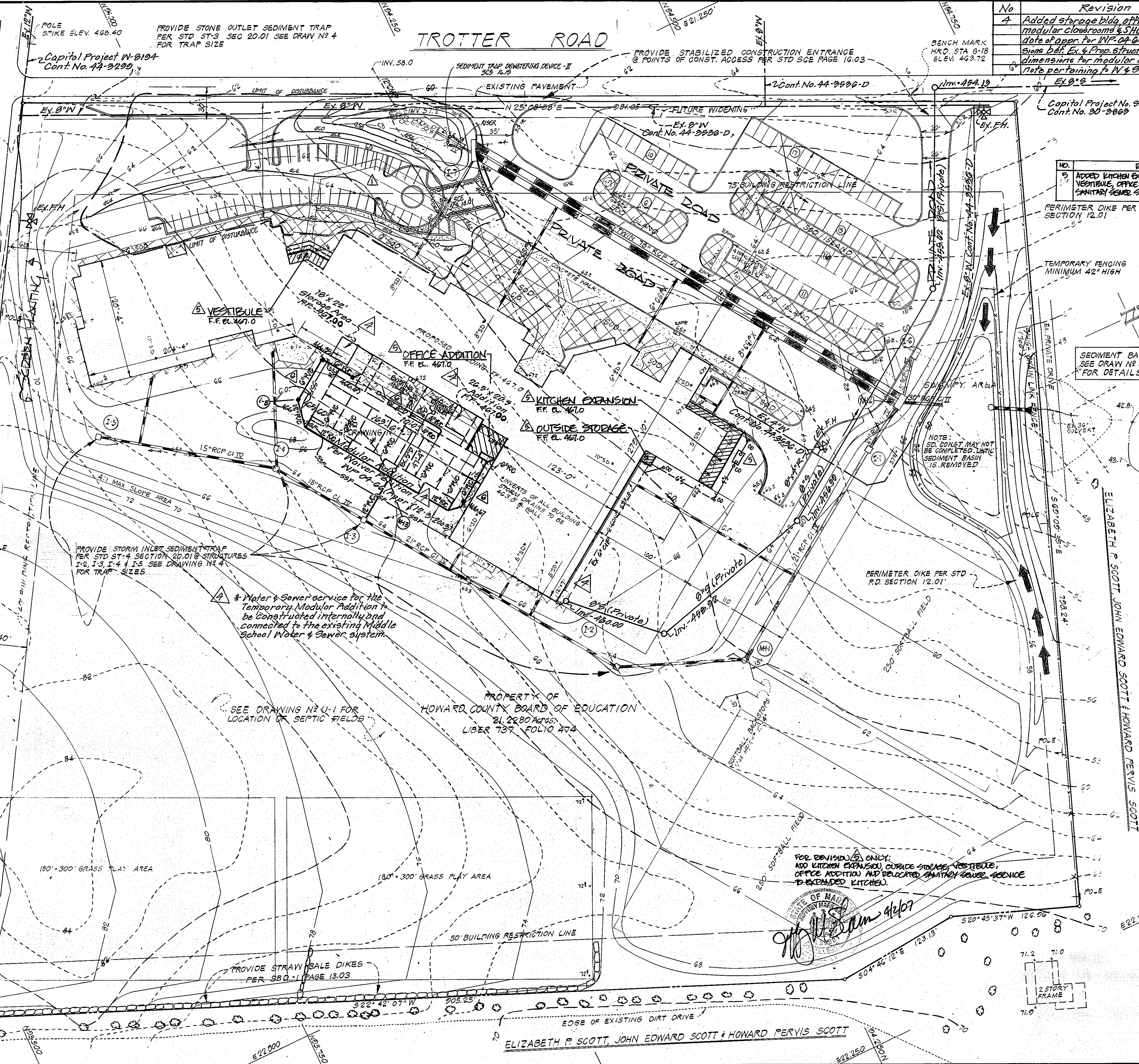
TRIGGER ROAD WIDENING
 ADDED PARKING AND ABANDONED PARKING LOT ENTRANCE



ADDED PARKING LOT AND SWIM.



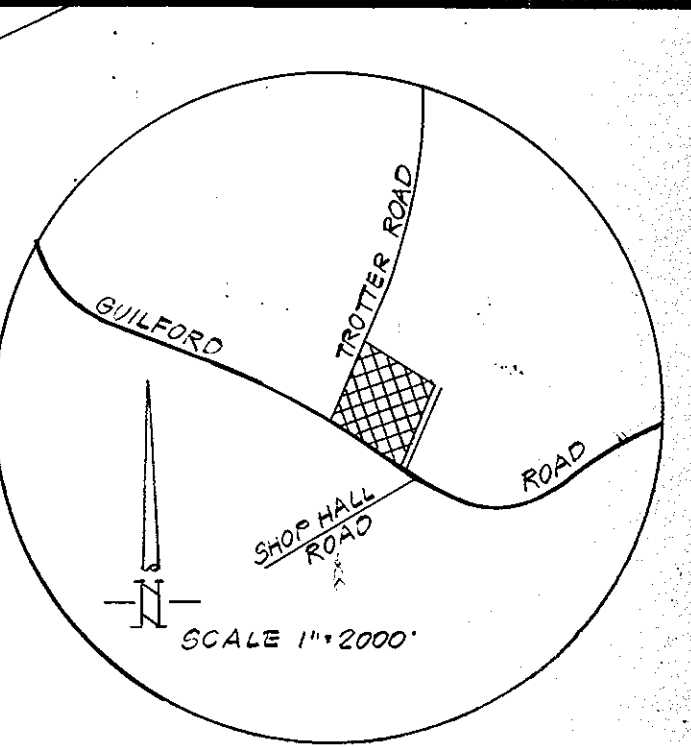
GUILFORD ROAD (MARYLAND ROUTE 32)



No	Revision	Date
4	Added storage bldg, office add, Temp modular classrooms & SHC to Middle School	12-12-76
	Date of app. for IMP. of 60' added dimensions bet. Ex. & Prop. structures & internal dimensions for modular classrooms & Note pertaining to W & S service	

Capital Project No. 9-6229
 Cont. No. 30-2069

NO.	REVISION	DATE
5	ADDED KITCHEN EXPANSION, OUTSIDE STORAGE, VESTIBULE, OFFICE ADDITION AND RELOCATED SANITARY SEWER SERVICE TO EXPANDED KITCHEN	4/21/77



SITE TABULATION

AREA	21,228.0 AC.
ZONING	R-40
PARKING REQUIRED (80 OF EP REQUIREMENT)	17 BUSES
PARKING PROVIDED	75 CARS
	79 CARS
	(4 HANDICAP)

LEGEND

EXISTING TOPOGRAPHY	--- 50
PROPOSED TOPOGRAPHY	--- 50
SPOT ELEVATIONS	+ 56.2
EX. STORM DRAINAGE	--- EX 12"
PROP. STORM DRAINAGE	--- 15" RCP CITY
PROP. CONCRETE WALKS	--- STRUCTURE
PROP. CURB & GUTTER	--- STRUCTURE
PROP. BIT. CONC. PAVING	--- STRUCTURE
EXIST "	--- STRUCTURE
PROPOSED SOD AREA	--- X X X X

ENGINEERS CERTIFICATION
 I hereby certify that this plan for erosion & sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of The Howard Soil Conservation District.

Gordon L. Berlinsky 1/7/77
 GORDON L. BERLINSKY DATE
 DEVELOPERS CERTIFICATION

I certify that all development and/or construction will be done according to this plan of development & plan for erosion & sediment control and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary.

Donald J. Boopery 1/24/77
 DONALD J. BOOPERY DATE
 DEVELOPER

Owners Name: HOWARD COUNTY PUBLIC SCHOOLS
 Address: 8045 ROUTE 32 COLUMBIA, MD. 21044
 Telephone No: 301-531-5744

Reviewed for Howard SCD and meets technical requirements
Eric H. Lerman 1/31/77
 ERIC H. LERMAN DATE
 U.S. SOIL CONSERVATION SERVICE

This development plan is approved for soil erosion and sediment control by The Howard Soil Conservation District
 APPROVED *Robert W. Jackson* 1-31-77
 ROBERT W. JACKSON DATE
 HOWARD SCD, JDDM

APPROVED: For private water & private sewerage systems
 Howard County Health Department
James M. Bondas 2-1-77
 JAMES M. BONDAS DATE
 COUNTY HEALTH OFFICER

APPROVED: Howard County Office of Planning and Zoning
William M. Hays 2-2-77
 WILLIAM M. HAYS DATE
 PLANNING DIRECTOR
 CHIEF DIV. OF LAND DEV.

APPROVED: For storm drainage systems and roads Howard County Department of Public Works
P. J. Ross 2/2/77
 P. J. ROSS DATE
 DIRECTOR
 CHIEF BUREAU OF HIGHWAYS

SEYBOLT, GORE, NEWQUIST & BERLINSKY
 CIVIL ENGINEERS & LAND SURVEYORS
 1111 BONIFANT STREET
 SILVER SPRING, MARYLAND

CLARKSVILLE MIDDLE SCHOOL
 CLARKSVILLE ELECTION DISTRICT NO. 5
 HOWARD COUNTY, MD.
 LIBER 737 FOLIO 474 TAX MAP NO. 35

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 1-10-77

NO.	REVISION	DATE
6	ADDED STORM DRAIN PIPES TO DOWNSPOUTS	2/4/77

SEDIMENT CONTROL PLAN DATE: AUGUST 13, 1976

SCALE: 1"=50'

WALTON-MADDEN-COOPER
 1801 RIVERDALE ROAD
 RIVERDALE, MARYLAND
 20840

DRAWING NO. 3 OF 5 10-1-76 SDP-77-19

SITE ANALYSIS

Total area of site	21.2 ac.
Total disturbed area	21.0 ac.
Total area of roofs & pavement	4.5 ac.
Total stabilized area	16.5 ac.

CONSTRUCTION SEQUENCE

1. Construction of sediment basin, perimeter dikes, stabilized construction entrance & straw bale barrier as shown on these plans.
 2. Total area grading.
 3. Construct storm drainage & septic system.
 4. Construct traps & storm drains as shown.
 5. Permanent stabilization of fields.
 6. Construct curbs & gutters & paving.
 7. Removal of Basin & other controls.
 8. Complete stabilization & plantings around building.
- *Note: Building construction may begin during item No 2.
*Obtain a grading permit prior to any grading and/or clearing on the site.

STABILIZATION NOTES

- SOODING:**
1. Apply 10-10-10 fertilizer @ 1000 #/ac. (25 #/1000 #)
 2. Apply ground agricultural limestone @ 2000 #/ac. (50 #/1000 #)
 3. Incorporate both fertilizer & lime into soil by disking to a minimum depth of 3" firm up after incorporation.
 4. Lay sod to a tight fit. Roll to insure contact with underlying soil. Water as necessary for 1st 2 weeks (in summer) to insure establishment.

PERMANENT SEEDING.

1. Prepare ground as in 1-3 above.
2. Apply seed mixture (marion kentucky bluegrass or common kentucky bluegrass) @ rate of 40 #/ac.
3. Mulch all seeded areas at the rate of 1 1/2 tons/ac.
4. Anchor immediately after placement by use of mulch anchoring tool or liquid binder applied @ the rate of 200 gal./ac.

TEMPORARY SEEDING (Sediment basin & dikes)

1. Apply 10-20-10 fertilizer at the rate of 600 #/ac.
2. Apply Italian rye grass @ 40 #/ac.
3. Mulch as above.

PLANTING SEASON

1. Optimum seeding limits March 15 - May 1 & Aug. 15 - Sept 30
 2. Outside allowable limits (with approval of architect) March 1 - May 30 & Aug 1 - Oct 15
 3. Sod may be laid in these limits other times must be approved by architect
- Note: Topsoil shall be tested to determine amounts of Lime & fertilizer required. The above rates are minimum applications. See specs. for additional fertilization & weed control applications.

SEQUENCE OF CONSTRUCTION

- * FOR REVISION NUMBER - 1 ONLY
1. Obtain grading permit.
 2. Install sediment and erosion control devices.
 3. Clear and grub site.
 4. Install temporary seeding.
 5. Grade parking lot to subgrade.
 6. Install base course paving, curb's gutter and sidewalk.
 7. Construct riser and trash rack.
 8. Fine grade site and install permanent seeding.
 9. Install dewatering device.
 10. Install tack coat and finish base course.
 11. Remove erosion and sediment control devices as permission is granted by E/S inspector.

GENERAL SEDIMENT CONTROL NOTES

1. The contractor shall obtain & maintain on the job site a copy of "Standards & Specifications for Soil Erosion & Sediment Control in Developing Areas". All construction shall be performed in strict accordance with the plans & above specifications.
2. Sediment Basin shall be installed & stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site.
3. Sediment traps shown shall be constructed immediately after the construction of all storm drainage.
4. Control measures are to remain in place until permission for their removal has been obtained from the Howard Soil Conservation District (465-5000 ext. 328 or 465-3100)
5. Notify the Howard Soil Conservation District at the above numbers 24 hours in advance of starting work.
6. The amount of excavation & fill as shown on these plans has been computed to be 50,000 cubic yards of excavation & 80,000 cubic yards of fill.
7. Approval of this plan is conditional upon the Approval of a sediment control plan for the off-site waste or borrow areas prior to the import of any borrow or the export of all waste to or from this site.
8. Mywood shall be placed over the end of any incomplete storm drain at the end of each working day.

DEVELOPERS CERTIFICATION

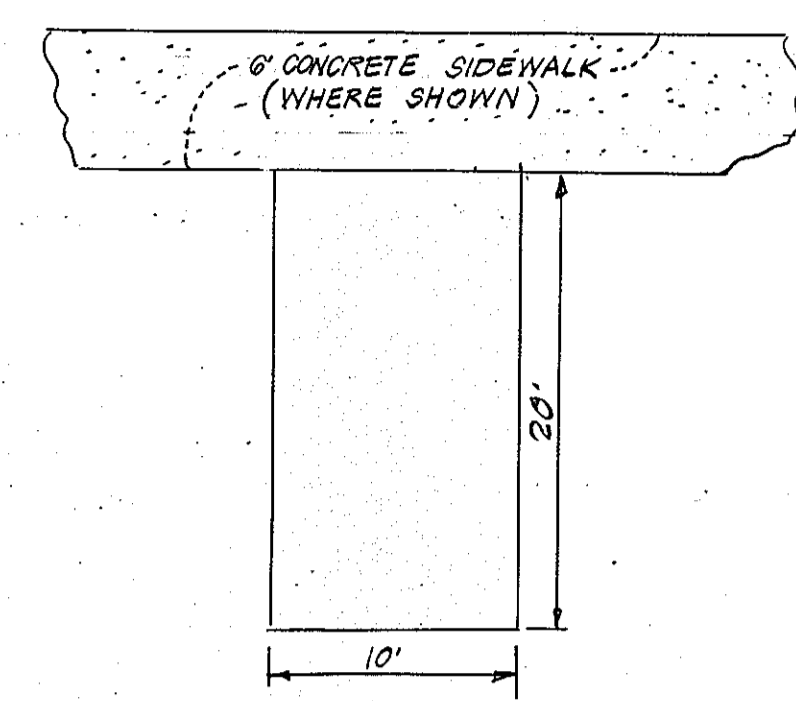
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as deemed necessary.

Donald J. Begany 1/24/77
Developer Date

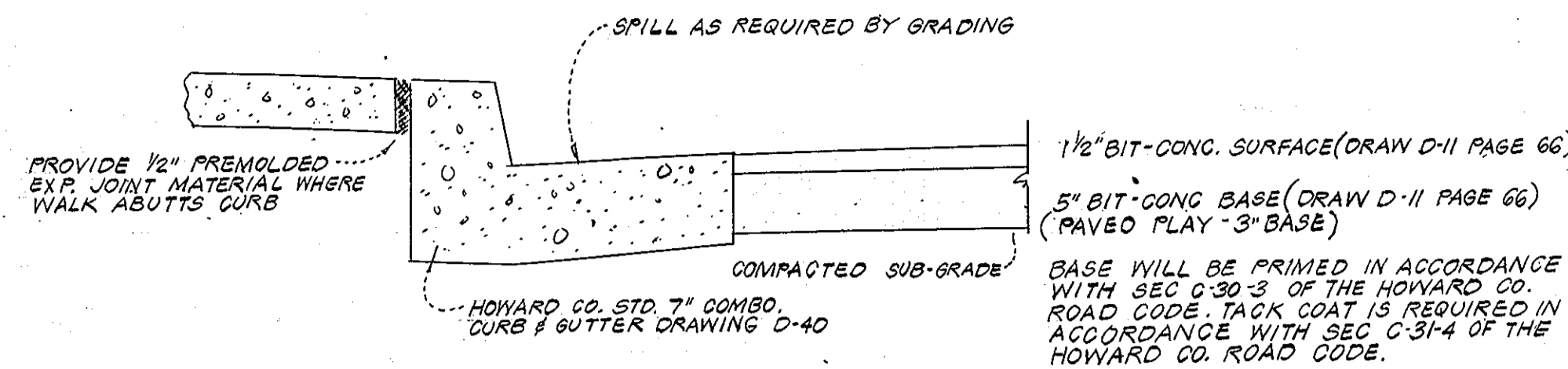
ENGINEERS CERTIFICATION

I certify that this plan for erosion & sediment control represents a practical and workable plan based on my personal knowledge of the site conditions, and that it was prepared in accordance with the requirements of the Howard Soil Conservation District

Gordon L. Berlinsky 1/17/77
Date



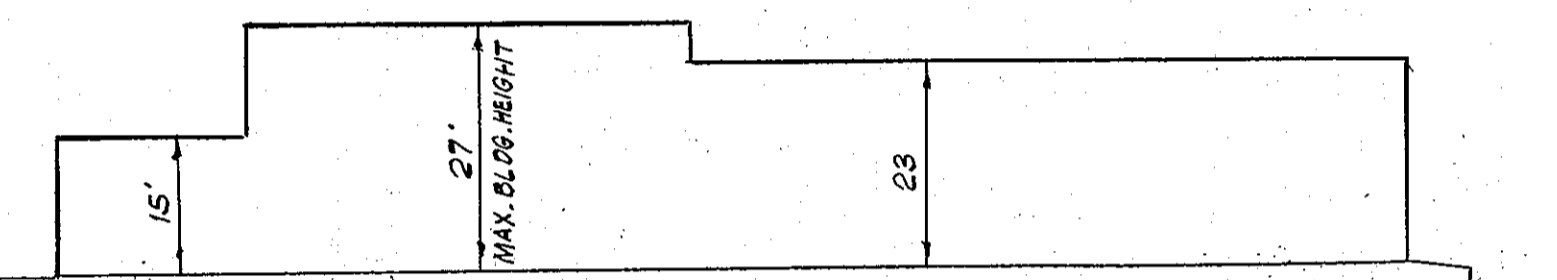
TYPICAL PARKING STALL
NO SCALE



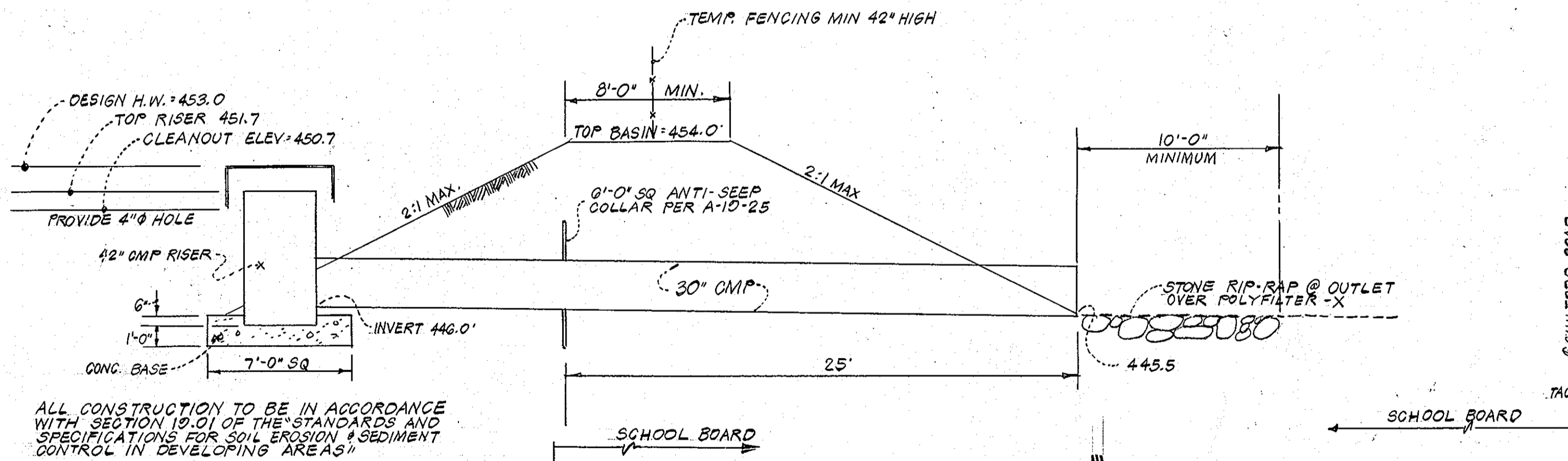
STREET & CURB & GUTTER SECTION
(NO SCALE)

1. Paving section for driveways, parking spaces & play areas shown above
2. All materials & construction shall be in accordance with Howard County Road Construction Code.

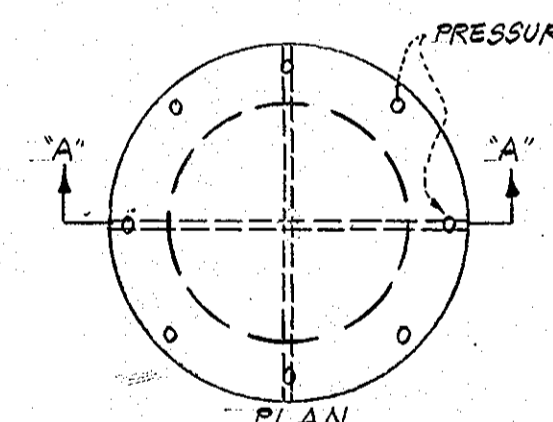
SEDIMENT TRAP COMPLETION						
LOCATION	TYPE	DRAINAGE AREA	VOL. REQ'D	SIZE	VOL. PROV.	CLEANOUT DEPTH
I-2	ST-4	1.7 AC	114 CY	40' x 40' x 2'	118 CY	1'
I-3	ST-4	1.0 "	127 CY	40' x 45' x 2'	133 CY	1'
I-4	ST-4	1.5 "	100 CY	40' x 40' x 2'	118 CY	1.5'
I-5	ST-4	1.2 "	80 CY	40' x 40' x 1.5	88 CY	1.5'
S-2	ST-3	1.0 AC	107 CY	60' x 25' x 2	111 CY	1'



SECTION THRU GYMNASIUM WING
NO SCALE



SECTION THRU SEDIMENT BASIN
NO SCALE

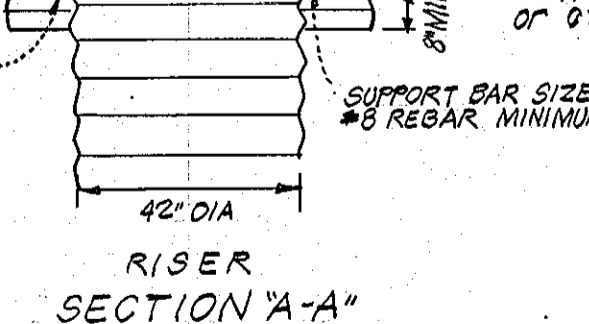


Top is 12 gage corrugated metal or 1/8" steel plate. Pressure relief holes may be omitted, if ends of corrugations are left fully open when corrugated top is welded to cylinder.

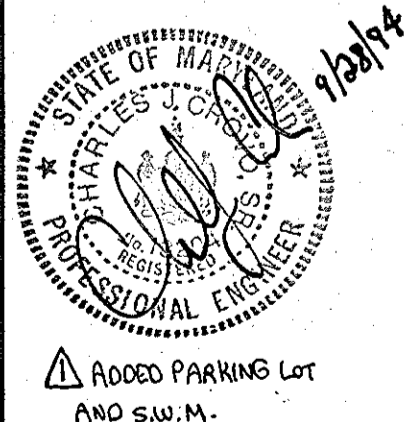
Cylinder is 14 gage corrugated metal pipe or fabricated from 1/8" steel plate

NOTES:

1. The cylinder must be firmly fastened to the top of the riser
2. Support bars are welded to the top of the riser or attached by straps bolted to the top of the riser.



CONCENTRIC TRASH RACK & ANTI VORTEX DEVICE
(NOT TO SCALE)



SEYBOLT, GORE, NEWQUIST & BERLINSKY
CIVIL ENGINEERS & LAND SURVEYORS
1111 BONIFANT STREET
SILVER SPRING, MARYLAND

CLARKSVILLE MIDDLE SCHOOL
CLARKSVILLE ELECTION DISTRICT NO. 5
HOWARD COUNTY, MD.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 1-10-77
fwm

Owners Name HOWARD COUNTY PUBLIC SCHOOLS
Address 8045 ROUTE 32
COLUMBIA MD 21044
Telephone No 301-531-5744

Reviewed for Howard SCD and meets technical requirements
Eric W. Larson 1/31/77
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

This development plan is approved for soil erosion and sediment control by the Howard Soil Conservation District
APPROVED *Robert W. Juhn* 1-31-77
HOWARD SCD, SPM DATE

APPROVED: For private water & private sewerage systems
Howard County Health Department

Joyce M. Andrews 2-1-77
COUNTY HEALTH OFFICER DATE

APPROVED: Howard County Office of Planning and Zoning
Thomas J. Harris 2-4-77
PLANNING DIRECTOR DATE

John W. Williams 2-2-77
CHIEF DIV. OF LAND DEV. DATE

APPROVED: For storm drainage systems and roads. Howard County Department of Public Works

P. J. Begany 2-3-77
DIRECTOR DATE

Spawville W. Keeland 2/2/77
CHIEF BUREAU OF HIGHWAYS DATE

DATE - AUGUST 13, 1976

SCALE 1"=50'

WALTON-MADDEN-COOPER
1601 RIVERDALE ROAD
RIVERDALE, MARYLAND
20840

DRAWING NO

4 OF 5

10-1-76

SDP-77-19

