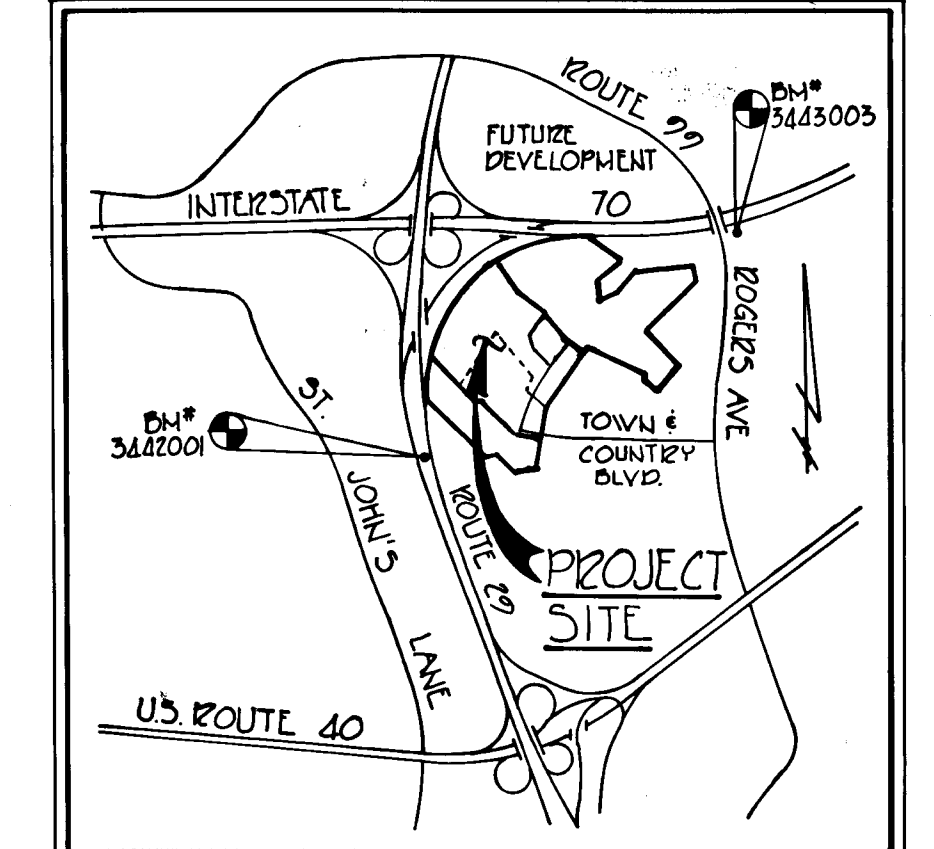
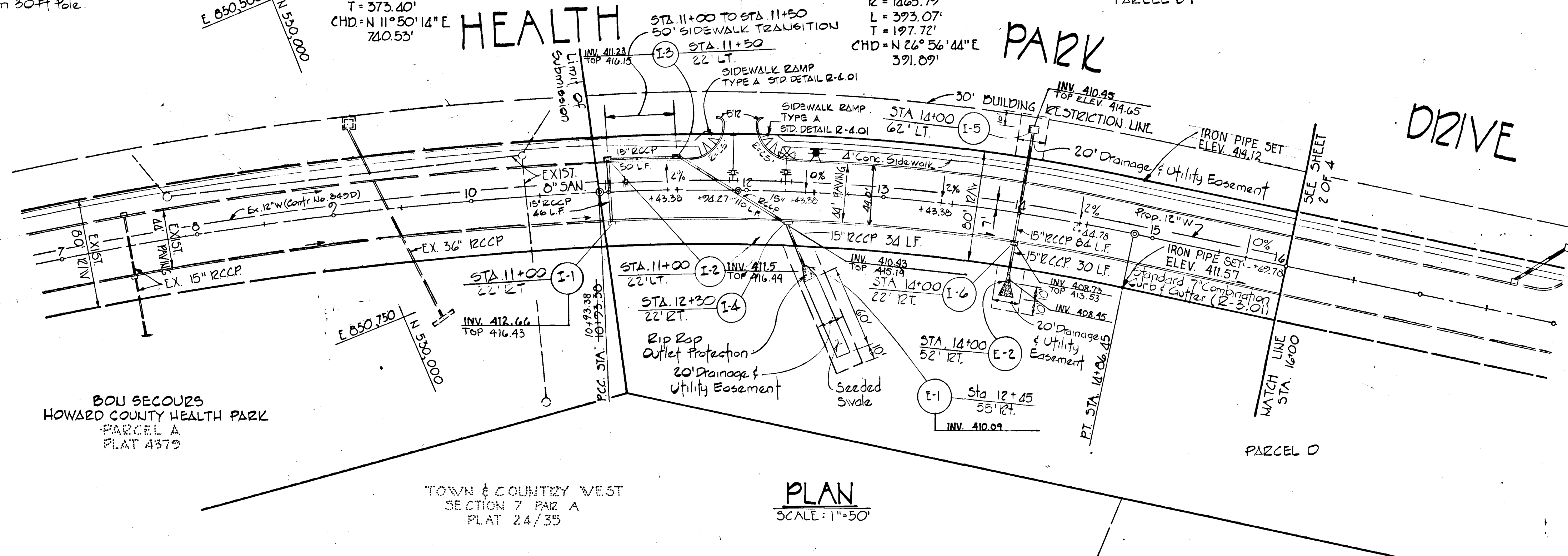


BON SECOURS HOWARD CO. HEALTH PARK

± CURVE DATA
 PC STA = 3+50.77
 PCC STA = 10+93.38
 Δ = 14° 51' 08"
 R = 2864.79'
 L = 742.61'
 T = 373.40'
 CHD = N 11° 50' 14" E
 740.53'

± CURVE DATA
 PCC STA = 10+93.38
 PT. STA = 14+06.45
 Δ = 15° 21' 52"
 R = 1465.79'
 L = 393.07'
 T = 197.72'
 CHD = N 26° 56' 44" E
 391.09'

⊗ Indicates Location of Roadway Lighting
 3-250 w Luminaires On 30 FT Pole.

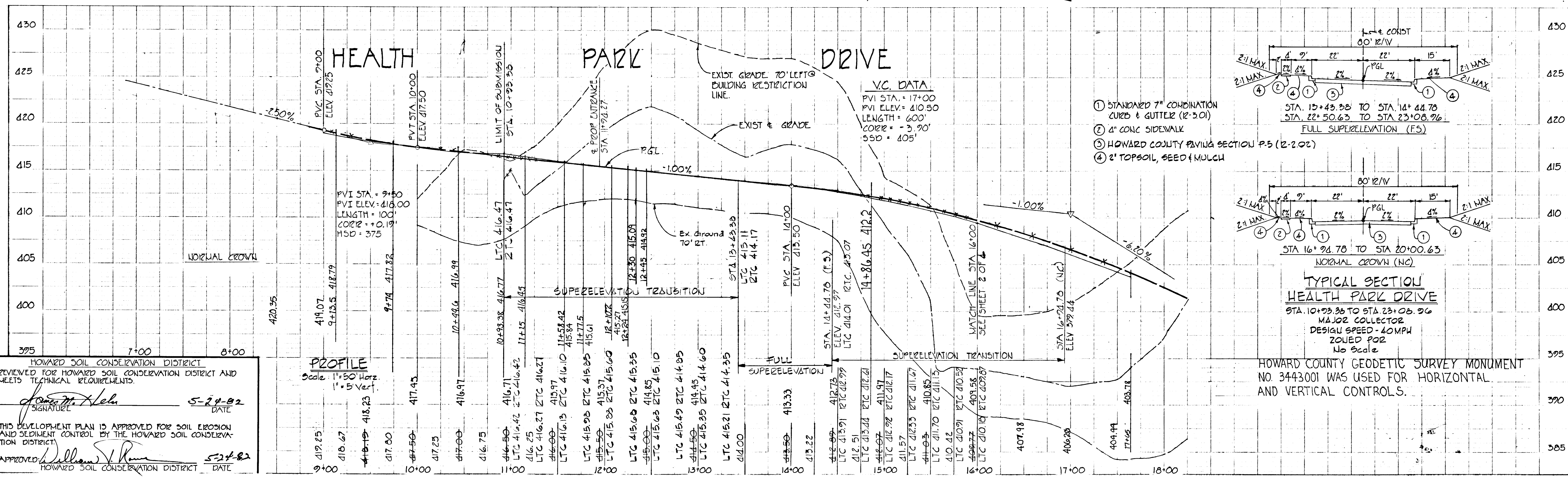


VICINITY MAP
 SCALE: 1" = 2640'

GENERAL NOTES

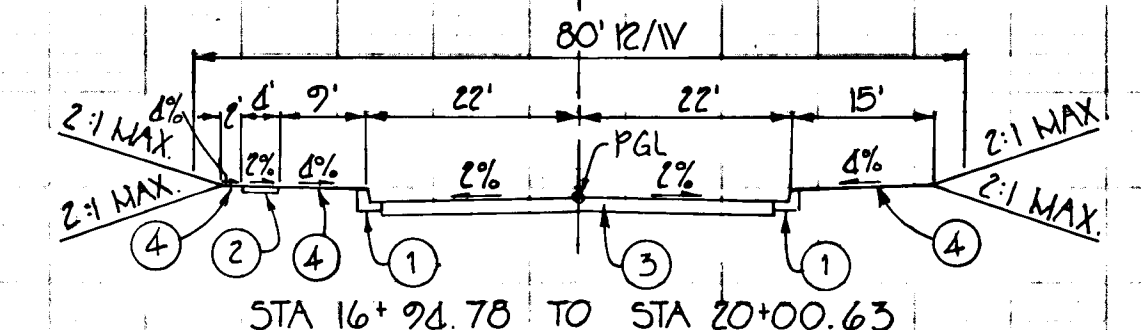
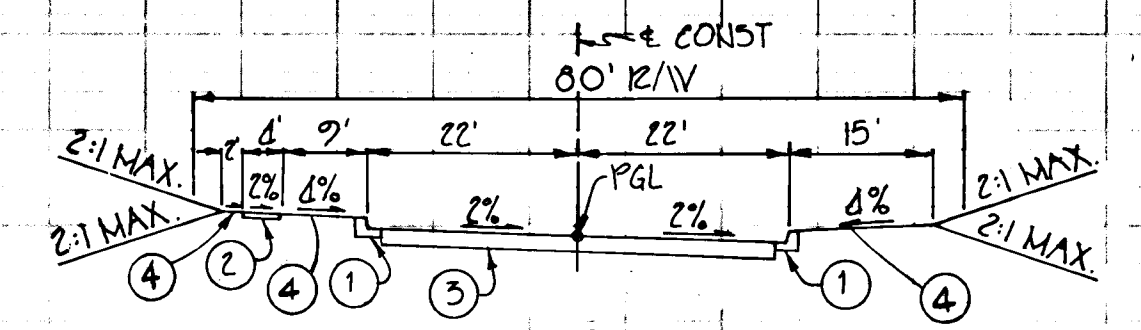
- CONSTRUCTION SHOWN HEREON SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS.
- PAGE AND DRAWING NO.'S REFERENCED HEREON ARE TAKEN FROM THE "STANDARD SPECIFICATIONS AND DETAILS."
- ELEVATIONS SHOWN HEREON ARE BASED ON THE HOWARD COUNTY VERTICAL CONTROL DATUM.
- SEE SHEET 4 OF 4 FOR SEDIMENT CONTROL PLAN AND DETAILS.
- DESIGN SPEED = 40 MPH - MAJOR COLLECTOR
- SUPERELEVATION ... RC (0.02), TANGENT RULOUT - 125', SUPERELEVATION RULOFF - 125' LT & RT TOP OF CURB
- STORMWATER MANAGEMENT 15 BEING PROVIDED ON PARCEL B-1 UNDER SDP 82-75.

PLAN
 SCALE: 1" = 50'



V.C. DATA
 PVI STA = 17+00
 PVI ELEV = 410.50
 LENGTH = 600'
 CORIR = -3.90'
 SSD = 405'

- STANDARD 7" COMBINATION CURB & GUTTER (R-3.01)
- 4" CONC SIDEWALK
- HOWARD COUNTY PAVING SECTION P-5 (R-2.02)
- 2" TOPSOIL, SEED & MULCH



TYPICAL SECTION
 HEALTH PARK DRIVE
 STA. 10+93.38 TO STA. 23+08.96
 MAJOR COLLECTOR
 DESIGN SPEED - 40MPH
 ZOLIED FOR
 No Scale

HOWARD COUNTY GEODETIC SURVEY MONUMENT NO. 3443001 WAS USED FOR HORIZONTAL AND VERTICAL CONTROLS.

HOWARD SOIL CONSERVATION DISTRICT REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 Signature: [Signature] DATE: 5-24-82
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature] DATE: 5-24-82
 HOWARD SOIL CONSERVATION DISTRICT

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

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE: 5-24-82
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DEVELOPER CERTIFICATION:
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION 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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DETERMINED NECESSARY.
 Signature: [Signature] DATE: 1/4/82

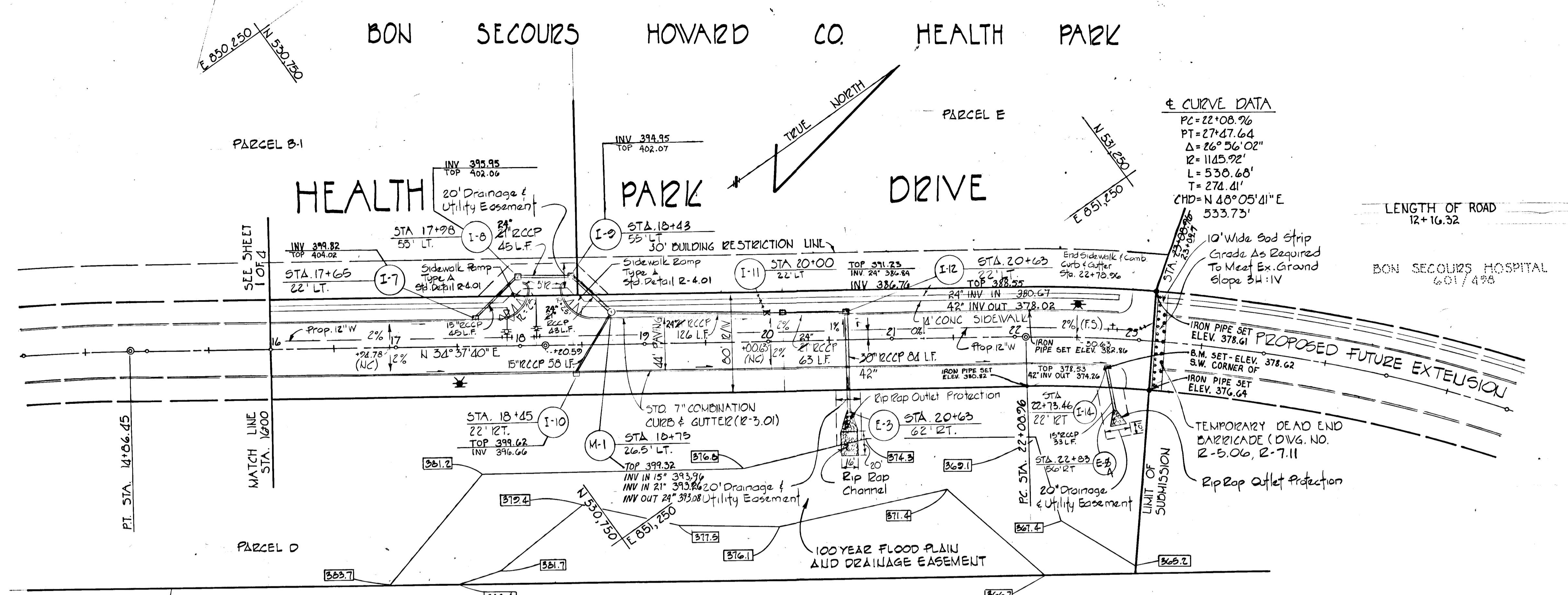
ENGINEERING CERTIFICATION:
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 Signature: [Signature] DATE: 1/4/82
 WILLIAM G. JESCHKE II



ROAD PLAN & PROFILE, TYPICAL SECTIONS
 BON SECOURS HOWARD COUNTY HEALTH PARK HEALTH PARK DRIVE
 STA. 8+03.05 TO STA. 23+08.96
 2ND ELECT. DIST. HOWARD CO., MARYLAND
 TAX MAP #17
 PARCELS: 666 & 800 DATE: 12/14/81

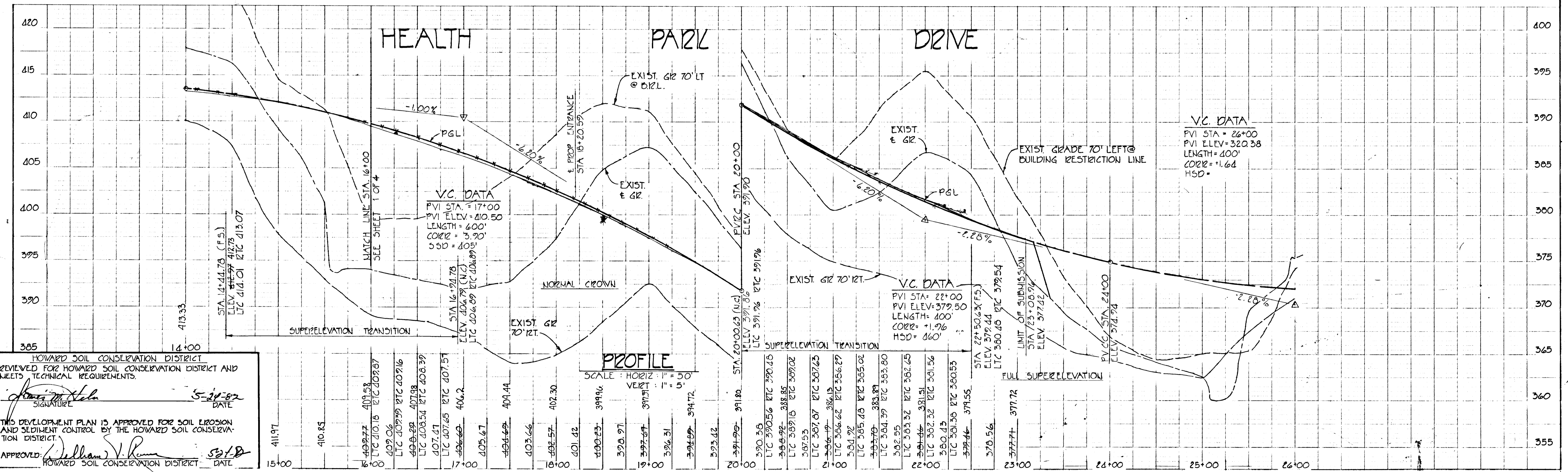
SHEET 1 OF 4
 DES: E.L.B.
 DRAWN: S.J.B.
 CHK: B.E.

FURDUM & JESCHKE CONSULTING ENGINEERS LAND SURVEYORS
 1023 North Calvert Street
 Baltimore, Maryland 21202 301/637-0184



TOWN & COUNTRY WEST
SECTION 7, PAR A
PLAT 24/35

MONUMENTAL PROPERTIES
INC.
PLAN
SCALE: 1"=50'



HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND
MEETS TECHNICAL REQUIREMENTS.
Signature
DATE: 5-28-82

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION
AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVA-
TION DISTRICT.
Signature
DATE: 5-21-82

APPROVED: HOWARD COUNTY DEPT OF
PUBLIC WORKS
Signature
DATE: 8-2-82

APPROVED: HOWARD COUNTY OFFICE OF PLAN-
NING AND ZONING
PLANNING DIRECTOR: *Signature*
DATE: 5-24-82

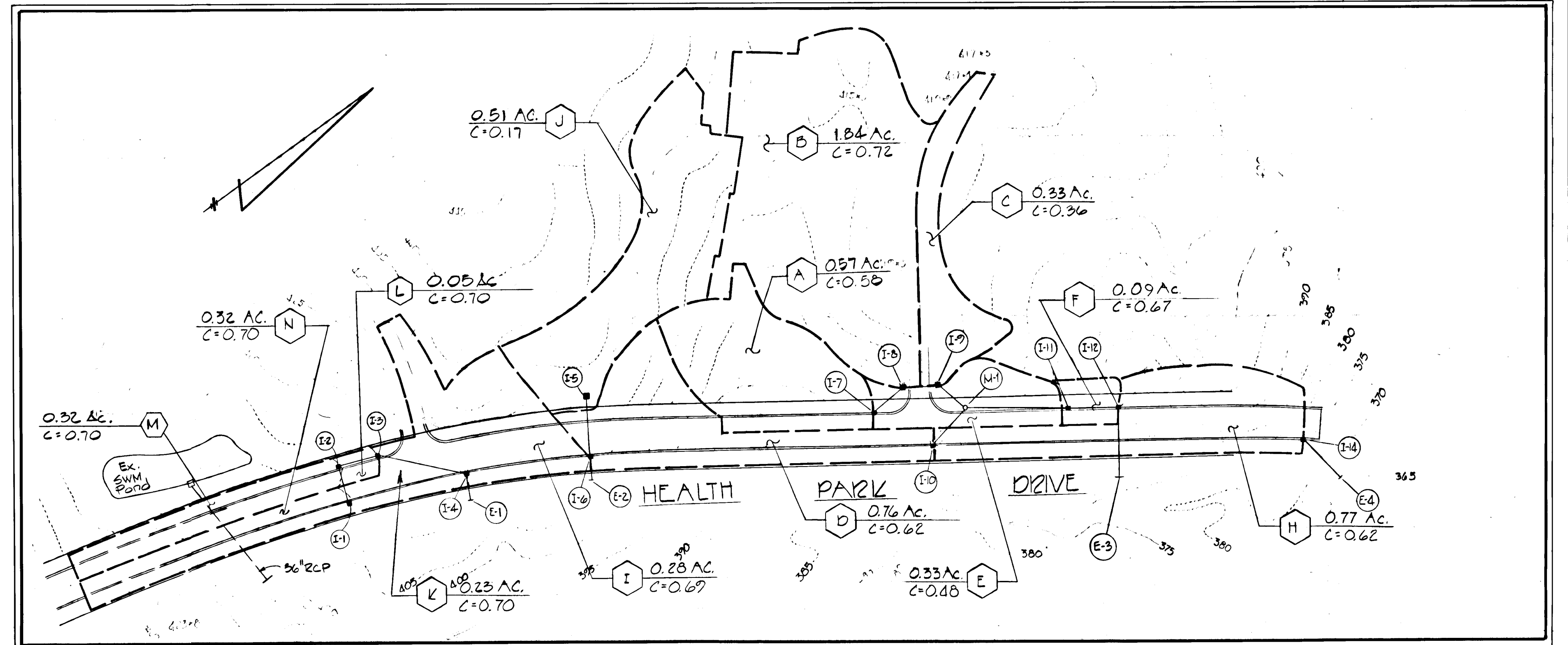
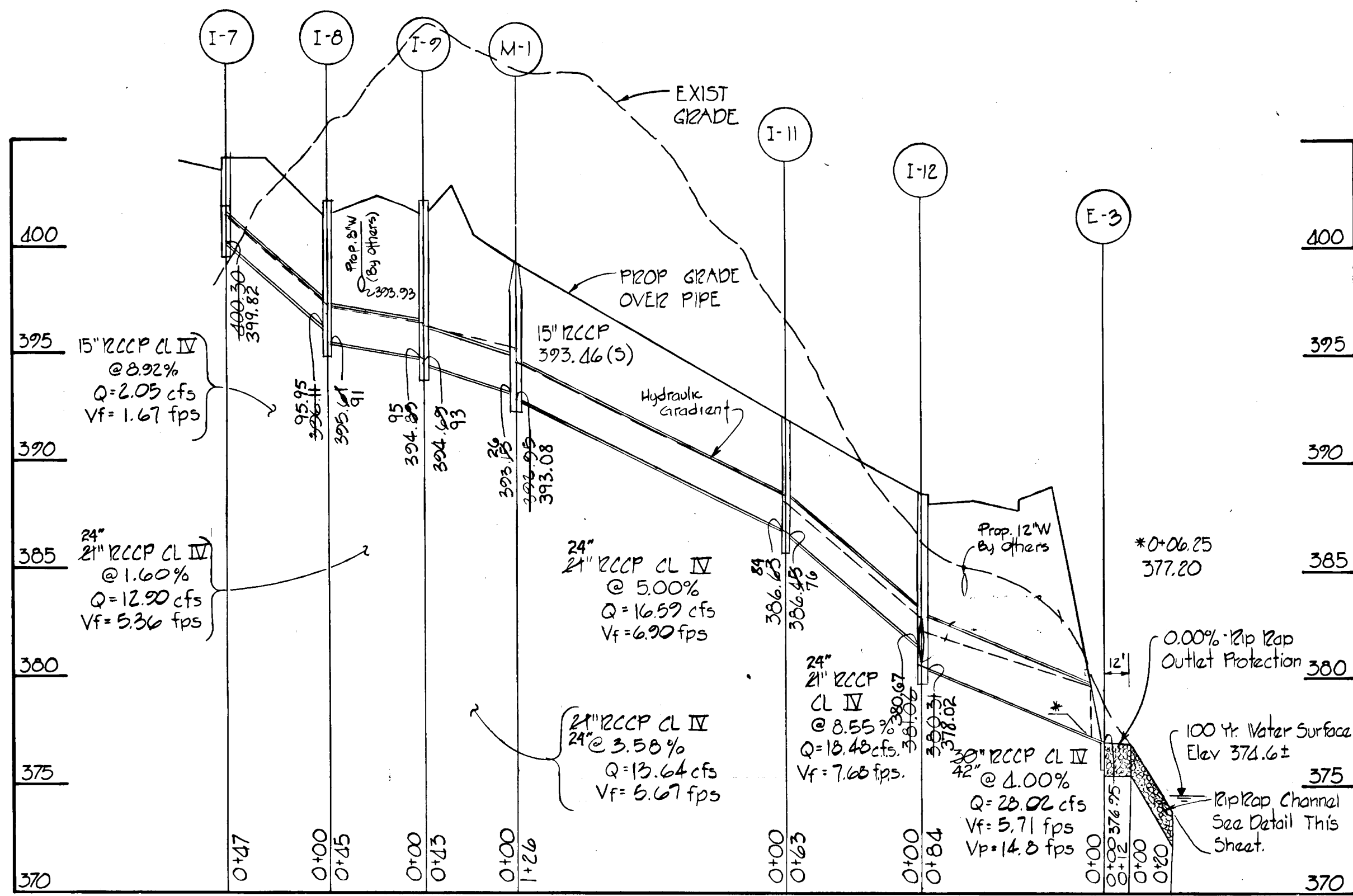
DEVELOPER'S CERTIFICATION:
I CERTIFY THAT ALL DEVELOPMENT AND/OR CON-
STRUCTION WILL BE DONE ACCORDING TO THIS PLAN
OF DEVELOPMENT, AND PLAN OF EROSION AND SEDI-
MENT CONTROL. I ALSO AUTHORIZE PERIODIC ON SITE
INSPECTION BY THE HOWARD SOIL CONSERVATION
DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED
NECESSARY.
Signature
DATE: 1/4/82

ENGINEERING CERTIFICATION:
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDI-
MENT CONTROL REPRESENTS A PRACTICAL AND WORK-
ABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF
THE SITE CONDITIONS AND THAT IT WAS PREPARED IN
ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD
SOIL CONSERVATION DISTRICT.
Signature
DATE: 1/14/82



ROAD PLAN & PROFILE
**BON SECOURS
HOWARD COUNTY HEALTH PARK
HEALTH PARK DRIVE**
STA. 8+85.05 TO STA. 23+00.96
2ND ELECT. DIST. HOWARD CO., MARYLAND
TAX MAP: 17 SCALE: 1"=100'
PARCELS: 666 & 80 DATE: 12/14/01

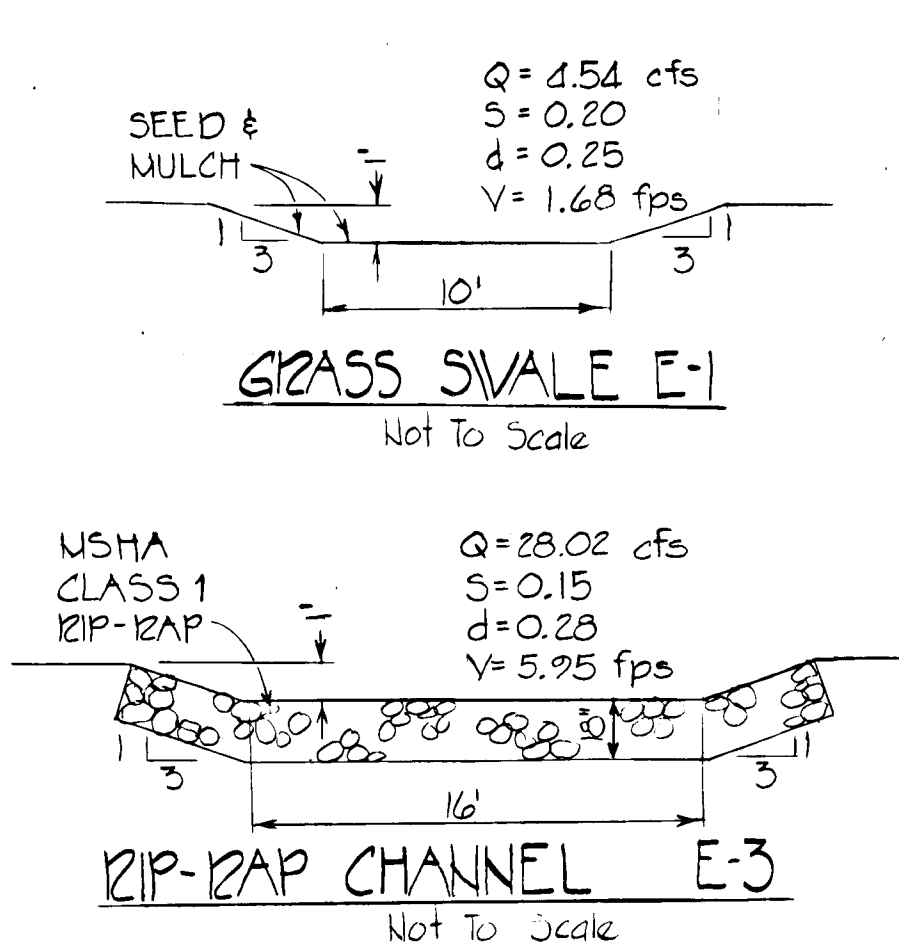
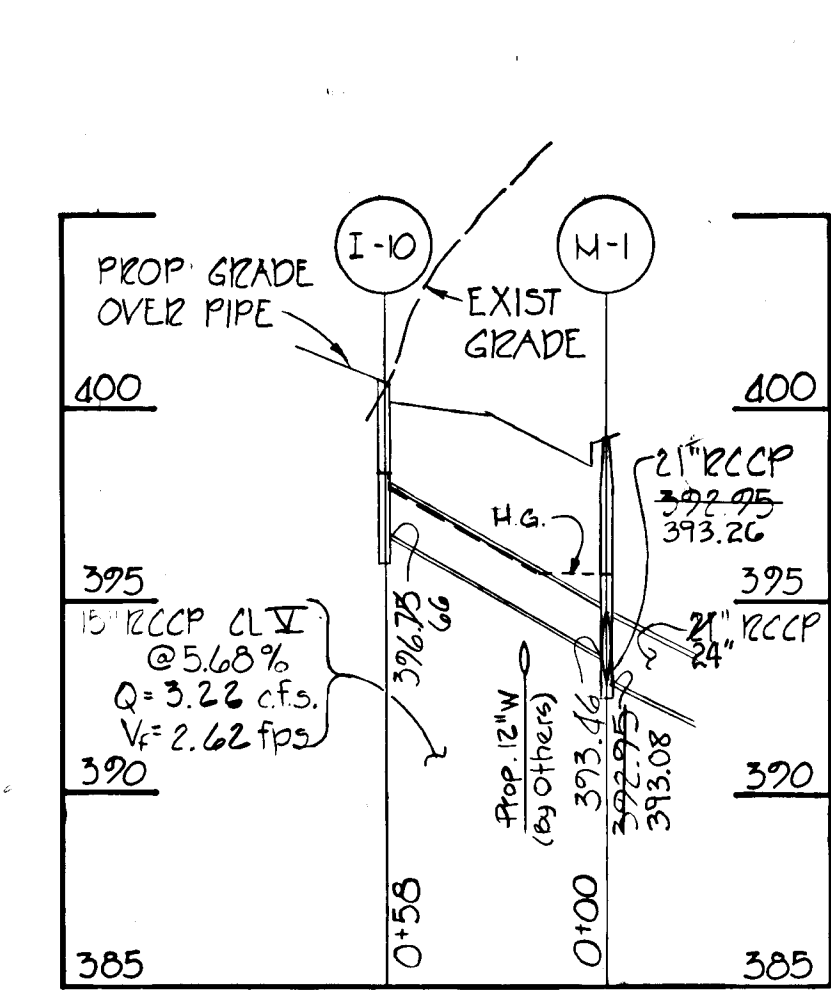
SHEET 2 OF 4
DES: E.L.B.
DRAWN: J.S.B.
CHK: B.E.
Revisions:
Removed I-15



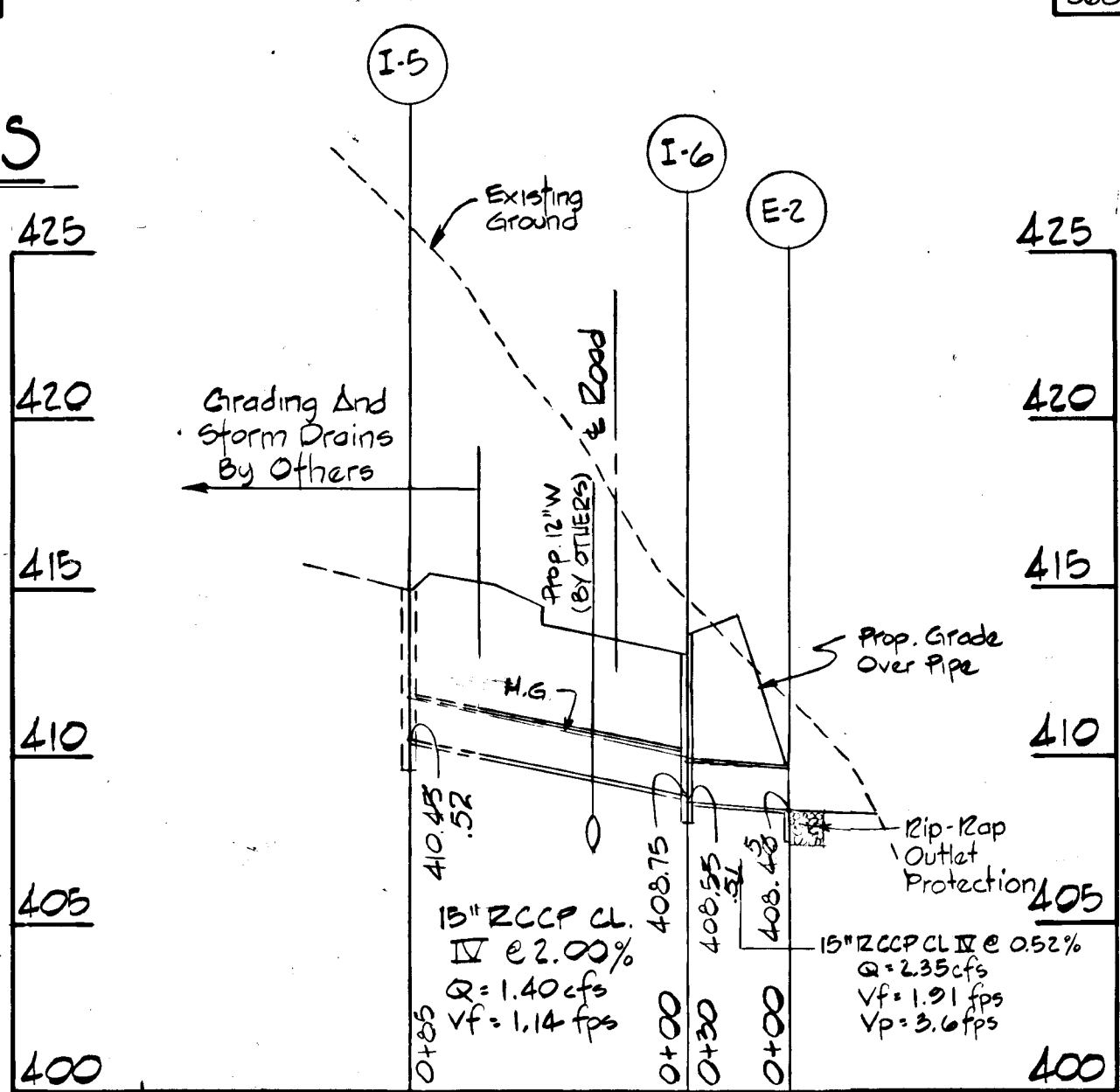
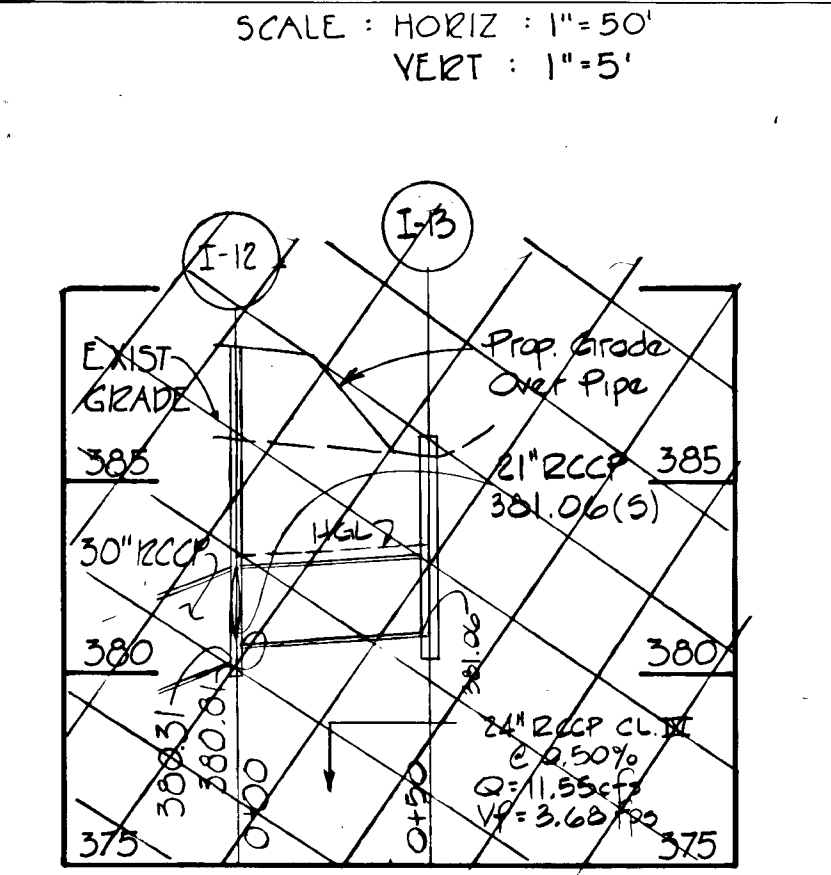
DRAINAGE AREA MAP
SCALE: 1"=100'

STRUCTURE SCHEDULE					
STRUCT	TYPE	TOP	INV IN	INV OUT	STD. NO.
E-1	C.E.S.	—	410.09	410.22	SD-5.51
I-4	A-5	415.109	410.5843	410.15	SD-4.01
I-3	A-5	416.185	411.1023	410.80	SD-4.01
I-2	A-5	416.424	411.580	411.304	SD-4.01
I-1	A-5	416.423	—	412.506	SD-4.01
E-2	C.E.S.	—	408.405	—	SD-5.51
I-6	A-5	413.58	408.783	408.531	SD-4.01
I-5	K	415.00	—	410.85	SD-4.11
I-5		414.65	—	—	52
E-3	C.E.S.	—	376.95	378.02	SD-5.51
I-12	A-5	385.528	(S.E.) 389.97	(S.E.) 389.71	SD-4.01
I-13	K	386.00	380.67	381.06	SD-4.11
I-11	A-5	392.23	386.85	386.45	SD-4.01
M-1	A-2	399.26	(S.E.) 393.46	(N.E.) 392.75	SD-3.02
I-10	A-5*	408.59	395.35	396.75	SD-4.01
I-9	K	402.06	394.89	394.69	SD-4.11
I-8	K	402.06	395.67	395.67	SD-4.11
I-7	A-5*	404.18	—	400.30	SD-4.01
I-7		02	—	399.82	—
E-4	C.E.S.	—	369.25	—	SD-5.51
I-14	A-5*	378.71	—	372.75	SD-4.01

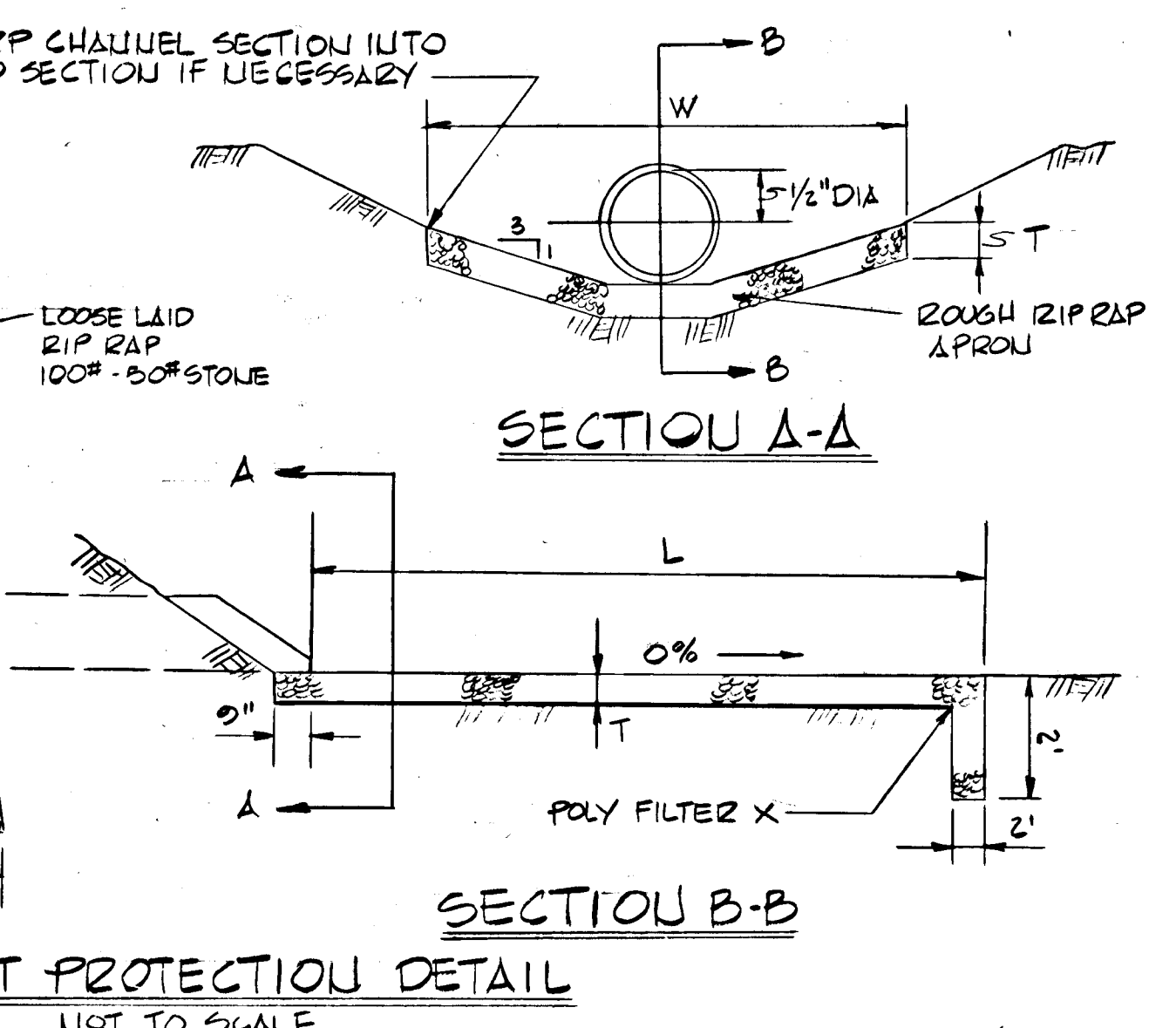
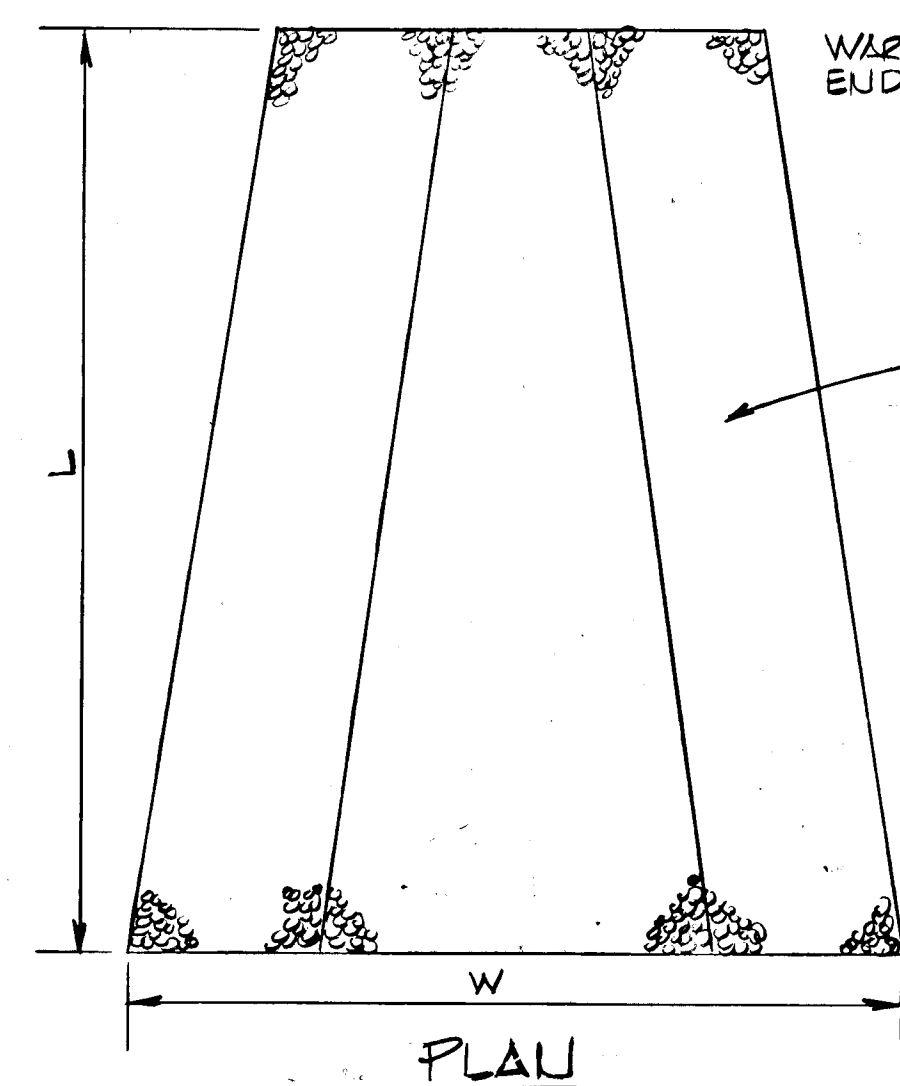
* INDICATES INLET WITH DEFLECTORS (SD-4.83)



STORM DRAIN PROFILES
SCALE: HORIZ: 1"=50'
VERT: 1"=5'



OUTLET PROTECTION SCHEDULE			
STRUCTURE	L	W	T
E-1	10'	10'	12"
E-2	10'	10'	12"
E-3	12'	16'	18"
E-4	10'	10'	12"



OUTLET PROTECTION DETAIL
NOT TO SCALE

HOWARD SOIL CONSERVATION DISTRICT
REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND
MEETS TECHNICAL REQUIREMENTS.
Signature 5/21/82
DATE
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION
AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVA-
TION DISTRICT.
Signature 5/21/82
DATE
APPROVED: HOWARD SOIL CONSERVATION DISTRICT

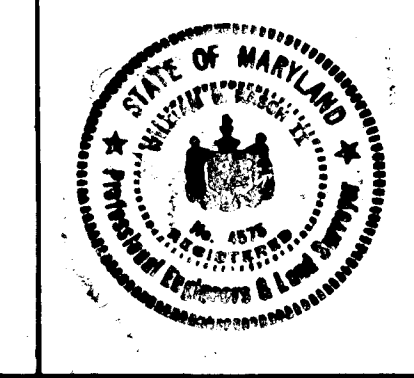
PURDUM & JESCHKE
CONSULTING ENGINEERS
LAND SURVEYORS
1023 North Calvert Street
Baltimore, Maryland 21202 301/837-0194

APPROVED: HOWARD COUNTY DEPT OF
PUBLIC WORKS
Signature 8-2-82
DATE
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLAN-
NING AND ZONING
PLANNING DIRECTOR DATE
Signature 5/21/82
DATE
CHIEF DIVISION OF LAND DEVELOP-
MENT AND ZONING ADMINISTRATION

DEVELOPER CERTIFICATION:
I CERTIFY THAT ALL DEVELOPMENT AND/OR CON-
STRUCTION WILL BE DONE ACCORDING TO THIS PLAN
OF DEVELOPMENT, AND PLAN OF EROSION AND SED-
IMENT CONTROL. I ALSO AUTHORIZE PERIODIC ON SITE
INSPECTION BY THE HOWARD SOIL CONSERVATION
DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED
NECESSARY.
Signature 1/4/82
DATE

ENGINEERING CERTIFICATION:
I CERTIFY THAT THIS PLAN FOR EROSION AND SED-
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SOIL CONSERVATION DISTRICT.
Signature W.G. PASCH II
DATE

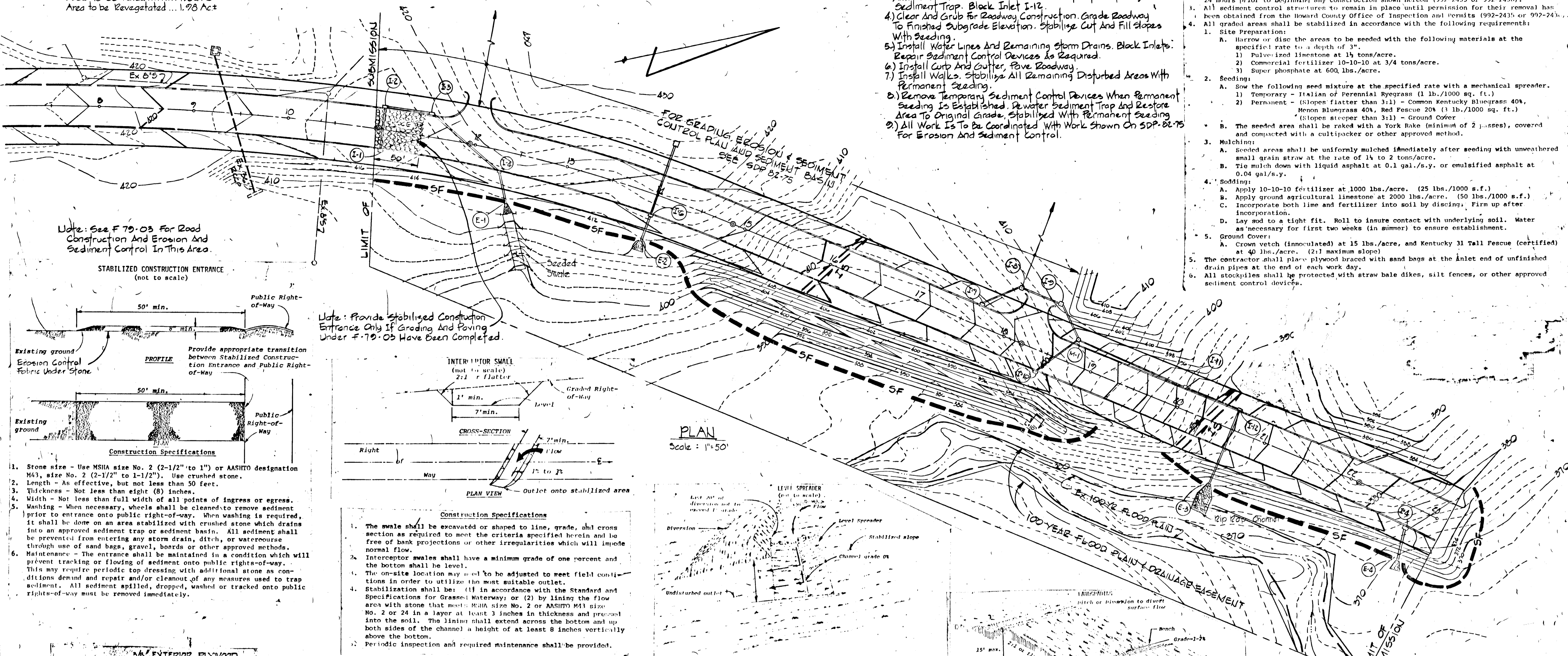


STORM DRAIN PROFILES & DRAINAGE AREA MAP
BON SECOURS
HOWARD COUNTY HEALTH PARK
HEALTH PARK DRIVE
STA. 8+05.05 TO STA. 23+08.96
2ND ELEC. DIST. HOWARD CO., MARYL. AND
TAX MAP #7
PARCELS: 666 & 80 DATE: 12/14/01

SHEET 3 OF 4
DES: B.F. & E.C.B.
DRAWN: S.E.B.
CHK: B.E.
Revisions:
Per: 10/10/01 Sec 6)

SITE ANALYSIS

Total Disturbed Area..... 3.32 Act
 Area to be Paved..... 1.34 Act
 Area to be Revegetated... 1.98 Act



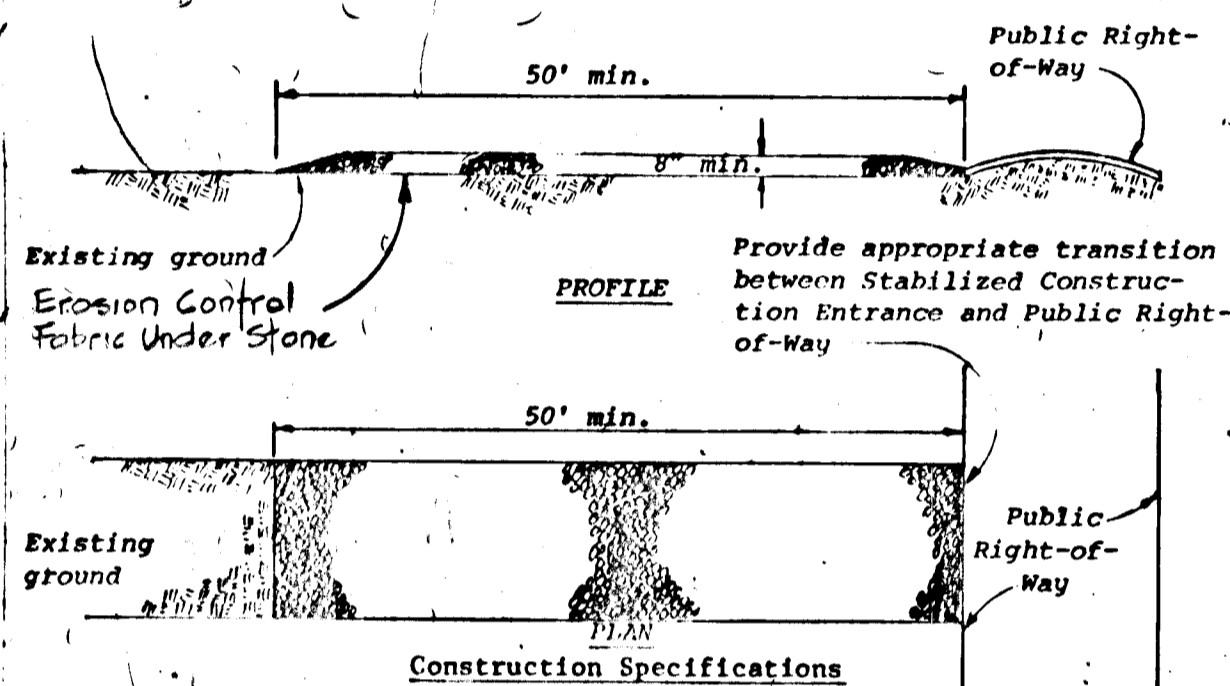
CONSTRUCTION SEQUENCE

- 1) Obtain Grading Permit.
- 2) Install Silt Fence and Stabilized Construction Entrance.
- 3) Install Storm Drain from I-3 To E-3. Construct Temporary Sediment Trap. Block Inlet I-12.
- 4) Clear and Grub for Roadway Construction. Grade Roadway To Finished Subgrade Elevation. Stabilize Cut and Fill Slopes With Seeding.
- 5) Install Water Lines And Remaining Storm Drains. Block Inlets. Repair Sediment Control Devices As Required.
- 6) Install Curb And Gutter, Pave Roadway.
- 7) Install Walks. Stabilize All Remaining Disturbed Areas With Permanent Seeding.
- 8) Remove Temporary Sediment Control Devices When Permanent Seeding Is Established. Re-water Sediment Trap And Restore Area To Original Grade. Stabilize With Permanent Seeding.
- 9) All Work Is To Be Coordinated With Work Shown On SDP-82-75 For Erosion And Sediment Control.

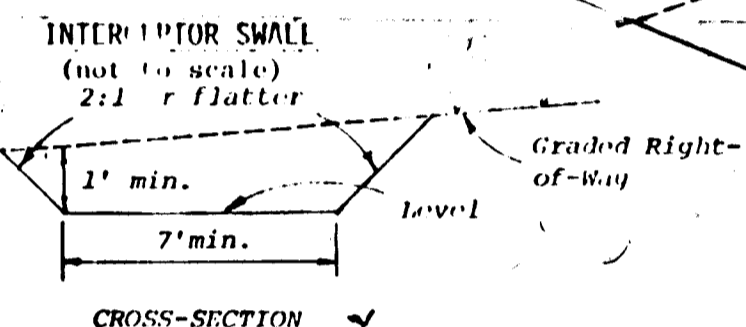
- DEVELOPER CERTIFICATION NOTES:
1. Specifications for the Sediment Control Devices shown herein are included in the Howard County Conservation Service "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas."
 2. The developer shall notify the Howard County Office of Inspection and Permits at least 24 hours prior to beginning any construction shown hereon (992-2435 or 992-2436).
 3. All sediment control structures to remain in place until permission for their removal has been obtained from the Howard County Office of Inspection and Permits (992-2435 or 992-2436).
 4. All graded areas shall be stabilized in accordance with the following requirements:
 - A. Site Preparation:
 - i. Harrow or disc the areas to be seeded with the following materials at the specified rate to a depth of 3":
 - 1) Pulverized limestone at 14 tons/acre.
 - 2) Commercial fertilizer 10-10-10 at 3/4 tons/acre.
 - 3) Super phosphate at 600 lbs./acre.
 - B. Seeding:
 - i. Sow the following seed mixture at the specified rate with a mechanical spreader.
 - 1) Temporary - Italian of Perennial Ryegrass (1 lb./1000 sq. ft.)
 - 2) Permanent - (Slopes flatter than 3:1) - Common Kentucky Bluegrass 40%, Henon Bluegrass 40%, Red Fescue 20% (1 lb./1000 sq. ft.) (Slopes steeper than 3:1) - Ground Cover
 - ii. The seeded area shall be raked with a York Rake (minimum of 2 passes), covered and compacted with a cultipacker or other approved method.
 - C. Mulching:
 - i. Seeded areas shall be uniformly mulched immediately after seeding with unweathered small grain straw at the rate of 1 1/2 to 2 tons/acre.
 - ii. Tie mulch down with liquid asphalt at 0.1 gal./s.y. or emulsified asphalt at 0.04 gal./s.y.
 - D. Sodding:
 - i. Apply 10-10-10 fertilizer at 1000 lbs./acre. (25 lbs./1000 s.f.)
 - ii. Apply ground agricultural limestone at 2000 lbs./acre. (50 lbs./1000 s.f.)
 - iii. Incorporate both lime and fertilizer into soil by discing. Firm up after incorporation.
 - iv. Lay sod to a tight fit. Roll to insure contact with underlying soil. Water as necessary for first two weeks (in summer) to ensure establishment.
 - E. Ground Cover:
 - i. Crown vetch (immolated) at 15 lbs./acre, and Kentucky 31 Tall Fescue (certified) at 40 lbs./acre. (2:1 maximum slope)
 5. The contractor shall place plywood braced with sand bags at the inlet end of unfinished drain pipes at the end of each work day.
 6. All stockpiles shall be protected with straw bale dikes, silt fences, or other approved sediment control devices.

Note: See F 79-03 For Road Construction And Erosion And Sediment Control In This Area.

STABILIZED CONSTRUCTION ENTRANCE (not to scale)

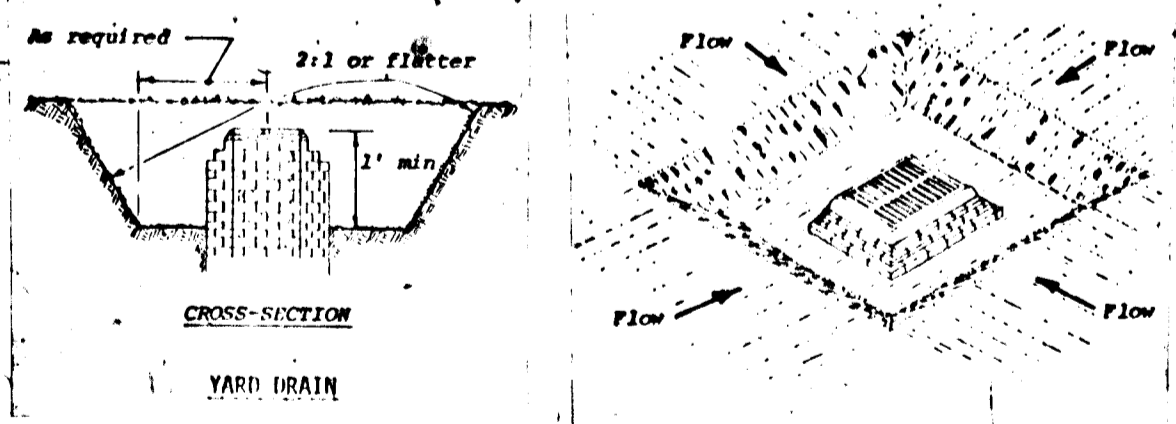
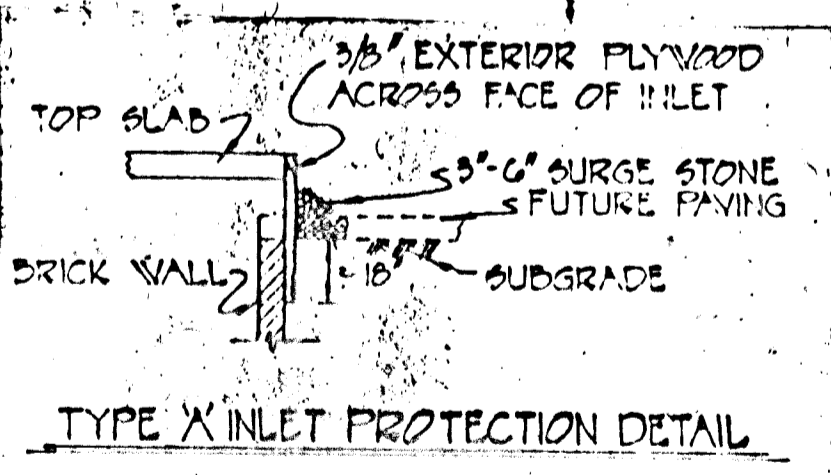


Note: Provide Stabilized Construction Entrance Only If Grading And Paving Under F-79-03 Have Been Completed.

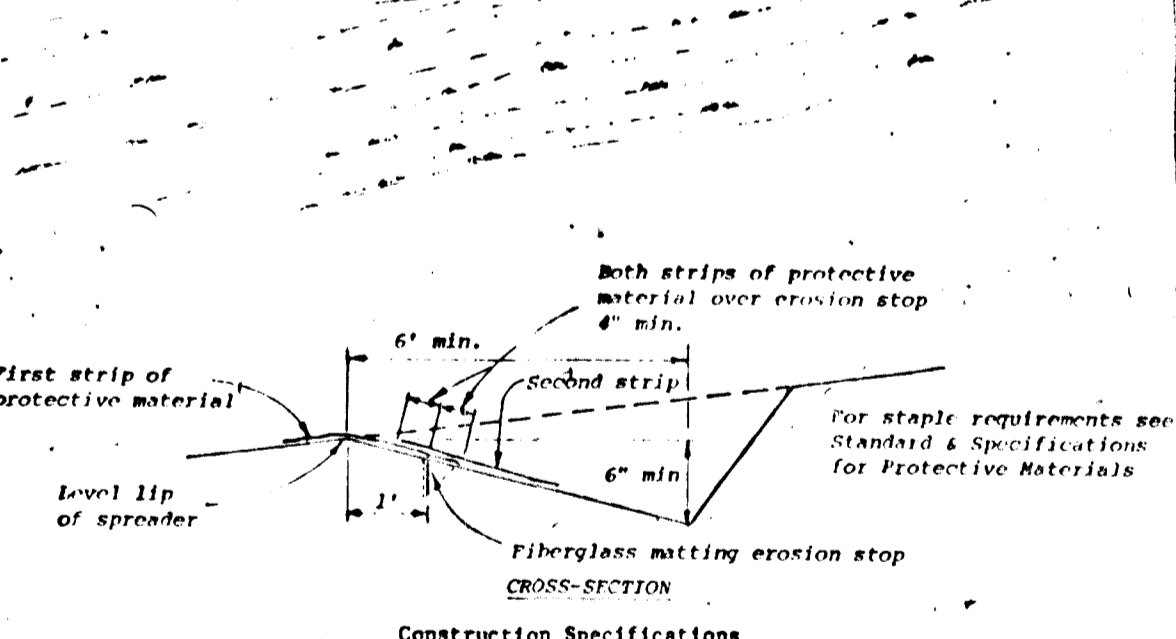
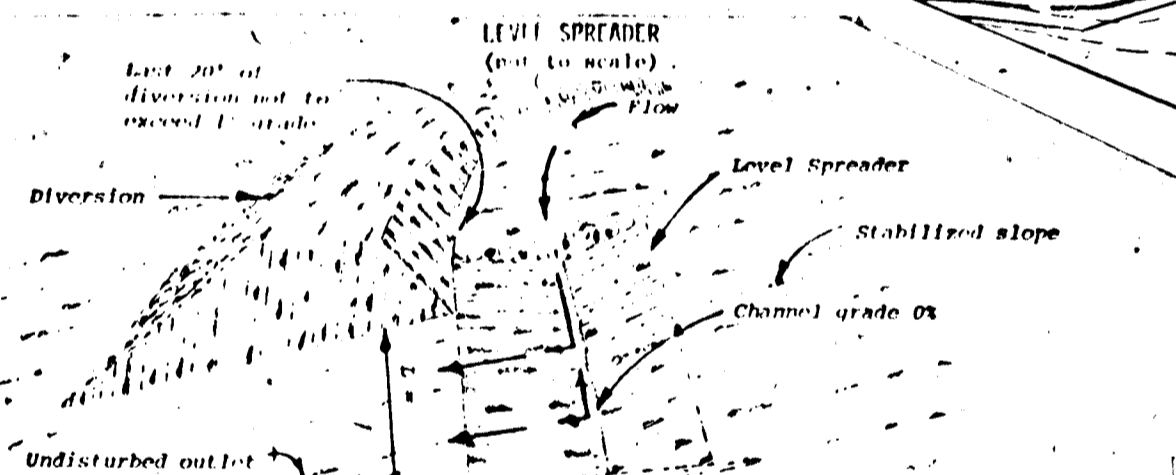


- Construction Specifications**
1. Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
 2. Length - As effective, but not less than 50 feet.
 3. Thickness - Not less than eight (8) inches.
 4. Width - Not less than full width of all points of ingress or egress.
 5. Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
 6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flooding of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

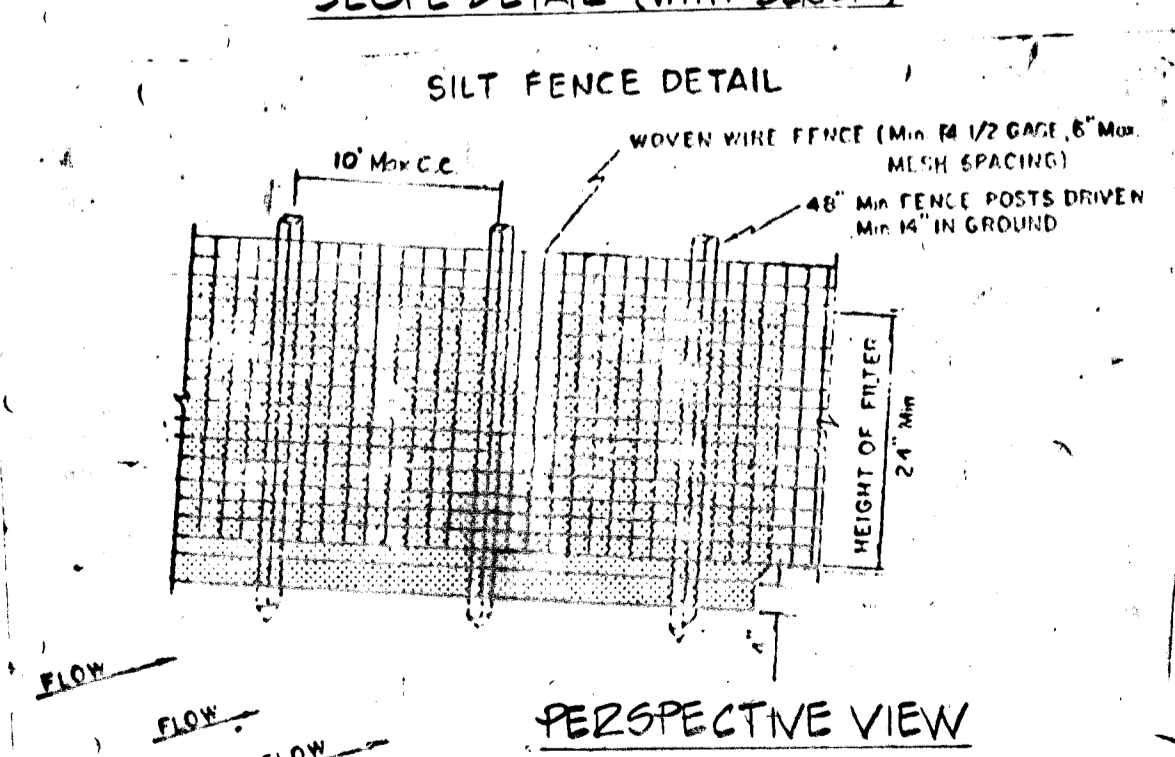
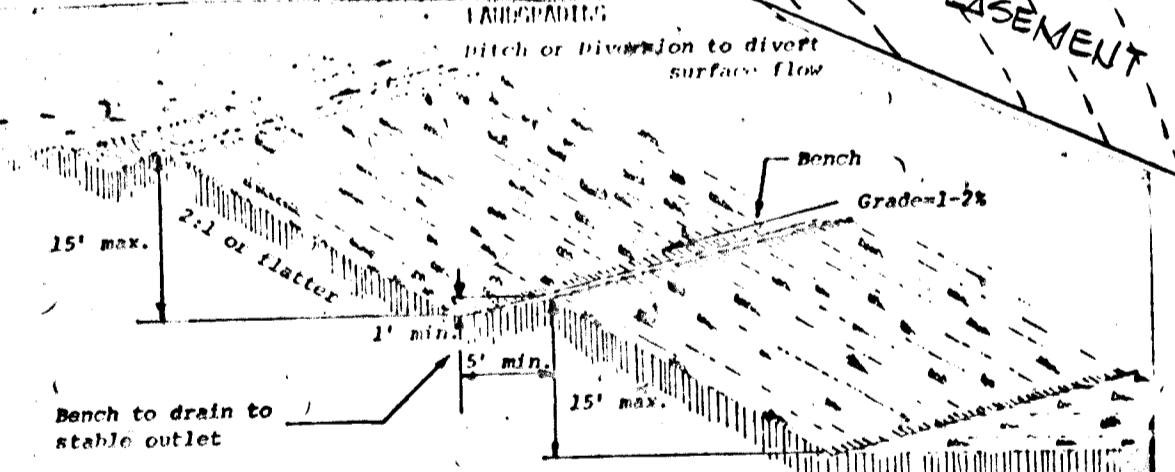
- Construction Specifications**
1. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
 2. Interceptor swales shall have a minimum grade of one percent and the bottom shall be level.
 3. The on-site location may need to be adjusted to meet field conditions in order to utilize the most suitable outlet.
 4. Stabilization shall be (1) in accordance with the Standard and Specifications for Grassed Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 in a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
 5. Periodic inspection and required maintenance shall be provided.



- Construction Specifications**
1. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode. The structure shall be inspected after each rain and repairs made as needed. Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
 2. The sediment trap shall be removed and area stabilized when the remaining drainage area has been properly stabilized.
 3. All cut and fill slopes shall be 2:1 or flatter.



- Construction Specifications**
1. Level spreaders shall be installed under the direct supervision of the Engineer.
 2. Construct level lip on zero percent grade to insure uniform spreading of sediment-free runoff (converting channel flow to sheet flow).
 3. Level spreader shall be constructed on undisturbed soil (not on fill).
 4. A fiberglass matting erosion stop shall be placed vertically and at least six inches deep in a slit trench one foot back of the level lip and parallel with the lip. This erosion stop shall extend the entire length of the level lip and shall be trimmed after backfilling with tamped soil so that the upper edge is flush with the soil surface.
 5. The entire level lip area shall be protected by placing two strips of jute or excelsior protective material as shown in the Standard Drawing IS-1.
 6. The entrance channel shall not exceed a 1% grade for at least 20 feet before entering spreader.
 7. Storm runoff converted to sheet flow shall outlet onto stabilized areas. Water shall not be reconcentrated immediately below the point of discharge.
 8. Periodic inspection and required maintenance shall be provided.



- CONSTRUCTION NOTES**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID SECTION
- POSTS: STEEL TOWER 1 1/2" DIA TYPE OR 2" HARDWOOD
 FENCE: WOVEN WIRE 1/2" GAUGE 6" MESH SPACING
 FILTER CLOTH: FILTER CLOTH LAUREL EROSION CONTROL CLOTH EDDM POLYESTER 200 TON/AC

HOWARD SOIL CONSERVATION DISTRICT
 REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE: [Signature] DATE: 8-24-82
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED: [Signature] DATE: [Date]
 HOWARD SOIL CONSERVATION DISTRICT

PURDUM & JESCHKE
 CONSULTING ENGINEERS
 LAND SURVEYORS
 1023 North Calvert Street
 Baltimore, Maryland 21202
 301/837-0194

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS
 [Signature] DATE: 8-2-82
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR DATE: [Date]
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

DEVELOPER CERTIFICATION:
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT, AND PLAN OF EROSION AND SEDIMENT CONTROL, AND ALSO THROUGH PERIODIC ON SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

ENGINEERING CERTIFICATION:
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 WILLIAM G. JESCHKE II DATE: [Date]

EROSION AND SEDIMENT CONTROL PLAN
 BOB SECOURS
 HOWARD COUNTY HEALTH PARK
 HEALTH PARK DRIVE
 2ND ELECT DIST HOWARD CO, MARYLAND
 TAX MAP-17 SCALE: AS SHOWN
 PARCELS: 6664-00 DATE: 12/14/81
 SHEET 4 OF 4
 DES: BE, ELD, P, PAV, S, SD, CHV: B, E, L