ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A 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."

STATE OF MARYLAND — CHARLES J. CROVO — No. 13201 — PROFESSIONAL ENGINEER

CHARLES J. CROVO, SR. — 8/30/84 DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY."

KAMAL CHAUDHURY — 8/28/84 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U. S. SOIL CONSERVATION SERVICE — 10-10-84 DATE

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

HOWARD SOIL CONSERVATION DISTRICT — 10/10/84 DATE

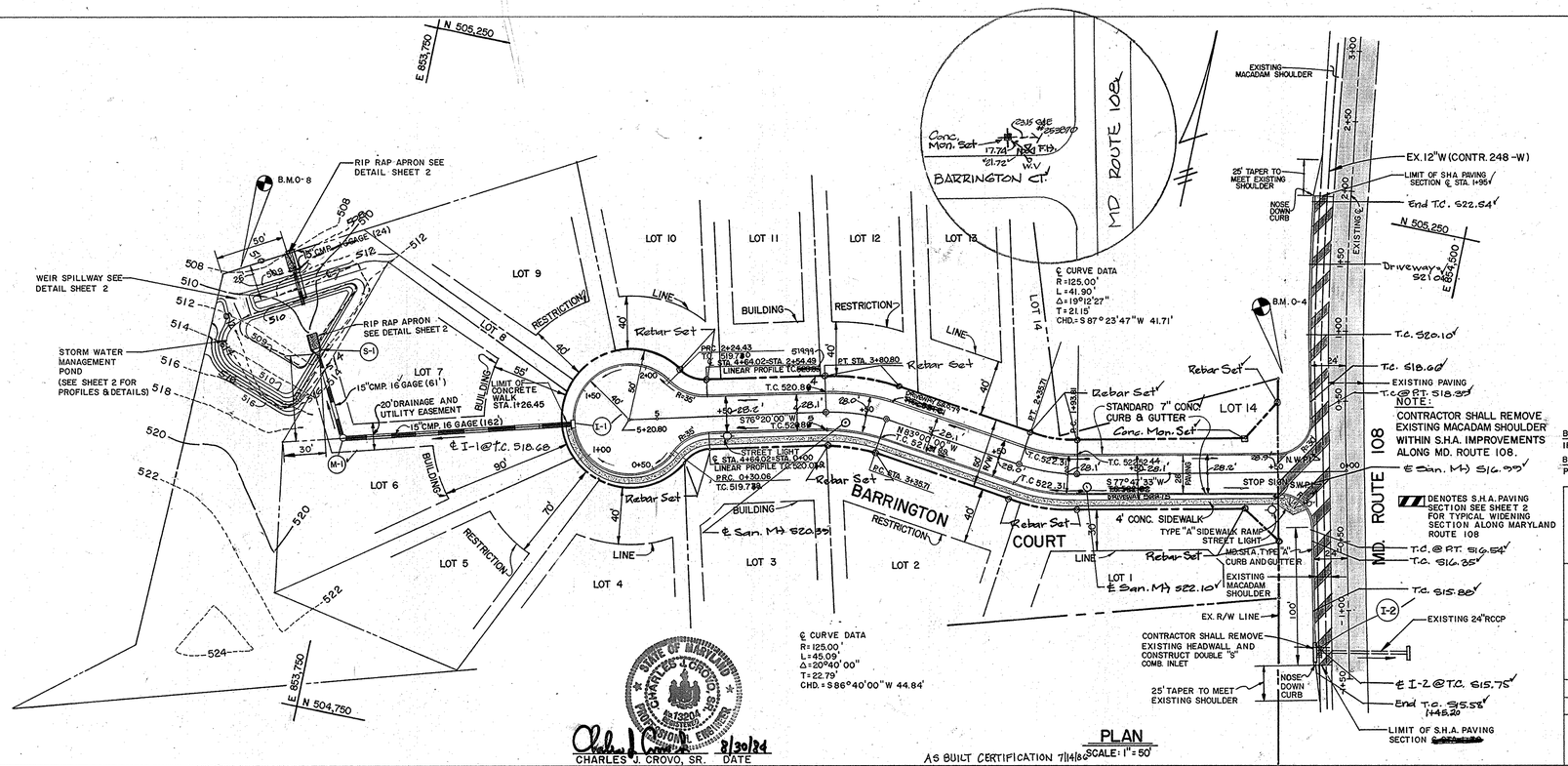
GENERAL NOTES

1) ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
2) ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HRS. IN ADVANCE OF ANY CONSTRUCTION.
3) STORM DRAINAGE TRENCHES WITHIN ROAD RIGHTS-OF-WAY SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH HOWARD COUNTY ROAD CODE.
4) ANY DAMAGE TO PUBLIC RIGHTS-OF-WAYS OR PAVING WILL BE CORRECTED AT THE CONTRACTORS EXPENSE.
5) CONTRACTOR TO NOTIFY THE HOWARD COUNTY INSPECTION AND SURVEY DIVISION AT LEAST 2 DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS – TELEPHONE = 792-7272

PLAN		BY	DATE
SURVEYED			
PLOTTED			
ALIGNMENT CHECKED			
RT. OF WAY CHECKED			
NOTE BOOK NO.			

APPROVED
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING — 10-15-84 DATE

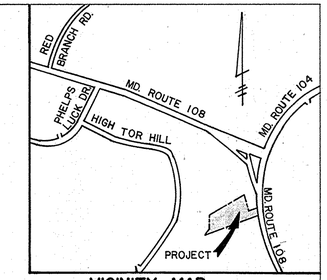
APPROVED
OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — 10-11-84 DATE



CHARLES J. CROVO, SR. — 8/30/84 DATE

AS BUILT CERTIFICATION 7/14/86

PLAN
SCALE: 1" = 50'



VICINITY MAP
SCALE: 1" = 1200'

STREET LIGHT
175-WATT POST TOP MERCURY VAPOR LAMP ON A 14-FOOT FIBERGLASS POLE AT THE INTERSECTION OF MD. ROUTE 108 AND BARRINGTON COURT AND AT STATION 4+50 BARRINGTON COURT.

BENCH MARKS

B.M. 0-4	ELEV. 524.16
IRON PIPE SET 72'± RIGHT OF ℄ STA. 0+45 BARRINGTON COURT	
B.M. 0-8	ELEV. 507.23
PINCHED PIPE SET 12'± NORTHEAST FROM PROPERTY CORNER OF LOT 8	

NOTE:
CONTRACTOR SHALL REMOVE EXISTING MACADAM SHOULDER WITHIN S.H.A. IMPROVEMENTS ALONG MD. ROUTE 108.

BARRINGTON WOODS
LOTS 1-14
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

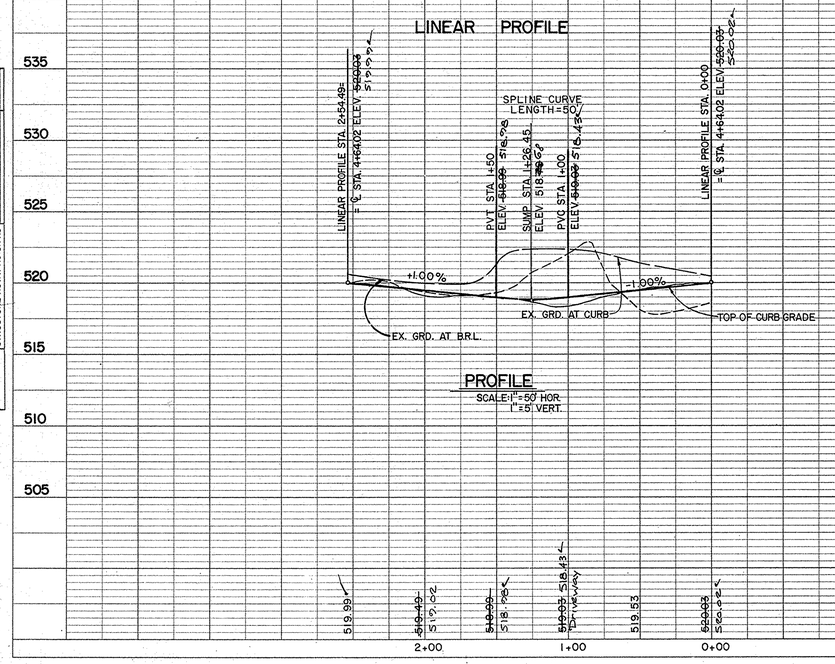
BARRINGTON COURT
PLAN, PROFILE & STORM WATER MANAGEMENT POND

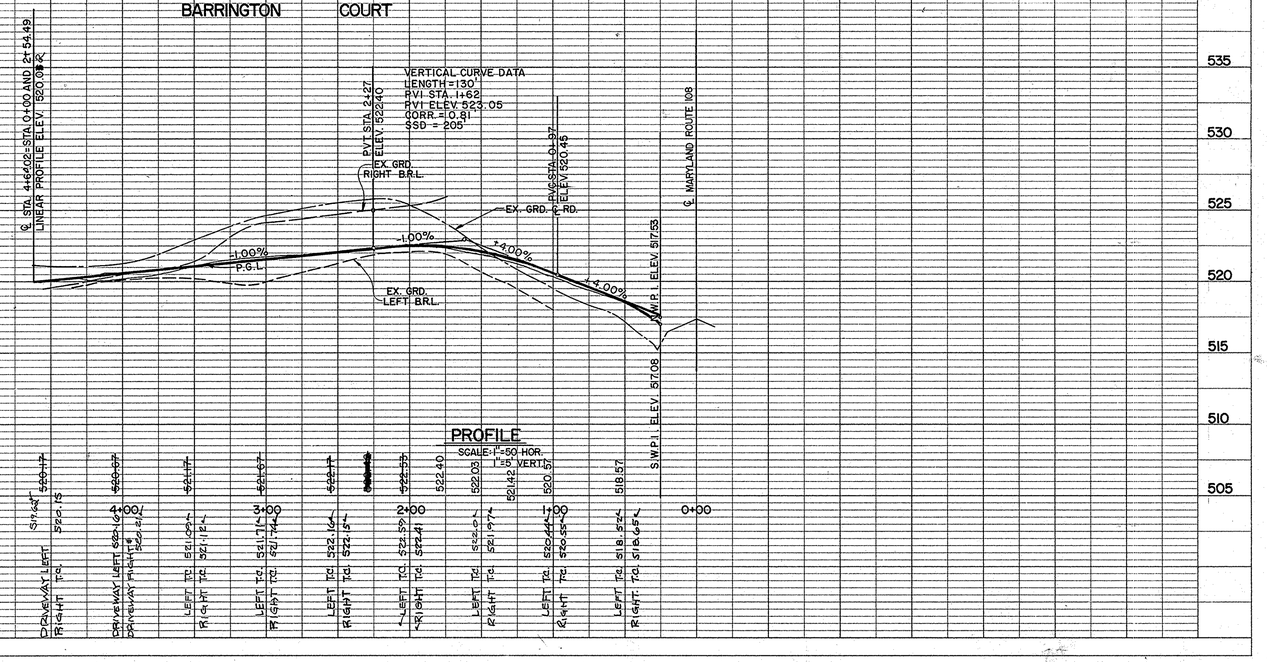
OWNER AND DEVELOPER
BARRINGTON WOODS LIMITED PARTNERSHIP
SUITE 114 GORMAN PLAZA BUILDING
COLUMBIA, MARYLAND 21045

SCALE AS SHOWN	DATE AUG. 17, 1984	DWG. NO. 1 OF 3
DES. C. CROVO	DRN. A. BOGDAN	CHK. R. CARTER

FISHER, COLLINS AND CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
B.M. NOTED			
STRUCTURE NOTATNS CHKD			
NOTE BOOK NO.			



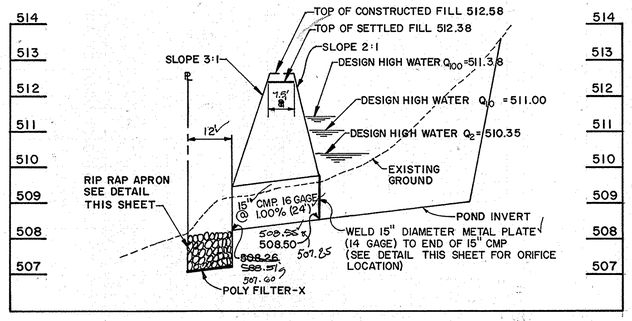


1100

2/6/88

AS-BUILT

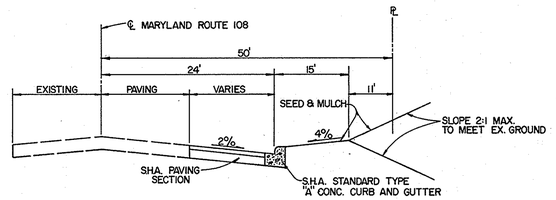
F 85-42



STORM WATER MANAGEMENT PROFILE

SCALE: 1" = 20' HOR.
1" = 2' VERT.

STRUCTURE SCHEDULE						
NO.	TYPE	INV. IN	INV. OUT	℄ STATION	℄ TOP ELEVATION	REMARKS
I-1	A (S) - 5	—	513.93 514.21	1+26.45 LINEAR PROFILE BARRINGTON COURT	518.79 518.60	DRWG. SD. 4.01
M-1	STANDARD MANHOLE	510.58 510.53	510.33 510.35	—	518.65	DRWG. G. 5.01
S-1	STANDARD METAL END SECTION	—	509.04 509.05	—	510.30	DRWG. SD. 5.61
I-2	DOUBLE "S" COMB. INLET WITH RECTICULAR GRATES	—	512.02 511.77	—	515.76 515.75	DRWGS MD-379.04 & MD-379.08



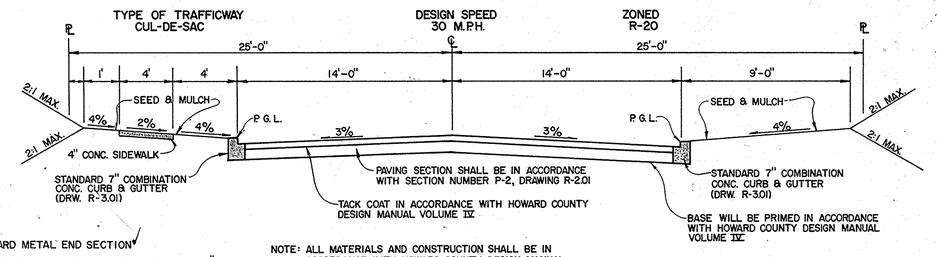
S.H.A. PAVING SHALL BE 9" COMPACTED BITUMINOUS CONCRETE PLACED AS FOLLOWS:
1) 6" BASE COURSE IN TWO 3" LAYERS UTILIZING A BT MIXTURE.
2) 3" SURFACE COURSE IN TWO 1-1/2" LAYERS UTILIZING A SN MIXTURE.

TYPICAL WIDENING SECTION ALONG MARYLAND ROUTE 108

NO SCALE

BARRINGTON COURT

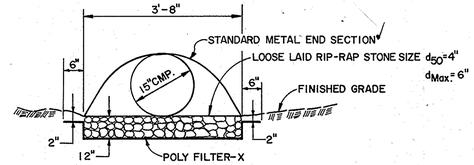
℄ STA. 0+50 TO ℄ STA. 4+64.02



NOTE: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.

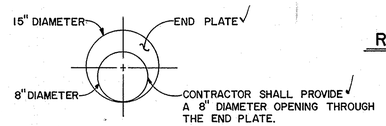
TYPICAL ROADWAY SECTION

NO SCALE



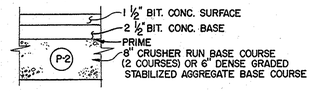
RIP RAP APRON DETAIL @ S-1

NO SCALE



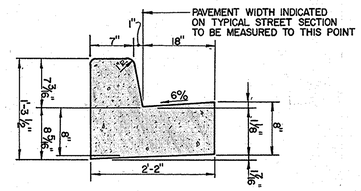
ORIFICE DETAIL

NO SCALE



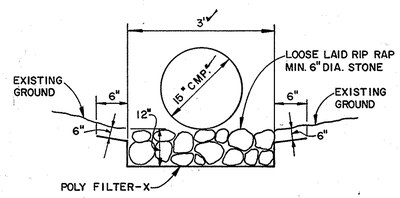
PAVING SECTION P-2

NO SCALE



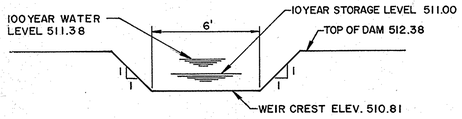
STANDARD SLOPE 7" COMB. CONC. CURB & GUTTER

NO SCALE



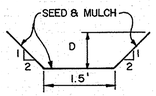
RIP-RAP APRON DETAIL @ S.W.M. POND OUTFALL

NO SCALE



WEIR SPILLWAY DETAIL

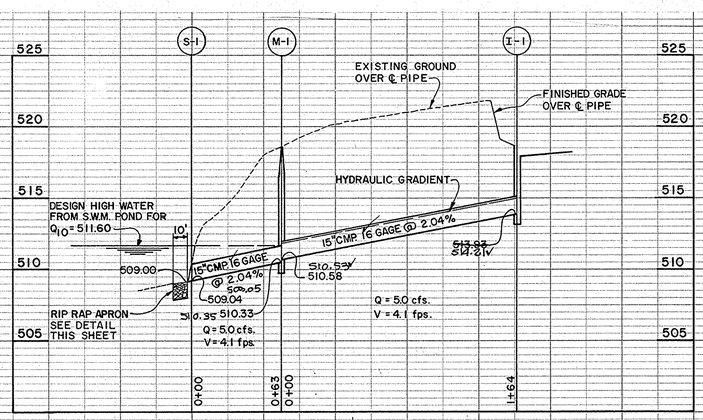
NO SCALE



CHANNEL DETAIL ALONG REAR OF LOTS 9-13

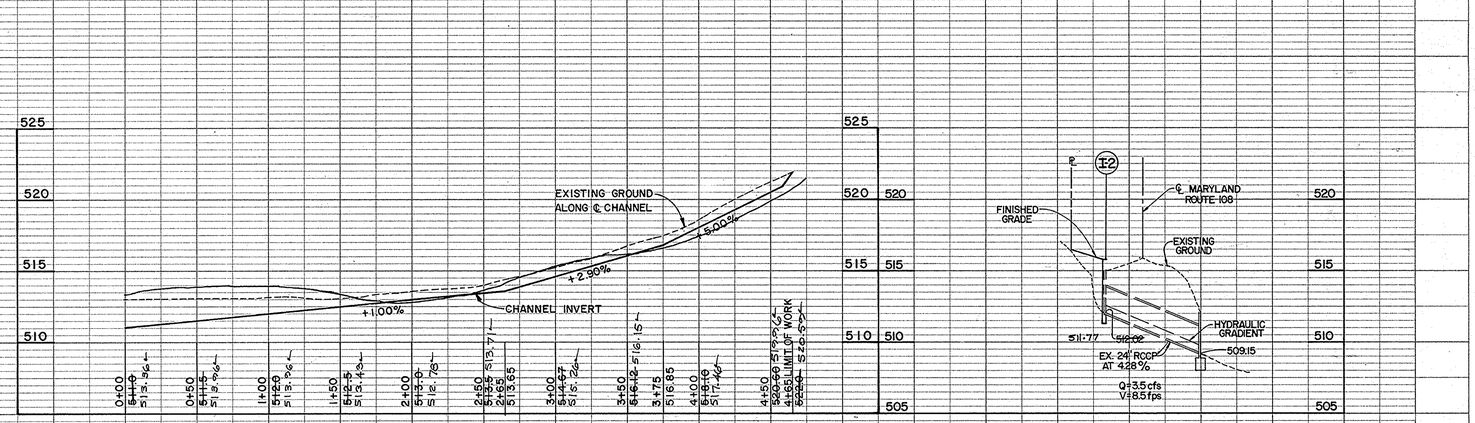
NO SCALE

CHANNEL DESIGN DATA									
CHANNEL SLOPE	A	P	R	$R^{2/3}$	$S^{1/2}$	n	D	Q_D	V_D
1.00%	0.92 ft²	3.28'	0.2805	0.4285	0.1000	0.03	0.40'	2.0 cfs.	2.12 fps.
2.90%	0.65 ft²	2.86'	0.2273	0.3724	0.1703	0.03	0.31'	2.0 cfs.	3.14 fps
5.00%	0.53 ft²	2.66'	0.1992	0.3411	0.2236	0.03	0.26'	2.0 cfs.	3.78 fps.



STORM DRAIN PROFILE

SCALE: 1" = 50' HOR.
1" = 5' VERT.



CHANNEL PROFILE ALONG REAR OF LOTS 9-13

SCALE: 1" = 50' HOR.
1" = 5' VERT.

STATE OF MARYLAND — CHARLES J. CROVO, SR. — REGISTERED PROFESSIONAL ENGINEER — No. 12290

AS BUILT CERTIFICATION 7/14/86

CHARLES J. CROVO, SR. — DATE 2/20/84

BARRINGTON WOODS
LOTS 1-14
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

ROAD SECTION, DETAILS, STORM DRAIN & STORM WATER MANAGEMENT PROFILES

OWNER AND DEVELOPER
BARRINGTON WOODS LIMITED PARTNERSHIP
SUITE 114 GORMAN PLAZA BUILDING
COLUMBIA, MARYLAND 21045

SCALE AS SHOWN	DATE AUGUST 17, 1984	DWG. NO. 2 OF 3
DES. C. CROVO	DRN. A. BOGDAN	CHK. R. CARTER

FISHER, COLLINS AND CARTER, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

APPROVED
DEPARTMENT OF PUBLIC WORKS
CHIEF, BUREAU OF ENGINEERING — DATE 10-15-84

APPROVED
OFFICE OF PLANNING AND ZONING
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 10-11-84

PLAN — NOTE BOOK NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED / PLOTTED / GRADES CHECKED / B.M.'s NOTED / STRUCTURE NOTATIONS CHKD — BY — DATE

1100

2/26/88

AS-BUILT

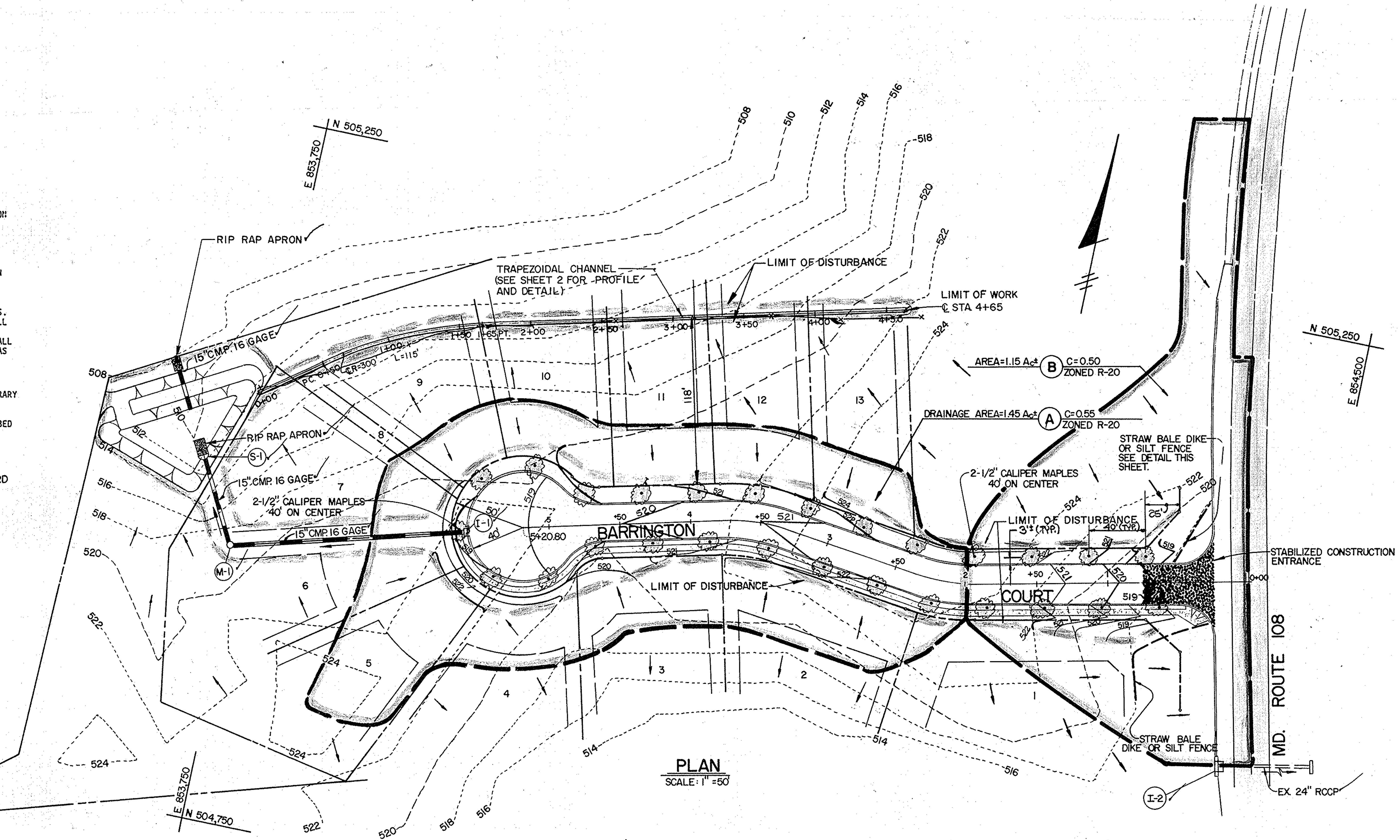
F85-42

CONSTRUCTION SEQUENCE:

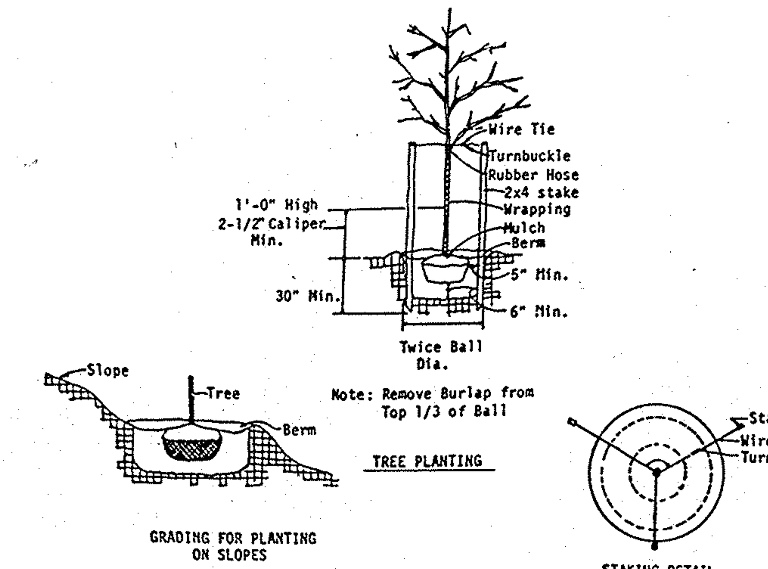
1. OBTAIN GRADING PERMIT.
2. CONSTRUCT STONE CONSTRUCTION ENTRANCE AS SHOWN ON PLAN.
3. CONSTRUCT STORM WATER MANAGEMENT POND AND STABILIZE USING TEMPORARY SEEDING.
4. THE 15 " CMP SHALL BE BLOCKED IN ACCORDANCE WITH THE DETAIL ON THIS SHEET. THE 15 " CMP SHALL REMAIN BLOCKED UNTIL SUCH TIME WHEN THE SEDIMENT BASIN TRANSITIONS TO FUNCTION AS A STORM WATER MANAGEMENT POND.
5. INSTALL STRAW BALE DIKES OR SILT FENCE AS SHOWN ON PLAN.
6. GRADE ROADS TO SUBGRADE STABILIZING SLOPE AREAS BETWEEN EXISTING GROUND AND BACK OF CURB USING PERMANENT SEEDING.
7. CONSTRUCT STORM DRAIN SYSTEM.
8. INSTALL STONE FILTER INLET PROTECTION DEVICE AT INLET I-1.
9. CONSTRUCT CONCRETE CURB AND LAY BASE COURSE.
10. UPON STABILIZATION OF GRADED AREAS, INLETS SHALL BE OPENED AND ALL ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE STORM DRAIN SYSTEM.
11. DURING CONSTRUCTION, SEDIMENT SHALL BE REMOVED FROM THE STORM WATER MANAGEMENT POND WHEN THE CLEANOUT ELEVATION 509.8 HAS BEEN REACHED.
12. DURING CONSTRUCTION AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON.
13. REMOVE STONE CONSTRUCTION ENTRANCE.
14. CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSE AND LAY SURFACE COURSE. STABILIZE ALL SHOULDERS USING PERMANENT SEEDING.
15. THE SEDIMENT BASIN SHALL BE DEWATERED BY PUMPING.
16. THE SEDIMENT FROM THE STORM WATER MANAGEMENT POND SHALL BE PLACED ON LOT 8 AND STABILIZED WITH PERMANENT SEEDING.
17. THE STORM WATER MANAGEMENT POND SHALL BE GRADED IN ACCORDANCE WITH SHEET ONE AND STABILIZED IN ACCORDANCE WITH THE PERMANENT SEEDING SPECIFICATIONS IN THE SEDIMENT CONTROL NOTES. INSTALL RIP RAP APRONS.
18. ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
19. DURING THE CONSTRUCTION ALONG MARYLAND ROUTE 108, THE CONTRACTOR SHALL PLACE STRAW BALE DIKES OR SILT FENCE DOWNGRADE OF ANY DISTURBED AREAS AT THE END OF EACH WORKING DAY.

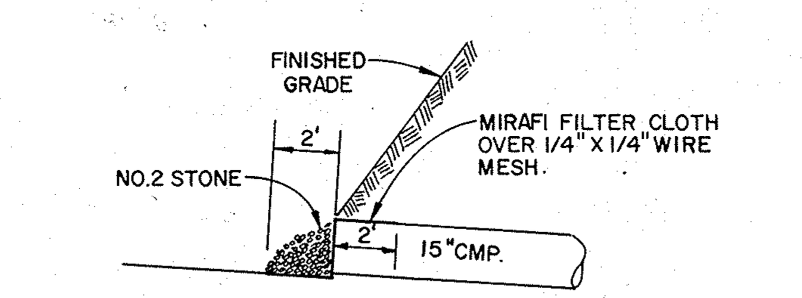
FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

NOTE: ALL SEDIMENT TRAPS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME I CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL FOR STORM DRAINAGE.

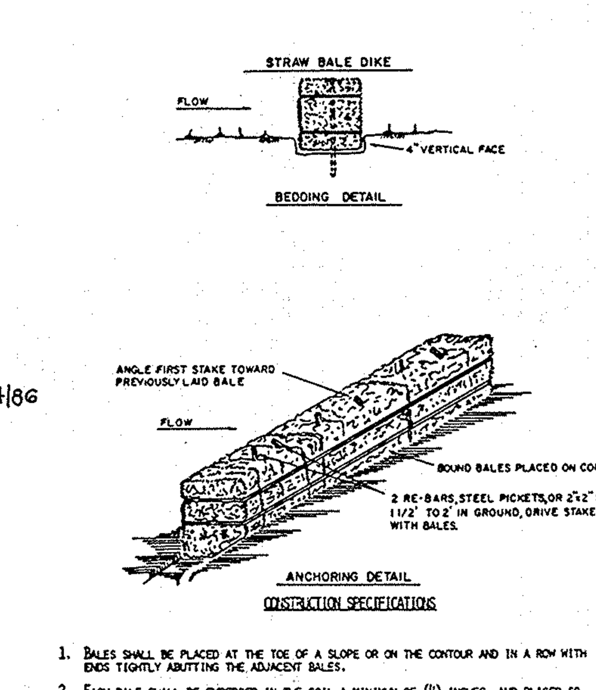


PLAN
SCALE: 1" =50'



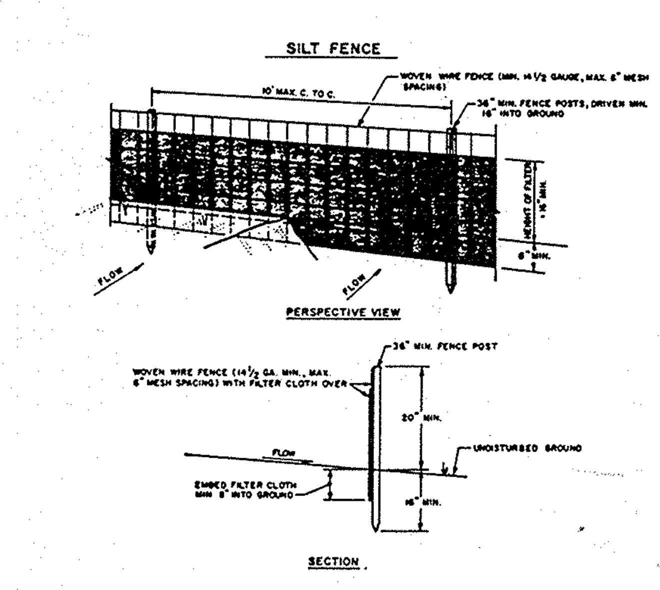


BLOCKING DETAIL FOR 15" CMP
AT STORM WATER MANAGEMENT POND
NO SCALE



CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

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 TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

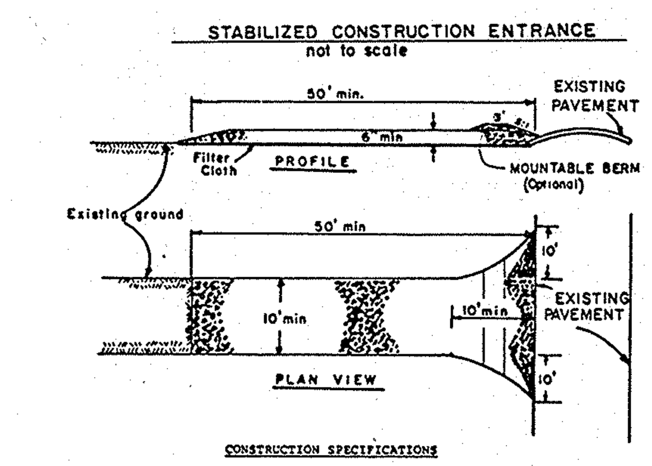
POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD

FENCE: WOVEN WIRE, 14½ GA. 6" MAX. MESH OPENING

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL

PREFABRICATED UNIT: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

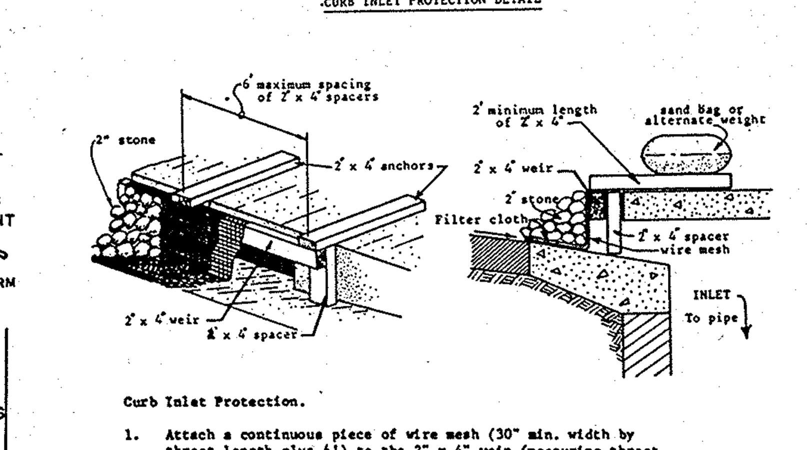
STABILIZED CONSTRUCTION ENTRANCE
not to scale



CONSTRUCTION SPECIFICATIONS

1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-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.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

CURB INLET PROTECTION DETAIL



Curb Inlet Protection.

1. Attach a continuous piece of wire mesh (30" min. width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standard drawing.
2. Place a piece of approved filter cloth (40-85 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
3. Securely nail the 2" x 4" weir to 9" long vertical spacers to be located between the weir and inlet face (max. 6' apart).
4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations. These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.
6. Form the wire mesh and filter cloth to the concrete gutter and against the face of curb on both sides of the inlet. Place clean 2" stone over the wire mesh and filter fabric in such a manner as to prevent water from entering the inlet under or around the filter cloth.
7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
8. Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

SEDIMENT CONTROL NOTES

1. SPECIFICATIONS FOR THE SEDIMENT CONTROL DETAILS INCLUDED IN THE U.S.D.A. SOIL 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 (992-2433).
3. SEDIMENT CONTROL STRUCTURES TO BE CONSTRUCTED PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE TO ANY EXISTING SURFACE MATERIAL, AND ARE TO BE STABILIZED AS SOON AS CONSTRUCTED.
4. ALL SEDIMENT CONTROL STRUCTURES TO REMAIN IN PLACE OBTAINED FROM THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS (992-2433)
5. ALL GRADED AREAS NOT TO BE SODDED SHALL BE STABILIZED BY SEEDING AND MULCHING IN ACCORDANCE WITH THE FOLLOWING:
   1. SITE PREPARATION
      A. HARROW OR DISC IN AREAS PROPOSED TO BE SEEDED THE FOLLOWING MATERIALS
         1) PULVERIZED LIMESTONE AT 2 TONS/ACRE.
         2) COMMERCIAL FERTILIZER 10-10-10 AT 3/4 TONS/ACRE.
         3) SUPER PHOSPHATE AT 600 LBS./ACRE.
   2. SEEDING
      A. SOW THE FOLLOWING SEED MIXTURE AT THE RATE OF 200 LBS./ACRE WITH A MECHANICAL SPREADER.
         1) TEMPORARY: ITALIAN OR PERENNIAL RYE GRASS.
         2) PERMANENT: 40% MARION BLUE GRASS, 40% DAKOTA BLUE GRASS AND 20% PENN LAWN CREEPING FESCUE.
      B. THE SEEDED AREA SHALL THEN BE RAKED WITH A YORK RAKE (A MINIMUM OF 2 PASSES) COVERED AND COMPACTED WITH CULTIPACKER OR OTHER APPROVED METHOD.
   3. MULCHING
      A. SEEDED AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2-2 TONS/ACRE.
      B. TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL./S.Y. OR EMULSIFIED ASPHALT AT 0.04 GAL./S.Y. OR MULCH NETTING.
6. A GRADING PLAN MUST BE DEVELOPED BY THE BUILDER AND APPROVED BEFORE BEGINNING CONSTRUCTION OF DWELLINGS.

ENGINEER'S CERTIFICATE

I HEREBY 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.

Charles J. Crovo 8/30/84
SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY." ORRINS DEVELOPMENT CORP.

K. Chaudhry PRESIDENT 8/28/84
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

[signature] 10-10-84
U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen L. [signature] 10-10-84
DISTRICT DATE
HOWARD SOIL CONSERVATION DISTRICT

APPROVED: DEPARTMENT OF PUBLIC WORKS.

[signature] 10-15-84
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: OFFICE OF PLANNING AND ZONING

John W. Meacham 10-11-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

STATE OF MARYLAND CHARLES J. CROVO, SR. No 13204 REGISTERED PROFESSIONAL ENGINEER

Charles J. Crovo 8/30/84
CHARLES J. CROVO SR. DATE

AS BUILT CERTIFICATION 7/14/86

SITE ANALYSIS

TOTAL AREA OF SUBDIVISION	5.7 Ac.±
IMPERVIOUS AREA	0.5 Ac.±
AREA TO BE VEGETATED	0.3 Ac.±
UNDISTURBED AREA	4.9 Ac.±

OWNER AND DEVELOPER
BARRINGTON WOODS LIMITED PARTNERSHIP
SUITE 114 GORMAN PLAZA BUILDING
COLUMBIA, MARYLAND 21045

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043

STREET TREE
GRADING AND SEDIMENT CONTROL PLAN
BARRINGTON WOODS
SIXTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1"=50' AUGUST 17, 1984

SHEET 3 OF 3

1100

2/26/88

AS BUILT

F 85-42