

ENGINEER'S CERTIFICATE
 I HEREBY CERTIFY THAT THE PLAN FOR EROSION AND SEDIMENT CONTROL REPRODUCED ON THESE DRAWINGS IS A WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 CHARLES J. CROVO SR. 9/14/85
 DATE

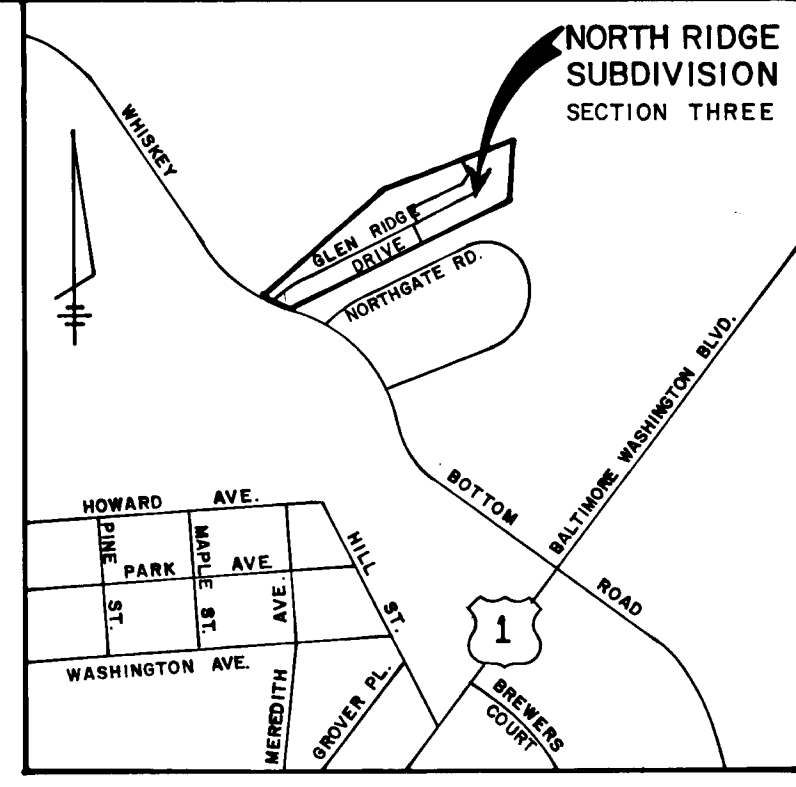
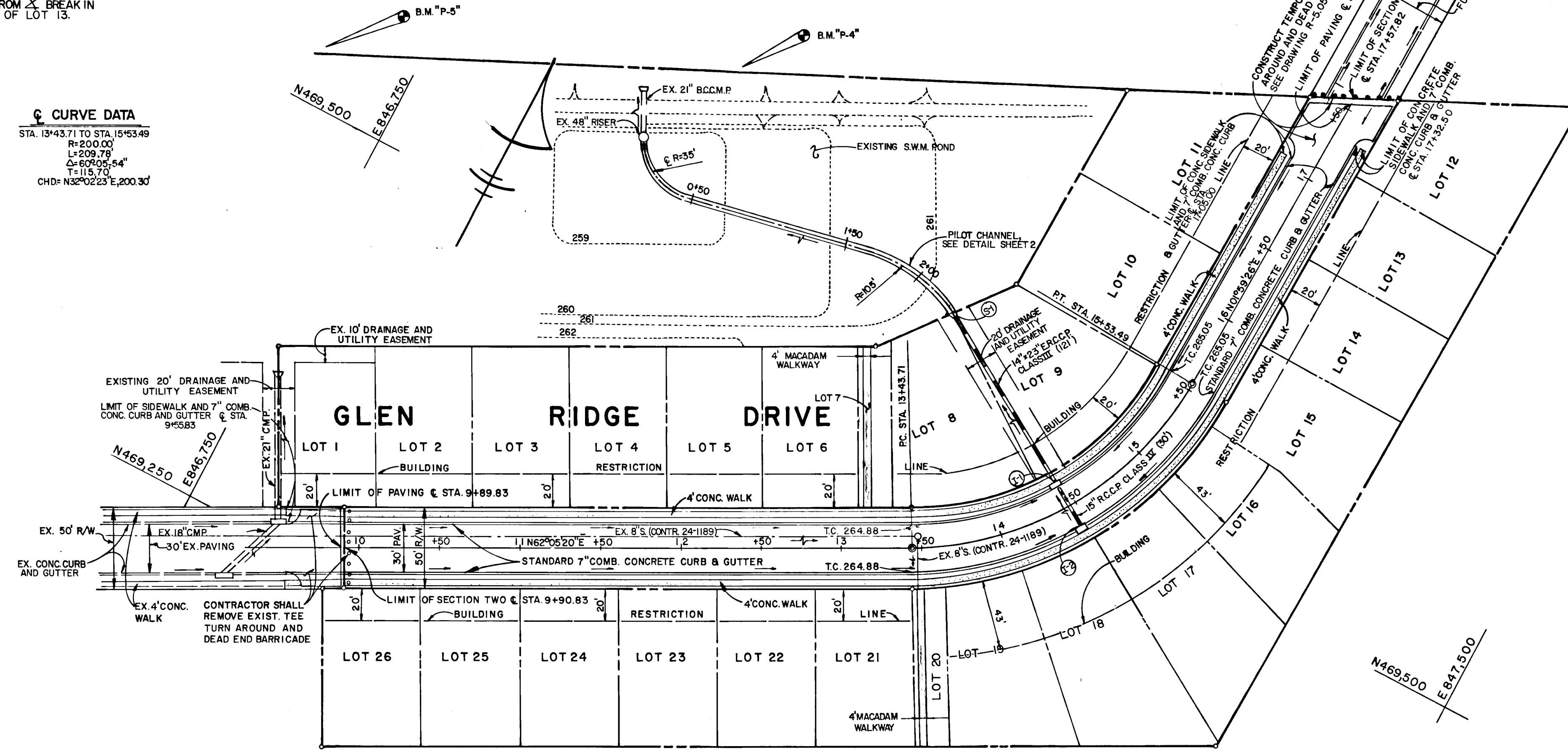
DEVELOPER'S CERTIFICATE
 I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF 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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE REQUIRED BY THE DISTRICT.
 ANDREW A. SOELLNER JR. 9-14-85
 DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS.
 James M. Johnson 12-18-85
 U.S. SOIL CONSERVATION SERVICE DATE

CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.
 Stephen L. Fuller 12/16/85
 HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

BENCH MARKS
 "B.M. P-4" ELEV. 257.44
 HUB SET 150' EAST FROM X BREAK IN REAR PROPERTY LINE OF LOT 13.
 "B.M. P-5" ELEV. 259.38
 HUB SET 410' EAST FROM X BREAK IN REAR PROPERTY LINE OF LOT 13.

CURVE DATA
 STA. 13+43.71 TO STA. 15+53.49
 R=200.00
 L=209.79
 Δ=60°05'.54"
 T=115.70
 CHD= NS0°02'25"E, 200.30'



VICINITY MAP
 SCALE: 1" = 1200'

STATE OF MARYLAND
 CHARLES J. CROVO SR. 9/14/85
 DATE

NORTH RIDGE SECTION THREE
 LOTS 1-26
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

GLEN RIDGE DRIVE PLAN AND PROFILE

OWNER AND DEVELOPER
 HILLRIDGE DEVELOPMENT COMPANY
 4206 SOUTHFIELD RD.
 ELLICOTT CITY, MARYLAND 21043

SCALE AS SHOWN DATE: SEPT 18, 1985 DWG. NO. 1 OF 3
 DES. C. CROVO SR. DRN. A. STEINBERG CHK. R. CARTER
 FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 8388 COURT AVE. ELLICOTT CITY, MARYLAND 21043

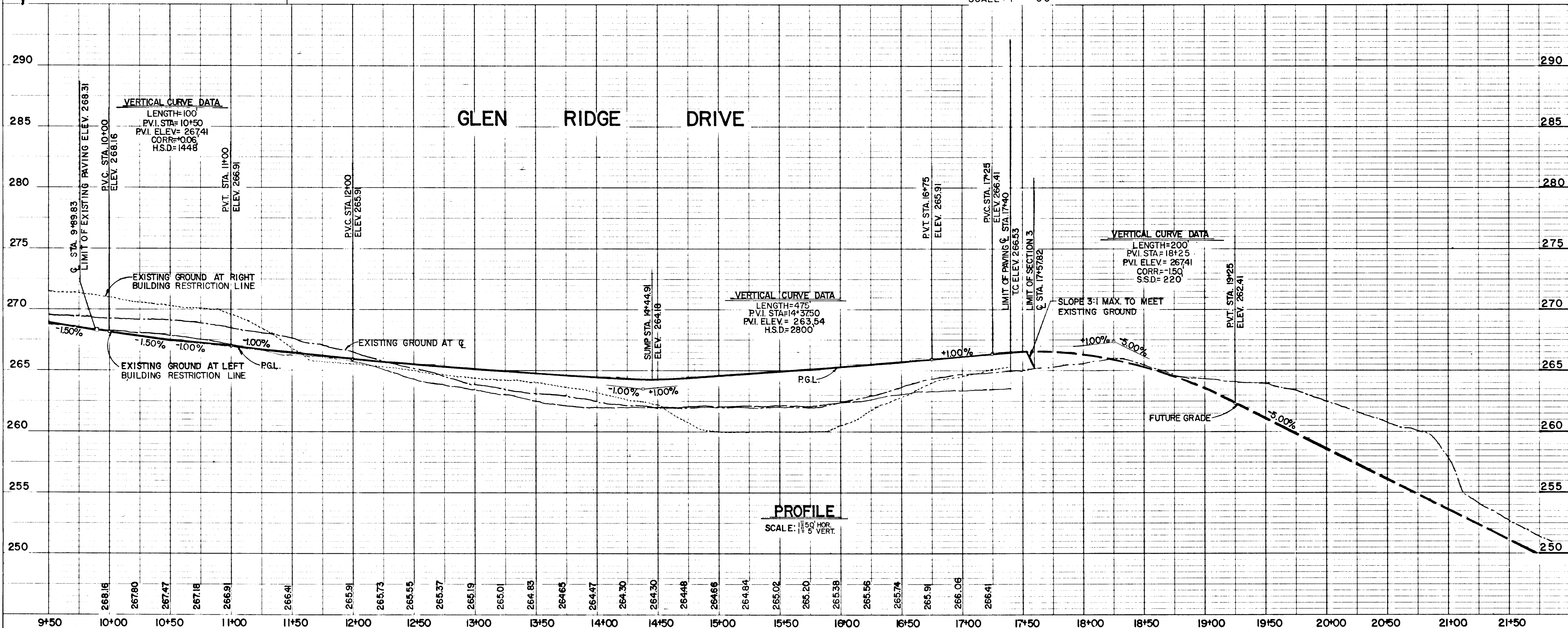
- GENERAL NOTES**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
 - ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HRS. IN ADVANCE OF ANY CONSTRUCTION.
 - STORM DRAINAGE TRENCHES WITHIN ROAD RIGHTS-OF-WAYS SHALL BE BACKFILLED AND COMPACTED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

APPROVED DEPARTMENT OF PUBLIC WORKS
 12-23-85
 DATE

APPROVED DEPARTMENT OF PLANNING AND ZONING
 12-19-85
 DATE

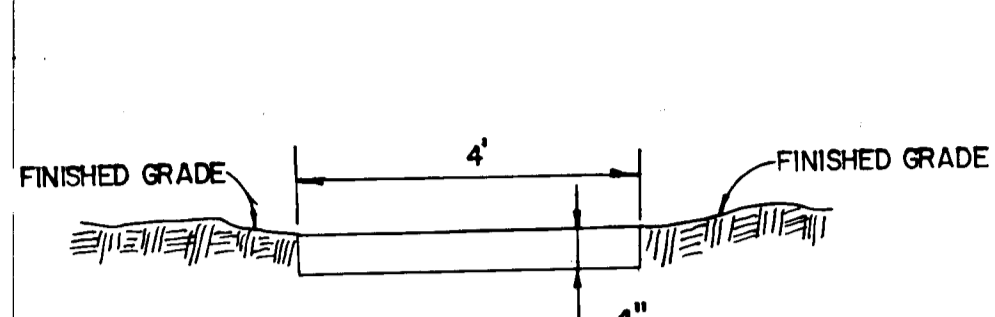
DATE	
BY	
PLAN	
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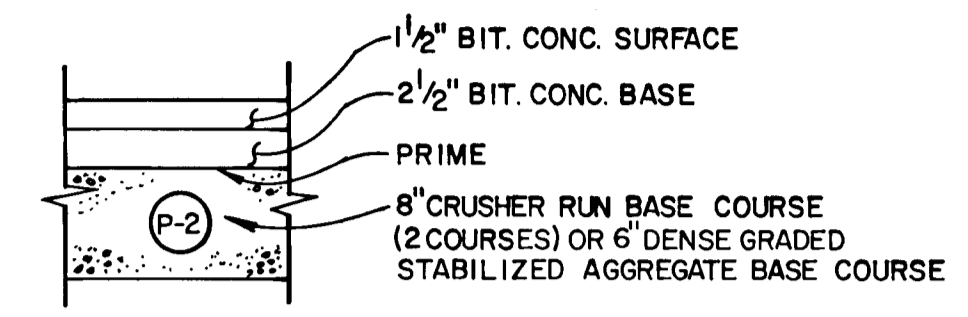


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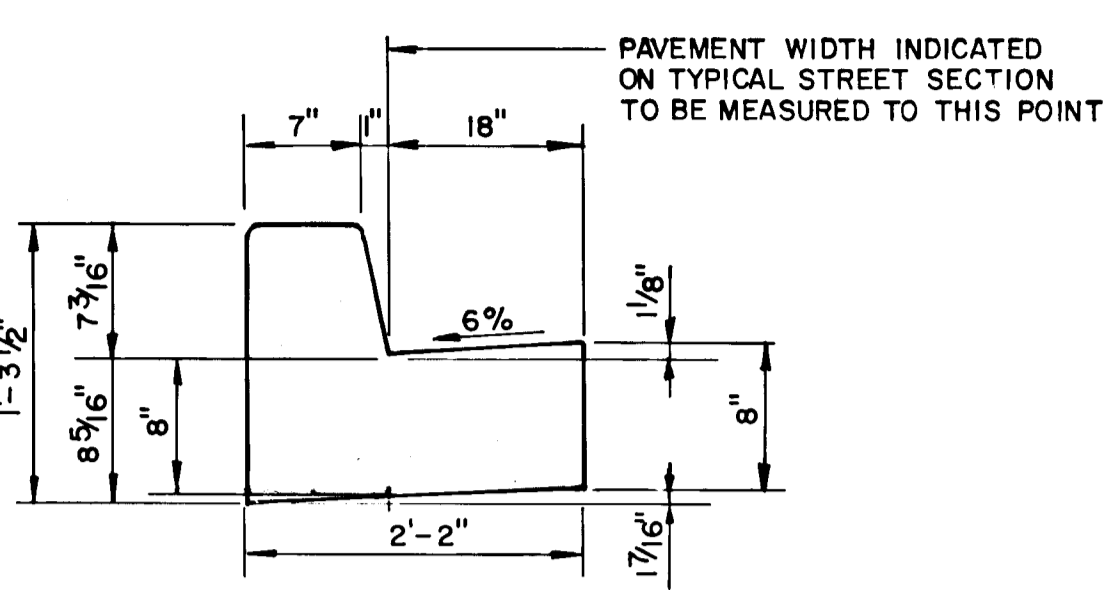
STRUCTURE SCHEDULE					
	TYPE	INVERT IN	INVERT OUT	TOP ELEVATION	REMARKS
I-1	A-5	260.84	260.79	264.18	14*44.91 DRAWING SD 4.01
I-2	A-5	261.13	264.18	264.18	14*44.91 DRAWING SD 4.01
S-1	TYPE "O" HEADWALL	260.03	260.00	262.45	DRAWING SD 5.42



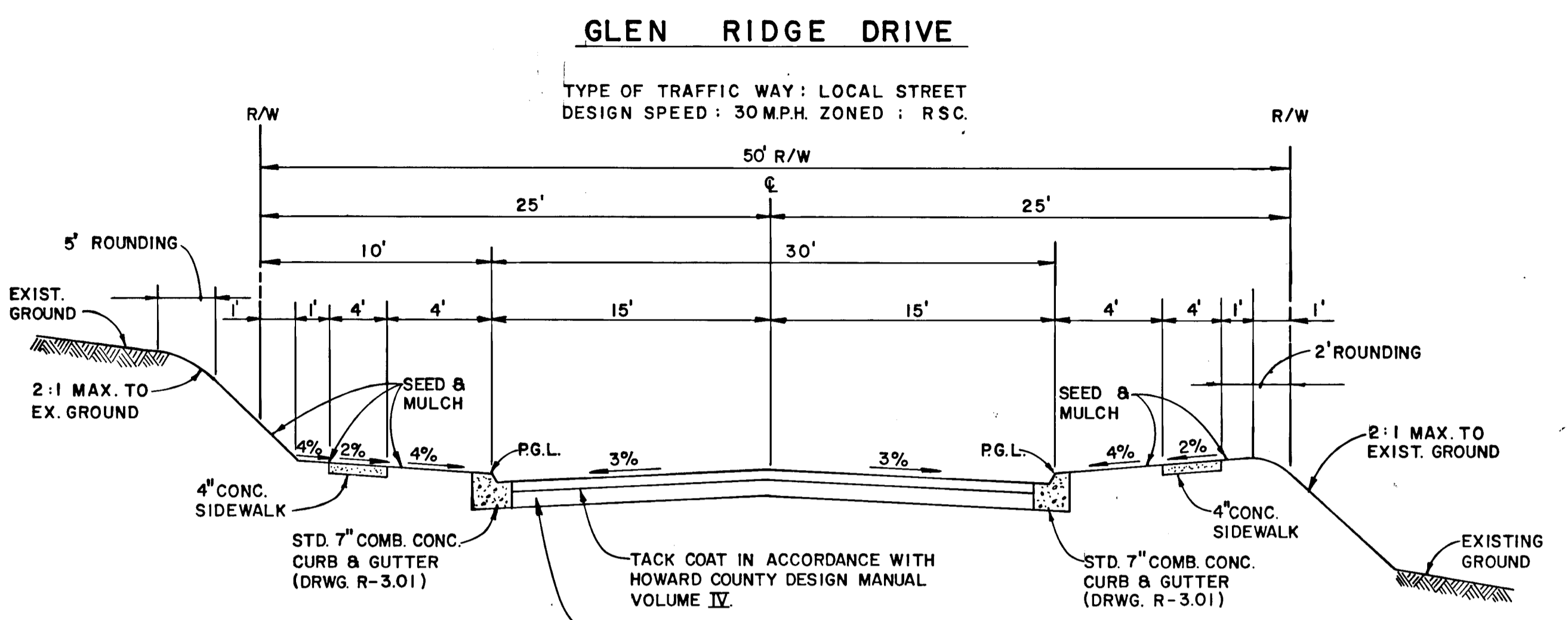
MACADAM WALKWAY DETAIL
NO SCALE



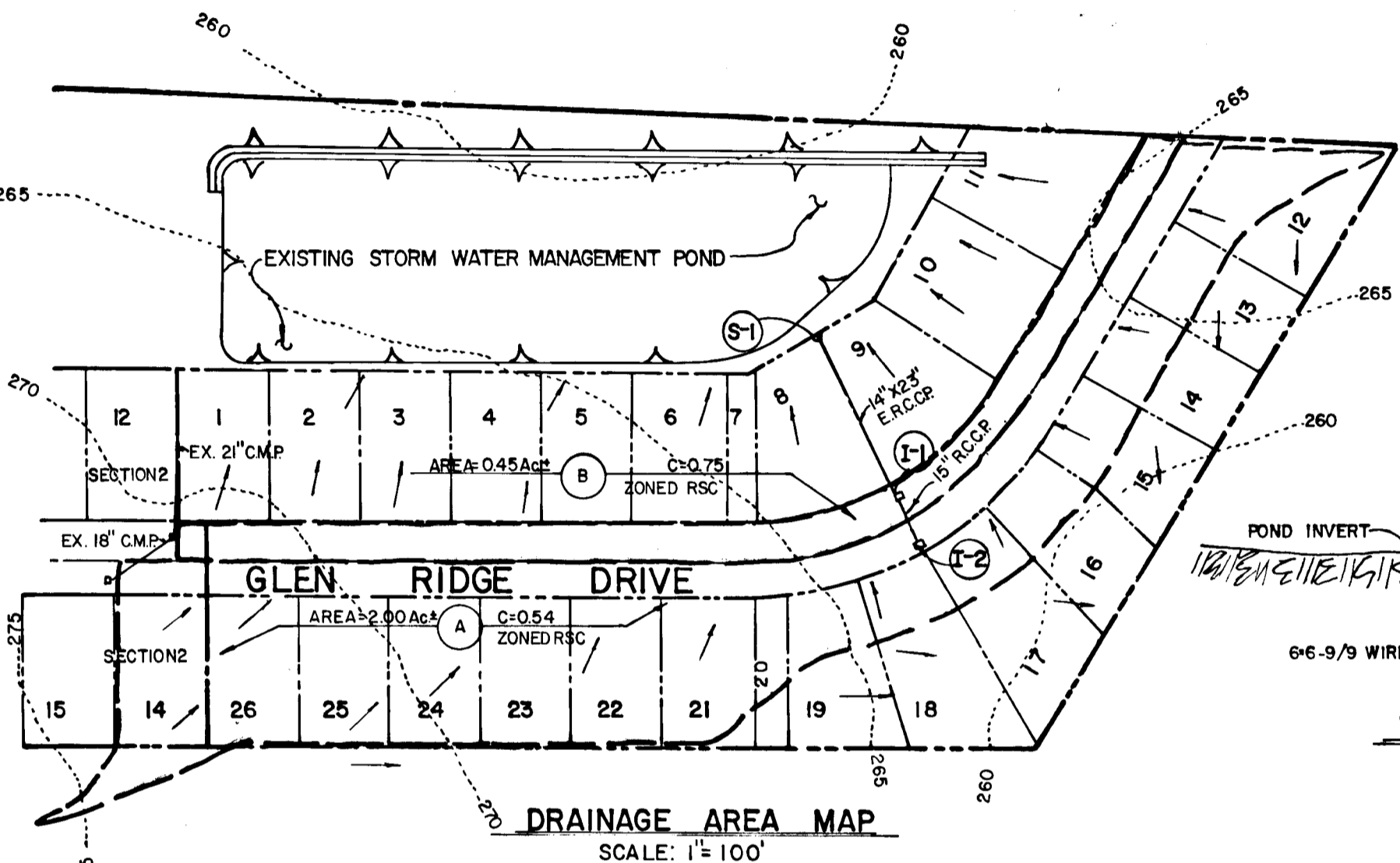
PAVING SECTION P-2
NO SCALE



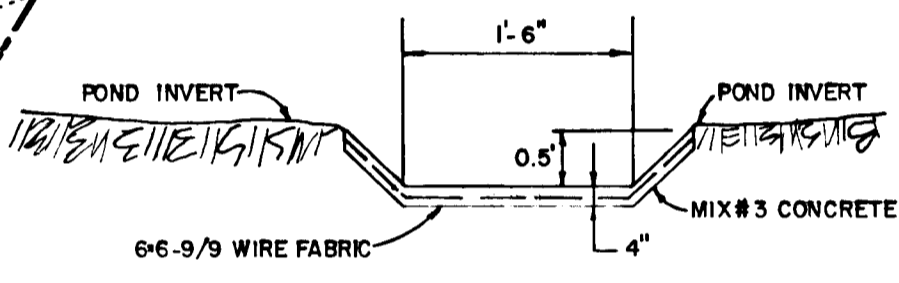
STANDARD SLOPE 7" COMB. CONC. CURB & GUTTER
NO SCALE



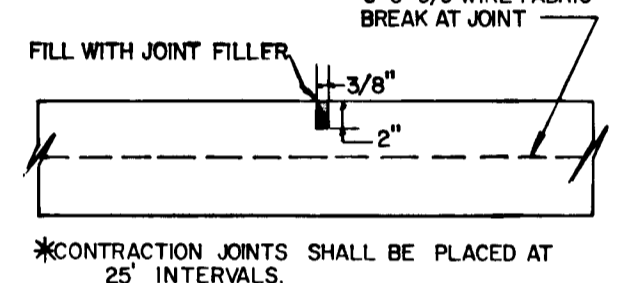
TYPICAL ROADWAY SECTION
NO SCALE



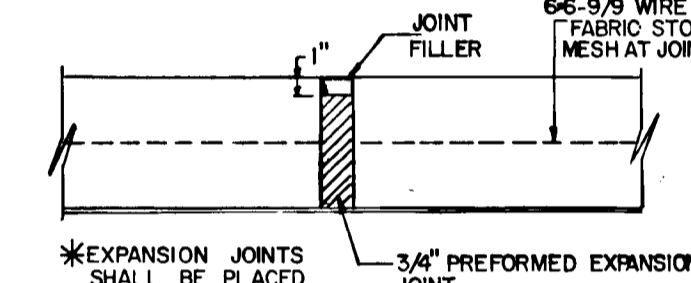
DRAINAGE AREA MAP
SCALE: 1" = 100'



PILOT CHANNEL DETAIL
NO SCALE



CONTRACTION JOINT
LAP WIRE FABRIC MIN 6"
NO SCALE



TYPICAL EXPANSION JOINT
NO SCALE

NORTH RIDGE
SECTION THREE
LOTS 1-26
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

OWNER AND DEVELOPER
HILLRIDGE DEVELOPMENT COMPANY
4206 SOUTHFIELD RD.
ELLCOTT CITY, MARYLAND 21043

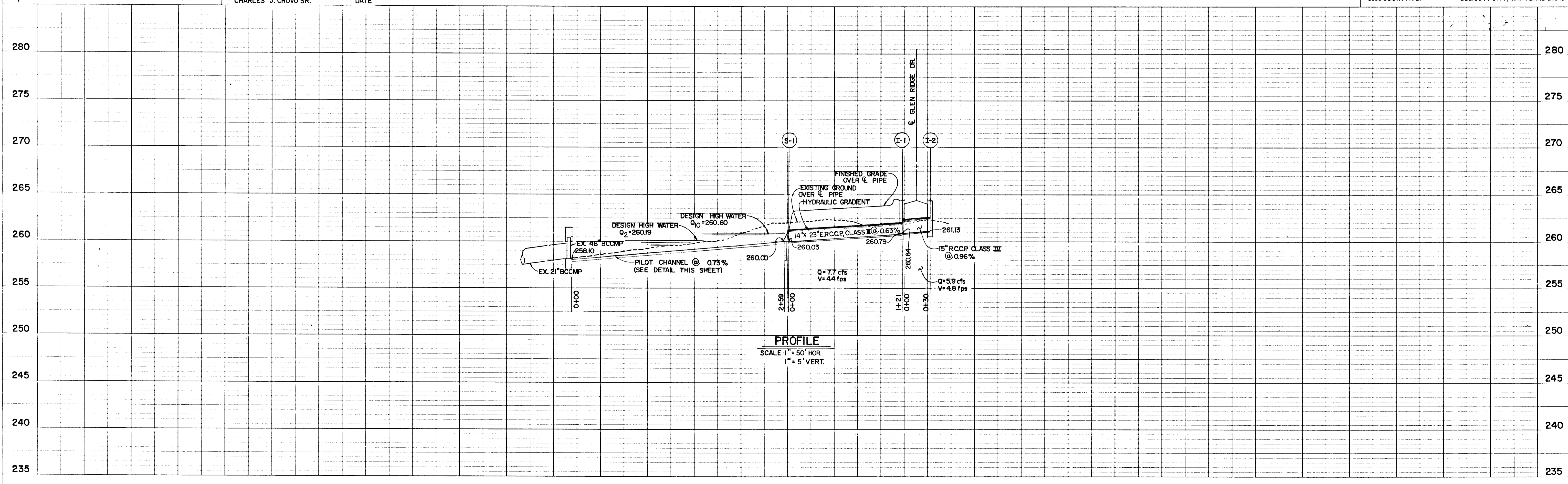
SCALE AS SHOWN DATE SEPT 18, 1985 DWG. NO. 2 OF 3
DES. C. CROVO SR. DRN. A. STEINBERG CHK. R. CARTER

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

APPROVED
DEPARTMENT OF PUBLIC WORKS
[Signature] 12-23-85
DATE

APPROVED
OFFICE OF PLANNING AND ZONING
[Signature] 12-19-85
DATE

STATE OF MARYLAND
CHARLES J. CROVO SR.
REGISTERED PROFESSIONAL ENGINEER
NO. 13204
EXPIRES 12/31/88
9/18/85
DATE

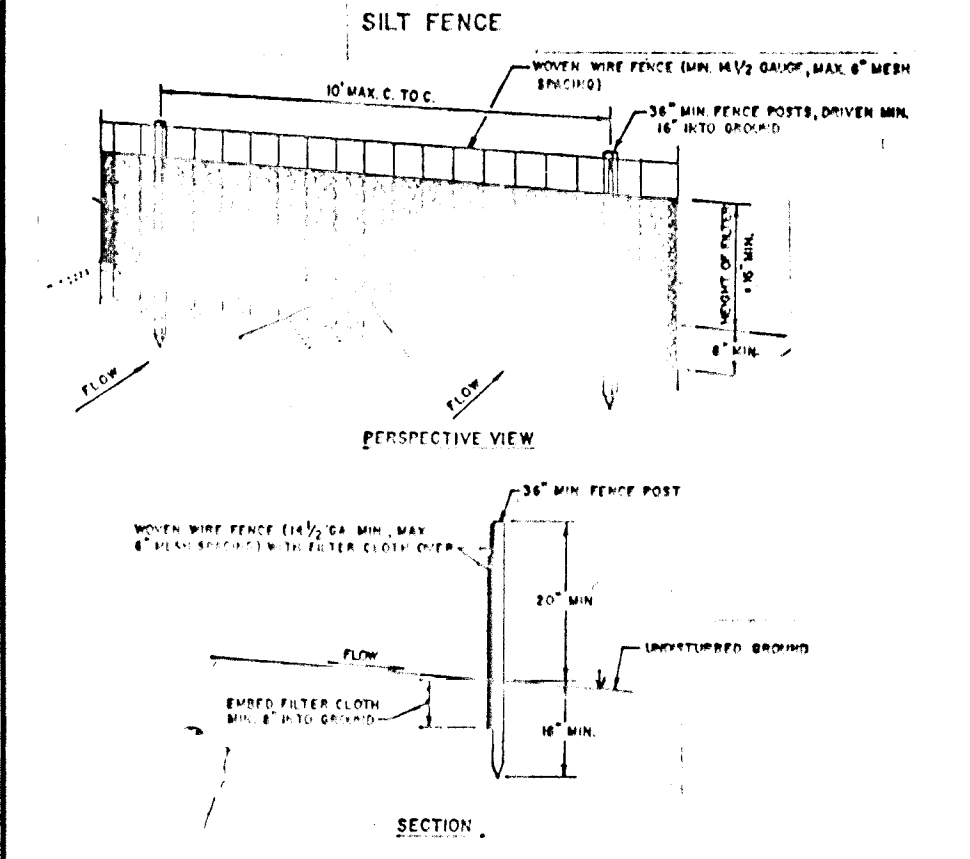


PROFILE
SCALE: 1" = 50' HOR.
1" = 5' VERT.

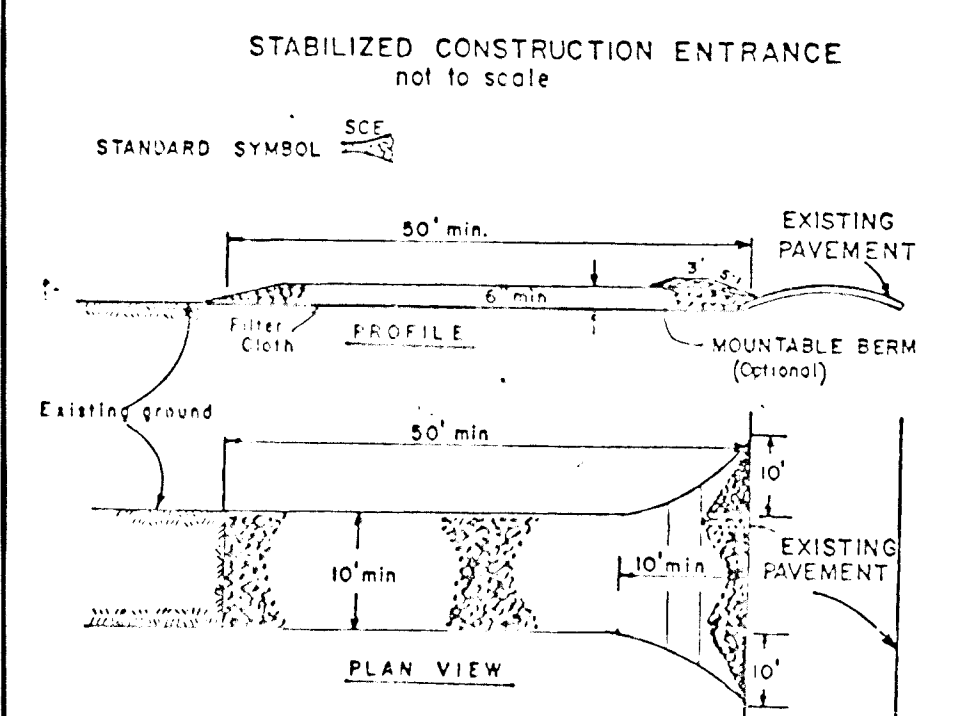
PLAN
NO. _____
DATE _____
BY _____
CHECKED _____
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PROFILE
NO. _____
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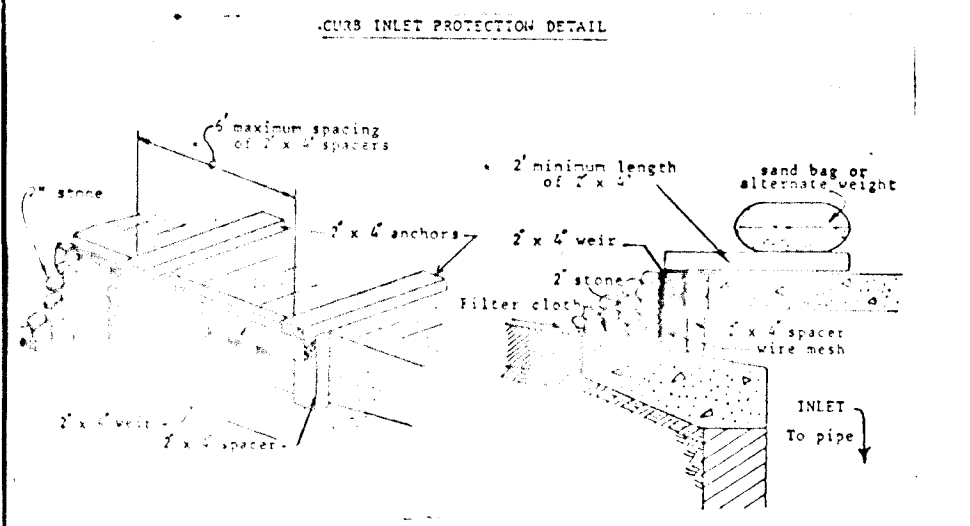
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- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:**
- When wire fence is fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to wire mesh with 1/2 inch staples every 2' at top and mid-section.
 - When two sections of filter cloth abut each other they shall be overlapped by 8 to 12 inches and fastened.
 - Maintenance shall be performed as specified with the following notes:
- ROOTS:** Steel either T or U type or 1/2" x 3/4" x 1/8" galvanized.
- FENCE:** Heavy wire, 1/2" x 6" max. mesh opening.
- FILTER CLOTH:** Filter X, 1/2" x 100% silt, 1/2" x 100% silt, 1/2" x 100% silt.
- PREPARATION:** Unit: Geotextile, 1/2" x 100% silt, 1/2" x 100% silt.

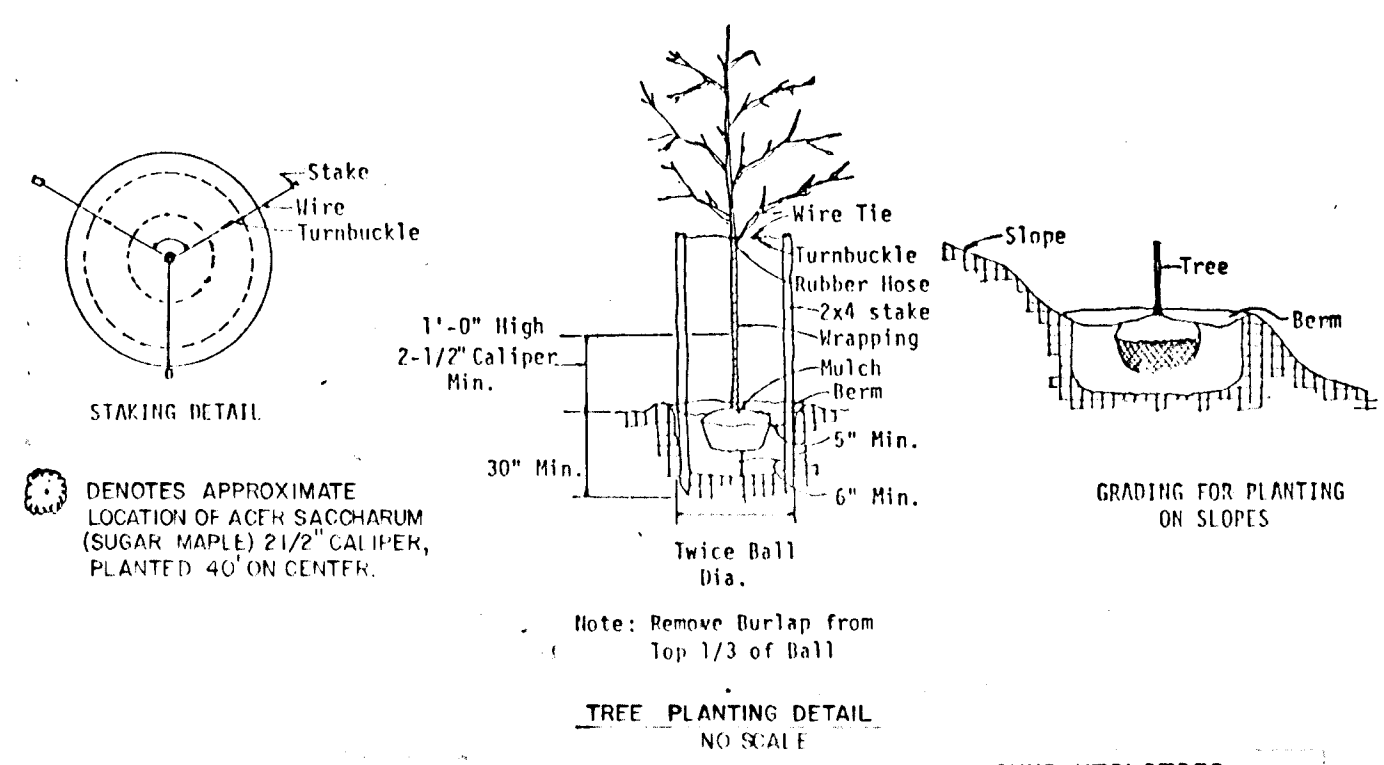


- CONSTRUCTION SPECIFICATIONS:**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet (except on a single residential lot where a 30 foot minimum length would apply).
 - Thickness - Not less than six (6) inches.
 - Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 - Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residential lot.
 - Surface Water - All surface water flowing or directed toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 3/4" holes will be permitted.
 - 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 cleanup of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
 - 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.
 - Periodic inspection and needed maintenance shall be provided after each rain.

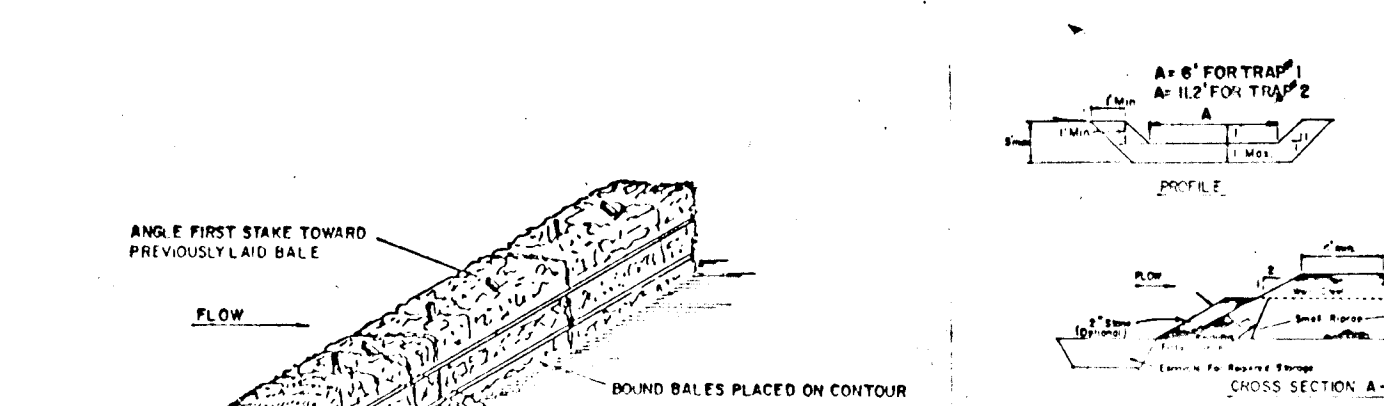
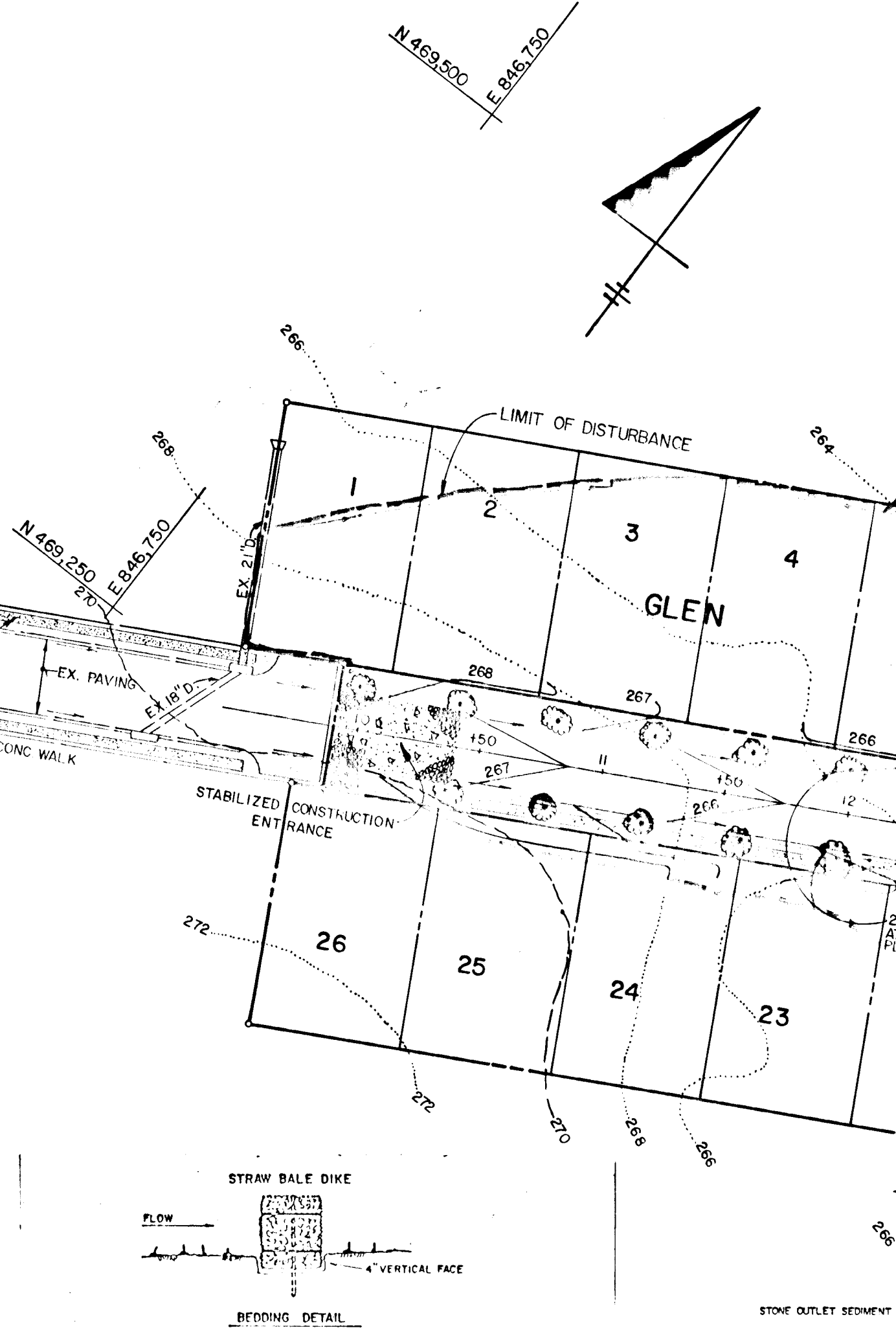


- Curb Inlet Protection:**
- Attach a continuous piece of wire mesh (30" min. width by throat length plus 4") to the 2" x 4" weir (measuring throat length plus 4") as shown on the standard drawing.
 - Place a piece of approved filter cloth (40-80 sieve) of the same dimensions as the wire mesh over the wire mesh and securely attach to the 2" x 4" weir.
 - Securely nail the 2" x 4" weir to 9" long vertical supports to be located between the weir and inlet face (max. 6' apart).
 - Place the assembly against the inlet throat and nail (minimum 2" length of 2" x 4" on top of the weir at access locations. Three 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.
 - The assembly shall be placed so that the end supports are a minimum 1" beyond both ends of the throat opening.
 - 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 cloth in such a manner as to prevent water from entering the inlet under or around the filter cloth.
 - This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.
 - Assure that storm flow does not bypass inlet by installing temporary earth or asphalt dikes directing flow into inlet.

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8288 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
TELEPHONE: (301) 461-2855

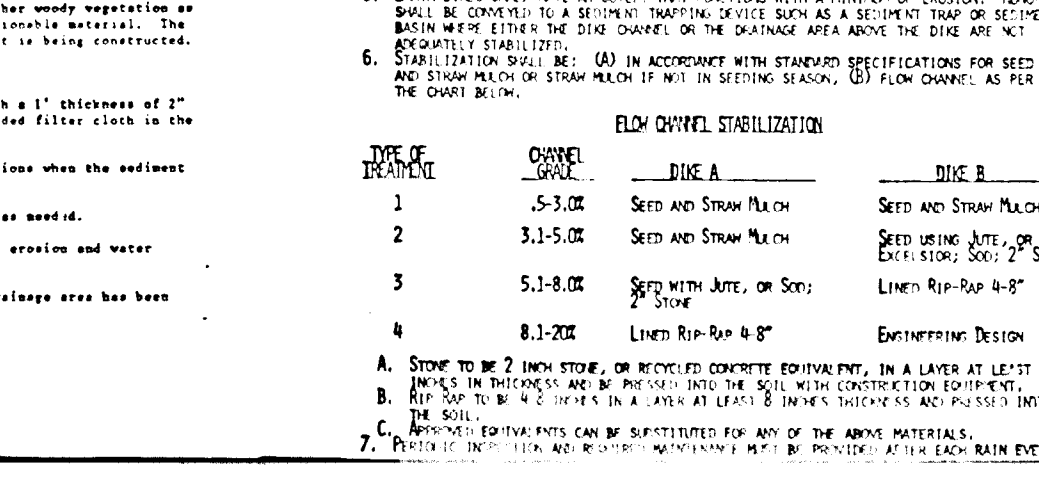
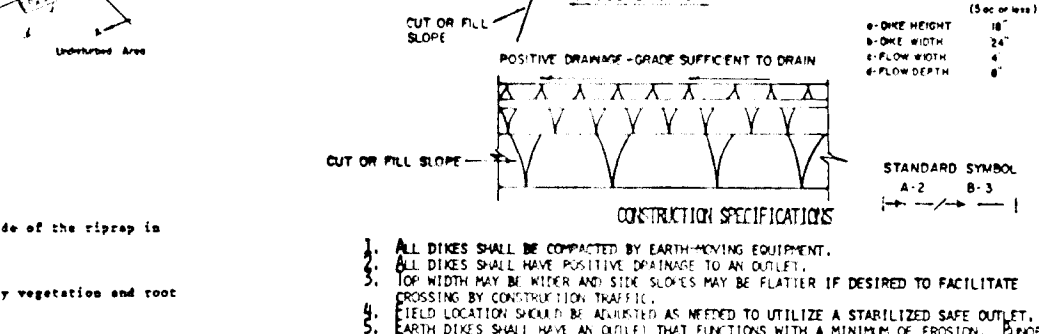
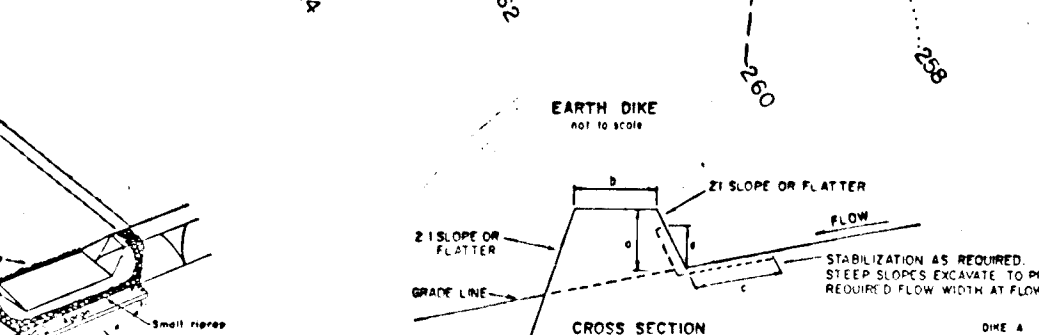
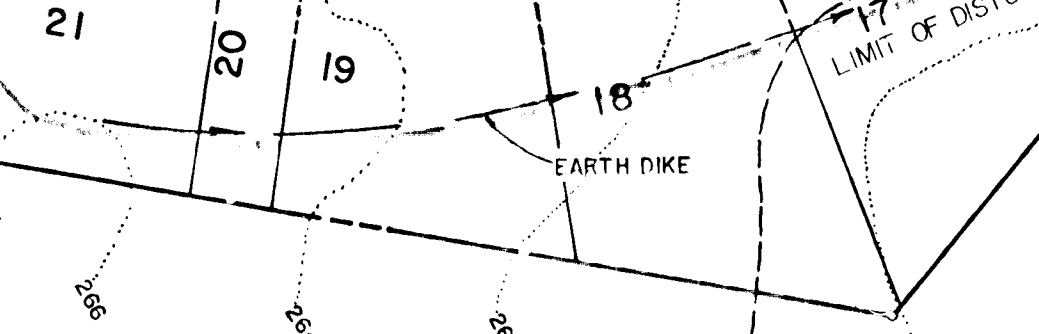
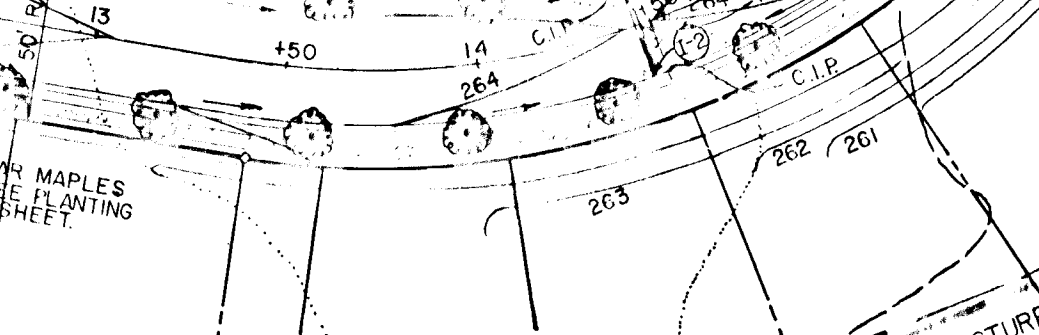
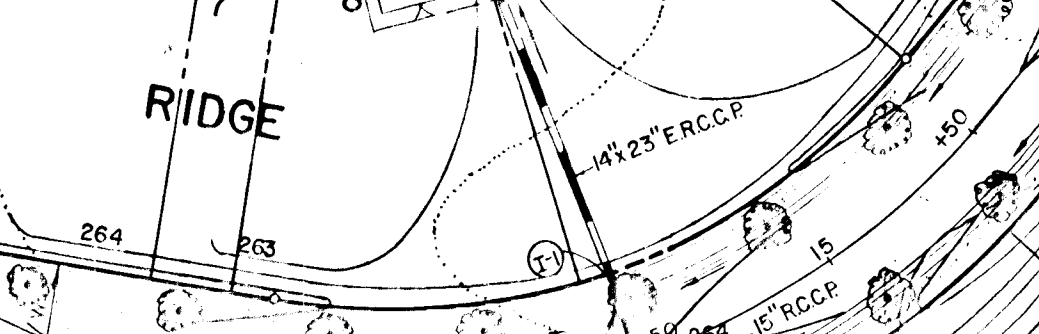
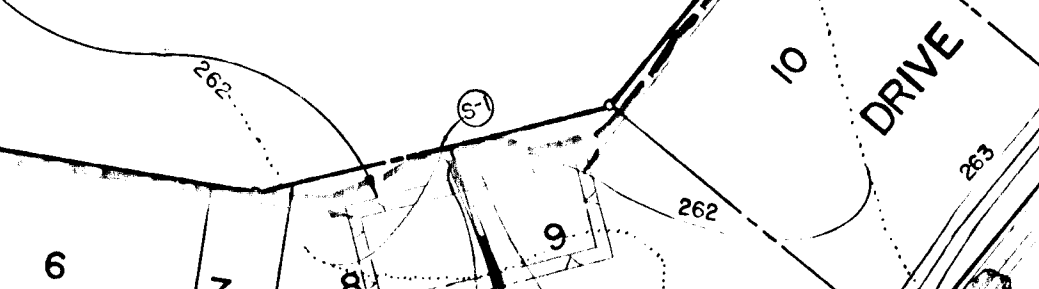
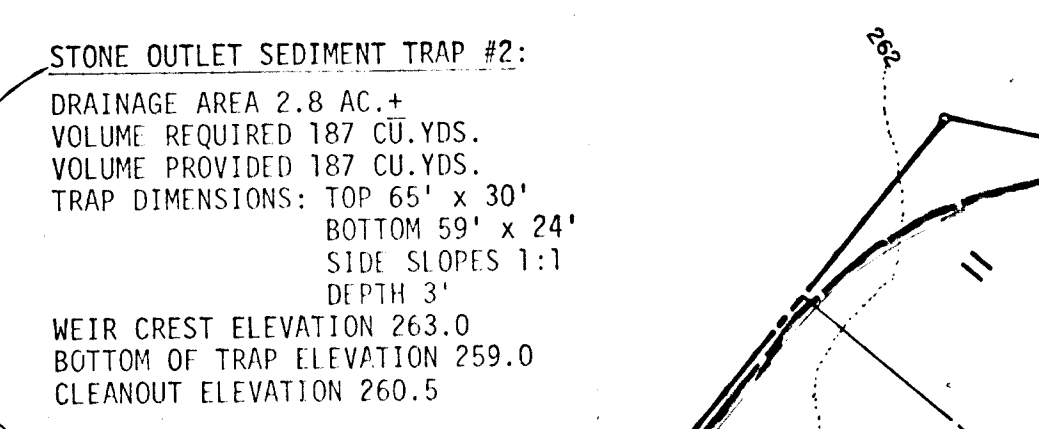


NOTE: CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND UTILITIES PRIOR TO DIGGING. FINAL LOCATIONS OF TREES MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE FIELD CONDITIONS. PLANTING PROCEDURES SHALL COMPLY WITH "LANDSCAPE SPECIFICATIONS FOR BALTIMORE-WASHINGTON METROPOLITAN AREAS". SUBSTITUTIONS TO THE ABOVE SPECIES MAY BE PERMITTED, PROVIDED THAT THE PLANTING IS IN ACCORDANCE WITH THE STREET TREE AND LANDSCAPE REQUIREMENTS AS SPECIFIED IN SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS.

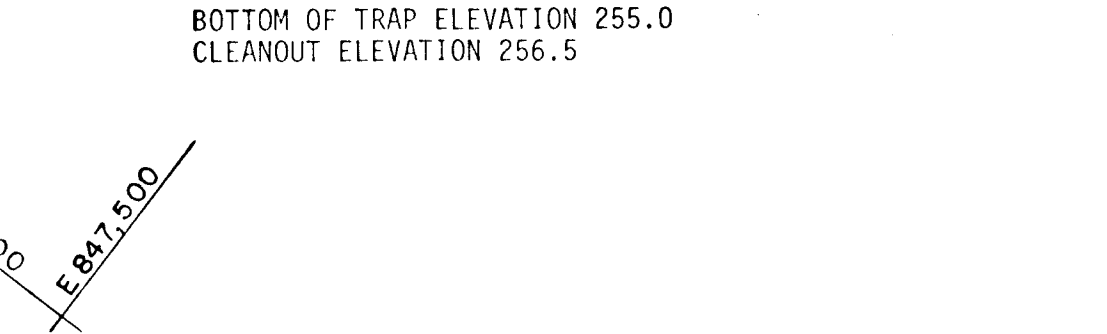
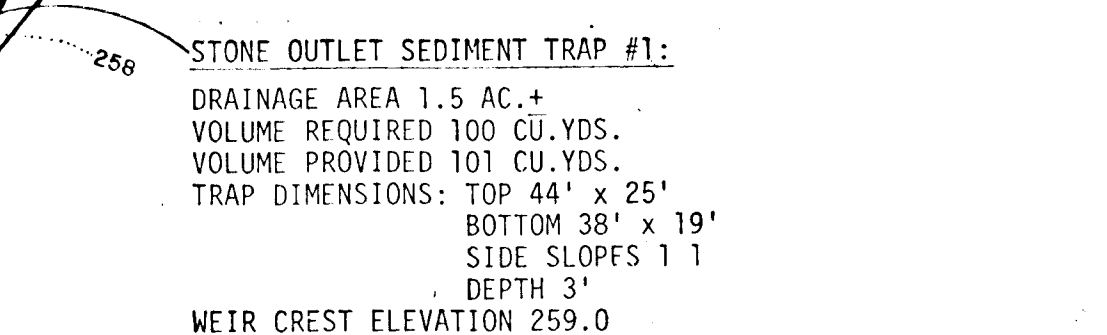
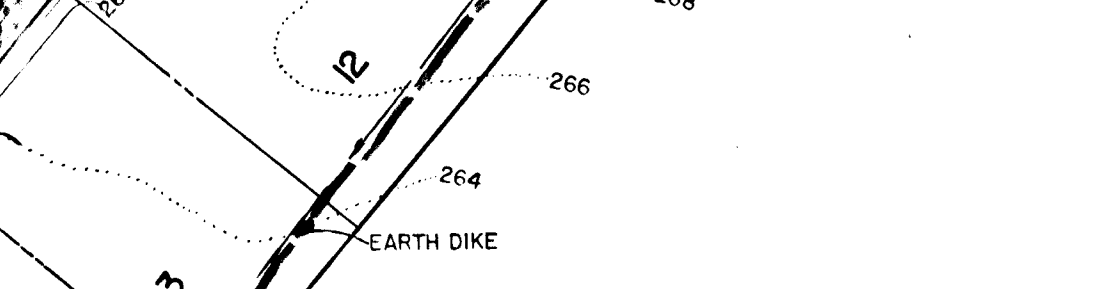
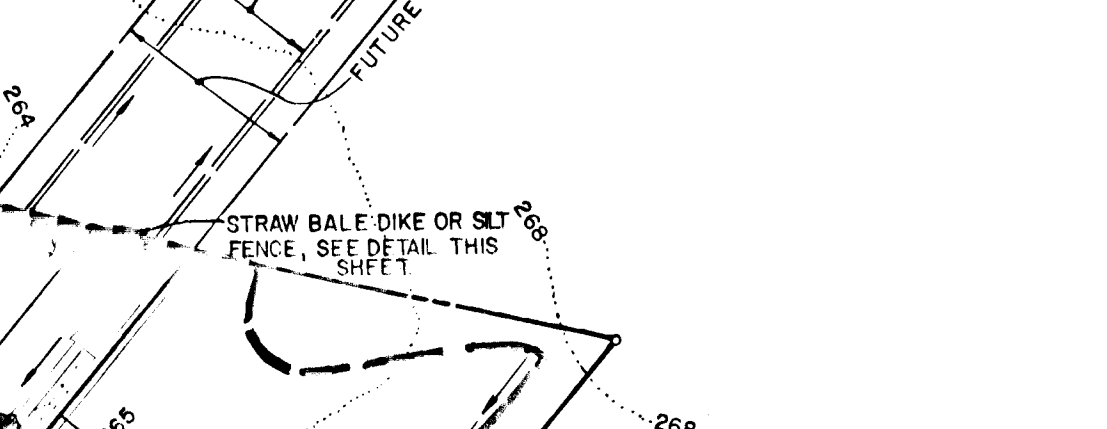


- STONE OUTLET SEDIMENT TRAP #1:**
DRAINAGE AREA 1.5 AC. +
VOLUME REQUIRED 100 CU.YDS.
VOLUME PROVIDED 101 CU.YDS.
TRAP DIMENSIONS: TOP 44" x 25"
BOTTOM 38" x 19"
SIDE SLOPES 1:1
DEPTH 3'
WEIR CREST ELEVATION 259.0
BOTTOM OF TRAP ELEVATION 255.0
CLEANOUT ELEVATION 256.5
- STONE OUTLET SEDIMENT TRAP #2:**
DRAINAGE AREA 2.8 AC. +
VOLUME REQUIRED 187 CU.YDS.
VOLUME PROVIDED 187 CU.YDS.
TRAP DIMENSIONS: TOP 65' x 30"
BOTTOM 59' x 24"
SIDE SLOPES 1:1
DEPTH 3'
WEIR CREST ELEVATION 263.0
BOTTOM OF TRAP ELEVATION 259.0
CLEANOUT ELEVATION 260.5
- CONSTRUCTION SPECIFICATIONS:**
- Area water accumulation shall be prevented by removal of any vegetation and tree stumps. The soil surface shall be graded and compacted.
 - The fill material for the construction shall be free of roots and other woody vegetation as well as other objectionable material of such quantities as to cause objection to the contractor or to cause a health hazard to the public.
 - All cut and fill slopes shall be 2:1 or flatter.
 - The stone used in the outlet shall be small stones 1/4" to 1/2" in diameter with a 1/2" thickness of 2" aggregate placed on the top surface and on the small slope of the outlet. The outlet shall be 2" deep.
 - Aggregate shall be removed and top surface to original dimensions when the outlet has been accumulated to the design depth of the trap.
 - 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 is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
- Minimum Drainage Area: 5 Acres

- CONSTRUCTION SEQUENCE:**
- OBTAIN GRADING PERMIT.
 - CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE.
 - CONSTRUCT EARTH DIKES AND STONE OUTLET SEDIMENT TRAP #1. STABILIZE USING TEMPORARY SEEDING.
 - GRADE ROADS TO SUBGRADE STABILIZING SLOPE AREAS BETWEEN EXISTING GROUND AND BACK OF CURB USING PERMANENT SEEDING.
 - CONSTRUCT STORM DRAIN SYSTEM TO STONE OUTLET SEDIMENT TRAP #2. THE REMAINING STORM DRAIN SYSTEM CAN BE CONSTRUCTED WHEN PERMISSION FOR REMOVAL OF THE TRAP HAS BEEN MADE BY THE SEDIMENT CONTROL INSPECTOR.
 - INSTALL INLET PROTECTION DEVICES AT STORM DRAIN INLETS.
 - CONSTRUCT CONCRETE CURB AND LAY BASE COURSE.
 - UPON STABILIZATION OF GRADED AREAS, THE INLETS SHALL BE OPENED AND ALL ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE STORM DRAIN SYSTEM.
 - DURING CONSTRUCTION SEDIMENT SHALL BE REMOVED FROM THE STONE OUTLET SEDIMENT TRAPS WHEN THE CLEANOUT ELEVATIONS FOR TRAP #1, 256.5, AND TRAP #2, 260.5 HAVE BEEN REACHED.
 - DURING CONSTRUCTION AND AFTER EACH RAINFALL, THE CONTRACTOR SHALL INSPECT AND PROVIDE NECESSARY MAINTENANCE ON THE SEDIMENT AND EROSION CONTROL STRUCTURES SHOWN HEREON.
 - REMOVE STONE CONSTRUCTION ENTRANCE.
 - CLEAN BASE COURSE, APPLY TACK COAT TO BASE COURSES AND LAY SURFACE COURSE. STABILIZE ALL SHOULDERS USING PERMANENT SEEDING.
 - ALL DISTURBED AREAS DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED BY PERMANENT SEEDING.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE ACCEPTED WITH: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, WALES, DITCH PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; b) 14 DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.



- PERMANENT SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULE:
- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ.FT.).
 - ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (20 LBS/1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.
- SEEDING:** FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 50 LBS PER ACRE (11.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND 2 LBS PER ACRE (.05 LBS/1000 SQ.FT.) OF WEEDING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.
- MULCHING:** APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.
- MAINTENANCE:** INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
- TEMPORARY SEEDING NOTES:**
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDBED PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.).
- SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 25 BUSHES PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEDING LOVEGRASS (.07 LBS/1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.
- MULCHING:** APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.
- REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.



- SEDIMENT CONTROL NOTES:**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (1992-2437).
 - ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1; 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 57) SOO (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER SEEDING AND ESTABLISHMENT OF GRASSES.
 - ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
 - SITE ANALYSIS:
- | | | |
|------------------------------------|-----|----------|
| TOTAL AREA OF SITE | 4.6 | ACRES |
| AREA DISTURBED | 3.4 | ACRES |
| AREA TO BE ROOFED OR PAVED | 0.7 | ACRES |
| AREA TO BE VEGETATIVELY STABILIZED | 2.7 | ACRES |
| TOTAL CUT | 0.0 | CU. YDS. |
| TOTAL FILL | 0.0 | CU. YDS. |
| OFFSITE WASTE/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 DPW SEDIMENT CONTROL INSPECTOR.

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL IS A PRACTICAL AND WORKABLE PLAN AND THAT I HAVE PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT THE SAME HAVE BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Charles C. ... 9/19/85

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND CONSTRUCTION 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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS REQUIRED BY THE DISTRICT.

James M. ... 9-14-85

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

James M. ... 12-18-85

U.S. SOIL CONSERVATION SERVICE DATE

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

Stephen L. ... 12-18-85

DISTRICT DATE

APPROVED: DEPARTMENT OF PUBLIC WORKS.

James M. ... 12-23-85

CHIEF, BUREAU OF ENGINEERING DATE

John M. ... 12-19-85

APPROVED: OFFICE OF PLANNING AND ZONING AND ZONING ADMINISTRATION

OWNER AND DEVELOPER
HILLRIDGE DEVELOPMENT COMPANY
4206 SOUTHFIELD RD.
ELLCOTT CITY, MARYLAND 21043

STREET TREE, GRADING, AND SEDIMENT CONTROL PLAN

NORTH RIDGE
SECTION 3, LOTS 1-26
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN SHEET 3 OF 3 SEPTEMBER 1985

STATE OF MARYLAND
DEPARTMENT OF NATURAL RESOURCES
SOIL CONSERVATION DISTRICT
PROFESSIONAL ENGINEER
Charles C. ... 9/19/85