

GENERAL NOTES

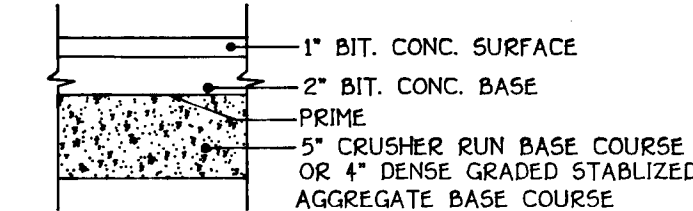
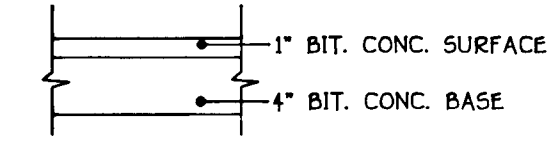
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT (410) 313-1080 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- PROJECT BACKGROUND:
LOCATION: TRIADELPHIA ROAD AND CARROLL MILL ROAD
ZONING: R2
TAX MAP 22 PARCEL 571
ELECTION DISTRICT: 3rd
SECTION/AREA: 13/1
TOTAL TRACT AREA: 29,459 AC.
NUMBER OF PROPOSED LOTS: 7
- THIS SUBDIVISION IS SUBJECT TO WAIVER WP 91-171 FROM SECTIONS 16.19 AND 16.20 TO WAIVE SKETCH AND PRELIMINARY PLANS; 16.116.6 TO ALLOW GRADING IN THE 100 YEAR FLOODPLAIN FOR THE PURPOSE OF A USE-IN-COMMON DRIVEWAY CONSTRUCTION; 16.116.6 TO ALLOW GRADING WITHIN THE 25' WETLANDS BUFFERS AND 75' STREAM BUFFERS FOR THE CONSTRUCTION OF A USE-IN-COMMON DRIVEWAY; 16.115.4 TO ALLOW ACCESS ONTO A MAJOR COLLECTOR ROADWAY.
- TRAFFIC CONTROL DEVICES, MARKINGS, AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.
- FIELD SURVEY PERFORMED ON JUNE 12, 1992 BY FISHER, COLLINS AND CARTER, INC. THE TOPOGRAPHY SHOWN ON THIS PLAN IS ON A 1' CONTOUR INTERVAL.
- THIS PLAN IS BASED ON THE FOLLOWING HOWARD COUNTY CONTROL STATIONS:

STA.	NORTH	EAST	ELEV.
3237003	526288.359	817035.057	447.89
3237004	526949.344	816924.527	403.36
- PRIVATE WATER AND SEWER WILL BE USED WITHIN THIS SUBDIVISION.
- A FLOODPLAIN CONFORMATION STUDY IS PROVIDED BY FISHER, COLLINS AND CARTER, INC. ON JUNE 11, 1992.
- THE WETLANDS ANALYSIS WAS PERFORMED BY M.A. DIRCKS AND CO., INC. ON JUNE 11, 1992.
- FOR THE DRIVEWAY ENTRANCE DETAIL AND SPECIFICATIONS WITHIN THE PUBLIC RIGHT-OF-WAY, SEE HOWARD COUNTY DESIGN MANUAL VOLUME IV "STANDARD SPECIFICATIONS AND DETAILS" DETAIL 26.06. AND THIS PLAN.

192' L.F. GUARD RAIL AS PER DETAIL R.7.13 DESIGN MANUAL VOLUME IV TO BE PLACED 2' OFF THE EDGE OF ROAD
 @ STA. -3+50 TO @ STA. -5+50
 ALSO SEE DETAIL SHEET 2 OF 2

PROP. 4" P-1 SHOULDER FROM STA. -1+00 TO STA. -3+50 SEE SHEET 2 OF 2

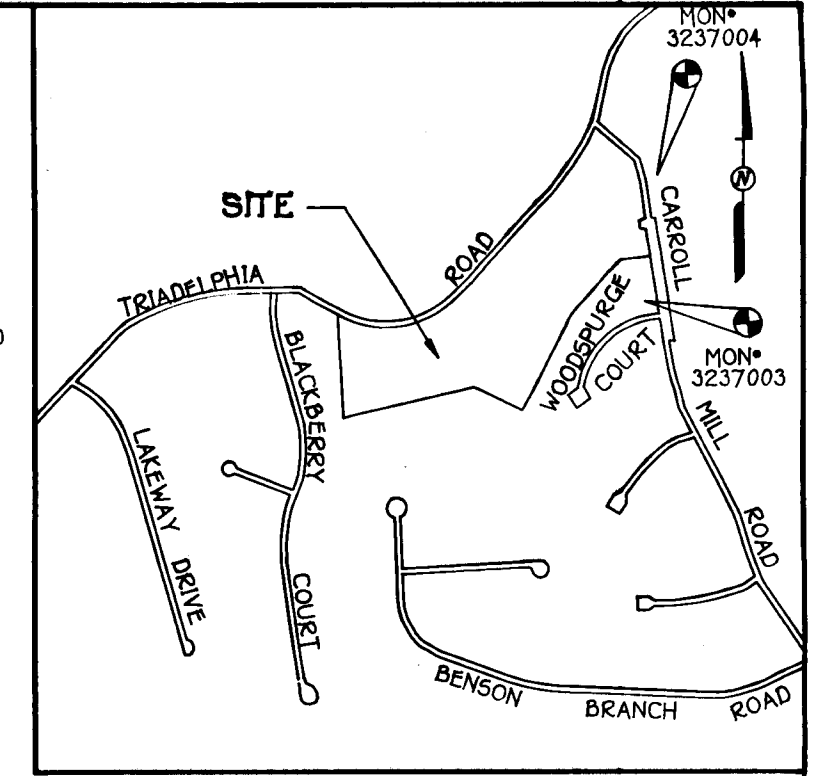
TRIADELPHIA ROAD
 CLASSIFICATION: MAJOR COLLECTOR
 POSTED SPEED LIMIT: 30 MPH
 ZONED: R2



P-1 PAVING SECTIONS

NOTE: P-1 PAVING SECTION TO BE UTILIZED FOR THE CONSTRUCTION OF THE SHOULDER AND THE DRIVEWAY ENTRANCE WITHIN THE LIMITS OF THE PUBLIC RIGHT-OF-WAY.

TYPICAL SECTION
 NOT TO SCALE



VICINITY MAP
 SCALE: 1"=1200'

REV. NO.	DATE	DESCRIPTION
1	9/30/97	REDUCE THE LENGTH OF THE ACCELERATION AND DECELERATION LANE

APPROVED
 DEPARTMENT OF PUBLIC WORKS

Chad Damm 2/6/93 DATE
 CHIEF, LAND DEVELOPMENT DIVISION

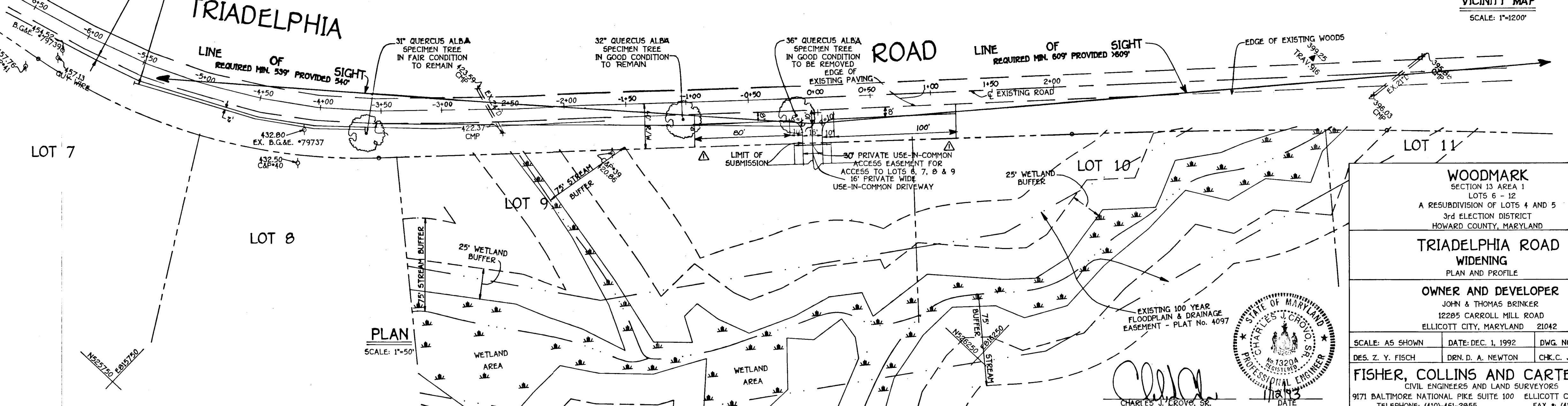
Chad Damm 2/9/93 DATE
 CHIEF, BUREAU OF HIGHWAYS

APPROVED
 DEPARTMENT OF PUBLIC WORKS

William S. Reilly 2-11-93 DATE
 CHIEF, BUREAU OF ENGINEERING

APPROVED
 DEPARTMENT OF PLANNING AND ZONING

Anna Helms 2/22/93 DATE
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

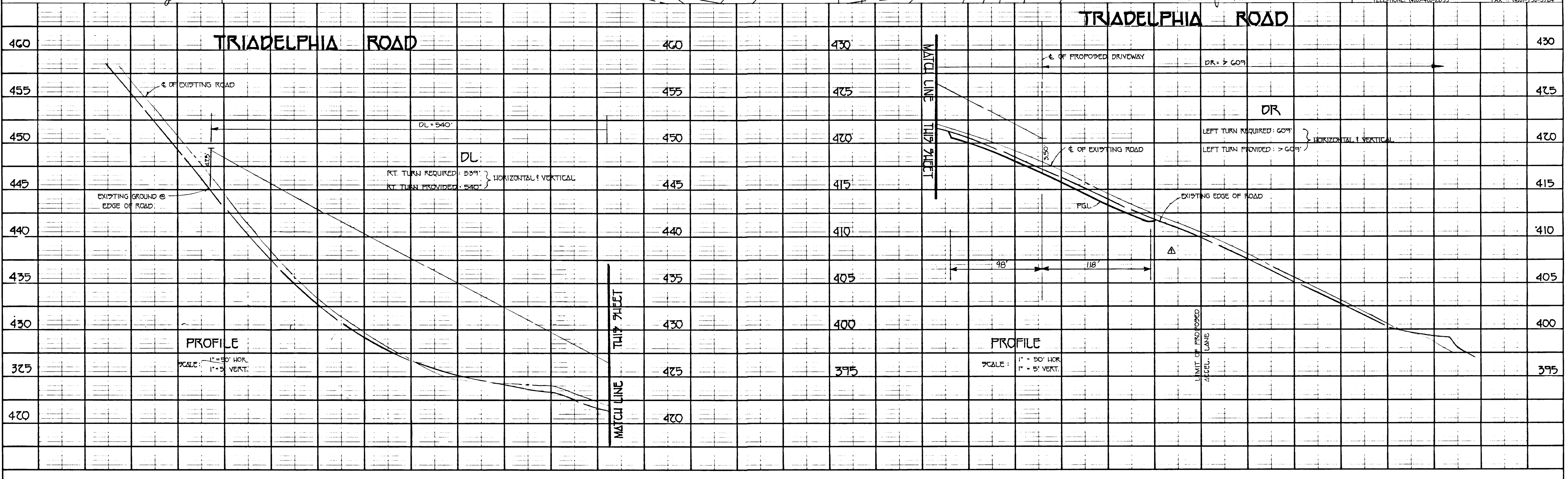


WOODMARK
 SECTION 13 AREA 1
 LOTS 6 - 12
 A RESUBDIVISION OF LOTS 4 AND 5
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TRIADELPHIA ROAD
 WIDENING
 PLAN AND PROFILE

OWNER AND DEVELOPER
 JOHN & THOMAS BRINKER
 12285 CARROLL MILL ROAD
 ELLICOTT CITY, MARYLAND 21042

SCALE: AS SHOWN DATE: DEC. 1, 1992 DWG. NO. 1 OF 2
 DES. Z. Y. FISCH DRN. D. A. NEWTON CHK. C. J. CROVO, SR.
FISHER, COLLINS AND CARTER, INC.
 CIVIL ENGINEERS AND LAND SURVEYORS
 9171 BALTIMORE NATIONAL PIKE SUITE 100 ELLICOTT CITY, MD. 21042
 TELEPHONE: (410) 451-2855 FAX: (410) 750-3784



44

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 CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

1/12/93 DATE
 SIGNATURE OF ENGINEER

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.

1/13/93 DATE
 SIGNATURE OF DEVELOPER

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 4/1/93 DATE
 SOIL CONSERVATION SERVICE

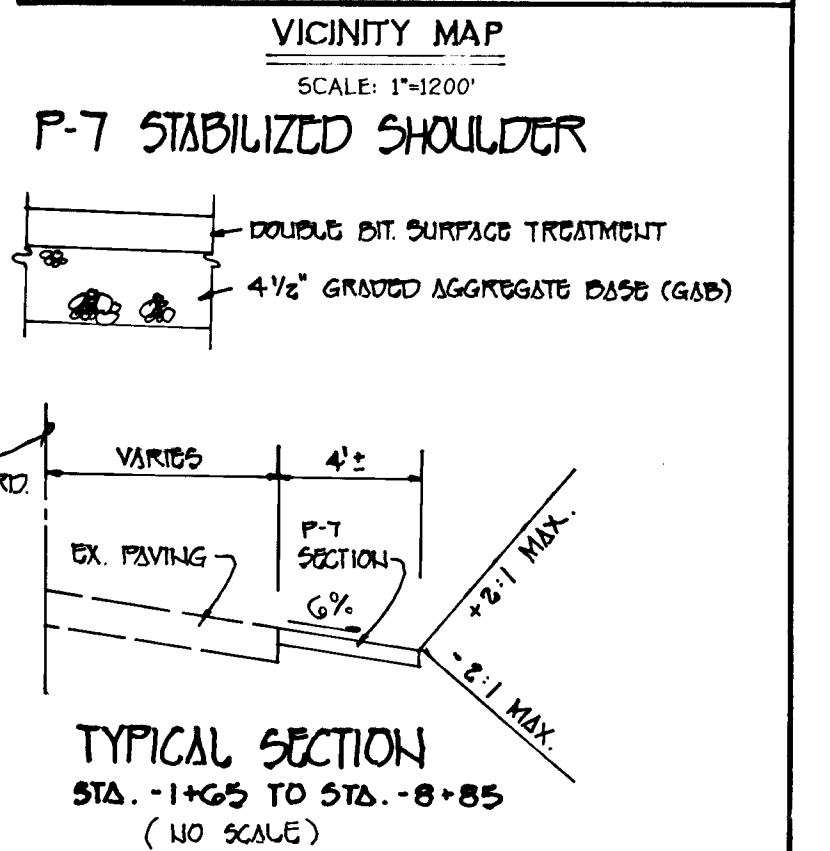
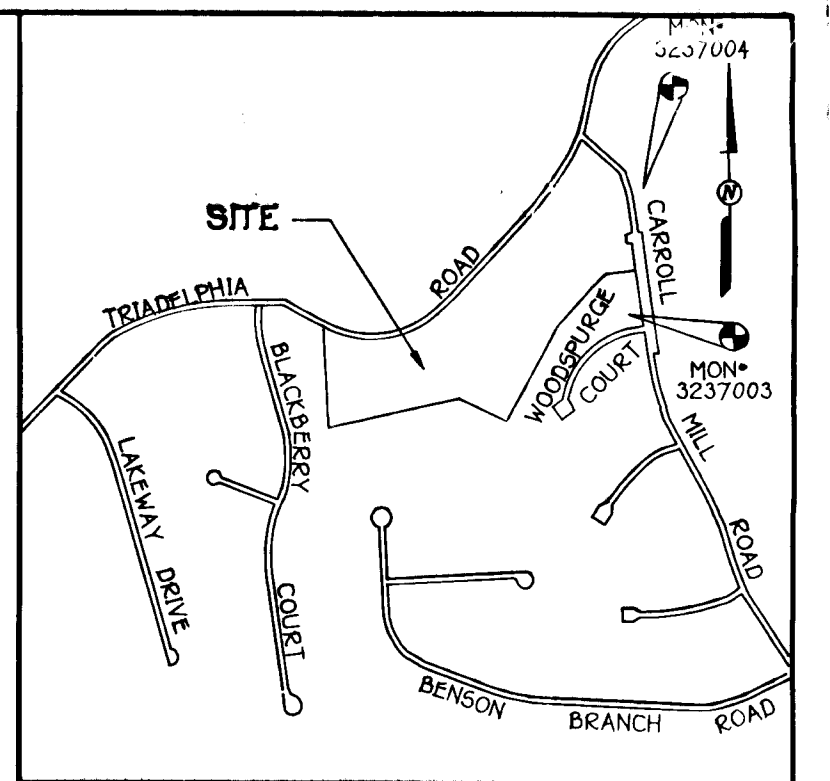
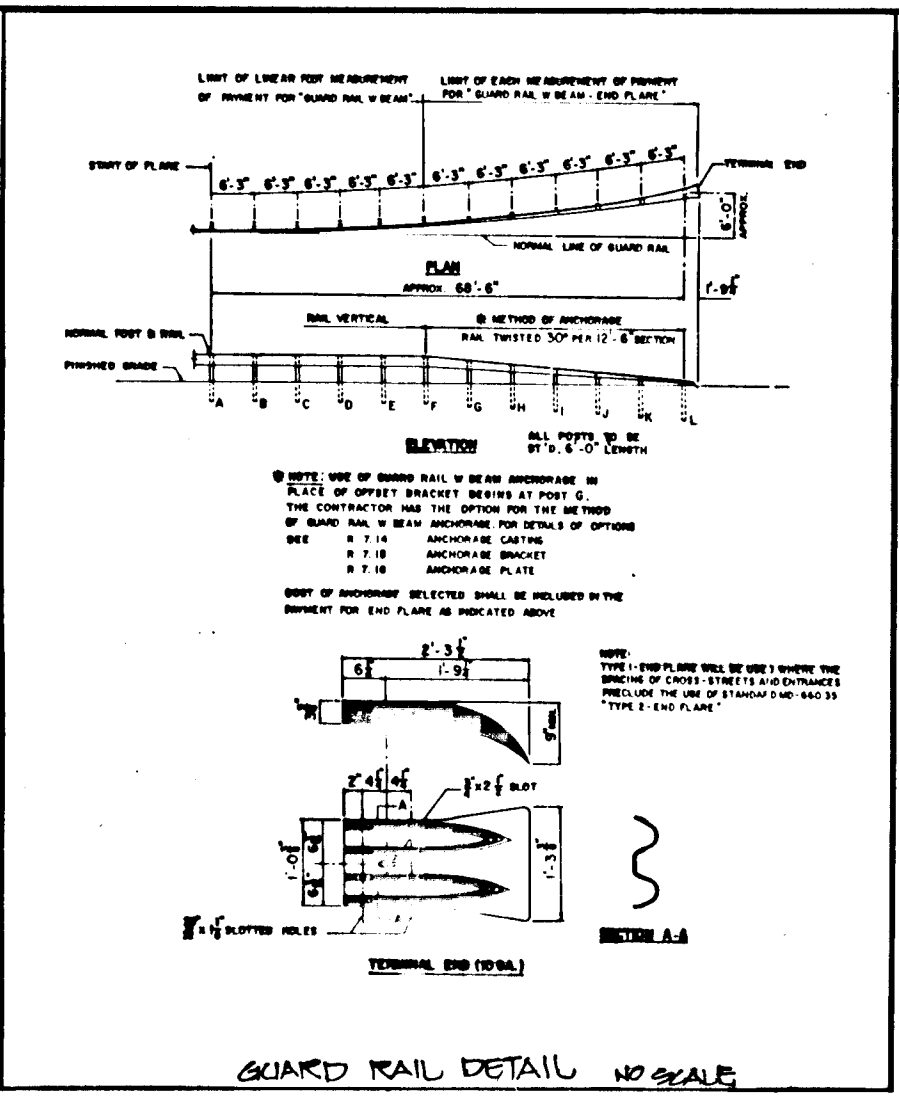
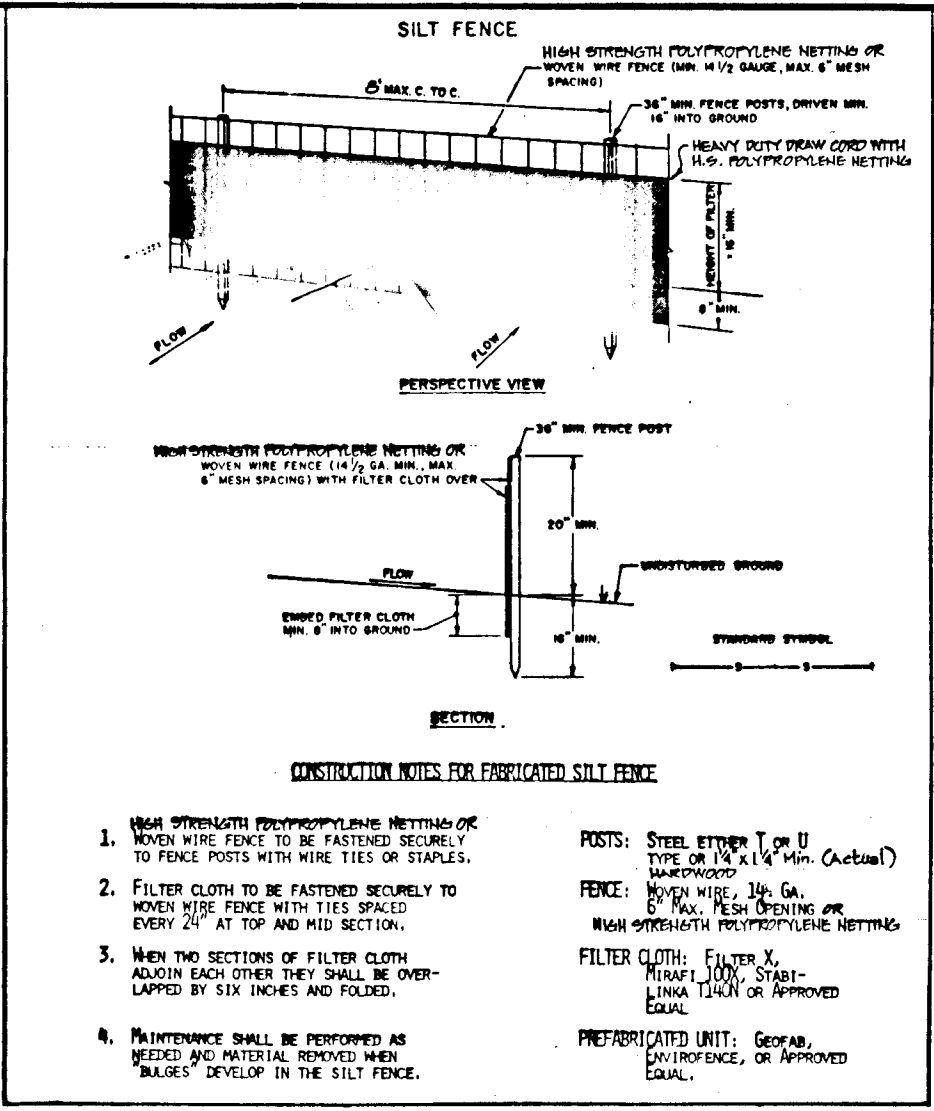
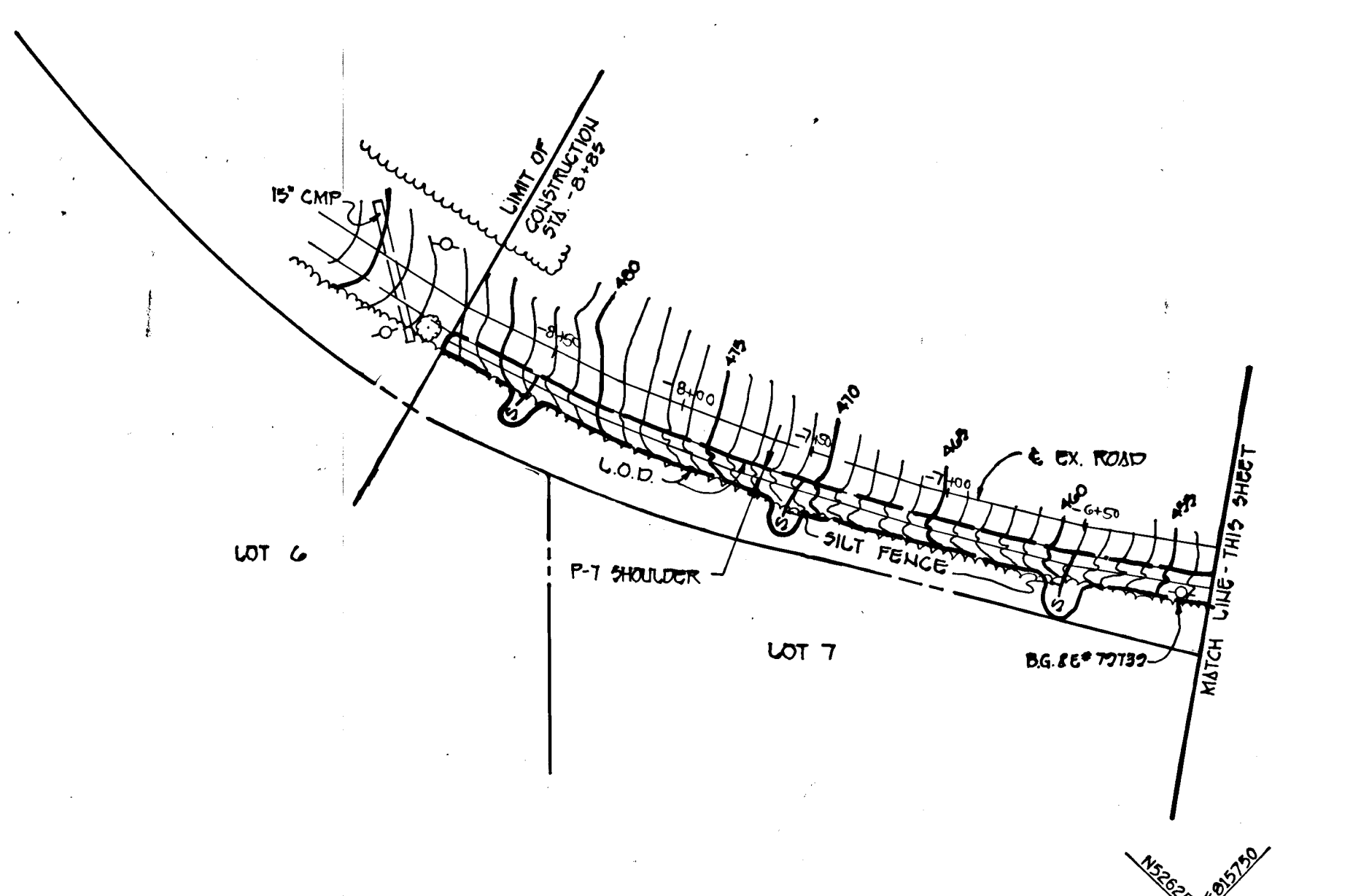
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 4/1/93 DATE
 SOIL CONSERVATION DIST.

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 2/22/93 DATE
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

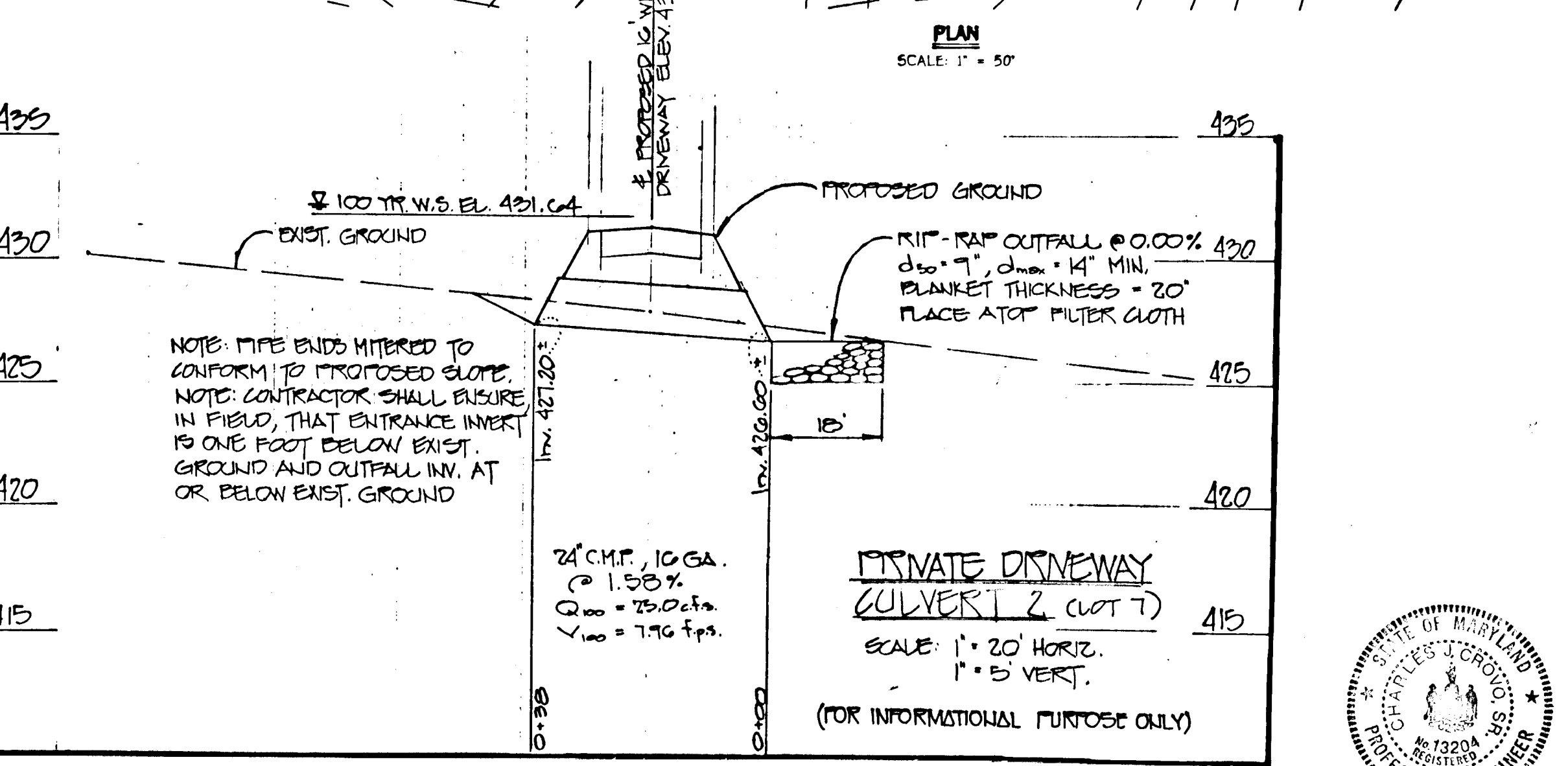
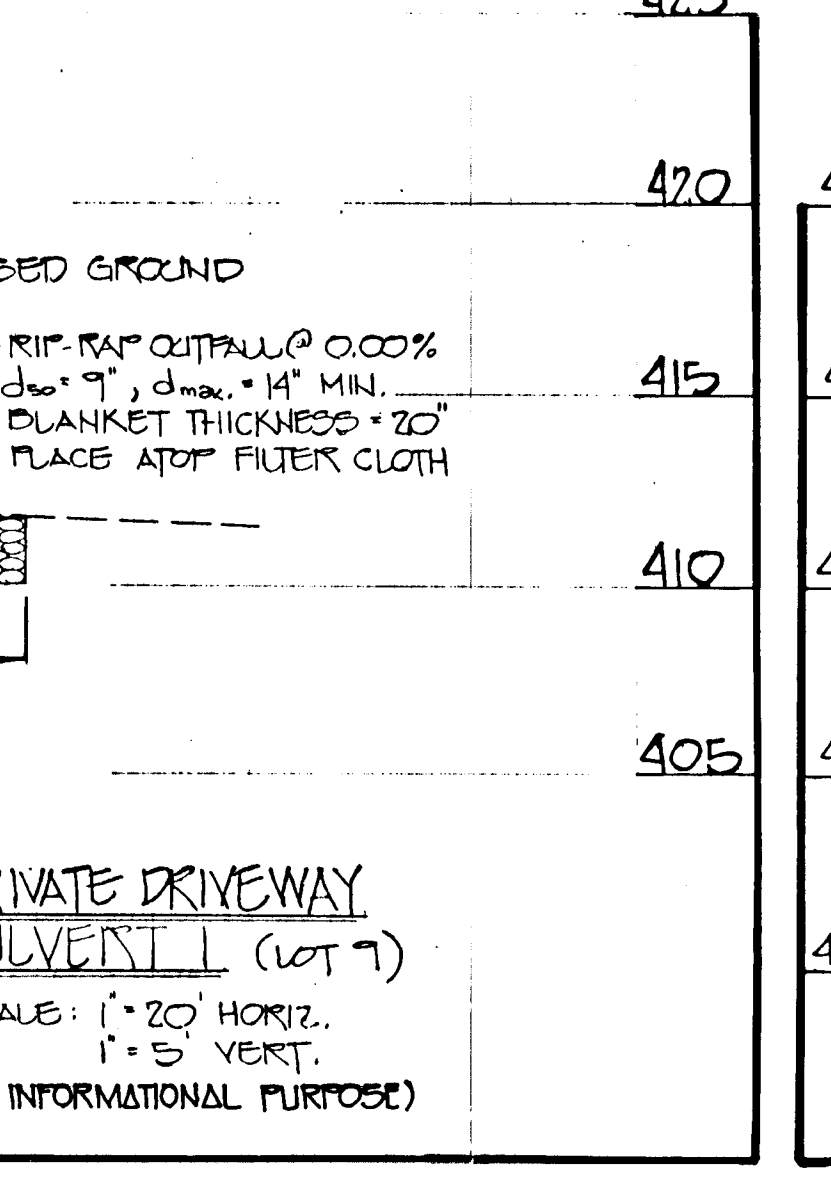
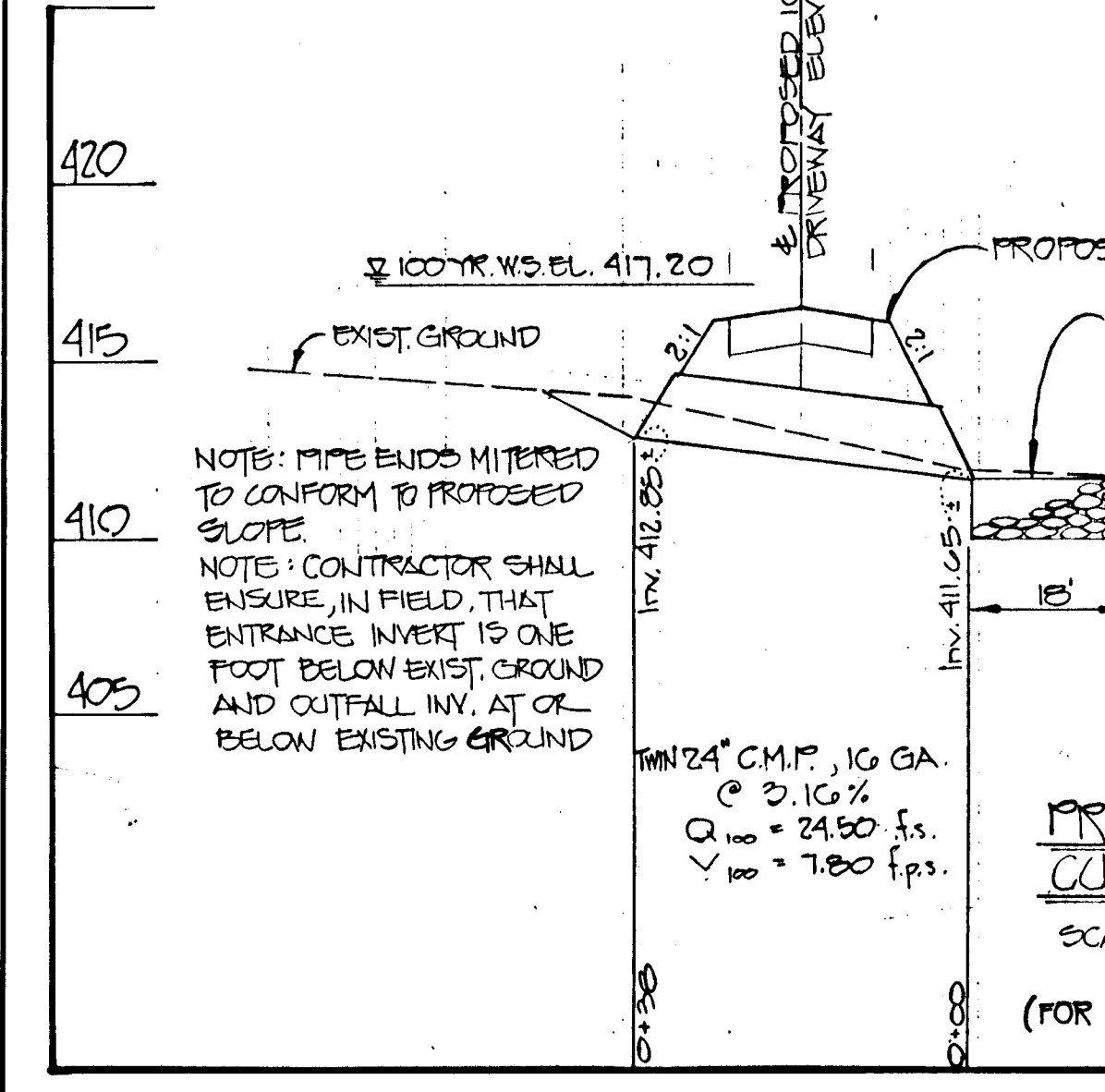
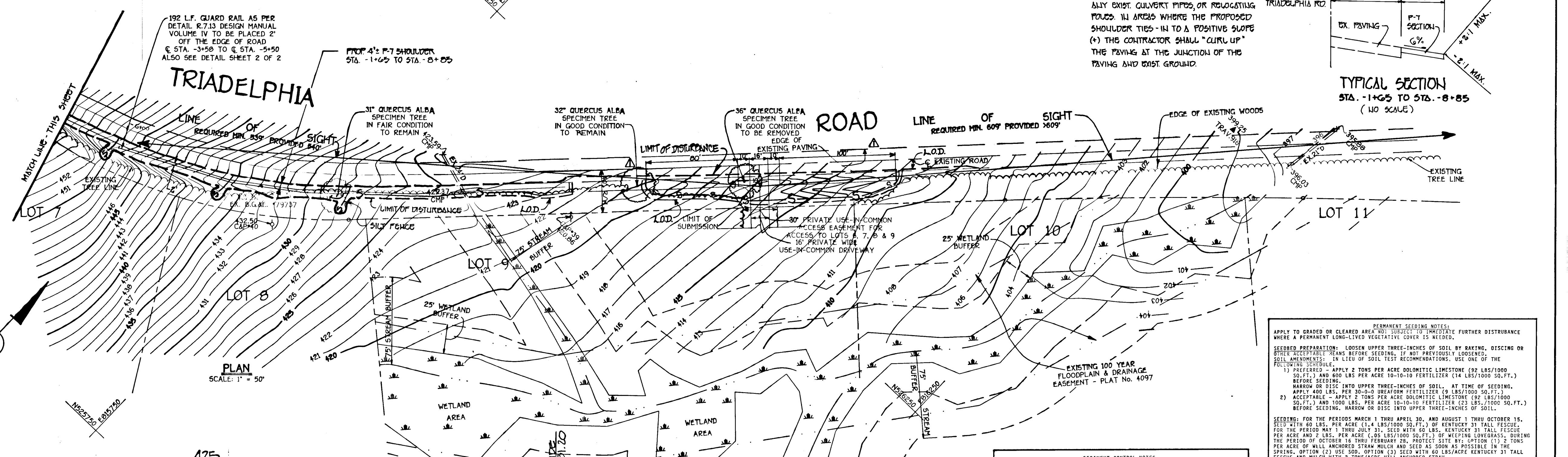
APPROVED: DEPARTMENT OF PUBLIC WORKS
 2-11-93 DATE
 CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 2/18/93 DATE
 CHIEF, LAND DEVELOPMENT DIVISION

2/9/93 DATE
 CHIEF, BUREAU OF HIGHWAYS



- CONSTRUCTION SEQUENCE**
- OBTAIN GRADING PERMIT.
 - INSTALL SILT FENCE.
 - UPON SEDIMENT CONTROL INSPECTORS APPROVAL, CLEAR AND GRUB SITE.
 - INSTALL PROPOSED SHOULDER ALONG TRIADELPHIA ROAD.
 - STABILIZE ALL DISTURBED AREAS.
 - UPON SEDIMENT CONTROL INSPECTORS APPROVAL, REMOVE ALL SILT FENCE.
 - ALL AREAS DISTURBED DUE TO REMOVAL OF SEDIMENT CONTROL MEASURES SHALL BE GRADED AND STABILIZED WITH PERMANENT SEEDING MIXTURE.
 - FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITH:
 - SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL DEVICES.
 - FOURTEEN DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS.



SEEDING 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 (P-7-12).
- 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 MARLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS OF ALL PERMITTED SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 2:1. 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SLOPES GREATER THAN 2:1, 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 MARLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51) AND TEMPORARY SEEDING (SEC. 52) AND MULCHING (SEC. 53). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAVE BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS OF SITE:

TOTAL ACRES	29.68
AREA TO BE ROOFED OR PAVED	0.00
AREA TO BE VEGETATIVELY STABILIZED	0.00
TOTAL CUT	0.00
TOTAL FILL	0.00
TOTAL CUT/FILL	0.00
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED OR DESTROYED BY DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPU SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL. BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVED BY THE AGENCY MUST BE OBTAINED UNTIL THE INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

PERMANENT SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREAS EXCEPT TO BE RESTABILIZED WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING:

- OPTION 1: PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SO. FT.) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SO. FT.) BEFORE SEEDING.
- OPTION 2: ACCEPTABLE - APPLY 2 TONS PER ACRE UREAFORM FERTILIZER (9 LBS/1000 SO. FT.) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SO. FT.) BEFORE SEEDING. HARROW OR DISC AND UPPER THREE-INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30 AND AUGUST 1 THRU OCTOBER 15, SEED WITH 80 LBS. PER ACRE (14 LBS/1000 SO. FT.) OF KENTUCKY 31 TALL FESCUE FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 80 LBS. PER ACRE OF WEeping LOVEGRASS. DURING THE PERIOD OF OCTOBER 15 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. OPTION (2) USE SEED OPTION (2) SEED WITH 80 LBS/1000 SO. FT. OF UNROOTED MULCHES: APPLY 1 1/2 TO 2 TONS PER ACRE (30 TO 40 LBS/1000 SO. FT.) OF UNROOTED MULCHES IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (15 GAL/1000 SO. FT.) OF UNMULCHED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (21 GAL/1000 SO. FT.) FOR ANCHORING. MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES:

APPLY TO GRADED OR CLEARED AREAS EXCEPT TO BE RESTABILIZED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION: LOOSEN UPPER THREE-INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED, SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SO. FT.) BEFORE SEEDING.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 TONS PER ACRE OF ANNUAL RYE (2.2 LBS/1000 SO. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEeping LOVEGRASS (0.7 LBS/1000 SO. FT.). FOR THE PERIOD NOVEMBER 15 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 SOON AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL PER ACRE (15 GAL/1000 SO. FT.) OF UNMULCHED ASPHALT ON FLAT AREAS. ON SLOPES 8 FT. OR HIGHER, USE 340 GAL PER ACRE (21 GAL/1000 SO. FT.) FOR ANCHORING.

REFER TO THE 1983 MARLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

GRADING AND SEDIMENT CONTROL PLAN
WOODMARK
 LOTS 6 - 12
 A RESUBDIVISION OF LOT Nos. 4 AND 5
 SECTION 13 AREA 1
 3rd ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 TAX MAP # 22 PARCEL # 521
 DATE: DEC. 1, 1992

SCALE IN FEET
 SHEET 2 OF 2

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 977 BALTIMORE NATIONAL PIKE, SUITE 100
 ELLICOTT CITY, MARYLAND 21042
 (410) 481-2955

REV. NO.	DATE	DESCRIPTION
1	9/30/92	REDUCE THE LENGTH OF THE ACCELERATION AND DECELERATION LANE

OWNER & DEVELOPER
 JOHN & THOMAS E. BRINKER
 12285 CARROLL HILL ROAD
 ELLICOTT CITY, MARYLAND 21042

PROFESSIONAL ENGINEER
 CHARLES L. KOVO, SR.
 1/12/93 DATE

60554RW.DWG
 F93-02