

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 CO. SOIL CONSERVATION DISTRICT.

James W. McKee
ENGINEER DATE 4/26/84

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 AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD CO. SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.

James W. McKee
DEVELOPER DATE 4/26/84

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

James W. McKee DATE 5-2-84
U.S. SOIL CONSERVATION SERVICE
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD CO. SOIL CONSERVATION DISTRICT.

Joseph H. Boninich DATE 5/2/84
DISTRICT COORDINATOR, HOWARD SOIL CONSERVATION DISTRICT

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS FOR PUBLIC WATER AND SEWER AND STORM DRAINAGE SYSTEMS AND ROADS

W. F. Nunn DATE 5-7-84
DIRECTOR, PUBLIC WORKS

William S. Ryan DATE 5-8-84
CHIEF, BUREAU OF ENGINEERING

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

John A. Rinaldi DATE 5-9-84
PLANNING DIRECTOR

John A. Rinaldi DATE 5-9-84
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

APPROVED: HOWARD COUNTY HEALTH DEPARTMENT FOR PUBLIC WATER & SEWERAGE SYSTEMS

John A. Rinaldi DATE 5-8-84
COUNTY HEALTH OFFICER

GENERAL NOTES

- SUBJECT PROPERTY IS LOCATED ON TAX MAP 24 AS PART OF PARCEL 1159.
- PLAT REFERENCE - BURLIEGH MANOR, SECTION 4, AREA 2, LOT 321.
- PROPERTY SHOWN IS ZONED R-20.
- MINIMUM SETBACKS: SIDE = 10', REAR = 30', FRONT = AS SHOWN ON PLAN.
- SITE ANALYSIS:
 - A. TOTAL LOTS: 1 AREA = 15,057 SQ. FT. = 0.35 AC. ±
 - B. TOTAL LOTS BUILDABLE: 1, AREA = 15,057 SQ. FT.
 - C. TOTAL IMPERVIOUS AREA = 2,520 SF
 - D. TOTAL DISTURBED AREA = 2,520 SF
 - E. NO. OF PARKING SPACES REQ'D. = 2
 - F. NO. OF PARKING SPACES PROVIDED = 2
 - G. FLOOR SPACE - BASEMENT = 1848 SF
 - FIRST FLOOR = 1848 SF (INCL GAR.)
 - SECOND FLOOR = 1176 SF
- SITE IS NOT WOODED.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SERVICE DIVISION OF THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

STRAW BALE DIKE

1. Bales shall be placed in a row with ends slightly abutting the adjacent bales.

2. Each bale shall be wrapped in the soil a minimum of 4".

3. Bales shall be completely covered on all sides by soil or a heavy mulch. The bales shall be placed in a row with ends slightly abutting the adjacent bales.

4. Maintenance shall be frequent and repair or replacement shall be made promptly as needed.

5. Bales shall be removed when they have served their usefulness or are no longer effective.

STABILIZED CONSTRUCTION ENTRANCE

1. Stone size - Use stone size No. 1 (2-1 1/2" to 1") or ASTM designation #4, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.

2. Length - An effective, but not less than 30 feet.

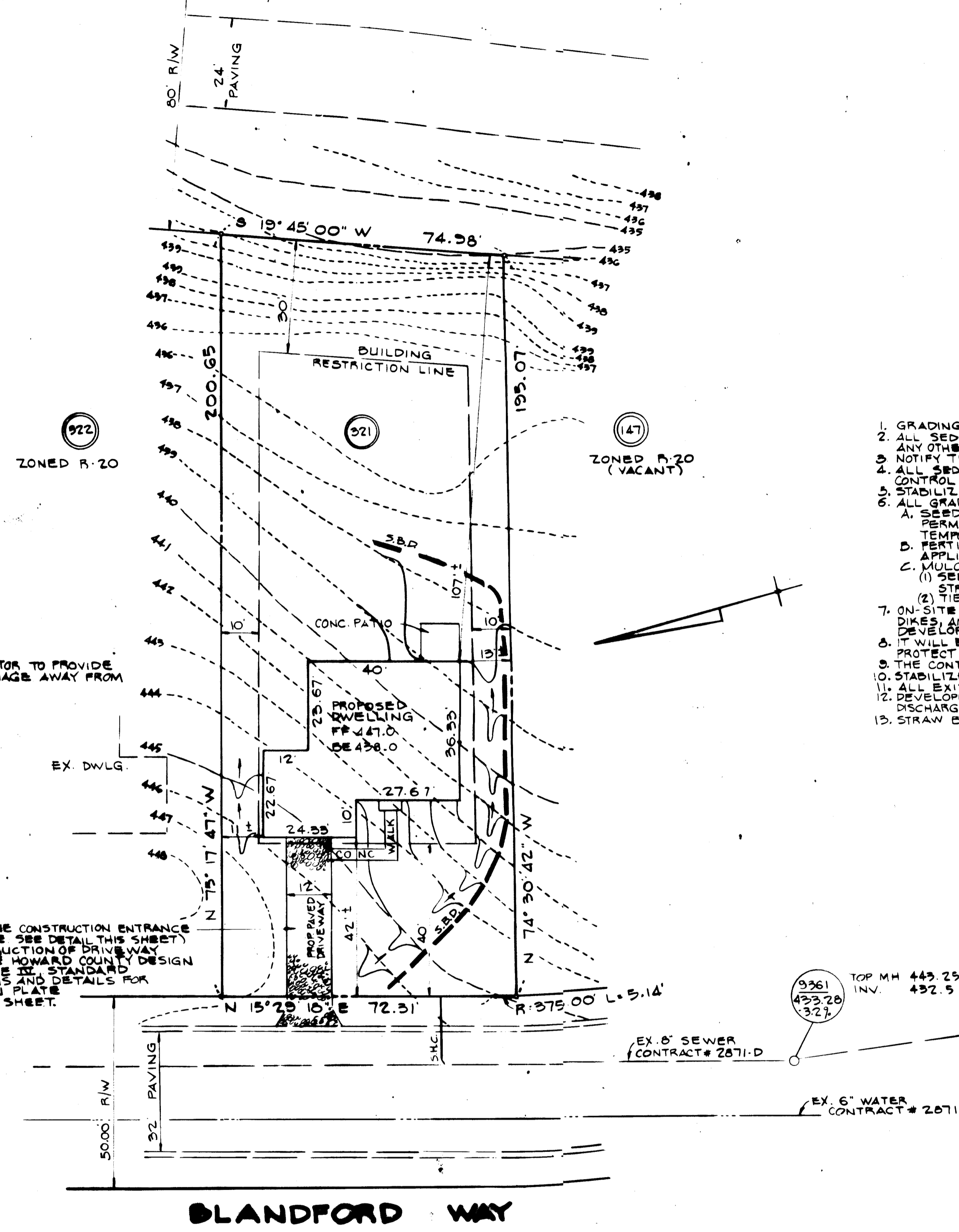
3. Thickness - Not less than eight (8) inches.

4. Width - Not less than full width of all points of ingress or egress.

5. Working - When necessary, stone shall be cleaned to remove sediment. It shall be done on an area established 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, burlap or other approved methods.

6. 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 or condition stone and repair and/or placement of any material used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

CENTENNIAL LANE

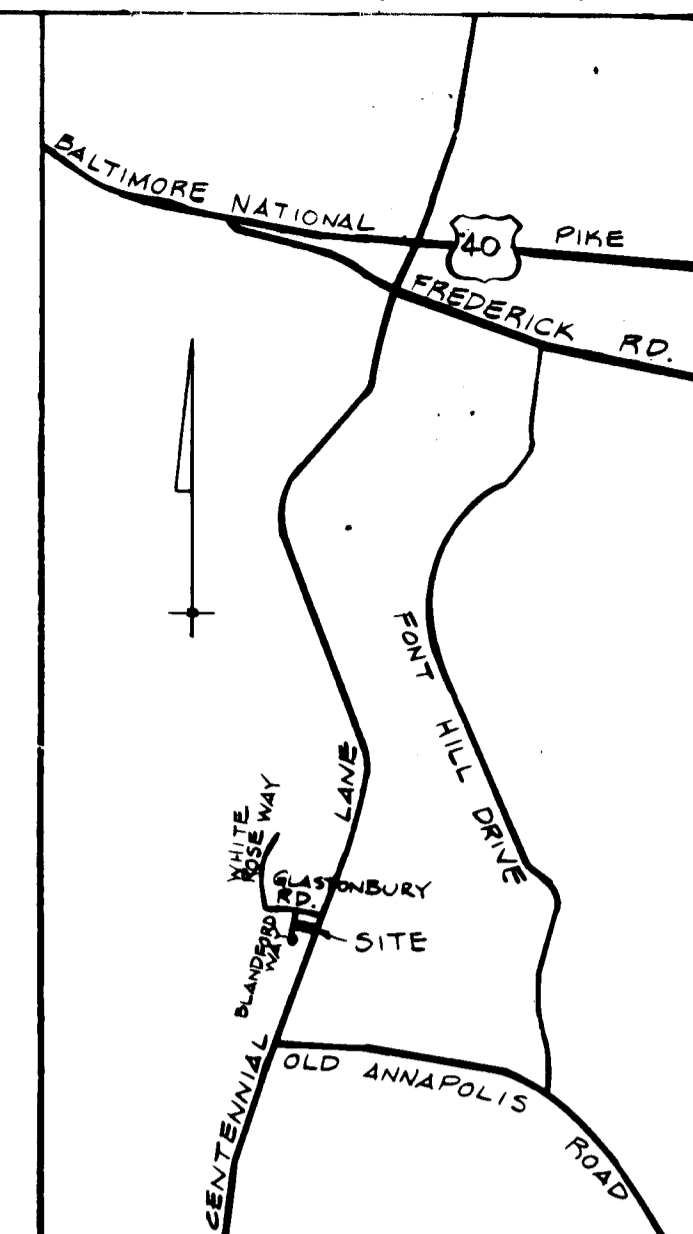


NOTE: CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION.

NOTE: FOR CONSTRUCTION OF DRIVEWAY ENTRANCE, SEE HOWARD COUNTY DESIGN MANUAL VOLUME III, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION PLATE A.G.03 THIS SHEET.

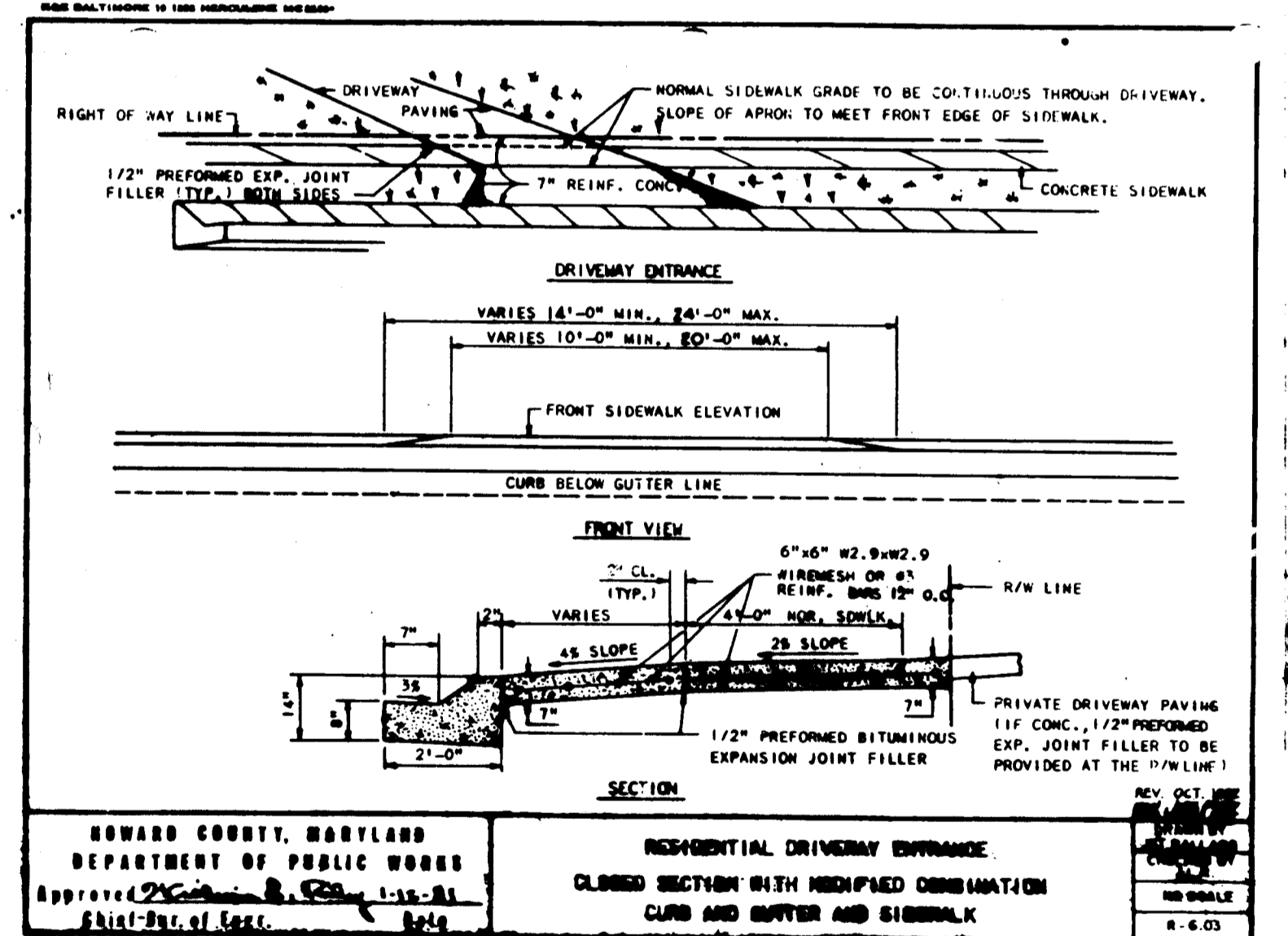
CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT.
- INSTALL STONE CONSTRUCTION ENTRANCE AND STRAW BALE DIKES.
- EXCAVATE FOR FOUNDATION AND ROUGH GRADE.
- ERECT STRUCTURE AND PAVE DRIVEWAY.
- FINAL GRADE AND STABILIZE IN ACCORDANCE WITH SEEDING NOTES AS SHOWN ON THIS PLAN.
- INDIVIDUAL SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL GRADED AREAS PROTECTED BY THE MEASURES INSTALLED HAVE BEEN COMPLETELY STABILIZED.
- REMOVE ALL SEDIMENT CONTROL MEASURES UPON COMPLETION OF DWELLING, STABILIZATION OF ALL DISTURBED AREAS, AND FINAL APPROVAL BY THE HOWARD CO. BUREAU OF INSPECTIONS AND PERMITS.



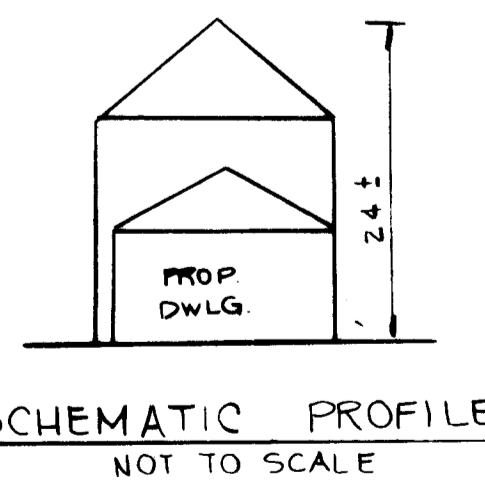
SEDIMENT CONTROL NOTES

- GRADING PERMIT SHALL BE OBTAINED PRIOR TO INSTALLATION OF SEDIMENT CONTROL & GRADING.
- ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED AND STABILIZED ACCORDING TO THIS PLAN PRIOR TO ANY OTHER GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
- NOTIFY THE BUREAU OF INSPECTIONS & PERMITS AT LEAST 24 HRS BEFORE STARTING WORK.
- ALL SEDIMENT CONTROL PRACTICES SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AND SHALL BE ADJUSTED TO MEET ACTUAL FIELD CONDITIONS.
- STABILIZATION OF DISTURBED GROUND TO BE DONE AS SOON AFTER CONSTRUCTION AS POSSIBLE.
- ALL GRADING SHALL BE TREATED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. SEEDING CERTIFIED 85% GERMINATION APPLIED AT THE RATE OF 3 LBS./1000 SQ. FT.
 - PERMANENT - MIXTURE 40% MERION BLUEGRASS, 40% SOUTH DAKOTA BLUEGRASS AND 20% PENN LAWN CREEPING RED FESCUE.
 - TEMPORARY - ITALIAN OR PERENNIAL RYE GRASS.
 - D. FERTILIZER - 10-10-10 APPLIED AT A RATE OF 25 LBS./1000 SQ. FT. GROUND AGRICULTURAL LIME OR DOLOMITIC LIME APPLIED AT A RATE OF 50 LBS./1000 SQ. FT.
- MULCHING:
 - (1) SEEDING AREAS SHALL BE UNIFORMLY MULCHED IMMEDIATELY AFTER SEEDING WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS/ACRE.
 - (2) TIE MULCH DOWN WITH LIQUID ASPHALT AT 0.1 GAL/SY OR EMULSIFIED ASPHALT AT 0.04 GAL/SY OR MULCH NETTING.
- ON-SITE INSPECTION AND MAINTENANCE OF ALL SEDIMENT MEASURES INCLUDING CLEANOUT OF SEDIMENT TRAPS AND DIKES AND PROPER ESTABLISHMENT OF ALL PLANNED VEGETATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE ON THE SITE ON A CONTINUING DAY TO DAY BASIS.
- IT WILL BE THE DEVELOPER'S RESPONSIBILITY TO PROVIDE ADDITIONAL SEDIMENT AND EROSION CONTROL DEVICES TO PROTECT STABILIZED AREAS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL KEEP ALL PUBLIC ROADS FREE OF SEDIMENT DEPOSITS LEFT FROM TRAFFIC LEAVING CONSTRUCTION SITE.
- STABILIZED CONSTRUCTION ENTRANCE SHALL BE PLACED AT ALL CONSTRUCTION FRONTS.
- ALL EXISTING SEDIMENT CONTROL MEASURES WILL BE REPAIRED TO MEET STANDARDS AND SPECIFICATIONS.
- DEVELOPER SHALL INSTALL ADDITIONAL STRAW BALE DIKES ALONG FRONT OR SIDES OF CONSTRUCTION AREA TO PREVENT DISCHARGING SEDIMENT INTO PUBLIC R/W'S OR ADJACENT LOTS (IF NECESSARY).
- STRAW BALE DIKES TO REMAIN IN PLACE UNTIL AREAS ARE STABILIZED.



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 4-19-84

SITE DEVELOPMENT PLAN
LOT 321
BURLIEGH MANOR
SCALE: 1" = 20' MARCH 20, 1984
SHEET 1 OF 1
HOWARD CO., MD.



LOT NUMBER	STREET ADDRESS
321	#10205 BLANDFORD WAY
322	#10201 BLANDFORD WAY
147	#10209 BLANDFORD WAY

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
BURLIEGH MANOR	4 2	321 1159
PLAT / OR L/P BLOCK	ZONE	TAX/ZONE MAP
C.M.P. #9996 13	R-20	24
WATER CODE 701	SEWER CODE 24	6023.01

PERMIT APPLICATION - (S.D.P. 84-228) #

James W. McKee DATE 4/26/84
JAMES W. MCKEE (MD REG. NO. 9012)
McKee & Associates, Inc.
CIVIL ENGINEERS & LAND SURVEYORS
1717 YORK ROAD, LUTHERVILLE, MD. 21093 252-5820

