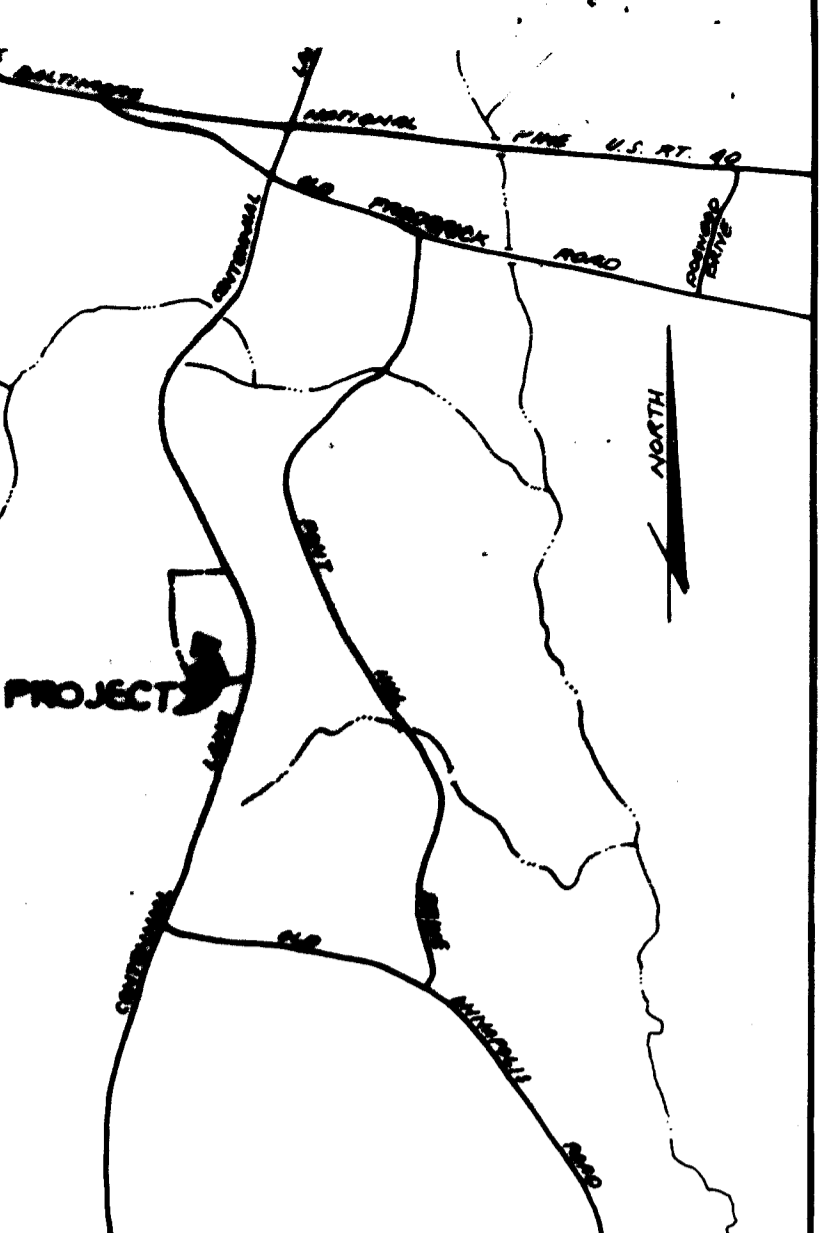
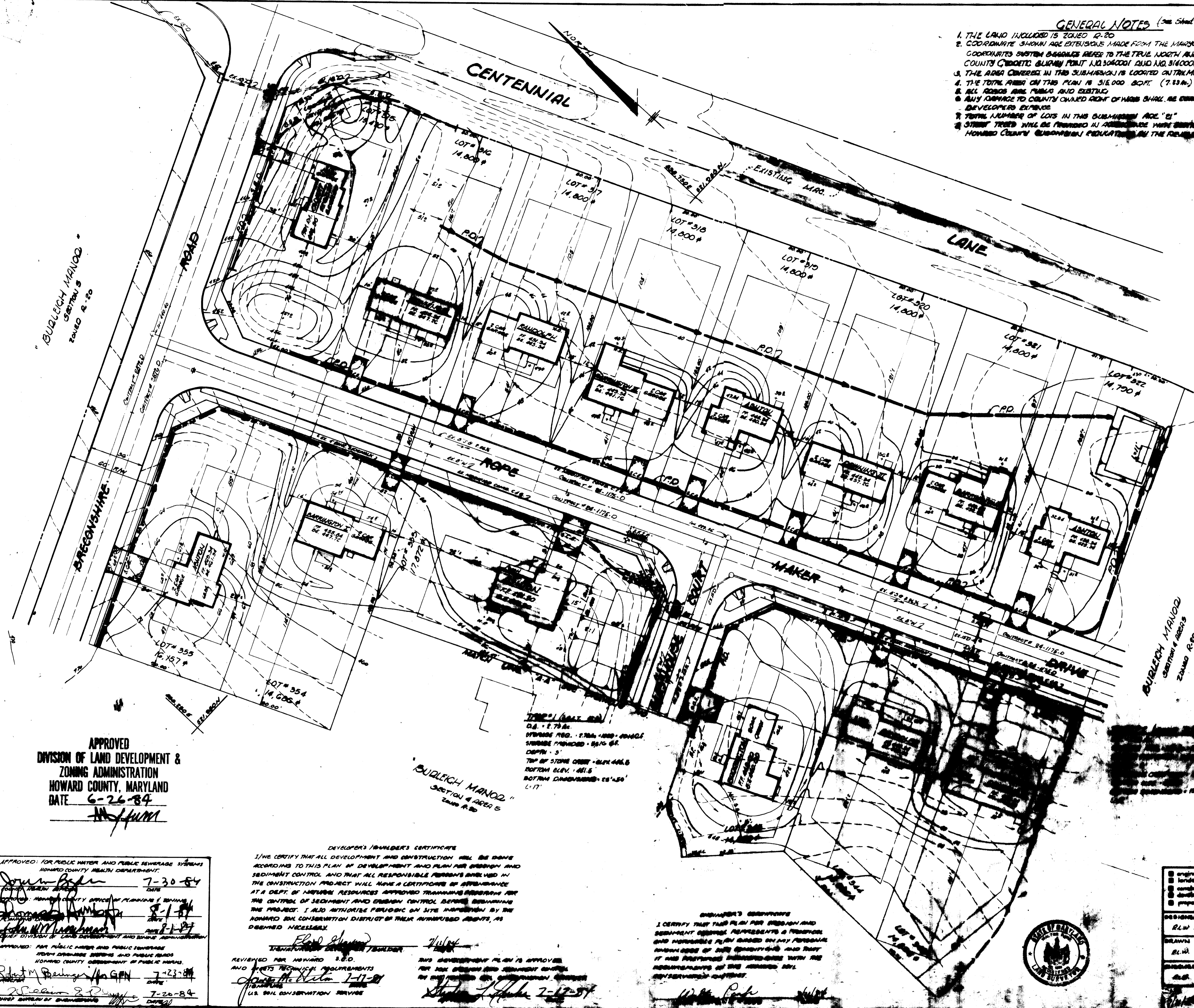


GENERAL NOTES (See Sheet 0-10 for Submittal Control Map)

1. THE LAND INCLUDED IS ZONED R-20
2. COORDINATE SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLAIN COORDINATE SYSTEM BEARING REFERENCE TO THE TRUE NORTH AND ARE CORRECT ON HOWARD COUNTY CORRECTED BLUNN POINT NO. 3040001 AND NO. 3110003
3. THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TRAP # 5 PARCEL
4. THE TOTAL AREA ON THIS PLAN IS 315,000 SQ. FT. (7.23 AC.)
5. ALL ROADS ARE PUBLIC AND EXISTING
6. ANY CHANGE TO COUNTY OWNED RIGHT OF WAYS SHALL BE SUBMITTED AT THE DEVELOPER'S EXPENSE
7. TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE "21"
8. STREET TREES SHALL BE PROVIDED IN ACCORDANCE WITH SUBDIVISION 101 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.



VICINITY MAP
SCALE: 1" = 2000'



TRAP # 5 (LOST, 57.0)
D.A. 1770A
STORAGE REQ. 1,704L + 1000 + 1000 C.F.
STORAGE PROVIDED 1,800 C.F.
TOP SOFT ELEV. 480.0
DEPTH 5'
BOTTOM ELEV. 475.0
BOTTOM DIMENSIONS 25' x 30'
L x W

TRAP # 1 (LOST, 57.0)
D.A. 1770A
STORAGE REQ. 1,704L + 1000 + 1000 C.F.
STORAGE PROVIDED 1,800 C.F.
TOP SOFT ELEV. 480.0
DEPTH 5'
BOTTOM ELEV. 475.0
BOTTOM DIMENSIONS 25' x 30'
L x W

ADDRESS CHART

LOT NO.	STREET ADDRESS
315	10151 BRECONSHIRE ROAD
316	10109 ROPE MARKER DRIVE
317	10113
318	10117
319	10121
320	10125
321	10129
322	10133
323	10137
324	10141
325	10145
326	10149
327	10153
328	10157
329	10161
330	10165
331	10169
332	10173
333	10177
334	10181
335	10185

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE **6-26-84**

DEVELOPER'S/OWNER'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 PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF EXPERIENCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE FURTHER ON SITE IMPROVEMENT BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY.

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A FEASIBLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE CONDITIONS AND THAT IT HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE SOIL CONSERVATION DISTRICT CONTRACT.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
7-30-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC UTILITIES
7-23-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY DEPARTMENT OF PUBLIC UTILITIES
7-20-84

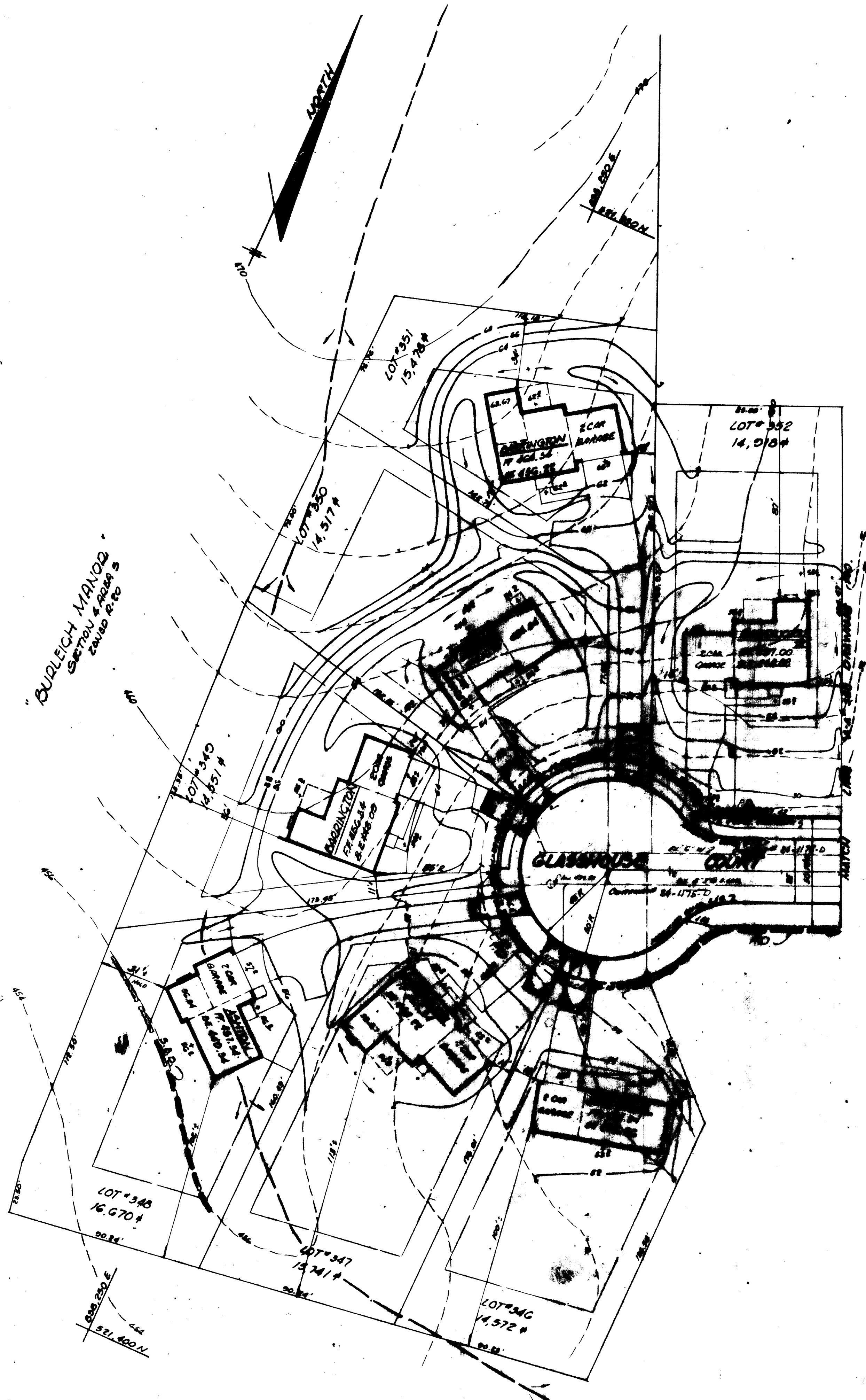
LAND DESIGN ASSOCIATES
810 EAST JOPPA ROAD
TOWSON, MARYLAND 21204
(410) 351-0112

R.D.P. EROSION & SEDIMENT CONTROL PLAN
BURLEIGH MANOR
SECTION 4 AREAS
LOTS 315 THRU 355 & LOTS 349 THRU 315

3RD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
DRAWING: 1013
JOB NO.
FILE NO.





"BURLIGH MANOR"
SECTION 4 AREAS

"BURLIGH MANOR"
SECTION 4 AREAS
CIVIL R-10

REL. 300' E
REL. 300' N

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 6-26-84
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 7-30-84
DATE
APPROVED FOR PLANNING & ZONING
[Signature] 8-1-84
DATE
APPROVED FOR LAND DEVELOPMENT AND ZONING ADMINISTRATION
[Signature] 8-1-84
DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 7-23-84
DATE
[Signature] 7-20-84
DATE



<ul style="list-style-type: none"> engineering landscape design construction contracting development cost property development 		LAND DESIGN ASSOCIATES 416 EAST JOPPA ROAD TOWSON, MARYLAND 21204 (301) 521-0812	
DESIGNED	RLW	S.E.P., SEDIMENT & EROSION CONTROL PLAN BURLIGH MANOR SECTION 4 AREAS LOTS 345 THRU 352 & LOTS 348 THRU 355 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE
DRAWN	RLW		DRAWING
CHECKED	RLW		JOB NO.
DATE	7/1/84		FILE NO.

ENGINEER'S/BUILDER'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 PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A CONF. OF NEIGHBOR RESOURCES APPROVED BEGINNING SEPTEMBER THE CENTRAL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I/WE WILL MAKE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED AGENTS AS DEEMED NECESSARY.

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A FEASIBLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

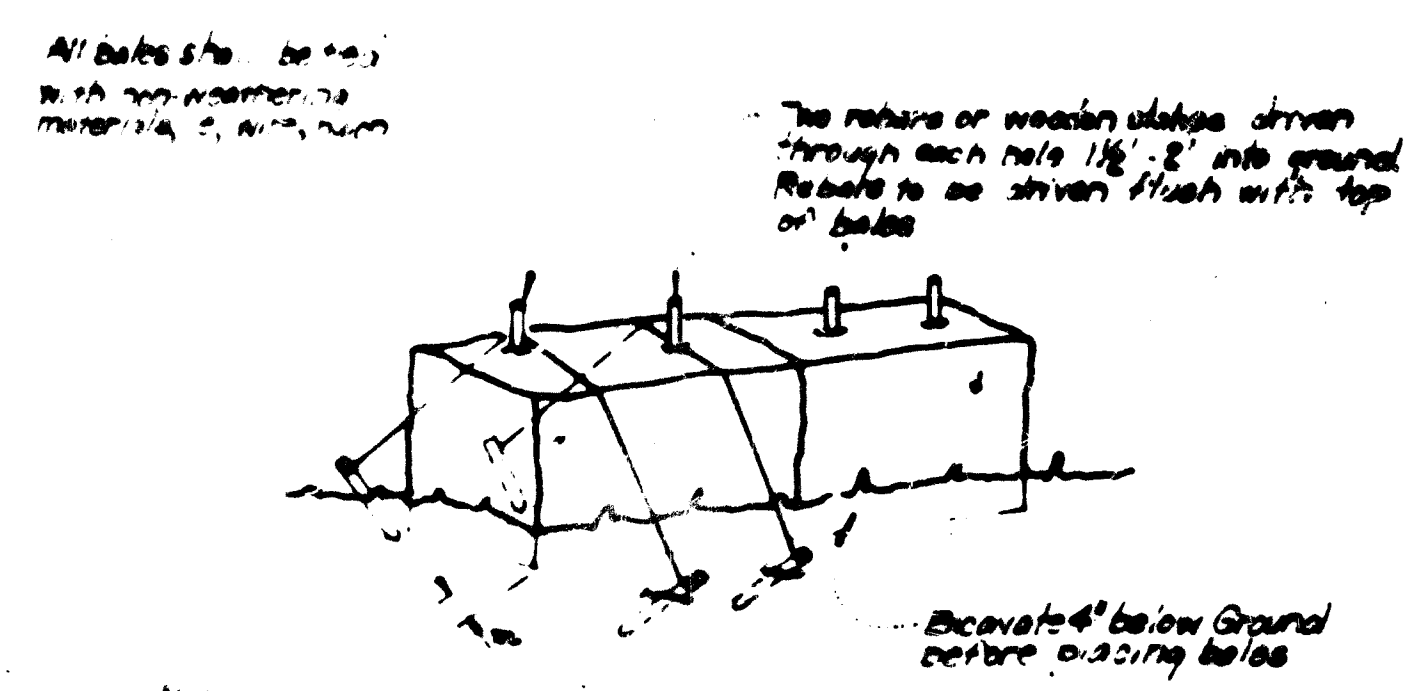
REVIEWED FOR HOWARD S.C.D. AND BEST TECHNICAL REQUIREMENTS
[Signature] 7-17-84
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 7-17-84

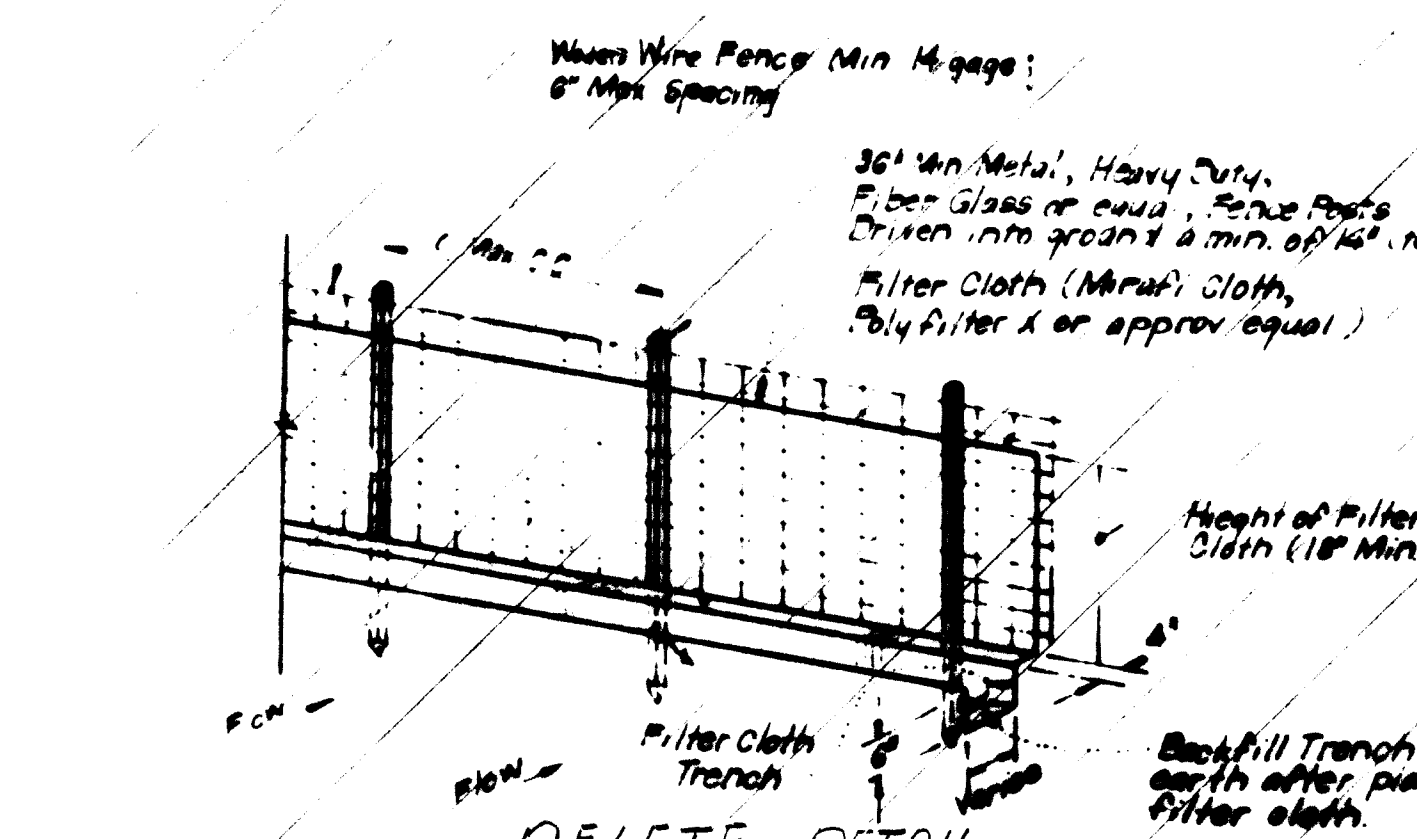
88P-84-240

GENERAL NOTES

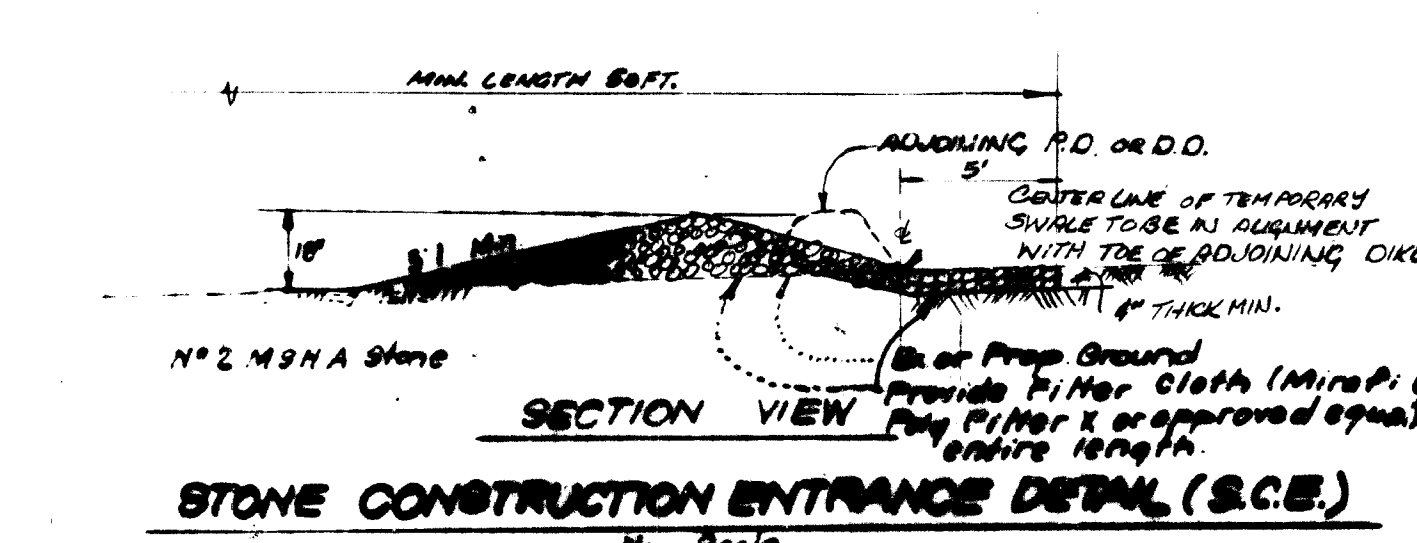
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and established according to this plan prior to any other grading, clearing or disturbance of the existing topsoil of the site. See note #8 for stabilization except that the seed mixture will be annual ryegrass applied at a rate of 1.5 lbs/1000 sq ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to 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. Seed - certified 85% germination applied at the rate of 5 lbs/1000 sq ft. Mixture 40% Kentucky Blue, 20% Chewings Fescue, 20% Kentucky 31 and 20% annual ryegrass.
 - B. Fertilizer - 10-10-10 applied at a rate of 25 lbs/1000 sq ft. Ground Agricultural Lime or Dolomite Lime applied at a rate of 30 lbs/1000 sq ft.
 - C. Mulch - Wood chippings straw applied at a rate of 75 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method i.e. asphalt locks, chemical binder, etc.
 - D. All Sod used shall be Maryland State Certified.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-Site Inspection and Maintenance of all Sediment Control Measures including cleaning of Sediment Traps and dikes, and proper establishment of all planned revegetation 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 & 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 Entrances shall be placed at all construction entrances.
- If houses are to be constructed on an "As-Sold" basis of random, Single Lot Sediment Control, as shown on this sheet, shall be installed.
- Total Amount of straw bale dike 355 L.F. total amount of perimeter dike 2,340 L.F.
- SITE ANALYSIS:**
 - A. Total Area 7.28 Acres
 - B. Area to be Reroofed 0.25 Acres
 - C. Area to be Paved 0.29 Acres
 - D. Area to be Seeded 3.78 Acres
 - E. Area Undisturbed 2.51 Acres
- CONSTRUCTION SEQUENCE:**
 - A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes
 - B. Excavate for Foundations and Rough Grade.
 - C. Erect Structures, Driveways and Sidewalks
 - D. Final Grade and Stabilize in accordance with note #8.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the impact of any borrow or export of waste far from this site.



TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale



TYPICAL SILT FENCE DETAIL (S.P.)
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale

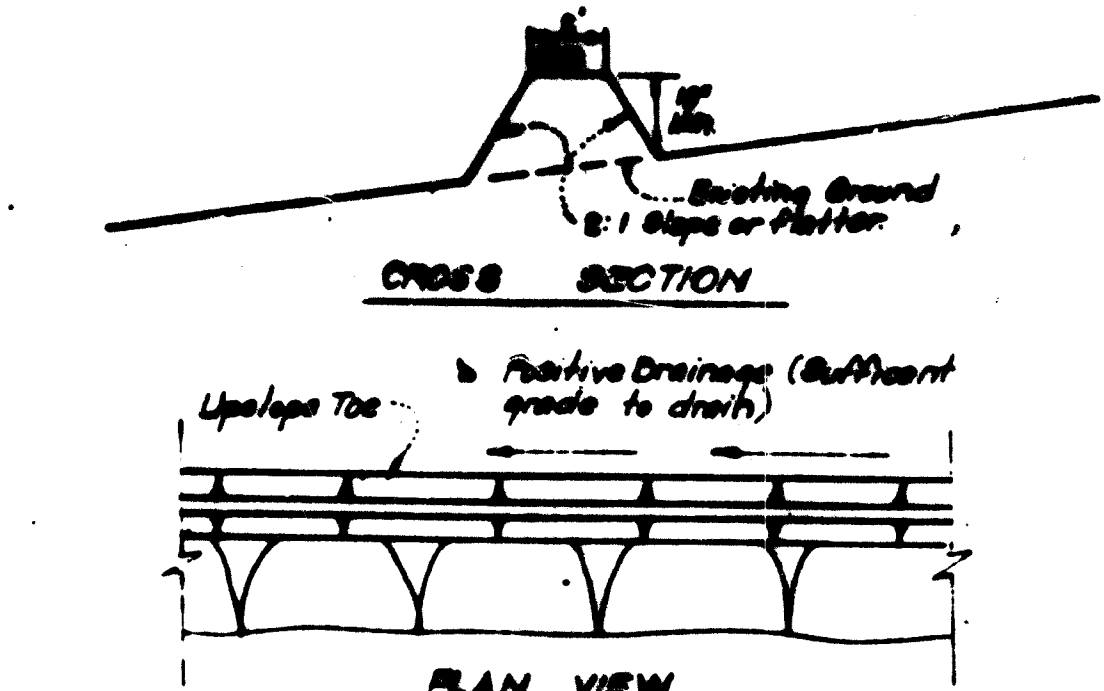
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 6-26-84
M. J. MUM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 7-30-84

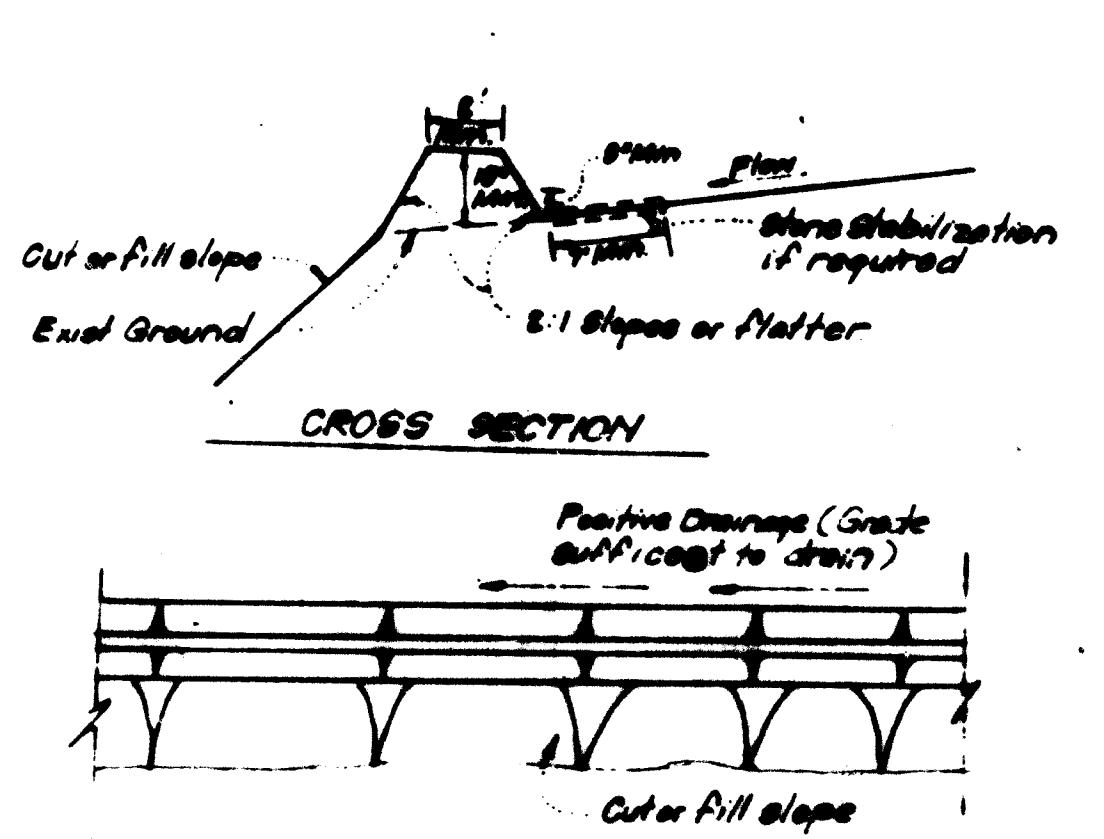
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 8-1-84

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 7-23-84

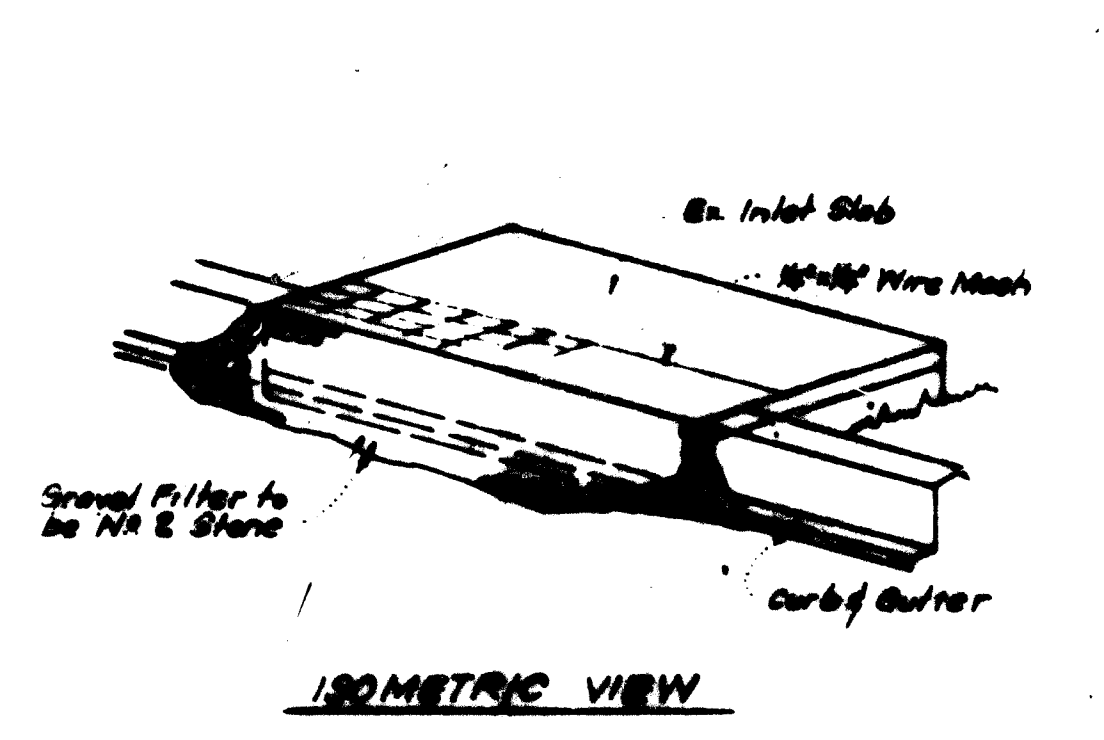
DATE 7-20-84



TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale



TYPICAL DIVERSION DIKE DETAIL (D.D.)
No Scale

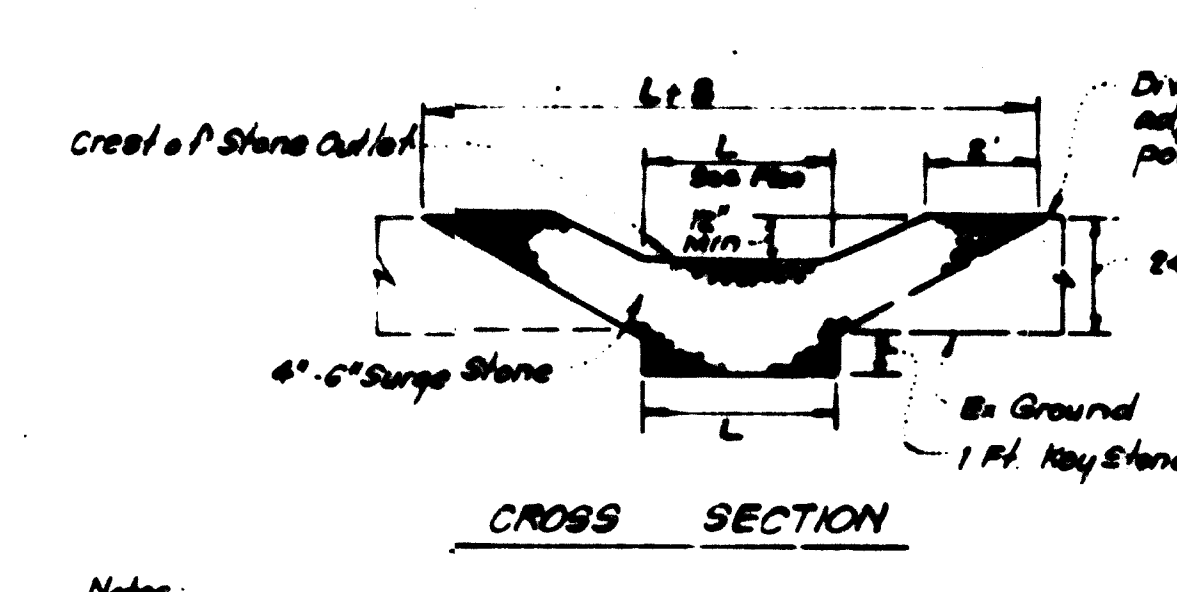
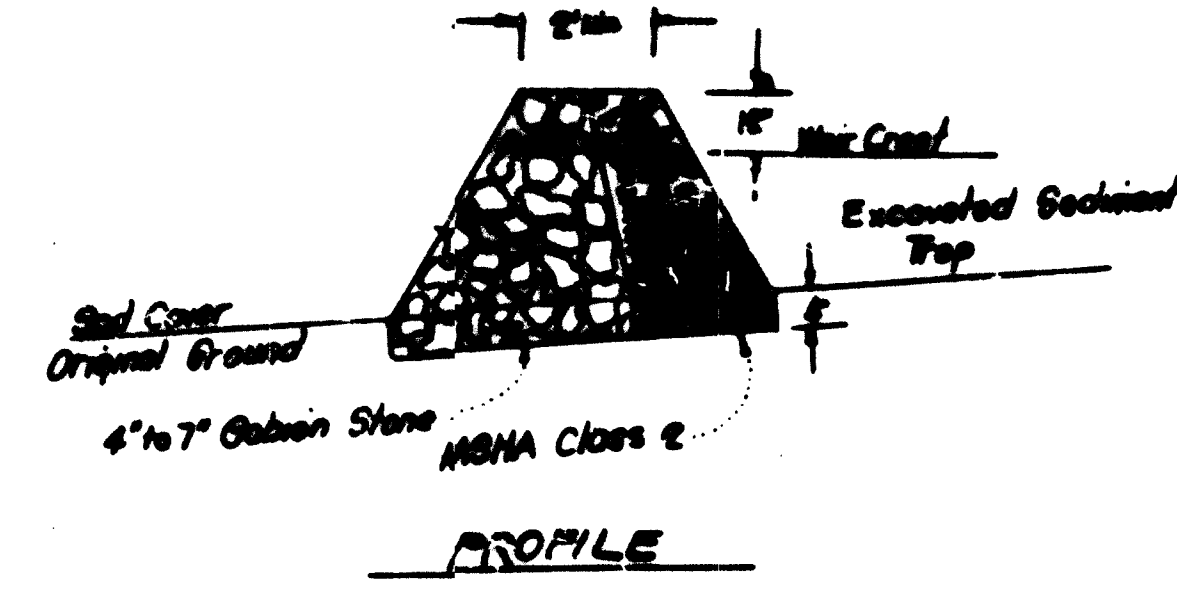


STONE FILTER INLET PROTECTION (S.F.I.P.)
No Scale

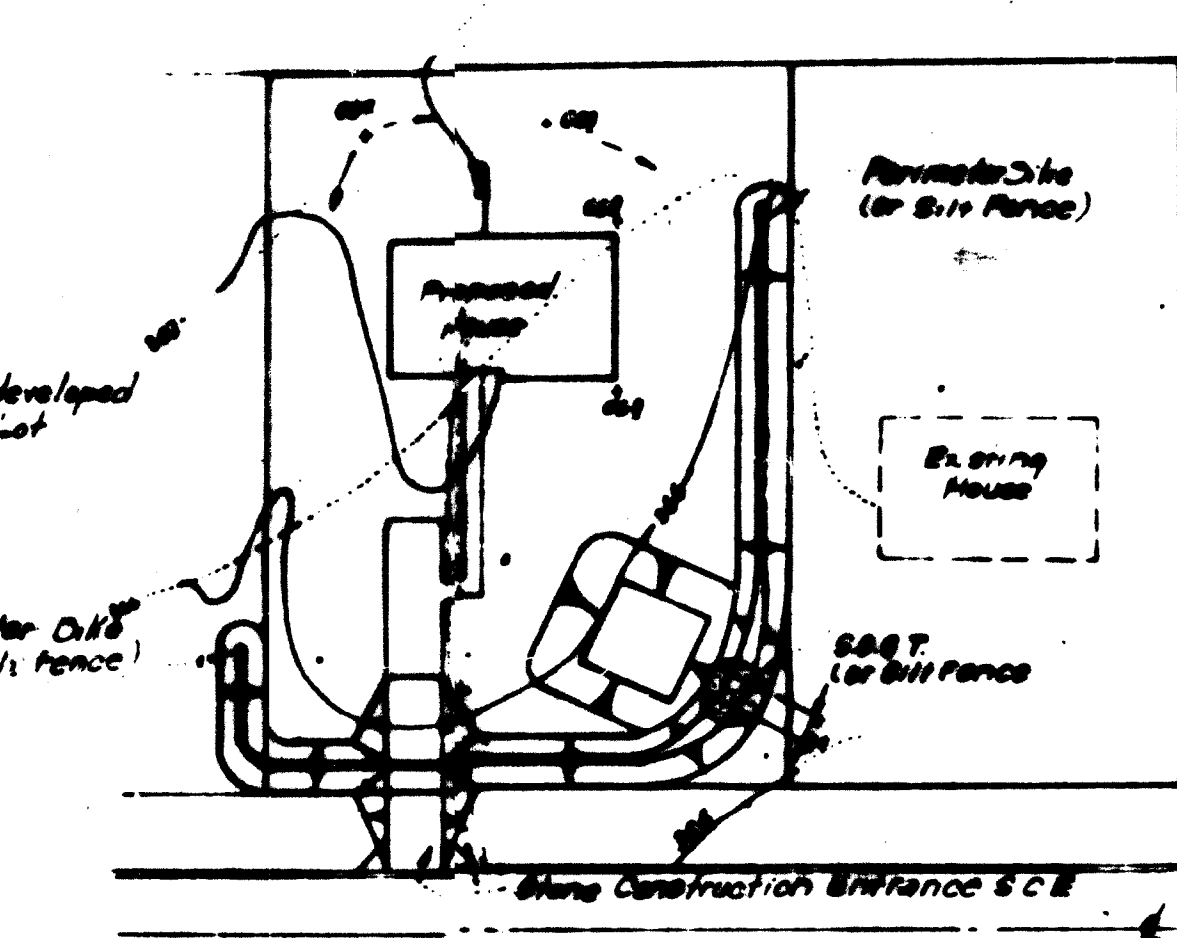
Reviewed for HOWARD S.C.B. Name and with Technical Requirements
DATE 7-17-84

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

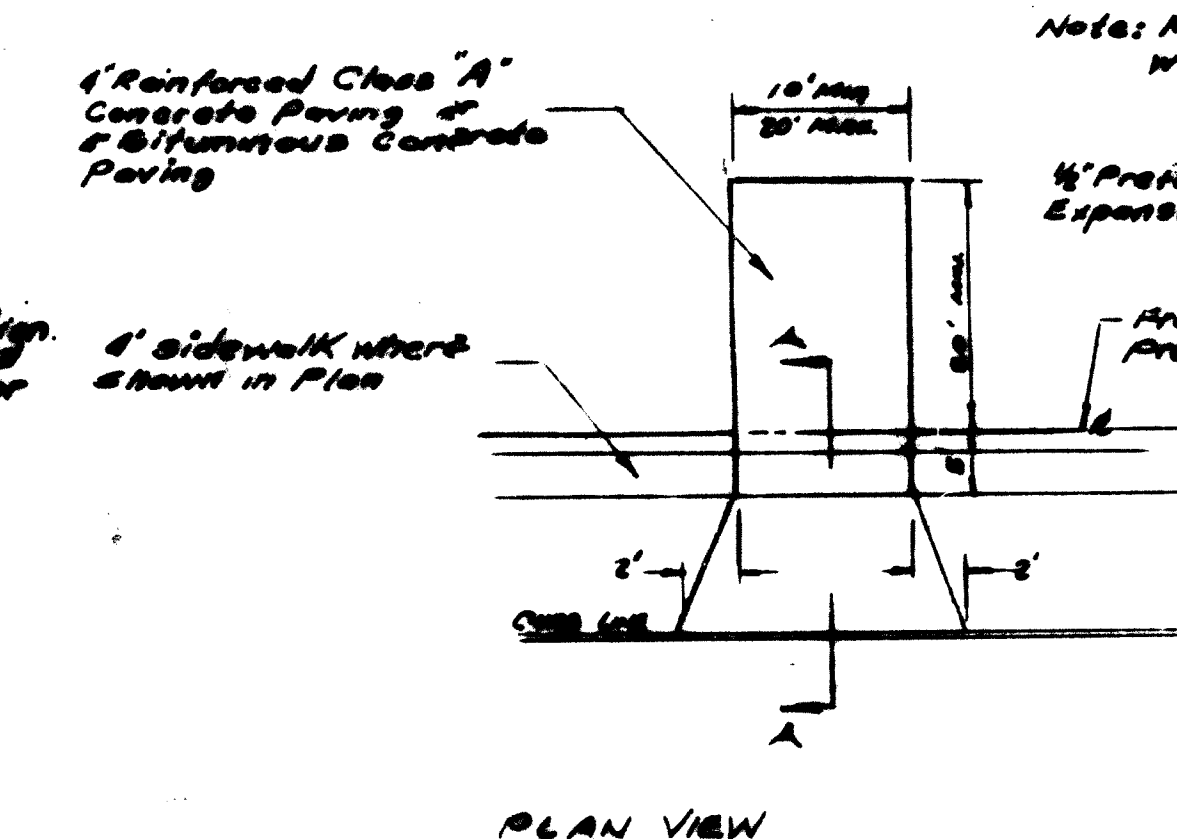
DATE 7-17-84



DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



DRIVEWAY ADJUTING 7' COMB. CURB & GUTTER
No Scale

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.

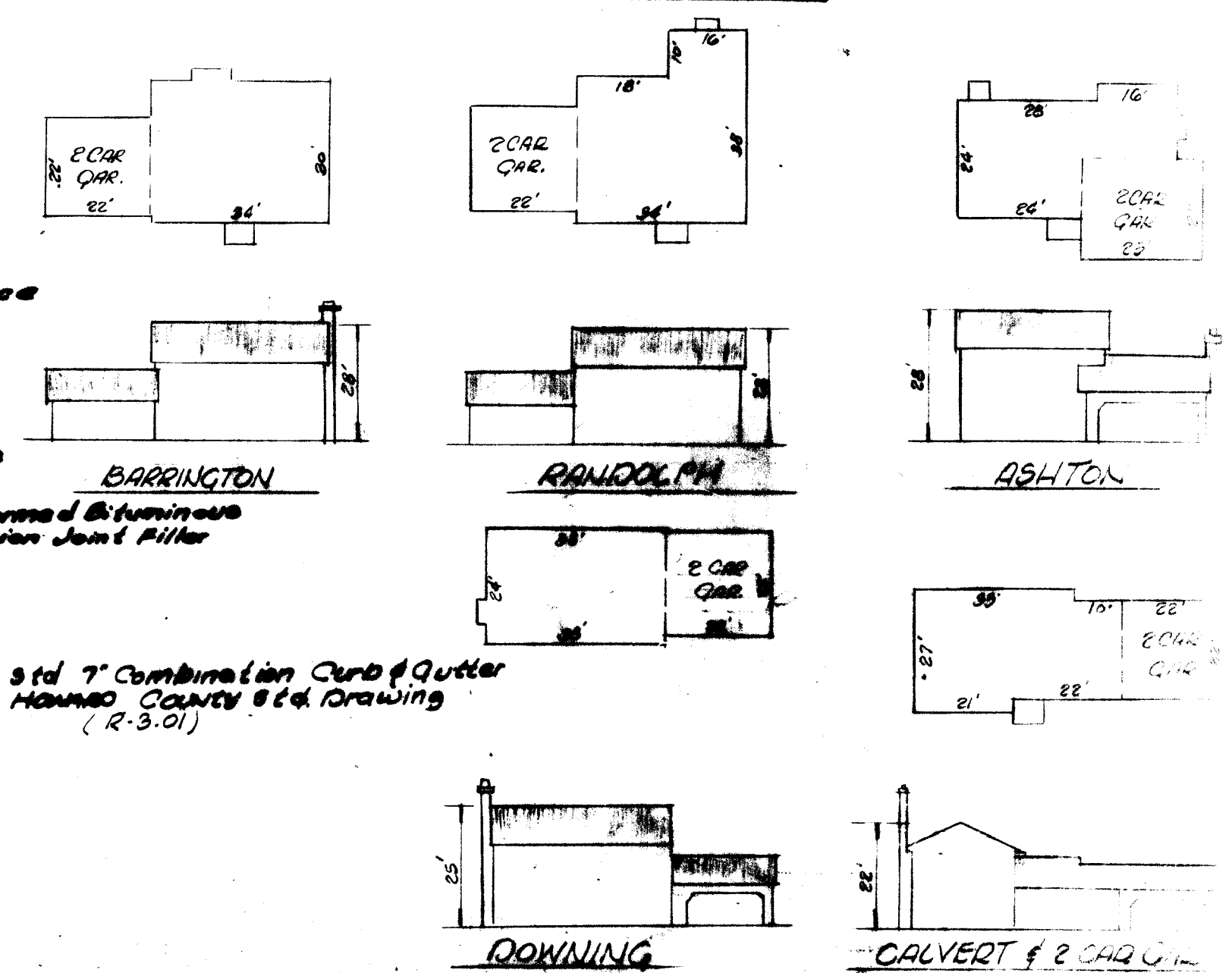
DATE 7/11/84

Lot Size	1/4 Ac	1/8 Ac	1 Ac
Length	2'	2'	6'
Depth	2'	2'	2'
Bed Length	11'	25'	26'
Bed Width	11'	11'	26'
Total Area	1818	1853	2768

Use the 27.5 sq. ft. per sq. ft. for detail shown. It can be adjusted in field but bottom area must be as given or greater.

Note: Materials and Construction shall be in accordance with Howard County Road Construction Code.

"TYPICAL HOUSE TYPES"



LAND DESIGN ASSOCIATES
416 EAST JOPPA ROAD
TOWSON, MARYLAND 21284
(301) 921-0112

SITE, SEDIMENT & EROSION CONTROL DETAILS
BURLEIGH MANOR
SECTION 4, AREA 5
LOTS 315 THRU 322 & LOT 345 THRU 355

DATE 7/11/84

SCALE 1/8" = 1'-0"

JOB NO. 84-240

FILE NO.