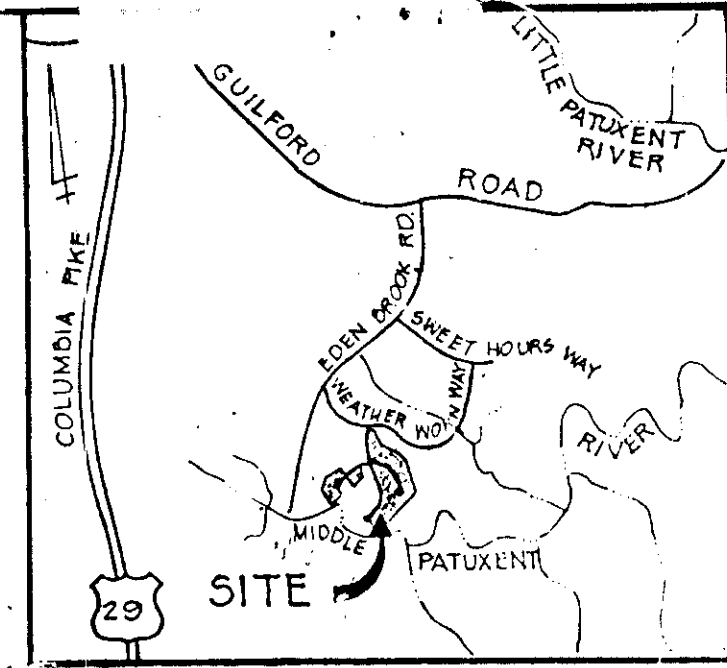
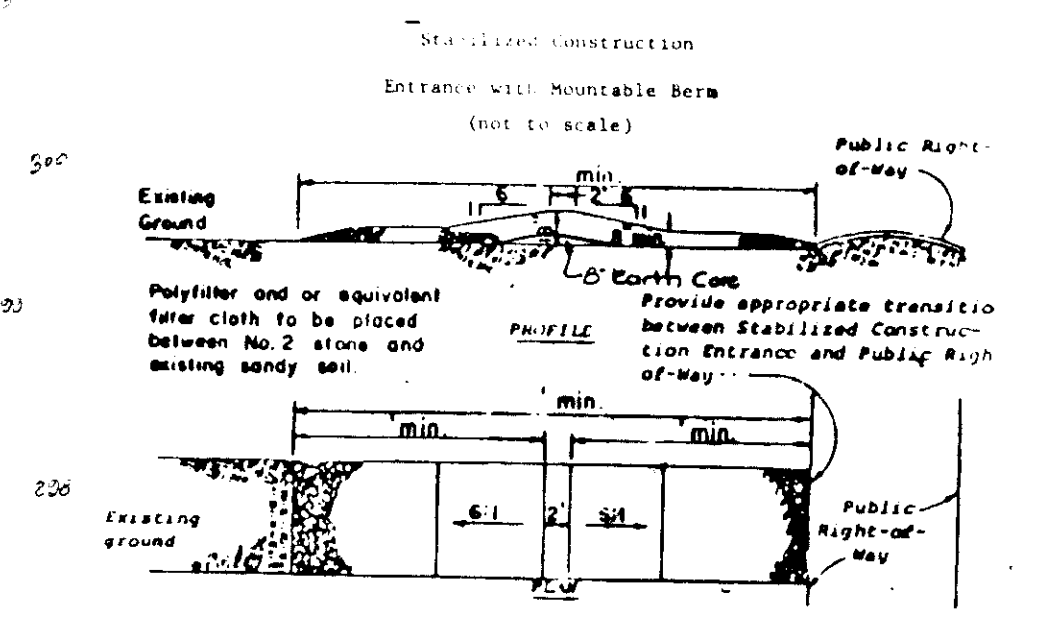


Std 7' Combination Curb & Gutter
HOWARD COUNTY S.D. DRAWING
R.3.01, Page 05

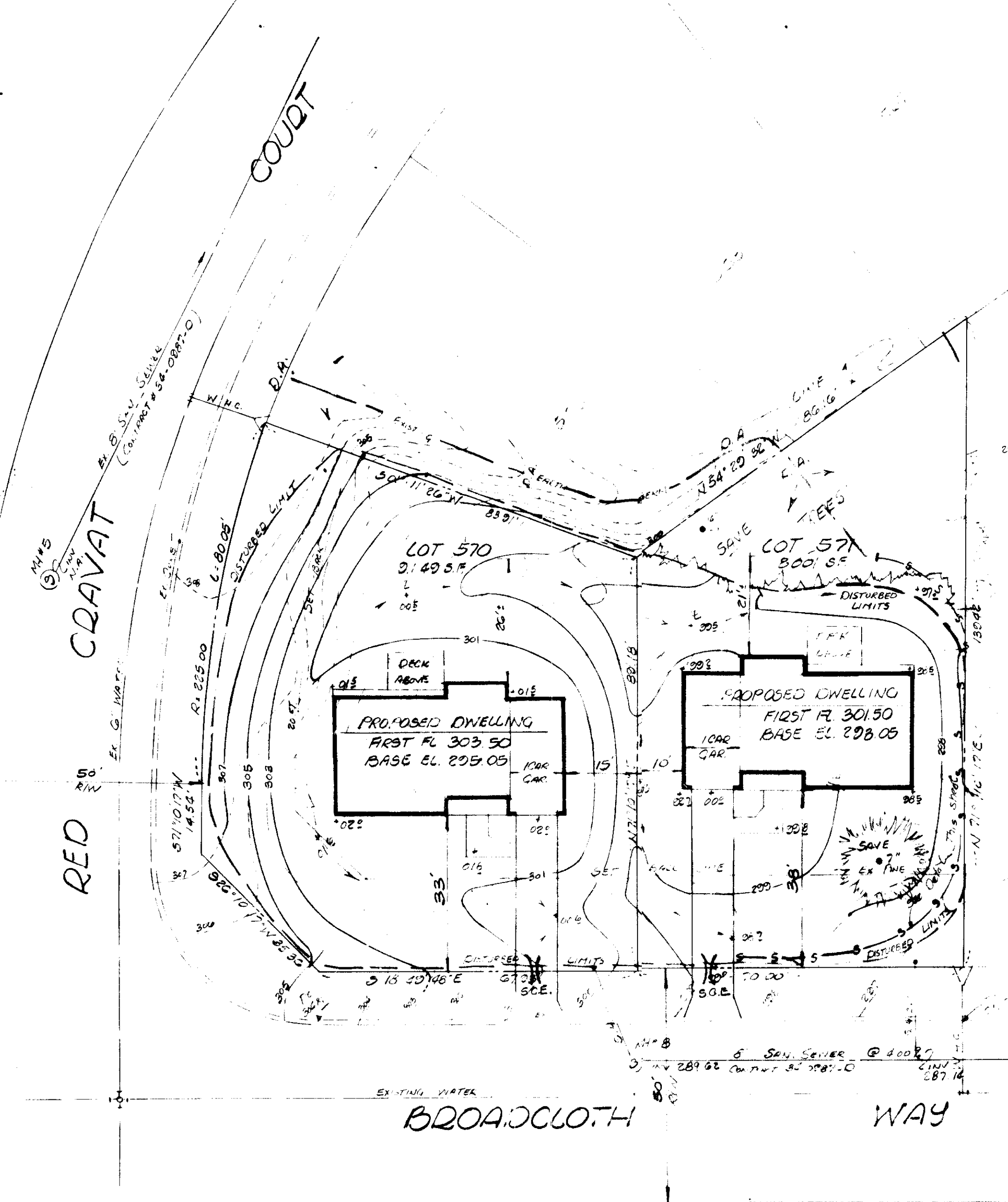


- SEDIMENT CONTROL CONSTRUCTION NOTES**
- GENERAL NOTES**
- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction (922-2070).
 - All sediment Control Structures will be installed in accordance with "The Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" as prepared by the U.S. Department of Agriculture Soil Conservation Service.
 - Site grading will begin only after all perimeter sediment control measures.
 - FOLLOWING INITIAL SOIL DISTURBANCE AND/OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN:**
 - SEVEN (7) CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1.
 - FOURTEEN (14) DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
 - Sediment will be removed from traps when the depth reaches the clean out elevation shown on the plans.
 - Fertilizer and lime rates may be changed through authorization by the Howard Soil Conservation District if soil tests determine a reduction in the specified rates is justified.
 - 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.
 - References called for on the sediment control construction plan and details are made to "The Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas".
 - Sediment control will be installed before clearing and grubbing remainder of site.

- TEMPORARY SEEDING**
- Area to be seeded shall be recently loosened. If the ground is packed, crusted or hard, the top layer of soil shall be loosened by disking, raking or other acceptable means.
- Apply 10-20-10 fertilizer (or equivalent) at the rate of 600 lbs. per acre or 15 lbs. per 1000 square feet.
 - Where soil is known to be highly acid, apply dolomitic limestone at the rate of 1 ton per acre.
 - Work both into soil and seed with cyclone seeder, drill, cultipacker seeder or hydroseeder (slurry will include seed and fertilizer) at the rate of 40 lbs. per acre of Italian or perennial ryegrass.
 - Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons, per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gal. per 1000 square feet.
- PERMANENT SEEDING**
- Final stabilization will take place as soon as possible as weather conditions permit, as follows:
- Apply dolomitic limestone at the rate of 2 tons per acre (one ton per acre if application of ton per acre was made for temporary seeding.)
 - Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre harrow or disc line and 0-20-20 fertilizer into the soil to a minimum depth of 3" lawns or high maintenance areas will be dragged and leveled with a York rake.
 - At the time of seeding apply 400 pounds of 30-0-0 ureaform fertilizer and 500 lbs. of 10-20-20 or equivalent fertilizer per acre.
 - Seed with a mixture of certified "Merion" Kentucky bluegrass - 40 lbs. per acre; common Kentucky bluegrass @ 40 lbs. per acre; Red Fescue, Pennlaw or Jamestown @ 20 lbs. per acre.
 - Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gallons per 1000 square feet.
 - Seed all slopes with a mixture of certified Kentucky 31 tall fescue @ 50 lbs. per acre and inoculated Korean Lespedeza @ 15 lbs. per acre.
 - Sodded swales shall be Kentucky 31 tall fescue.



- Construction Specifications**
- Stone size - Use MSHA size No. 2 (2-1/2" to 3") or ASTM designation #4, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
 - Length - As effective, but not less than 10 feet.
 - Thickness - Not less than eight (8) inches.
 - Width - Not less than full width of all points of ingress or egress.
 - Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized 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 other approved methods.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-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 right-of-way must be removed immediately.



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-15-84
HUM

BUILDING COVERAGE

LOT 570	600 COVER	14
571	1,300 S.F.	10

- CONSTRUCTION SEQUENCE**
- Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6.

DEVELOPERS/BUILDER'S CERTIFICATE

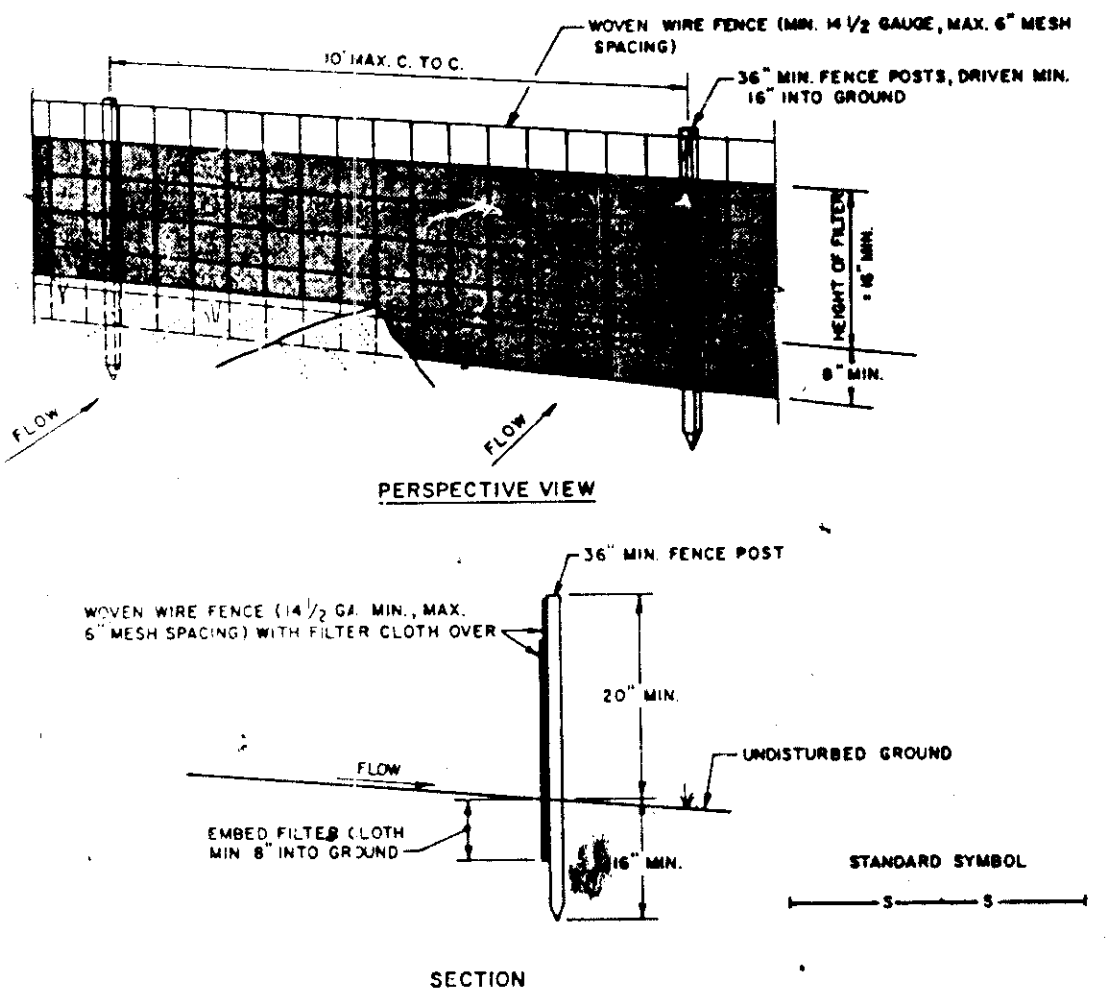
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT OF NATURAL RESOURCES APPROVED TRAINING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

APPROVED: *Stephan L. Fisher* 10-22-84
DATE

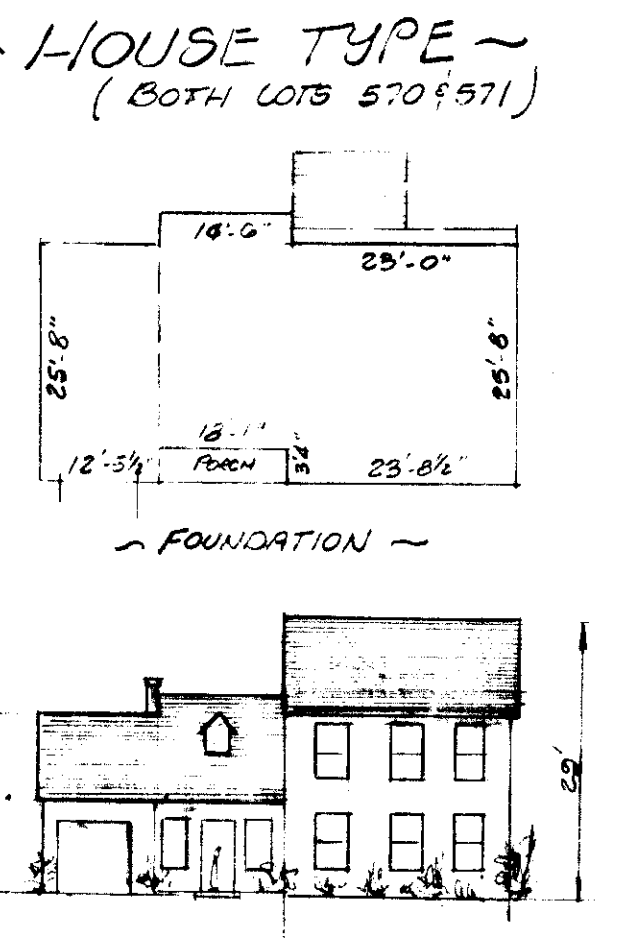
ENGINEERS CERTIFICATE

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

LAND SURVEYOR: _____ DATE: _____



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
 - Filter cloth to be fastened securely to woven wire fence with ties or staples every 24" at top and mid section.
 - When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
 - 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, 14" GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER X, MESH 100, STABILIZATION OR APPROVED EQUAL
PREFABRICATED UNIT: GEORAB, DIVORFENCE, OR APPROVED EQUAL



SILT FENCE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT.
Joyce Rogers 10-30-84
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
John W. Munnich 10-31-84
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John W. Munnich 10-26-84
DATE

APPROVED FOR HOWARD S.C.D. AND MESA'S TECHNICAL REQUIREMENTS
James M. Helms 10-26-84
DATE

CHIEF BUREAU OF ENGINEERING
John W. Munnich 10-25-84
DATE

REVIEWED FOR HOWARD S.C.D. AND MESA'S TECHNICAL REQUIREMENTS
James M. Helms 10-26-84
DATE

U.S. SOIL CONSERVATION SERVICE

- GENERAL NOTES**
- THE LAND INCLUDED IS ZONED S.F.M.O. (FOP 178)
 - COORDINATES SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLANE COORDINATE SYSTEM. BEARINGS REFER TO THE TRUE NORTH AND ARE BASED ON HOWARD COUNTY GEODETIC SURVEY POINT NO. 2843001 AND NO. 2843002
 - THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TAX MAP # 1750 50 FT. (0.00 AC.)
 - ALL ROADS ARE PUBLIC AND EXISTING
 - ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAYS SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE.
 - TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE 2
 - STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.

ADDRESS CHART

LOT NO.	STREET ADDRESS	SUBDIVISION NAME	SEC. / AREA	LOT NO.
570	*7525 BROADCLOTH WAY	VILLAGE OF KINGS CONTINUANCE	2 / 3	570 & 571
571	*7527	PLAT NO. OR L.P. BLK. NO. ZONE TAX / ZONE MAP / ELEC. DIST. G.T.H.	13 / S.F.M.O. 44	6062.0
		WATER CODE	W E-16	SEWER CODE
				635000

ENGINEERING LANDSCAPE DESIGN CONSTRUCTION CONTRACTING DEVELOPMENT COST PROPERTY DEVELOPMENT	LAND DESIGN ASSOCIATES 416 EAST JOPPA ROAD TOWSON MARYLAND 21204 (301) 321-0112	
DESIGNED R.L.W.	SITE DEVELOPMENT & SEDIMENT CONTROL PLAN	SCALE 1" = 20'
DRAWN R.L.W.	LOTS 570 & 571	DRAWING 1 OF 1
CHECKED P.L.W.	VILLAGE OF KINGS CONTINUANCE SECTION 2 AREA 3 PHASE 3 GTH ELECTION DISTRICT HOWARD CO. MD	JOB NO.
DATE 10/15/84	FOR: HERITAGE HOMES IN ORCHARD VENTURE 9900 ROUTE 100 COLUMBIA MD 21043	FILE NO.