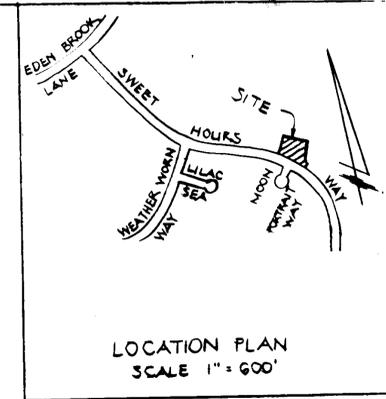
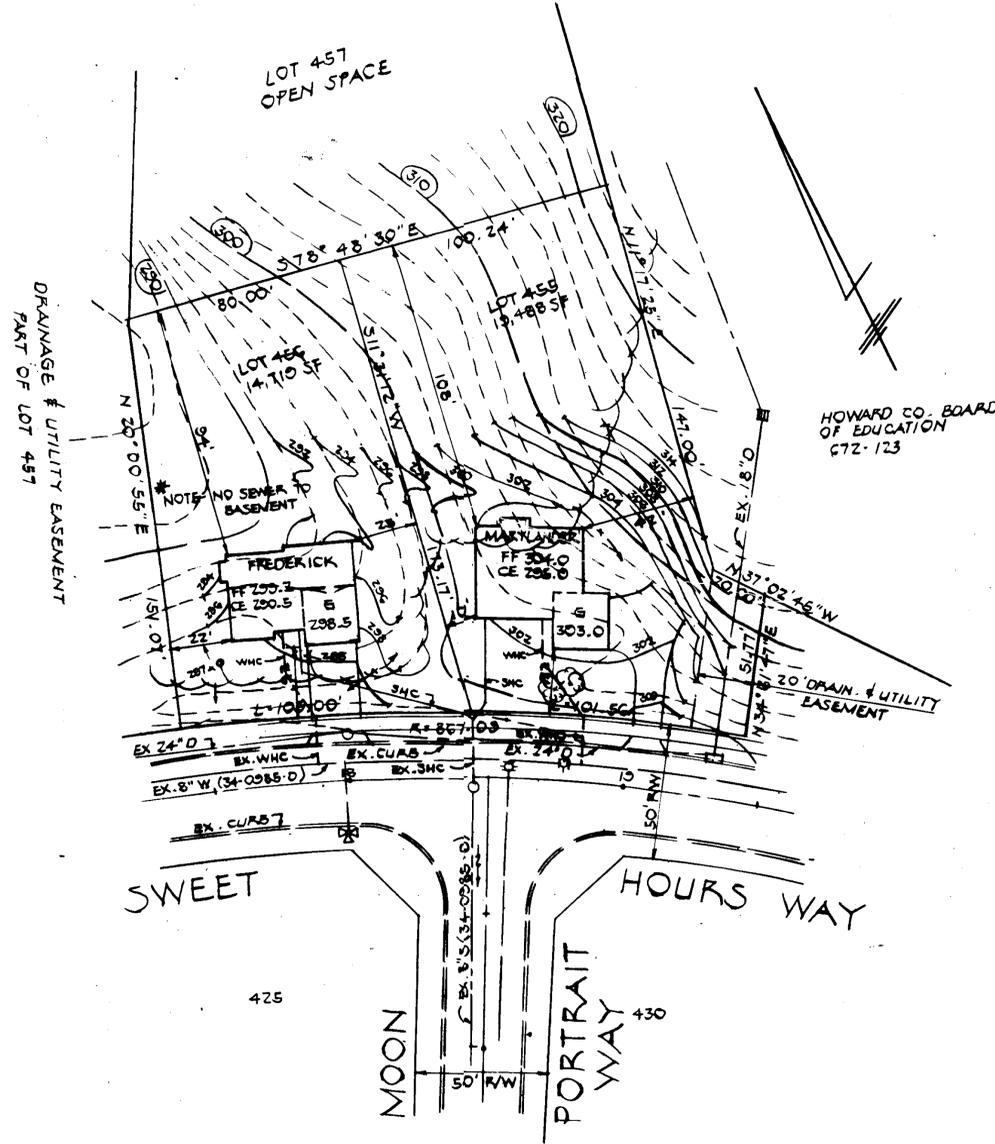


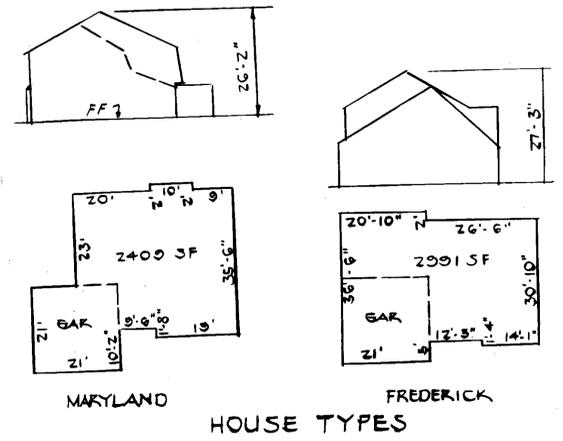
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS
APPROVED: [Signature] DATE: 11-18-85
PLAT NO. OF CASE: 86-82C



- GENERAL NOTES
1. ZONING - NT - SFMD FDP PHASE 178 PART III
 2. TOTAL AREA OF LOTS = 0.785 AC. ±
 3. TOTAL NO. OF LOTS = 2
 4. ANY DAMAGE WITHIN PUBLIC RIGHT-OF-WAY SHALL BE REPAIRED IMMEDIATELY AT THE DEVELOPERS EXPENSE.
 5. FOR STORM WATER MANAGEMENT DESIGN CRITERIA SEE F-80-96C



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 11-4-85
[Signature]



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

[Signature] 11-13-85
U.S. SOIL CONSERVATION SERVICE Date

This Development Plan is approved for erosion and sediment control by The Howard Soil Conservation District.

Approved: [Signature] 11/13/85
District Coordinator Date
Howard Soil Conservation District

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

[Signature] 11-19-85
PLANNING DIRECTOR Date

[Signature] 11-19-85
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. Date

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

[Signature] 11-18-85
COUNTY HEALTH OFFICER Date

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

[Signature] 11-15-85
DIRECTOR Date

[Signature] 11-14-85
CHIEF BUREAU OF ENGINEERING Date

ENGINEER'S CERTIFICATE

I 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 Conservation District.

[Signature] Walter Paul 11/7/85
Date

HUDKINS ASSOCIATES, INC.
200 EAST JOPPA ROAD
ROOM 101, SHELL BUILDING
TOWSON MARYLAND 21284

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 onsite inspection by The Howard Conservation District of their authorized Agents as are deemed necessary."

[Signature] 11/7/85
Date

OWNER & DEVELOPER
CONSOLIDATED HOME BUILDING CORP
SUITE 116 GORMAN PLAZA BLDG.
8850 RTE 106 COLUMBIA, MD 21045
395-0065

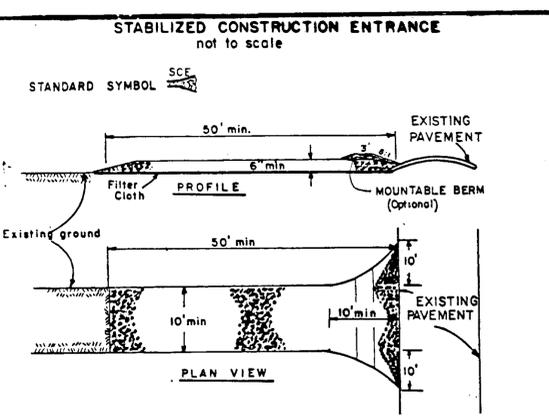
ENGINEER
HUDKINS ASSOCIATES, INC
200 EAST JOPPA ROAD
ROOM 101, SHELL BUILDING
TOWSON MARYLAND 21284

SECTION NAME	SECT./AREA	LOT/PARCEL #
VILLAGE OF KINGS CONTRIVANCE	2/3	455 & 456
TRF. DIST.	BLOCK #	ZONE
5088	14	NT
TAX/ZONE MAP ELEC. DIST.	CENSUS TR.	
42	5	6062
TAX ID	SEWER CODE	
E 16	6340000	

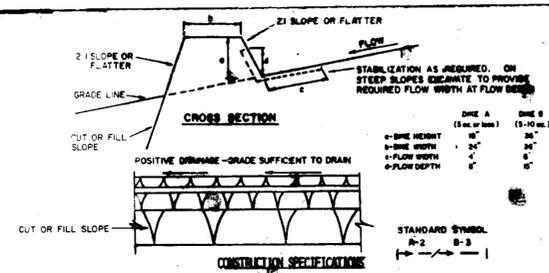
LOT NUMBER	STREET ADDRESS
455	7635 SWEET HOURS WAY
456	7631 SWEET HOURS WAY

Sheet 1 of 2

SITE DEVELOPMENT PLAN
LOTS 455 & 456
VILLAGE OF KINGS CONTRIVANCE 2-3
PLAT NO. 5053
5TH ELECTION DIST. HOWARD COUNTY, MD
SCALE 1" = 30'
SEPT. 28, 1985
SDP 86-82C



- 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 residence 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 and 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 residence lot.
 - Surface water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mounded berm with 5:1 slopes 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 prevention shall be accomplished with additional stone as conditions may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measure 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 a area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.



- SEDIMENT CONTROL 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. (202-2437)
 - 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 re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days for all other disturbed or graded areas on the project site.
 - All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
 - 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. 51) and (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 germination 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	0.785 Acres
Area Disturbed	0.50 Acres
Area to be roofed or paved	0.14 Acres
Area to be vegetatively stabilized	0.36 Acres
Total Cut	1100 Cu. yds
Total Fill	1100 Cu. yds
Offsite waste/borrow area location	N/A
 - 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 DPV 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 controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.

FLOW CHANNEL STABILIZATION

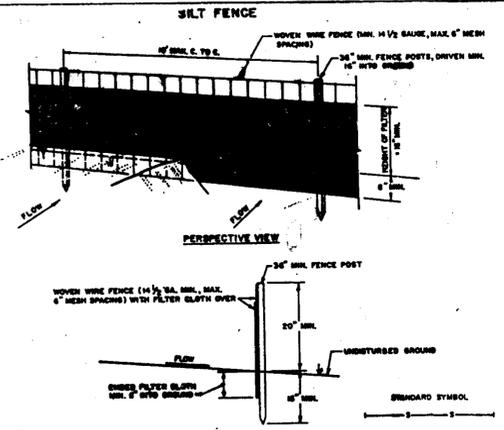
TYPE OF TREATMENT	CHANNEL	DIKE A	DIKE B
1	5-3.0E	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5.0E	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELLENT SOIL; 2" STONE
3	5.1-8.0E	SEED WITH JUTE, OR SOIL; 2" STONE	LINED RIP-RAP 4-8"
4	8.1-20E	LINED RIP-RAP 4-8"	ENGINEERING DESIGN

A. Stone to be 2 inch stone, or recycled concrete equivalent, in a layer at least 3 inches in thickness and be pressed into the soil with construction equipment.
 B. Rip-rap to be 8 inches in a layer at least 8 inches thickness and pressed into the soil.
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

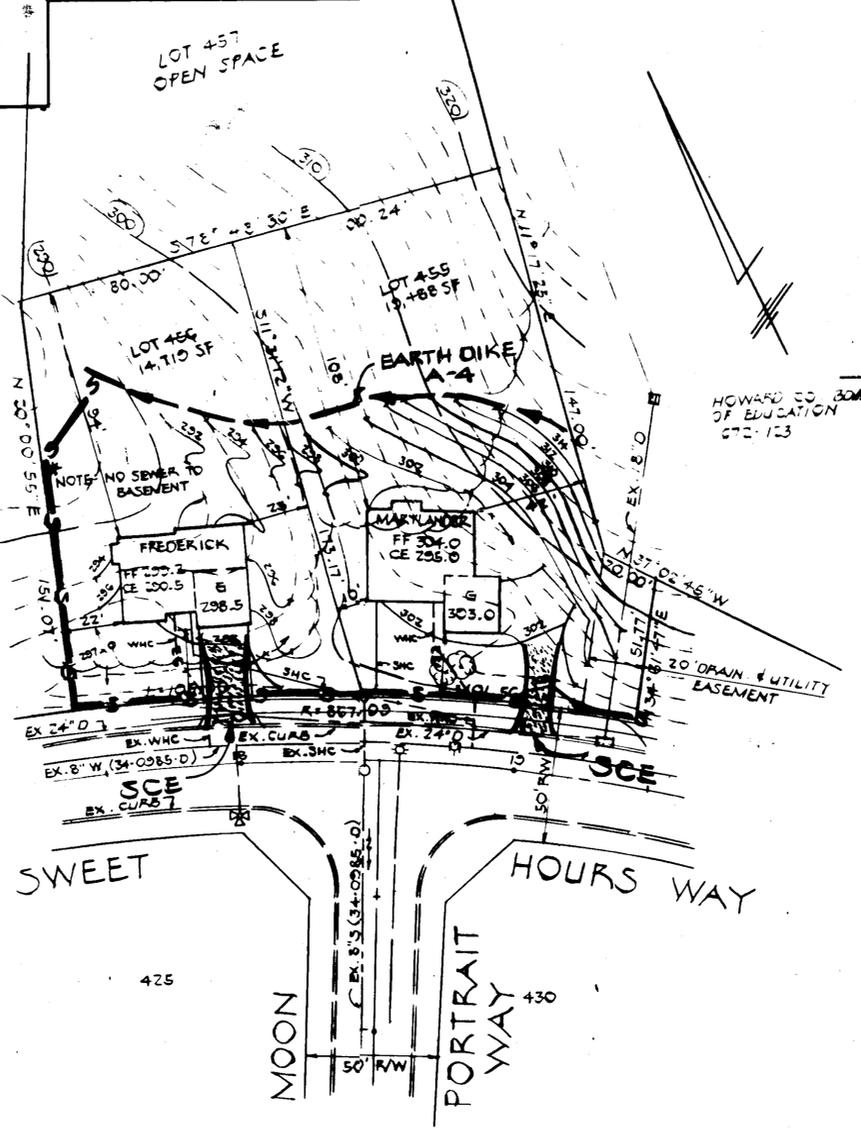
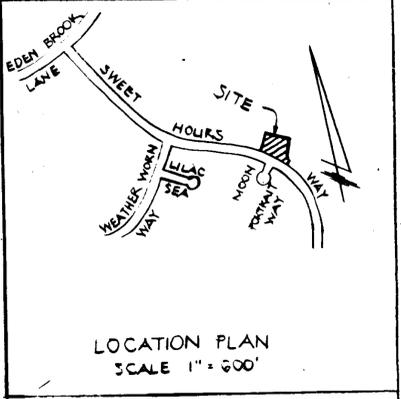
U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

EARTH DIKE

STANDARD DRAWING
SD-1



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- MOVIE WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO MOVIE WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 - WHEN TWO SECTIONS OF FILTER CLOTH MEET EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLDED.
 - MAINTENANCE SHALL BE PERFORMED AS SEEDING AND MATERIAL SEEDING ARE COMPLETED TO DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
 FENCE: MOVIE WIRE, 14# GA. 6" MAX. PESH OPENING
 FILTER CLOTH: FILTER X, HEAVY 100% STRAW, LENGTH 11400" OR APPROVED EQUAL
 PREFABRICATED UNIT: GEORGE, WOODRIDGE, OR APPROVED EQUAL
- STANDARD DRAWING
SF-1



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 11-4-85

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

11-13-85
Date

Approved: Stephen L. Fulin
11/13/85
Date

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
11-19-85
Date

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS
11-19-85
Date

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS.
11-18-85
Date

APPROVED: FOR PUBLIC WATER, PUBLIC SEWER, STORM DRAINAGE SYSTEMS & PUBLIC ROADS. HOWARD COUNTY DEPT. OF PUBLIC WORKS.
11-15-85
Date

11-14-85
Date

- SEQUENCE OF CONSTRUCTION**
- Obtain grading permit
 - Notify Howard Co. Dept. of Permits and Licenses
 - Install sediment control devices
 - Obtain approval from sediment control inspector
 - Grade site and stabilize in accordance with standards and specifications
 - Begin building construction
 - Stabilize improved areas per permanent seeding procedures
 - Remove sediment control features after obtaining approval and stabilize those areas

ENGINEER'S CERTIFICATE

I 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 Conservation District.

Walter Park
Nov 7, 1985
Date

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 onsite inspection by The Howard Conservation District of their authorized Agents as are deemed necessary.

11/85
Date

OWNER & DEVELOPER
CONSOLIDATED HOME BUILDING CORP.
SUITE 110 GORMAN PLAZA BLDG.
8350 RTE 108 COLUMBIA, MD 21045
995 0065

ENGINEER
HUDKINS ASSOCIATES, INC.
210 EAST JOPPA ROAD
PO BOX 101 SHELL BURNING
TOWSON, MARYLAND 21286

SHEET 2 of 2

SITE DEVELOPMENT PLAN
LOTS 455 & 456
VILLAGE OF KINGS CONTINUANCE 2-3
PLAT NO. 5053
5TH ELECTION DIST. HOWARD COUNTY, MD.
SEPT. 28, 1985
SCALE 1" = 30'

SDP 86-82C