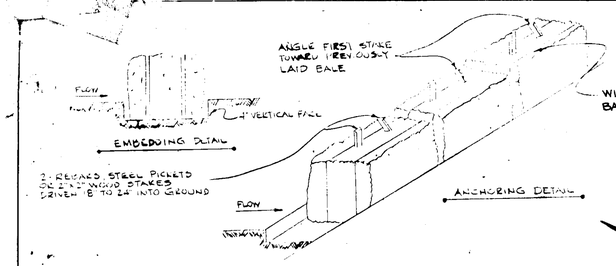
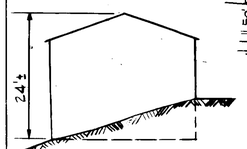
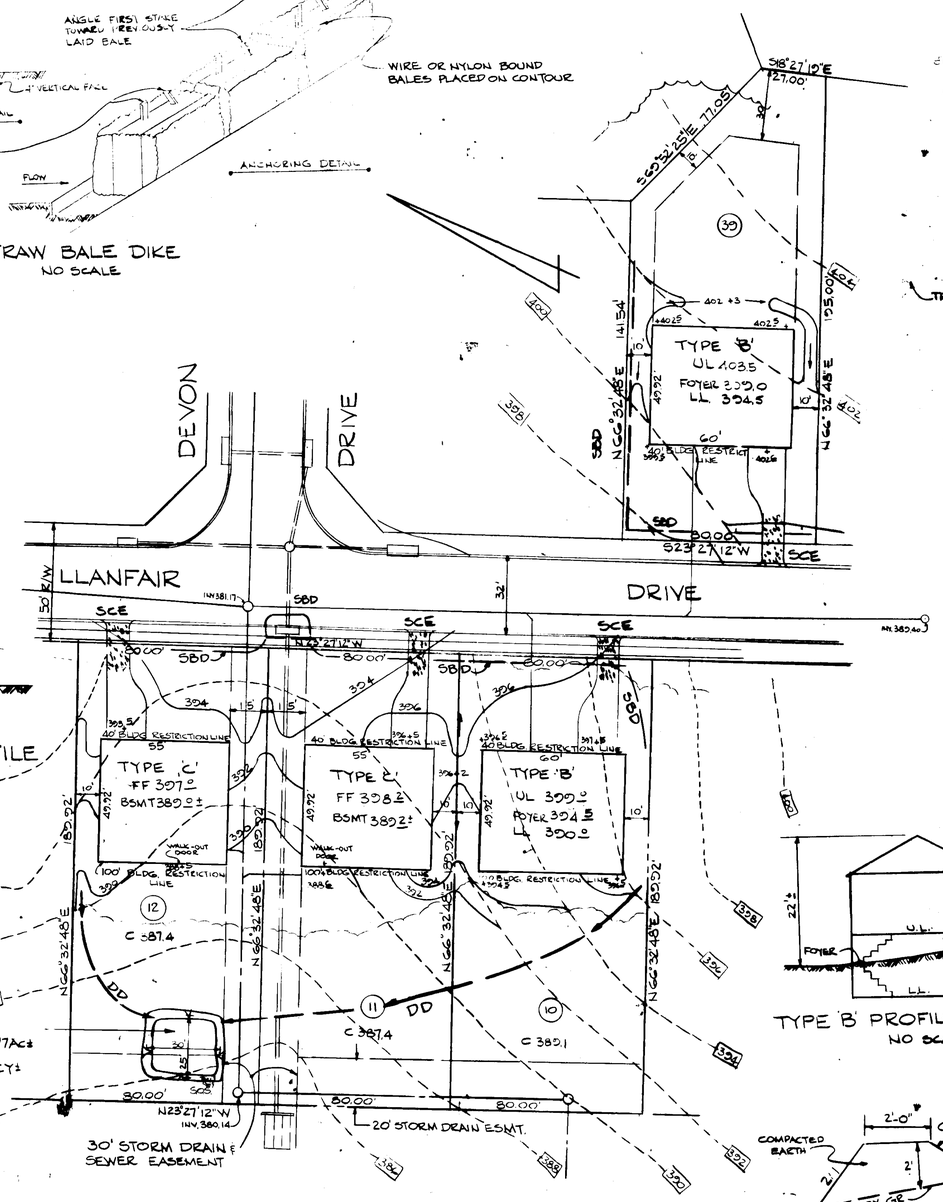
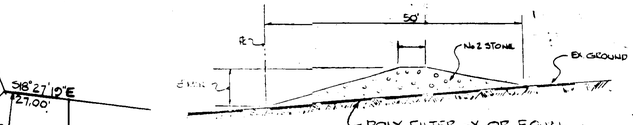


STRAW BALE DIKE
NO SCALE

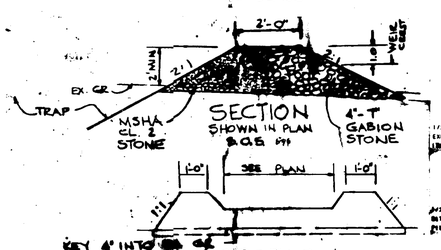


TYPE 'C' PROFILE FOR LOTS 11 & 12
NO SCALE

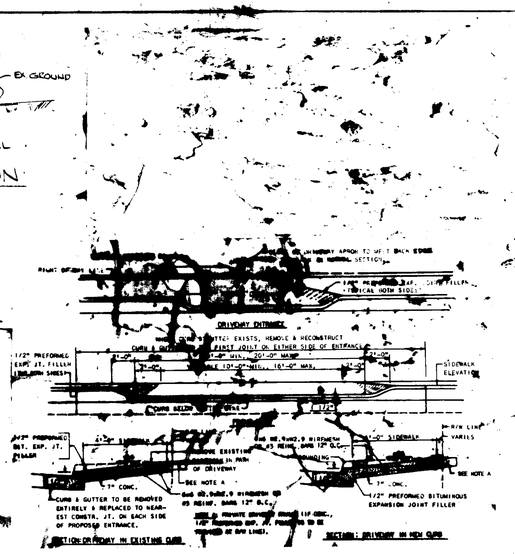


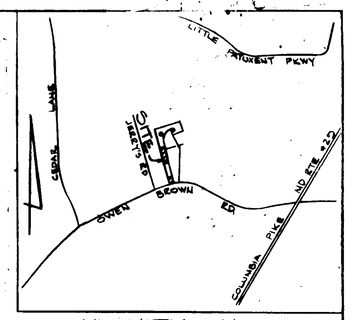


STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



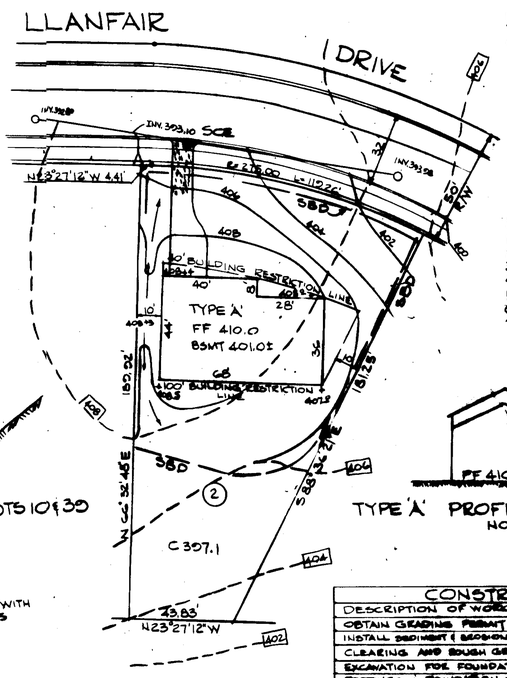
OUTLET STRUCTURE





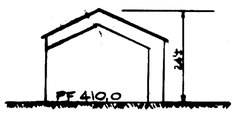
VICINITY MAP
SCALE: 1"=2000'

NOTE: ALL CONSTRUCTION SHALL CONFORM TO THE HOWARD COUNTY ROAD CONSTRUCTION CODE & STANDARD SPECIFICATIONS.

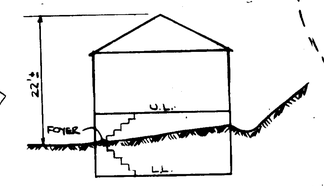


SITE ANALYSIS
1. PRESENT ZONING R-20
2. TOTAL NUMBER OF LOTS OR PARCELS 5
3. TOTAL AREA OF LOTS OR PARCELS 1.73 Ac±
4. TOTAL AREA TO BE DISTURBED 1.14Ac±
5. TOTAL AREA TO BE REVEGETATED 0.73
6. PLAT REFERENCE 4091
7. TAX MAP 35

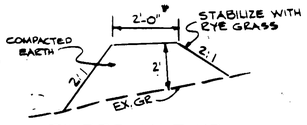
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-2-81



TYPE 'A' PROFILE FOR LOT 2
NO SCALE



TYPE 'B' PROFILE FOR LOTS 10 & 39
NO SCALE



DIVERSION DIKE
SHOWN IN PLAN DD

NOTE: MIN. CELLAR ELEVATIONS SHOWN HEREON AS PER CONTRACT No. 2806 DWFS.

HOUSE TYPE - OCCUPIES THE FULL ALLOWABLE BUILDING ENVELOPE & MUST BE CERTIFIED AS TO POSITIVE DRAINAGE BY SURVEY OR THE APPROVAL OF DEPARTMENT OF PUBLIC WORKS AT INSPECTION OF THE FOUNDATION.

DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL & 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 & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ONSITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE
Mc CUAN DEVELOPMENT CORPORATION
7/30/1981
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 THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

STATE OF MARYLAND
WALTER PARK
No. 5397
REGISTERED PROFESSIONAL ENGINEER
LAND SURVEYOR

WALTER PARK
7/29/81
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

PLANNING DIRECTOR
10-23-81
DATE

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
10-6-81
DATE

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

SIGNATURE
8-28-81
DATE

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

HOWARD SOIL CONSERVATION DISTRICT
8-28-81
DATE

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

DIRECTOR
10-2-81
DATE

CHIEF, BUREAU OF ENGINEERING
10/2/81
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

COUNTY HEALTH OFFICER
10-6-81
DATE

SEDIMENT CONTROL NOTES
1. OBTAIN GRADING PERMIT.
2. The contractor shall notify the Howard County Department of Inspections & Permits at least 24 hours prior to beginning any construction shown hereon. (992-2436)
3. All sediment control measures shall be installed in accordance with this plan and the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" (6/75) prior to any grading or disturbance to any surface material.
4. All sediment control structures to remain in place until permission for their removal has been obtained from the Sediment Control Inspector.
5. Periodic inspection and required maintenance must be provided by the contractor or his representative on a daily basis to ensure proper functioning of all sediment control structures.
6. All graded areas, not to be paved shall be stabilized in accordance with the following:
   a. Place 3" compacted layer of topsoil to finished grade.
   b. Spread dolomitic limestone at the rate of 90 lbs/1,000 sq. ft.
   c. Spread 10-10-10 commercial grade fertilizer at the rate of 25 lbs./1,000 sq. ft. and disc into soil to a 3" depth
   d. Seed prepared areas at the rate of 3 lbs./1,000 sq. ft. (1) 40% Merion Kentucky Bluegrass, 40% common Kentucky Bluegrass, 20% Penn Lawn Creeping Red Fescue
   e. All seeding shall be raked with a York Rake (min. of 2 passes covered and compacted with a Cultipacker or other approved method.
   f. Mulch all areas immediately after seeding with unweathered small grain straw at the rate of 70 lbs./1,000 sq. ft. and spray with emulsified asphalt at the rate of 0.04 gal./sq. yd.
   g. All seeded areas which do not show signs of germination within 4 weeks after seeding shall be reseeded.

TEMPORARY SEEDING NOTES:
1. Seed immediately upon construction with ANNUAL RYE @ 3 LBS/1000 SF OR PERENNIAL RYE @ 1 LB/1000 SF
2. Apply 46 lbs./1000 s.f. of pulverized dolomitic limestone. APPLY 15 lbs./1000 s.f. of 10x10x10 or equivalent fertilizer.
3. Harrow or disc lime and fertilizer into the soil to a depth of at least 3 inch continue tillage until a reasonably uniform fine firm seedbed has been prepared on sloping land the final harrowing or discing should be on the contour.
4. Mulch with straw @ 75 lbs./1000 s.f.

CONSTRUCTION SCHEDULE

DESCRIPTION OF WORK	FROM DAY No	TO DAY No	TOTAL No OF DAYS
OBTAIN GRADING PERMIT	1	1	1
INSTALL SEDIMENT & EROSION CONTROL DEVICES	1	5	4
CLEARING AND ROUGH GRADING	5	8	3
EXCAVATION FOR FOUNDATIONS	8	14	6
FOOTINGS & FOUNDATION WALLS	14	24	10
CONSTRUCT STRUCTURE	24	84	60
FINE GRADING	84	88	4
EFFECTIVE STABILIZATION	88	96	8

NOTE:
1. OBTAIN GRADING PERMIT
2. ADJUST CONSTRUCTION SCHEDULE DUE TO INCLEMENT WEATHER.
3. ALL DISTURBED AREAS TO BE STABILIZED WITHIN 180 DAYS.
4. APPROXIMATE STARTING DATE: SEPT 1, 1981
5. STREET TREES ARE REQUIRED IN ACCORDANCE WITH SECTION 16.131 OF THE LAND DEVELOPMENT AND SUBDIVISION REGULATIONS. THE RESPONSIBILITY FOR PLANTING SHALL BE BY THE DEVELOPER. (Mc CUAN DEVELOPMENT CORP.)

NOTES
1. Notify the Howard Co. Bureau of Inspection & permits @ least 24 hrs. before starting work.
2. All sediment control devices are to remain in place until permission for removal has been obtained from The Howard Co. Bureau of Inspection & Permits.
3. Structural measures such as berms, dikes, traps, basins, etc. will be installed & stablized according to the plan prior to any disturbance of the existing surface of the site.
4. On site inspection and maintenance of all sediment control measures including cleanout of traps and berms 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.

PREPARED BY
HUDKINS ASSOCIATES, INC.
200 EAST JOPPA ROAD
ROOM 101, SHELL BUILDING
TOWSON, MARYLAND 21204

SITE DEVELOPMENT PLAN
LOTS 2, 39, 10, 11 & 12
OWEN BROWN ESTATES
SECT. I AREA I
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=30' JULY 28, 1981

OWNER & DEVELOPER
Mc CUAN DEVELOPMENT CORPORATION
SUITE 312 K&M BUILDING LAKE FRONT NORTH
COLUMBIA MD 21044 - VILLAGE OF HARPERS CHOICE

SDP-82-10