

JOHN B. WIDDUP
L. 260 F. 386

THIS AREA TO BE FILLED AND GRADED (AS SHOWN)
PRIOR TO TRAP #1 INSTALLATION

SITE ANALYSIS

TOTAL AREA OF LOTS 7.25 AC.
PRESENT ZONING R-20
NUMBER OF LOTS 24
TAX MAP 30131
RECORDED AS PLAT 4645

NOTE: STREET TREE PLANTING IN ACCORDANCE
WITH SUBDIVISION REG. 16-181 WILL BE
THE RESPONSIBILITY OF DEVELOPER/OWNER.
RESPONSIBLE PARTY THIS PROJECT
SICRATS SUBKUB
10280 RIVER ROAD
SUITE 115 POTOMAC, MD.

TRAP #1 S.O.S.T.
D.A. 1.2 AC.
STORAGE REQUIRED 12,1800 + 2,160 FT.³
STORAGE PROVIDED 2,187 FT.³
DEPTH 3'
TOP STONE CREST EL. 408.0
BOTTOM EL. 400.0
BOT. DIMENSION 27' X 21'

TRAP #10 S.O.S.T. ST-3
D.A. 1.4 AC.
STORAGE REQUIRED 14,1800 + 2920 FT.³
STORAGE PROVIDED 2520 FT.³
DEPTH 3'
TOP STONE CREST ELEV. 417.0
BOTTOM ELEV. 414.0
BOTTOM DIMENSIONS 29' X 18'
L-7'

TRAP #9 S.O.S.T. ST-3
D.A. 3.6 AC.
STORAGE REQUIRED 34,1800 + 6480 FT.³
STORAGE PROVIDED 6480 FT.³
DEPTH 4'
TOP OF STONE CREST ELEV. 412.0
BOTTOM ELEV. 408.0
BOTTOM DIMENSIONS: SEE PLAN
L-22'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 11-29-82
JMM

JOHN B. WIDDUP
L. 260 F. 386

PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
AND COUNTY HEALTH DEPARTMENT

DATE 12/27/82

DATE 12-27-82

DATE 12-27-82

DATE 12-27-82

DEVELOPER'S CERTIFICATE

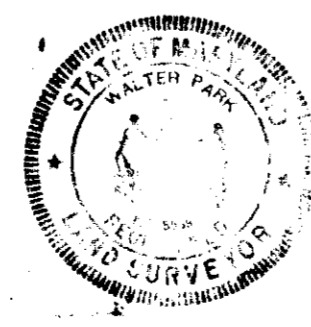
I certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control, and that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District, or their authorized agents, as are deemed necessary.

Floyd Chapman
Floyd Chapman
Date

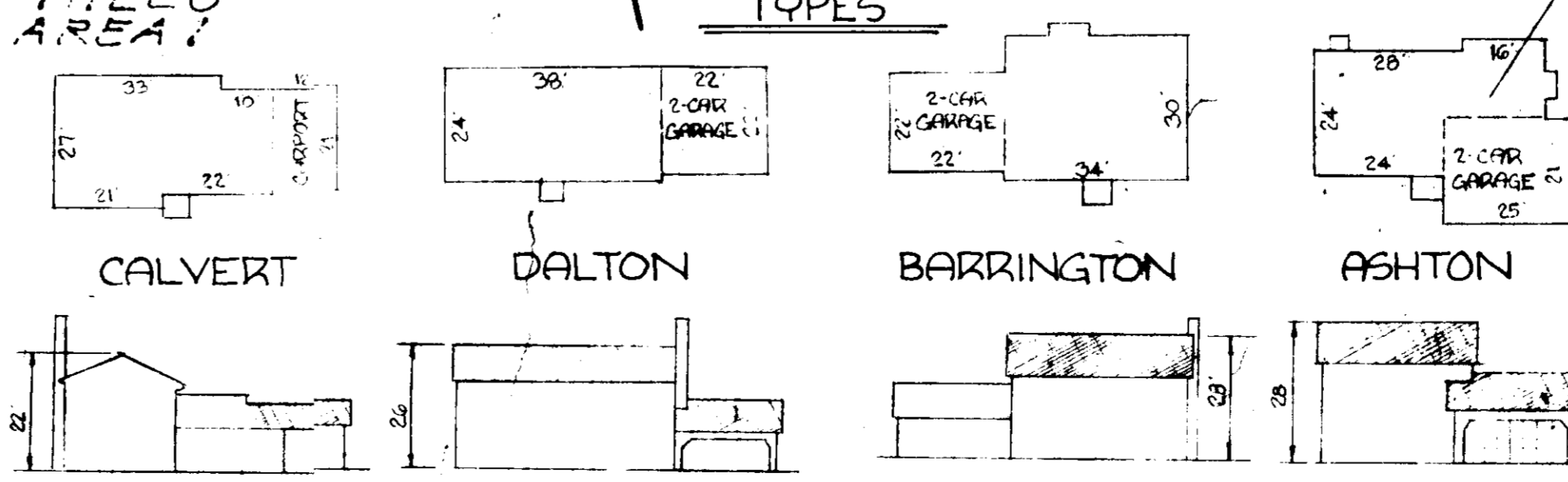
ENGINEER'S CERTIFICATE

I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my knowledge of the site, and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Walter Park
Walter Park
Date 12-10-1982



BRAMPTON HILLS
SECTION 1
AREA 1
MODEL
TYPES



REVISION TO S.D.P. 81-46

ton wagner
land development consultant
416 east joppa road in bethesda, md. 21204
telephone: (301) 321-0112

DESIGNED: ton wagner
DRAWN: ton wagner
CHECKED: ton wagner
DATE: Oct. 1982

SITE DEVELOPMENT PLAN
LOTS 23-46 AND 55-60
TRAP MAP 30131
BRAMPTON HILLS
SECTION 1 AREA 1
2ND ELECTORAL DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 20'
10' = 1" = 20'

FOR: GRAYSON HOMES, INC.
6316 JOHNSWORTHY ROAD
BALTIMORE, MD. 21207

SDP-83-49

TRAP #7 S.O.S.T. ST-3
 D.A. : 0.6 AC
 STORAGE REQUIRED : 0.6 * 1800 = 1080 FT.³
 STORAGE PROVIDED : 1080 FT.³
 DEPTH : 2'
 TOP OF STONE CREST : 411.0
 BOTTOM ELEV. : 409.0
 BOTTOM DIMENSIONS : 25' * 16'
 L : 4'

TRAP #8 S.O.S.T. ST-3
 D.A. : 0.4 AC
 STORAGE REQUIRED : 0.4 * 1800 = 720 FT.³
 STORAGE PROVIDED : 720 FT.³
 DEPTH : 2'
 TOP OF STONE CREST : 405.0
 BOTTOM ELEV. : 403.0
 BOTTOM DIMENSIONS : 16' * 14'
 L : 3'

TRAP #5 S.O.S.T. ST-3
 D.A. : 0.3 AC
 STORAGE REQUIRED : 0.3 * 1800 = 540 FT.³
 STORAGE PROVIDED : 540 FT.³
 DEPTH : 2'
 TOP OF STONE CREST : 421.0
 BOTTOM ELEV. : 419.0
 BOTTOM DIMENSIONS : 23' * 6'
 L : 2'

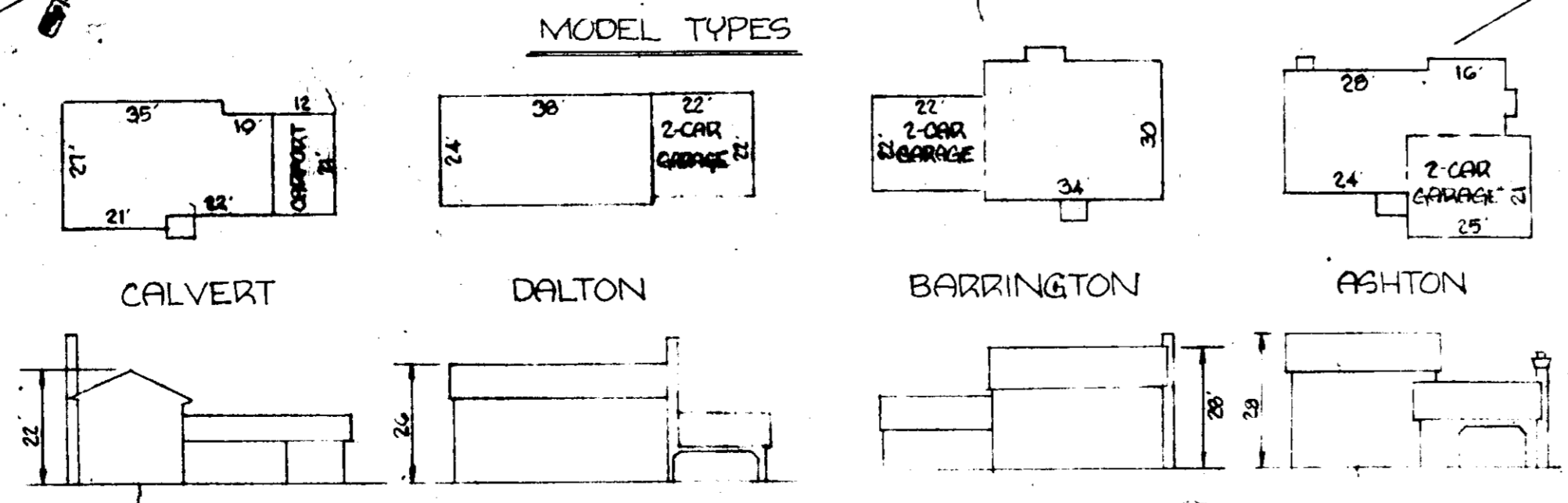
TRAP #6 S.O.S.T. ST-3
 D.A. : 0.3 AC
 STORAGE REQUIRED : 0.3 * 1800 = 540 FT.³
 STORAGE PROVIDED : 540 FT.³
 DEPTH : 2'
 TOP OF STONE CREST : 428.0
 BOTTOM ELEV. : 426.0
 BOTTOM DIMENSIONS : 23' * 6'
 L : 2'

TRAP #13 S.O.S.T. ST-3
 D.A. : 1.2 AC
 STORAGE REQUIRED : 1.2 * 1800 = 2160 FT.³
 STORAGE PROVIDED : 2160 FT.³
 DEPTH : 3'
 TOP OF STONE CREST : 411.0
 BOTTOM ELEV. : 408.0
 BOTTOM DIMENSIONS : 30' * 14'
 L : 8'

Note
 Basement on lot 60 Will Not Sewer
 By Gravity Flow

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 11-29-82
 JMM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

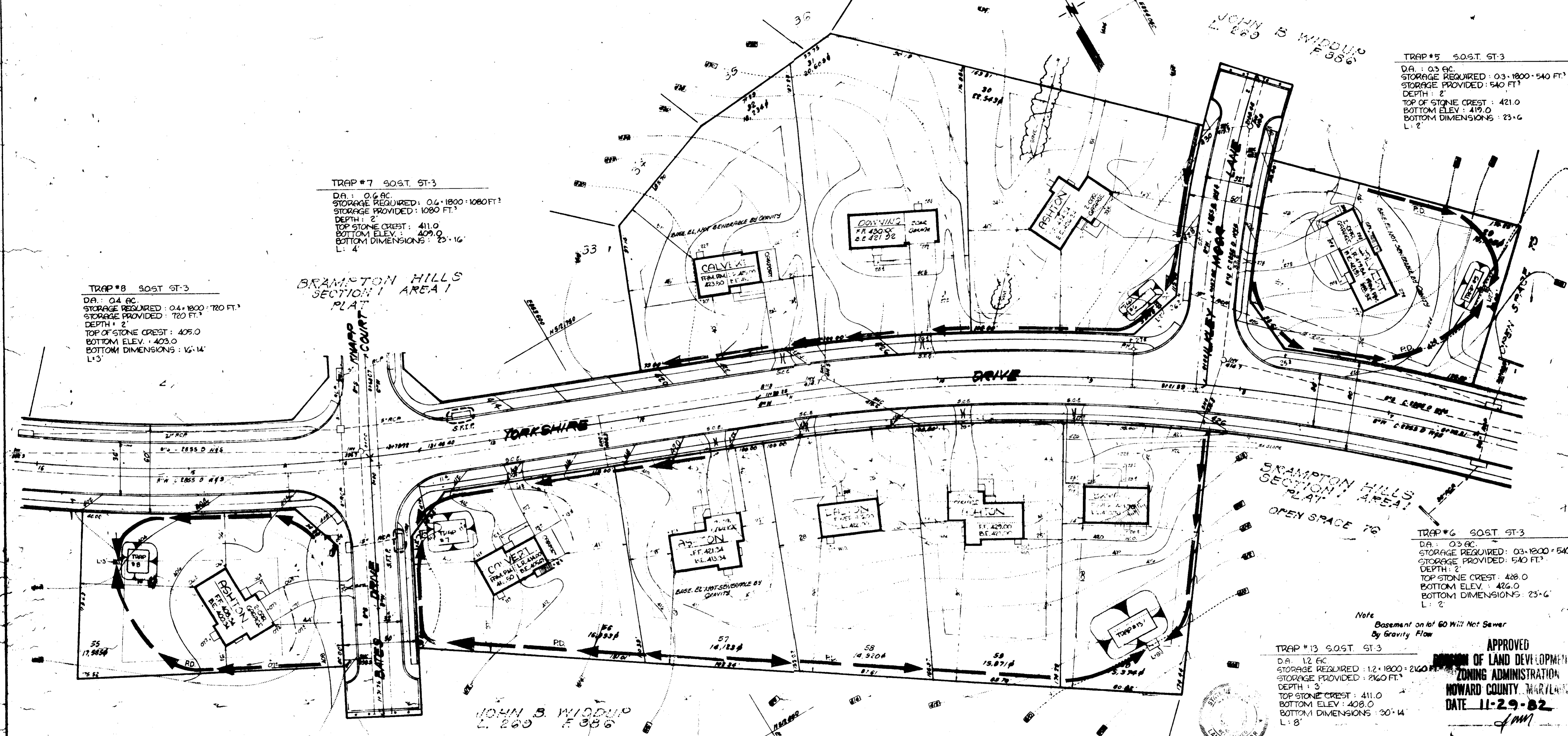


DEVELOPER'S CERTIFICATE
 I certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control, and that all responsible personnel involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District, or their authorized agents, as are deemed necessary.
 Date 11/11/82

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, and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 Date 12/10/1982



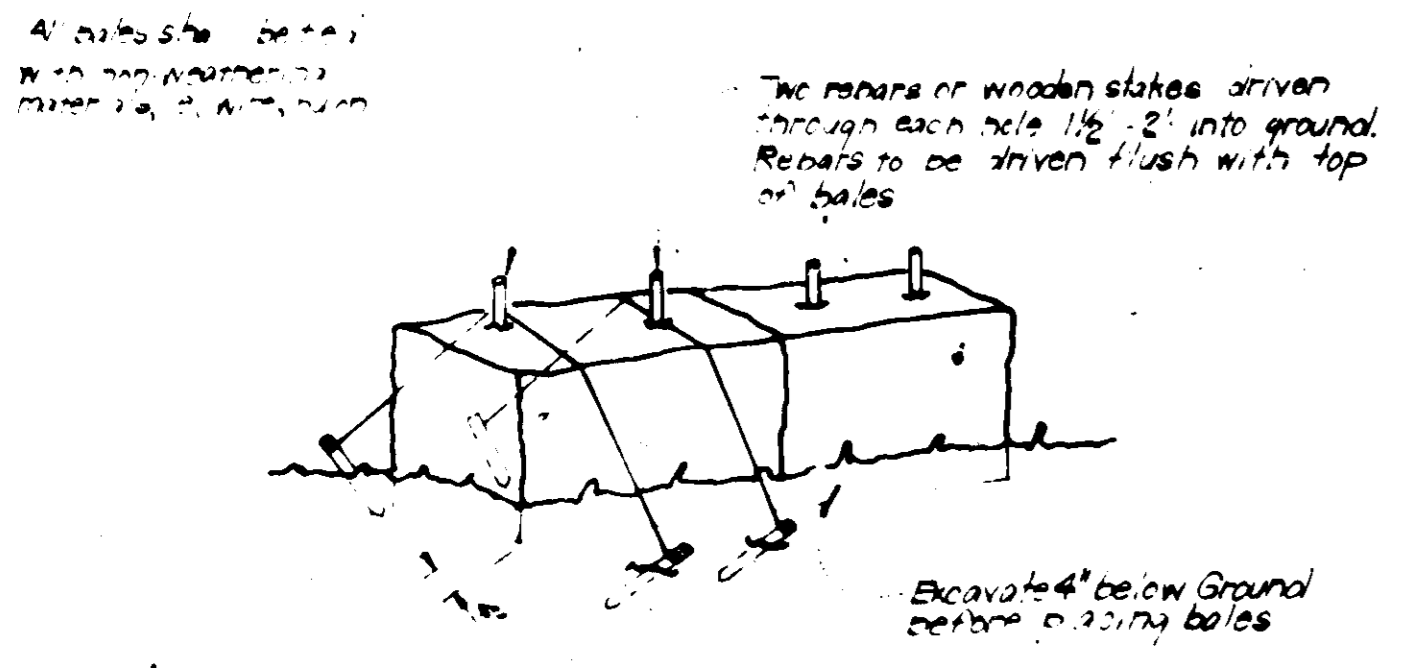
DESIGNED	TON WAGNER Land Development Consultant 416 EAST JEFFERSON ROAD • ELKTON, MD. 21821 Telephone (301) 891-0176	SCALE	1" = 20'
DRAWN		DATE	11-29-82
CHECKED		TITLE	
DATE			
SITE DEVELOPMENT PLAN LOTS 29, 46 AND 55-60 BRAMPTON HILLS SECTION 1 AREA 1 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: GRAYSON HOMES INC. 6318 JOHN J. YORK ROAD SALT SPRING, MD. 21202		SDP-83-49	



GENERAL NOTES

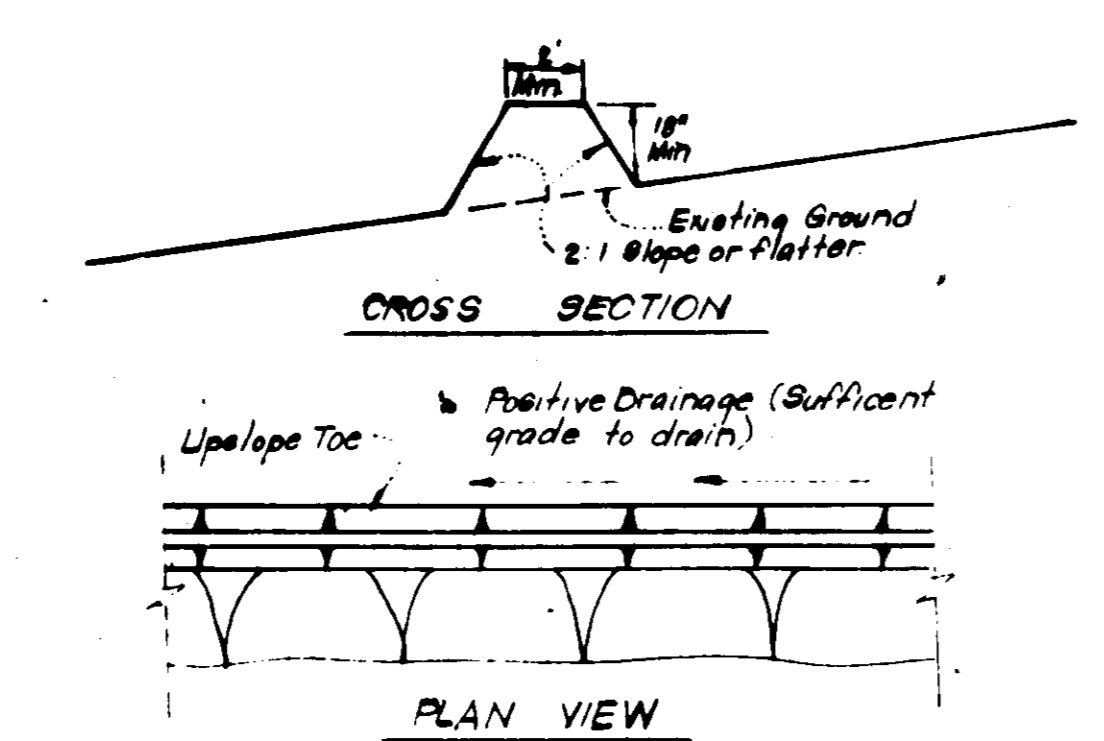
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 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:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq ft. Mixture 40% Kentucky Blue, 20% creeping Fescue, 20% Kentucky 31 and 20% annual rye.
 - 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 30 lbs/1000 sq ft.
 - Mulch - Weed free grain straw applied at a rate of 700 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, chemical binder, etc.
 - 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 clean out of Sediment Traps and dikes, and proper establishment of all sod and vegetation to live 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 developers 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 Shown" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- Total Amount of Straw Bales or Silt Fence shown = LF
- SITE ANALYSIS:

A Total Area	7254	Acres
B Area to be Graded	0.902	Acres
C Area to be Paved	0.305	Acres
D Area to be Seeded	3313	Acres
E Area undisturbed	2.116	Acres
- 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.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.

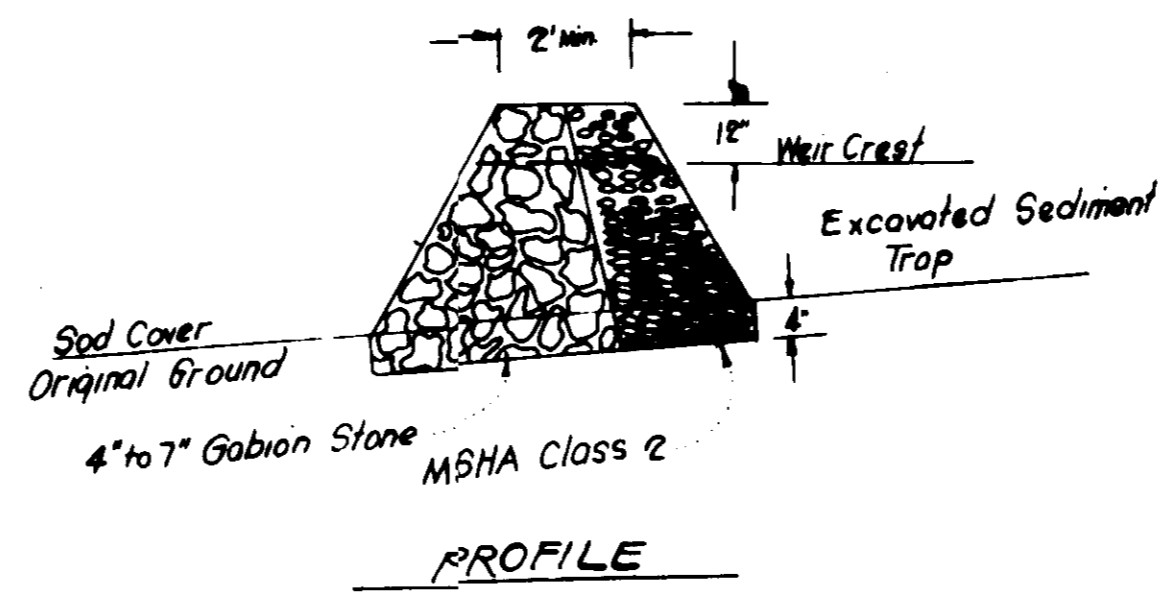


TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
Scale

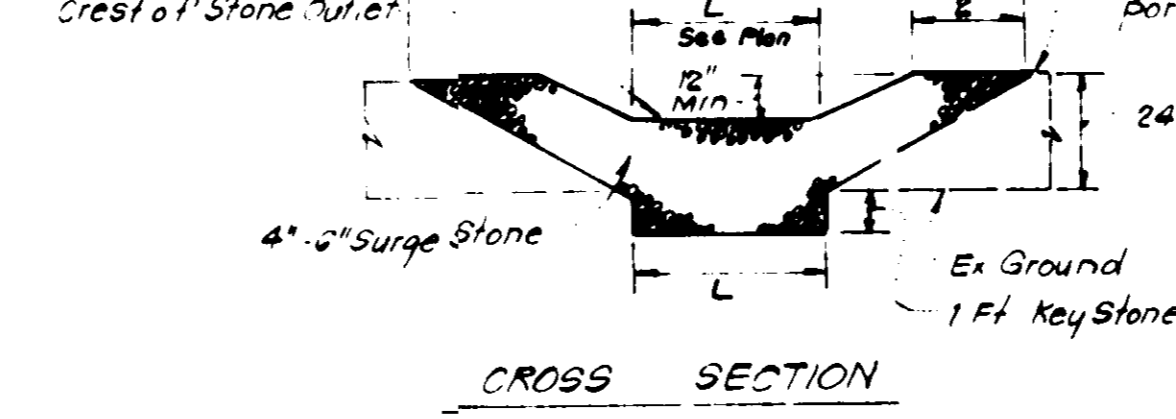
Notes:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pipe 4 per bale and wire onlayon as shown above.



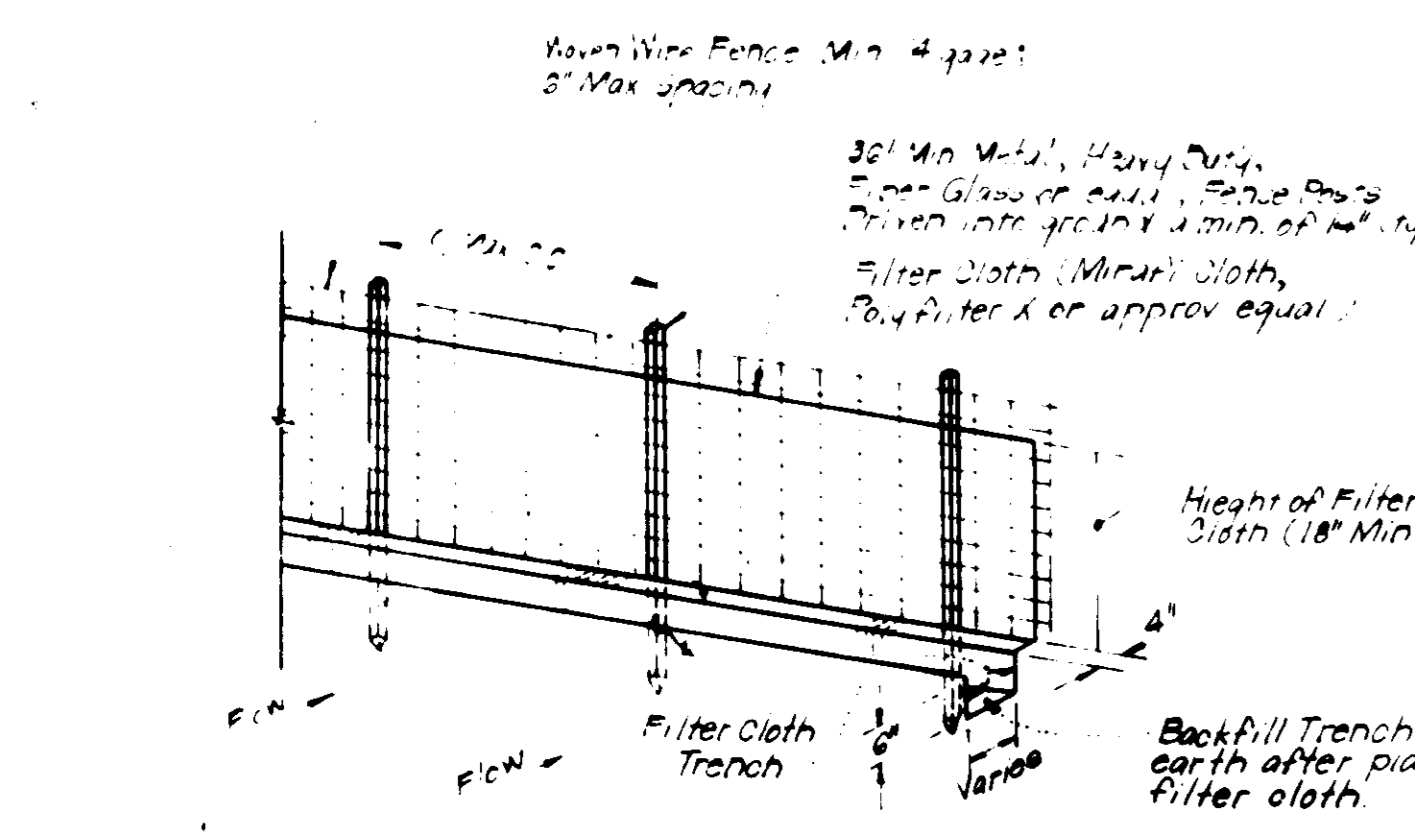
TYPICAL PERIMETER DIKE DETAIL (P.D.)
No Scale



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

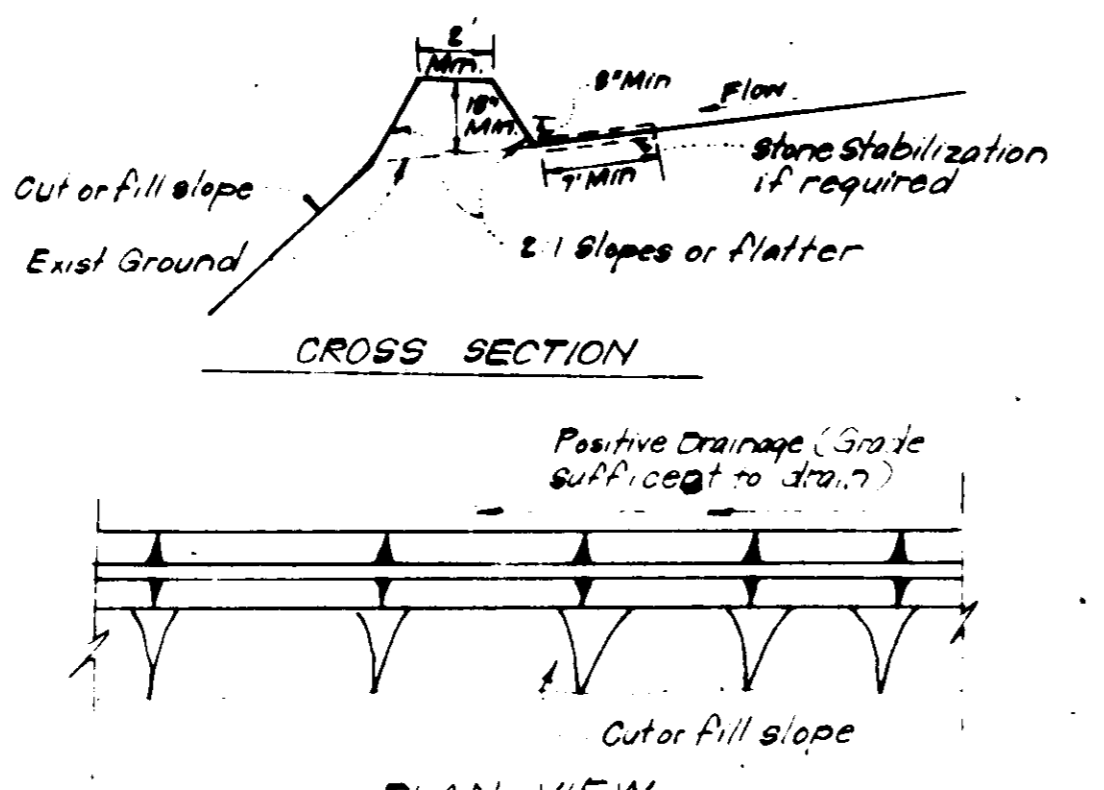


TYPICAL DIVERSION DIKE DETAIL (D.D.)
No Scale

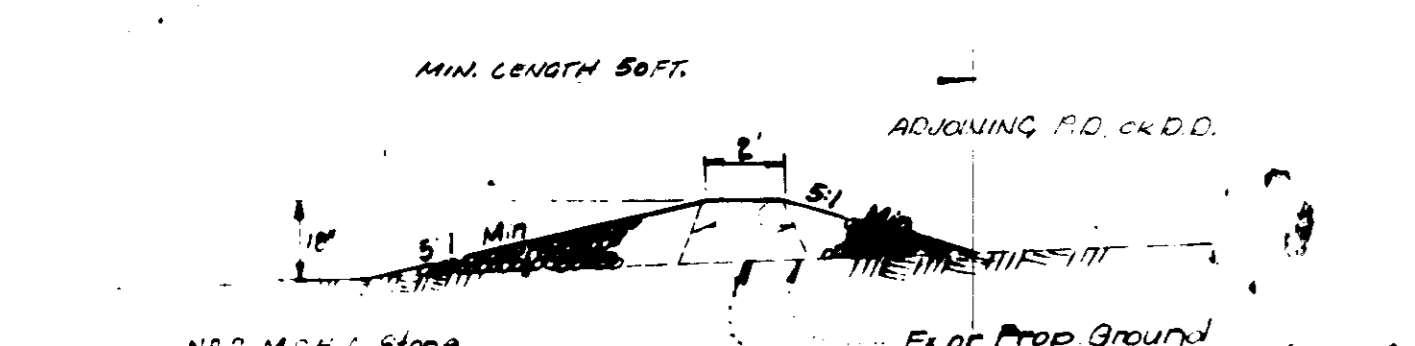


TYPICAL SILT FENCE DETAIL (S.F.)
No Scale

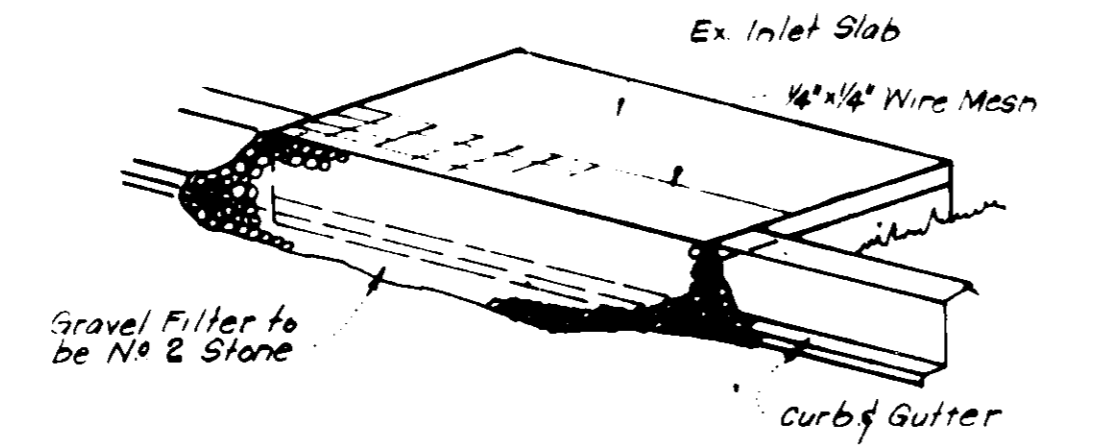
Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24 inches.



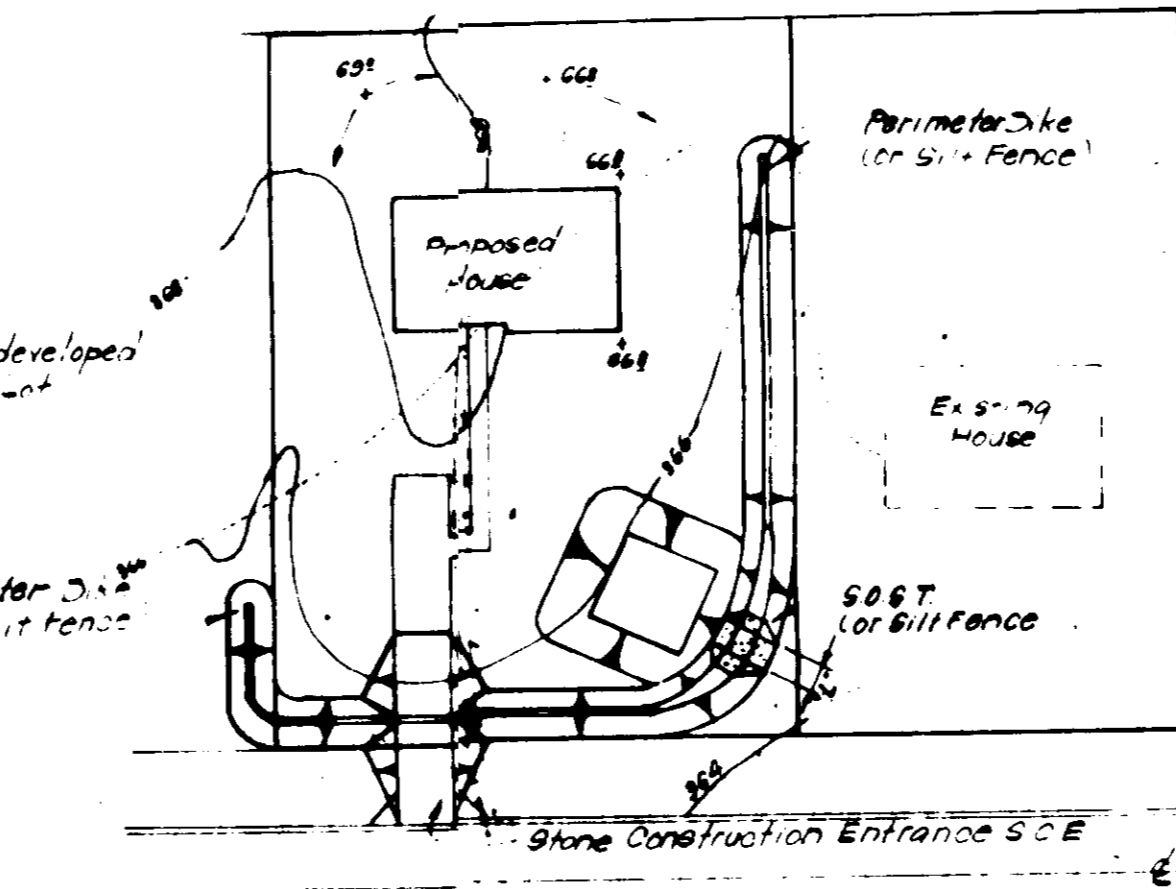
STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale



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

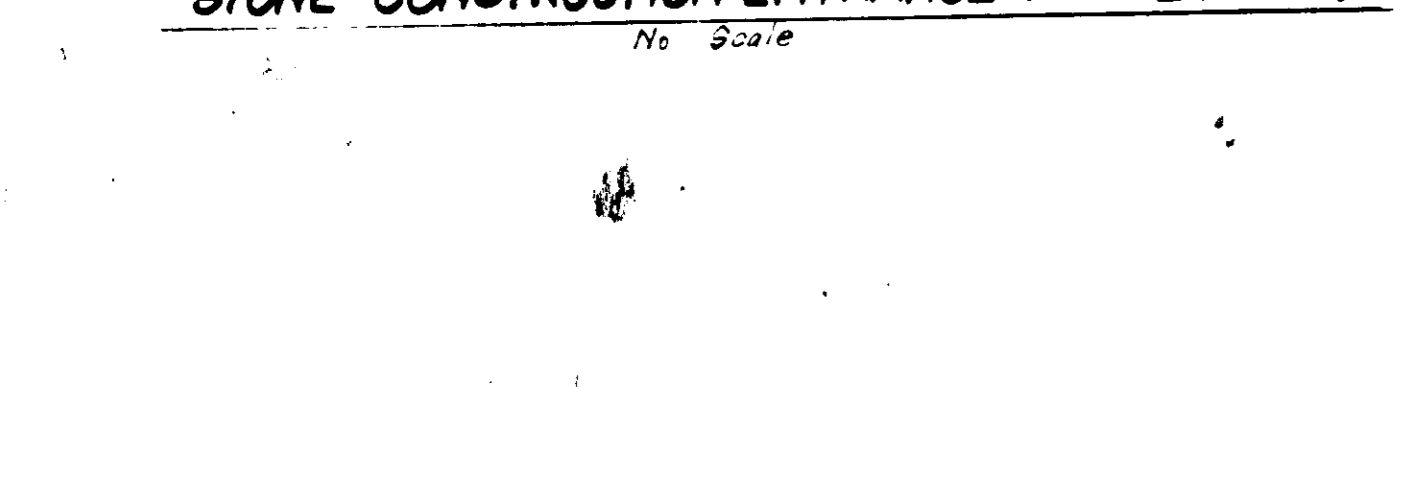


ISOMETRIC VIEW



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale

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



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

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 Approved: *[Signature]* DATE: 12/29/82
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 Approved: *[Signature]* DATE: 12-29-82
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 Approved: *[Signature]* DATE: 12-29-82
 CHIEF BUREAU OF ENGINEERING

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements
 Approved: *[Signature]* DATE: 12/16/82
 U.S. Soil Conservation Service

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

DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Approved: *[Signature]* DATE: 12/10/82

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.

Approved: *[Signature]* DATE: 12/10/82

TON WAGNER Land Development Consultant 416 E. JOPPA ROAD TOWSON, MD. 21284		SCALE AS SHOWN DRAWING 3 of 3 JOB NO. FILE NO.
DESIGNED DRAWN CHECKED DATE	SEDIMENT & EROSION CONTROL PLAN LOT 20-26 & 27-30 "REVISION TO S.D.P." BRAMPTON HILLS SECTION 1 AREA 1 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: GRESHAM HOMES, INC. 6318 JOHN J. WOODS RD. BELTMDRE, MD. 21207	DATE OCT. 1982