

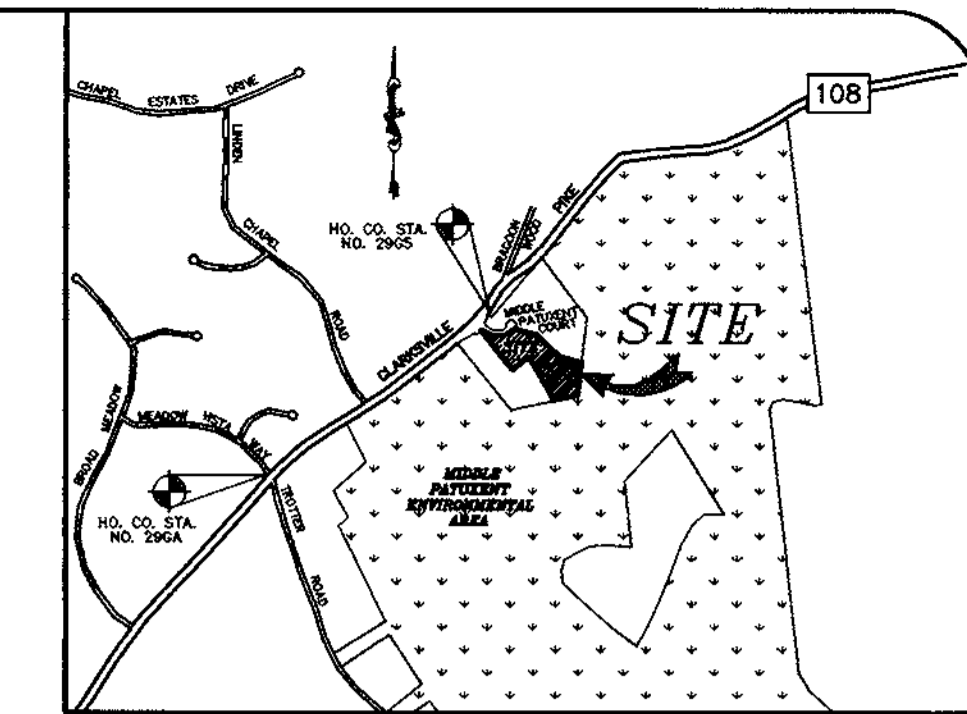
BRYCE OVERLOOK COURT IS A PRIVATE ROAD, WHICH WILL BE PRIVATELY MAINTAINED BY THE HOMEOWNERS. REFUSE COLLECTION, SNOW REMOVAL, MAIL DELIVERY, AND ALL COUNTY MAINTENANCE ARE PROVIDED ONLY UP TO THE JUNCTION OF MIDDLE PATUXENT COURT WITH BRYCE OVERLOOK COURT, AND NOT ONTO THE PRIVATE ROAD.

SHEET INDEX

1	SITE DEVELOPMENT PLAN
2	SITE DEVELOPMENT PLAN
3	SEDIMENT CONTROL NOTES & DETAILS
4	HOUSE MODELS & GENERIC BOXES

LINE TABLE

LINE	BEARING	DISTANCE
L3	S 01°58'02" W	12.77
L4	S 01°58'02" W	10.40
L5	S 01°58'02" W	8.24
L6	S 01°58'02" W	6.28
L8	S 34°55'06" E	14.54
L9	S 34°55'06" E	16.00
L10	S 34°55'06" E	17.45
L11	S 34°55'06" E	18.90
L12	S 34°55'06" E	20.36
L13	S 34°55'06" E	21.81
L14	S 34°55'06" E	23.26



NOTE: DURING CONSTRUCTION, ACCESS TO LOT 7 OF THE VETICK PROPERTY IS TO BE MAINTAINED AT ALL TIMES.

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, AND MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION AT (410)-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:
 - MISS UTILITY: 1-800-257-7777
 - BELL ATLANTIC TELEPHONE COMPANY: 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES: 313-4800
 - AT&T CABLE LOCATION DIVISION: 393-3533
 - BALTIMORE GAS & ELECTRIC: 685-0123
 - STATE HIGHWAY ADMINISTRATION: 531-5533
 - HOWARD COUNTY DEPT. OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION: 313-1880
- PROJECT BACKGROUND:
 - LOCATION: TAX MAP 29, 5TH ELECTION DISTRICT.
 - ZONING: R-20
 - TOTAL PROJECT AREA: 6.32 AC. (275,395 SQ. FT.)
 - AREA OF SUBMISSION: 4.50 AC. (196,020 SQ. FT.)
 - LIMIT OF DISTURBANCE AREA: 4.50 AC.
 - REFER TO: F-78-28, F-80-51, SP-96-13 (DENIED), BA-381-D, SP-97-01, F-97-114
 - PROPOSED USE: SINGLE FAMILY DETACHED
 - TOTAL NUMBER OF UNITS ALLOWED: 12
 - TOTAL NUMBER OF UNITS THIS SUBMISSION: 12
 - AREA OF OPEN SPACE: 1.95 AC. (85,041 SQ. FT.) = 31% OF GROSS AREA
- COORDINATES BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NOS. 296A 7 2865.
- TOPOGRAPHY SHOWN HEREON BASED ON SURVEY PERFORMED BY JOHN C. MELEMA, INC. ON OR ABOUT OCTOBER 1996.
- WATER AND SEWER TO BE PUBLIC. SEE WATER AND SEWER PLAN.
- STORMWATER MANAGEMENT PROVIDED UNDER F-97-114.
- NO BURIAL OR CEMETERY SITES EXIST ON THE SITE.
- FOR DRIVEWAY ENTRANCE DETAILS, REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV DETAILS R.6.03 AND R.6.05 (PRIVATE DRIVEWAY TO BE 20' WIDE).
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS, AND STREAM BUFFERS OR FOREST CONSERVATION AREAS, EXCEPT AS SHOWN ON APPROVED PLANS.
- EXISTING EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE UTILIZED. GRADING MAY NOT BEGUN UNTIL SEDIMENT CONTROL UNDER THE ROAD PLANS (F-97-114) ARE IN PLACE AND FUNCTIONING, AND PERMISSION IS RECEIVED FROM THE SEDIMENT CONTROL INSPECTOR TO BEGIN THE CONSTRUCTION SHOWN ON THIS PLAN.

ADDRESS CHART

LOT #	ADDRESS
10	11733 MIDDLE PATUXENT COURT
11	11708 BRYCE OVERLOOK COURT
12	11716 BRYCE OVERLOOK COURT
13	11724 BRYCE OVERLOOK COURT
14	11709 BRYCE OVERLOOK COURT
15	11731 MIDDLE PATUXENT COURT
16	11732 BRYCE OVERLOOK COURT
17	11740 BRYCE OVERLOOK COURT
18	11748 BRYCE OVERLOOK COURT
19	11747 BRYCE OVERLOOK COURT
20	11739 BRYCE OVERLOOK COURT
21	11731 BRYCE OVERLOOK COURT

MD. RTE. 108
N 43°54' E - 15.01'

NOTE: SEE SHEET 2 OF 4 FOR MEDIAN ISLAND DETAIL.

LEGEND

- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- DRAINAGE DIRECTION
- W/O WALKOUT BASEMENT
- EXISTING TREE LINE
- 8" S EXISTING SEWER MAIN
- 6" W EXISTING WATER MAIN
- PROPOSED TREE LINE
- 15" RCP EXISTING STORM DRAIN LINE
- SP-SF SILT FENCE
- LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Brian D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN, INCLUDING EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND REASONABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

John M. Mink 5/7/98
SIGNATURE OF ENGINEER DATE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

John Mink 5/18/98
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chris Hamilton 5/19/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Chris Hamilton 5/20/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

John Mink 5/28/98
DIRECTOR DATE

LOT 2 VETICK PROPERTY PLAT 3835 ZONED R-20

LOT 3 VETICK PROPERTY PLAT 3835 ZONED R-20

OWNERS
GUDELSKY HOLDINGS, INC.
SAMUEL W. McCULLOUGH
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
7405 BUCKS HAVEN LANE
HIGHLAND, MARYLAND 20777
410-792-2565

MATCH LINE SHEET 2 OF 4

NOTE: EXISTING DRIVEWAY SERVING EXISTING HOUSE ON LOT 20 IS TO BE REMOVED FROM THE INTERSECTION WITH LOT 7'S DRIVEWAY ON LOT 13, UP TO LOT 20.

PERMIT INFORMATION BLOCK

SUBDIVISION NAME BRYCE OVERLOOK		SECTION/AREA N/A	PARCEL/LOT LOTS 10 THRU 23		
PLAT # or L/F 13026-13029	BLOCK # 14 & 20	ZONING R-20	TAX MAP NO. 29	ELECTION DISTRICT 5TH	CENSUS TRACT 6055
WATER CODE 103			SEWER CODE 6740000		

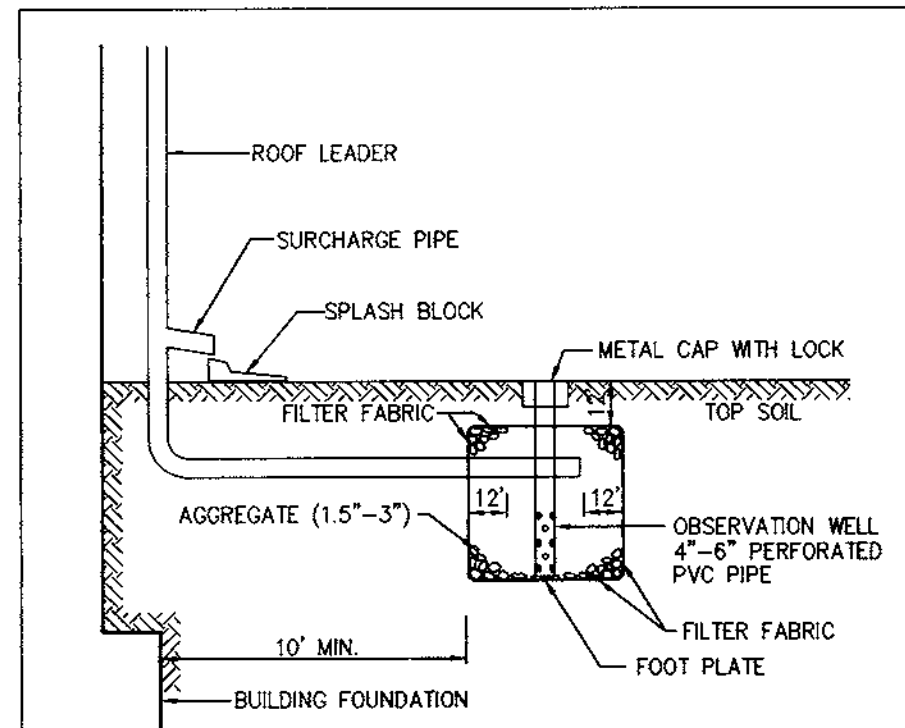
project	97094	date	MAY 1998
illustration	RLM/MP	approval	JBM
scale	1" = 30'	revision	JBM

1	HSE SITING, LOT 12 (BENCHMARK ENG., INC.)	6-14-98
2	HSE SITING, LOT 12 (BENCHMARK ENG., INC.)	6-8-98
3	HSE SITING, LOT 12 (BENCHMARK ENG., INC.)	6-8-98

LOTS 10 THRU 23
BRYCE OVERLOOK
FIFTH ELECTION DISTRICT
HOWARD COUNTY
SITE DEVELOPMENT PLAN

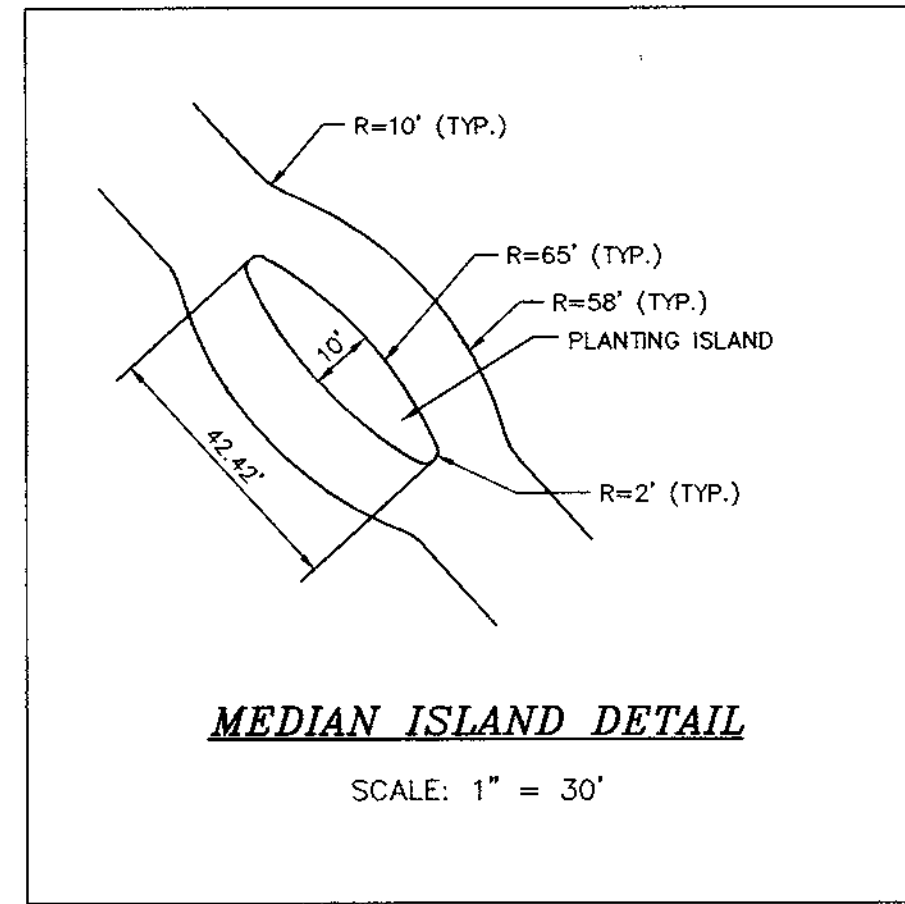
MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0236 Balt. (301) 621-5521 Wash. (410) 997-0238 Fax.

DRY WELL TABLE			
LOT NUMBER	SIZE (W x L x D)	VOLUME REQUIRED (CU. FT.)	VOLUME PROVIDED (CU. FT.)
18	5.1' x 6.5' x 5.0'	151.00	165.75
19	4.5' x 5.0' x 4.0'	87.50	90.00

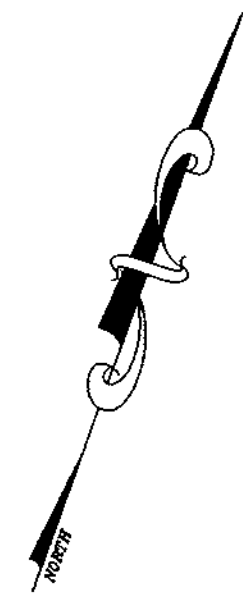
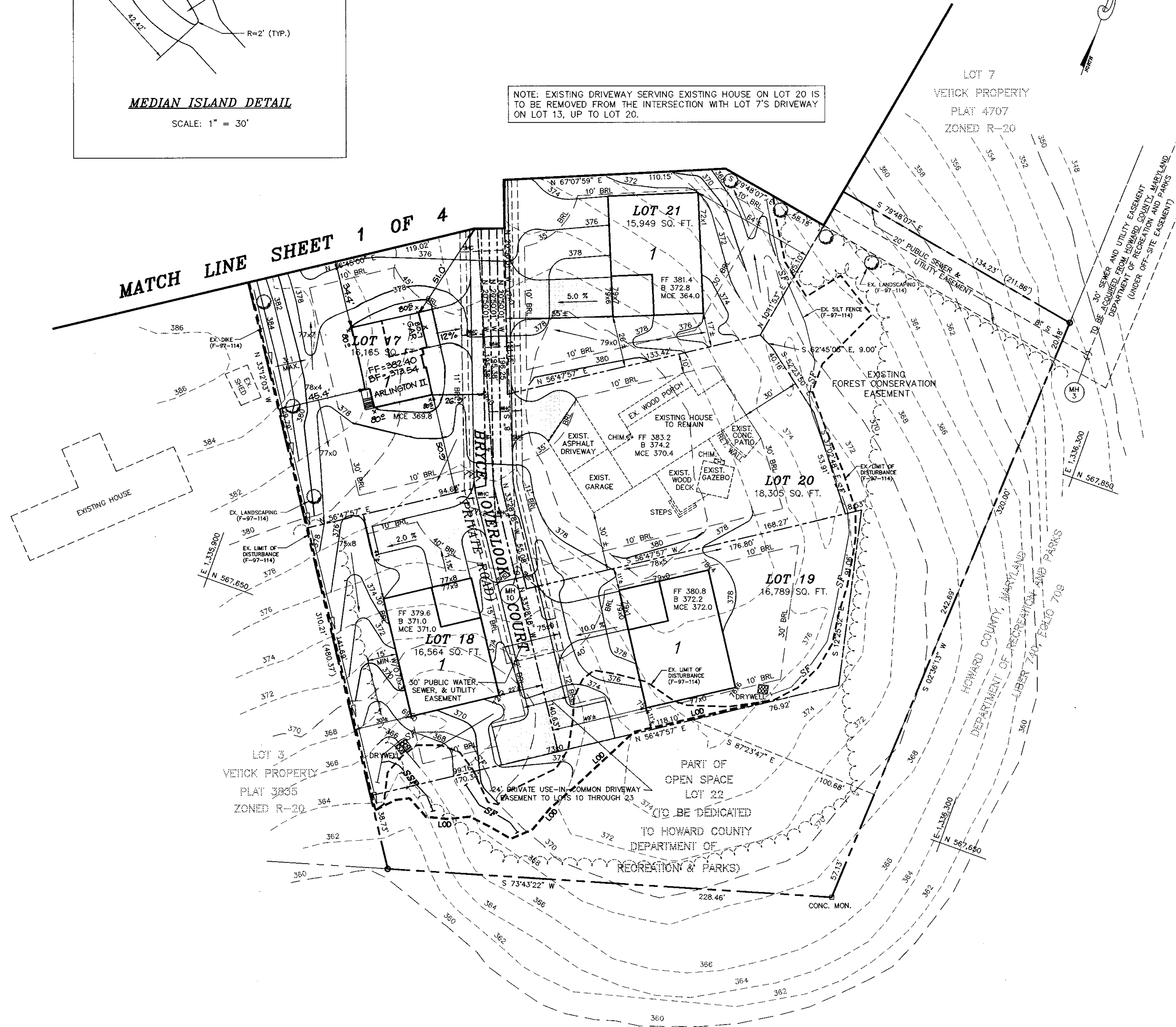


DRY WELL DETAIL (TYPICAL)
LOTS: 18 & 19
(NO SCALE)

- NOTES:
1. ALL ROOF GUTTERS SHOULD BE CONNECTED TO THE DRYWELL.
 2. DRYWELLS SHALL BE LOCATED AT LEAST 10' FROM THE DWELLING.
 3. DRYWELLS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.



MEDIAN ISLAND DETAIL
SCALE: 1" = 30'



DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Brian D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE
BRIAN D. BOY
PRINTED NAME OF DEVELOPER

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 SOIL CONSERVATION SERVICE.

[Signature] 5/9/98
SIGNATURE OF ENGINEER DATE
[Signature]
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

John K. Hamilton 5/18/98
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 5/19/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[Signature] 5/26/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[Signature] 5/28/98
DIRECTOR DATE

OWNERS
GUDELSKY HOLDINGS, INC.
SAMUEL W. McCULLOUGH
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
7405 BUCKS HAVEN LANE
HIGHLAND, MARYLAND 20777
410-792-2565

project	97094	date	MAY 1998
illustration	RLM/MP	engineering	JBM
scale	1" = 30'	approval	JBM

description	REVISION 1, LOT 17 (BENCHMARK ENG., INC.)	date	6-8-99
revision		revision	

LOTS 10 THRU 23
BRYCE OVERLOOK
FIFTH ELECTION DISTRICT
SITE DEVELOPMENT PLAN
HOWARD COUNTY

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Drossy Hill Drive, Suite 202, Ellicott City, Maryland, 21042
(410) 987-0286 Fax (301) 621-5521 Wash. (410) 987-0288 Fax

HOWARD SOIL CONSERVATION DISTRICT

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE 1.4 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. PER ACRE 1.4 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS./1000 SQ.FT.) OF WEEPING LOVEGRASS DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28. PROTECT SITE BY OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) - USE SOD. OPTION (3) - SEED WITH 60 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.)

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU NOVEMBER 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOD.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED WEED FREE SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES 8 FEET OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

STANDARD SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (313-1855).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, 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 AS TO 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 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.51), SOD (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.

7) SITE ANALYSIS:

TOTAL AREA OF SITE:	6.32 ACRES
AREA DISTURBED:	4.50 ACRES
AREA TO BE ROOFED OR PAVED:	1.30 ACRES
AREA TO BE VEGETATIVELY STABILIZED:	1.52 ACRES
TOTAL CUT:	6,200 CU. YDS.
TOTAL FILL:	6,200 CU. YDS.
TOTAL WASTE/BORROW AREA LOCATION:	

THESE QUANTITIES ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR IS REQUIRED TO PROVIDE HIS OWN QUANTITIES MEASUREMENTS.

- 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 CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY 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.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH CAN BE BACK FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION

PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE

TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

- THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
 - THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
 - THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
 - THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
 - THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

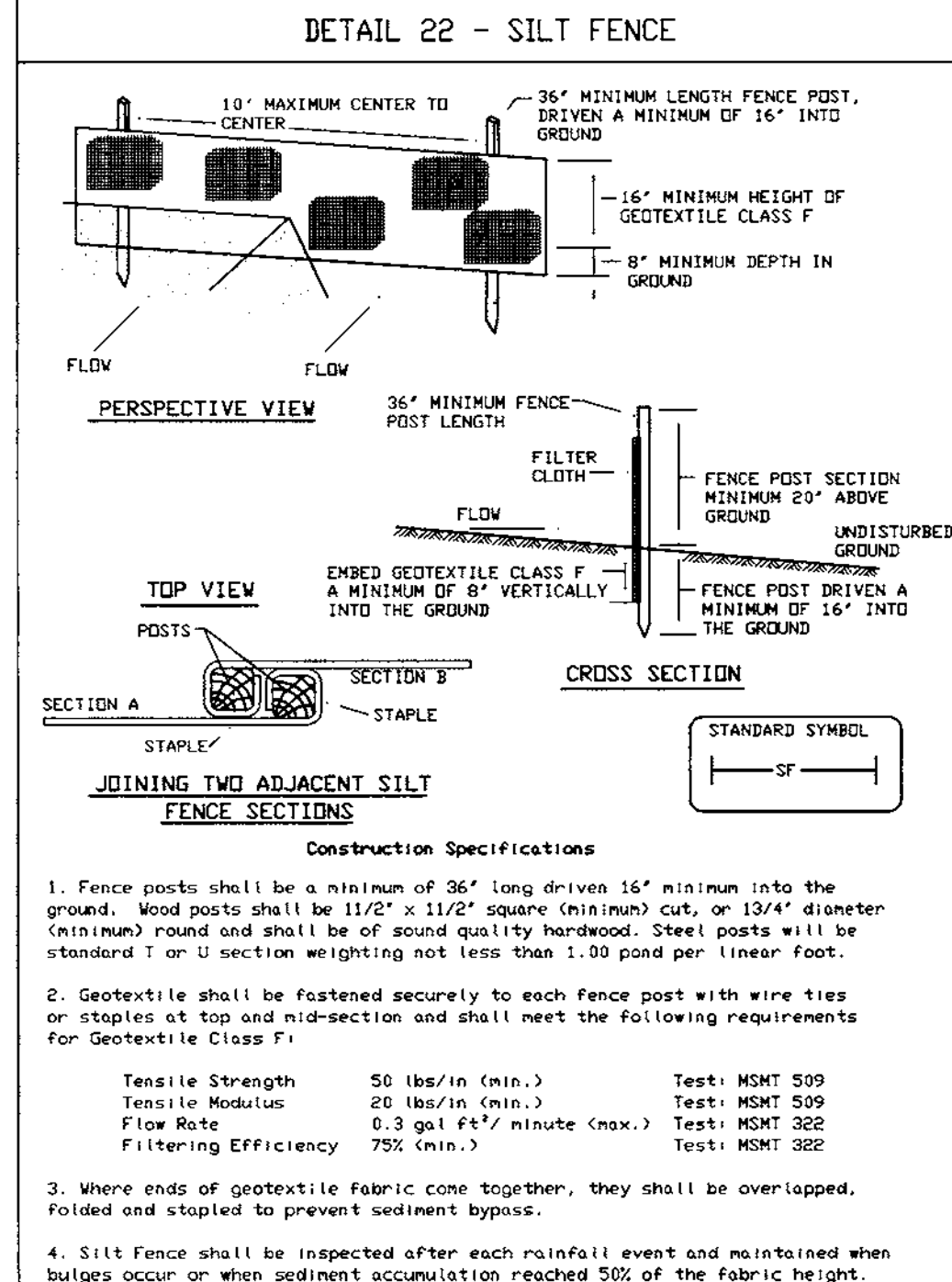
- TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS. TYPICALLY, THE DEPTH OF TOPSOIL TO BE SALVAGED FOR A GIVEN SOIL TYPE CAN BE FOUND IN THE REPRESENTATIVE SOIL PROFILE SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.
- TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
 - TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND, OR OTHER SOILS AS RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.
 - TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSONSON GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.
 - WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.
- FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.
- FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
 - ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
 - pH FOR TOPSOILS SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A pH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PERSCRIBED TO RAISE THE pH TO 6.5 OR HIGHER.
 - ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
 - TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
 - NO SOD OR SEED SHALL BE PLACED ON SOIL WHICH HAS BEEN TREATED WITH SOIL STERILANTS OR CHEMICALS USED FOR WEED CONTROL UNTIL SUFFICIENT TIME HAS ELAPSED (14 DAYS MIN.) TO PERMIT DISSIPATION OF PHYTO-TOXIC MATERIALS.
 - NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

- WHEN ALL CONTRIBUTING AREAS TO SEDIMENT CONTROL DEVICES HAVE BEEN PERMANENTLY STABILIZED AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES, GRADE AREAS DISTURBED AND PROVIDE PERMANENT SEED AND MULCH.
 - PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

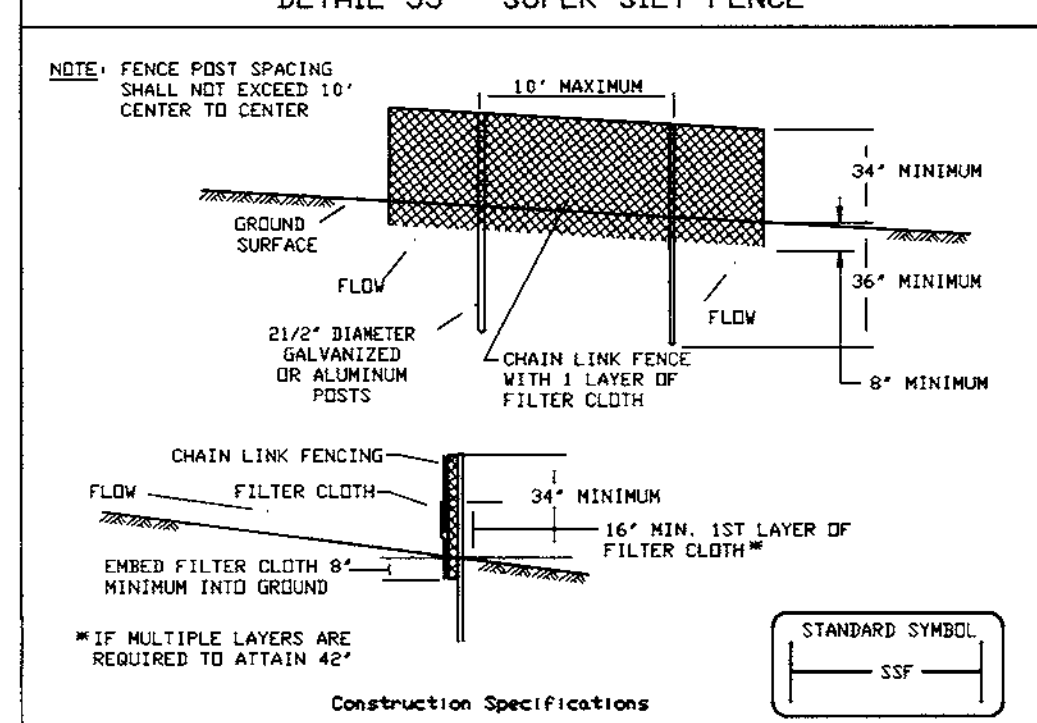
- TOPSOIL APPLICATION
 - WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
 - GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.
 - TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" TO 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
 - TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

- ALTERNATIVE FOR PERMANENT SEEDING - INSTEAD OF APPLYING THE FULL AMOUNTS OF LIME AND COMMERCIAL FERTILIZER, COMPOSTED SLUDGE AND AMENDMENTS MAY BE APPLIED AS SPECIFIED BELOW:
 - COMPOSTED SLUDGE MATERIAL FOR USE AS A SOIL CONDITIONER FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES SHALL BE TESTED TO PRESCRIBE AMENDMENTS AND FOR SITES HAVING AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS WHO ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.
 - COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHOROUS, AND 0.2 PERCENT POTASSIUM AND HAVE A Ph OF 7.0 TO 8.0. IF COMPOST DOES NOT MEET THESE REQUIREMENTS, THE APPROPRIATE CONSTITUENTS MUST BE ADDED TO MEET THE REQUIREMENTS PRIOR TO USE.
 - COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
 - COMPOSTED SLUDGE SHALL BE AMENDED WITH A POTASSIUM FERTILIZER APPLIED AT THE RATE OF 4 LB/1,000 SQUARE FEET, AND 1/3 THE NORMAL LIME APPLICATION RATE.

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING, MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES, REVISED 1973.



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 15 - 2	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 26 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
---	--------------------	---

DESIGN CRITERIA

Slope	Slope Steepness	Slope Length (Maximum)	Silt Fence Length (Maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 30%	5:1 - 3:1	100 feet	1,000 feet
30 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 26 - 3A	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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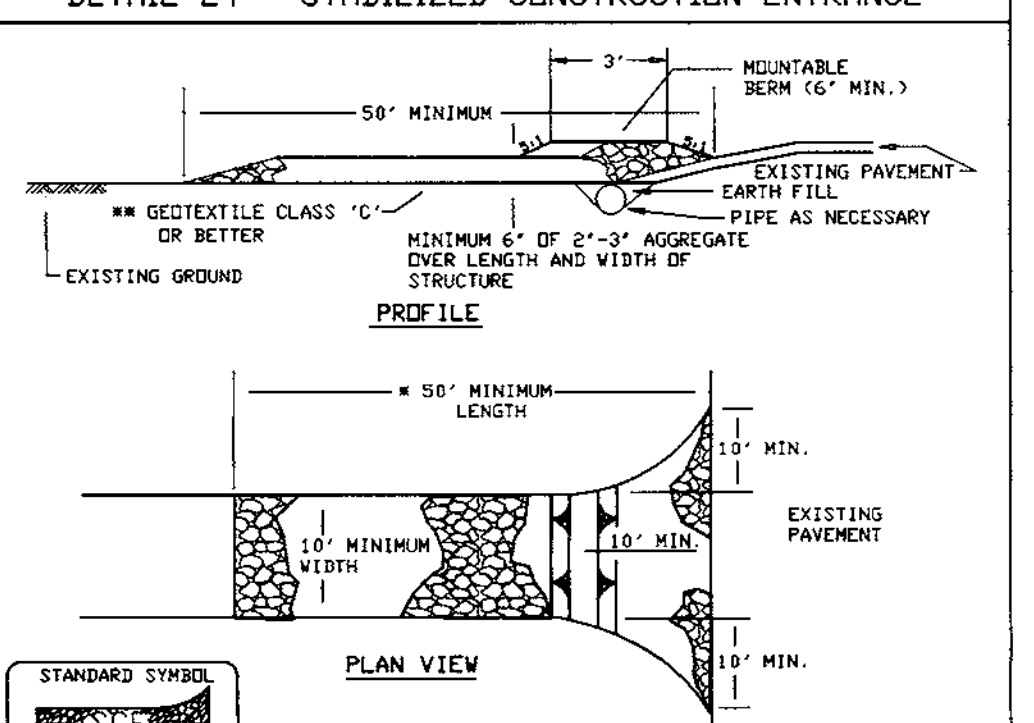
SILT FENCE

Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	Unlimited	Unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 15 - 2A	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
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U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 17 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
---	--------------------	---

- Length - minimum of 50' (#30' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm (6" min.).
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 17 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION
---	--------------------	---

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Brian D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE
Brian D. Boy
PRINTED NAME OF DEVELOPER

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 MARYLAND SOIL CONSERVATION SERVICE.

Cheryl Simmons 5/18/98
SIGNATURE OF ENGINEER DATE
Cheryl Simmons
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

Janet K. Lattin 5/18/98
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Cheryl Simmons 5/19/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

Cindy Hamilton 5/26/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Janet K. Lattin 5/28/98
DIRECTOR DATE

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT (1 day)
- INSPECT AND REPAIR EXISTING SEDIMENT CONTROL DEVICES PREVIOUSLY CONSTRUCTED UNDER F-97-114 (2 DAYS)
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS INDICATED. (2 DAYS)
- CONSTRUCT SILT FENCES AS SHOWN. (3 DAYS)
- CONSTRUCT SITE TO GRADES INDICATED ON PLAN. (5 DAYS)
- WHEN ALL CONTRIBUTING AREAS TO SEDIMENT CONTROL DEVICES HAVE BEEN PERMANENTLY STABILIZED AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES, GRADE AREAS DISTURBED AND PROVIDE PERMANENT SEED AND MULCH.

OWNERS
GUELSKY HOLDINGS, INC.
7405 BRICKS HAVEN LANE
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
HIGHLAND, MARYLAND 20777
410-792-2565

LOT 10 THRU 23
BRYCE OVERLOOK
SEDIMENT CONTROL NOTES AND DETAILS

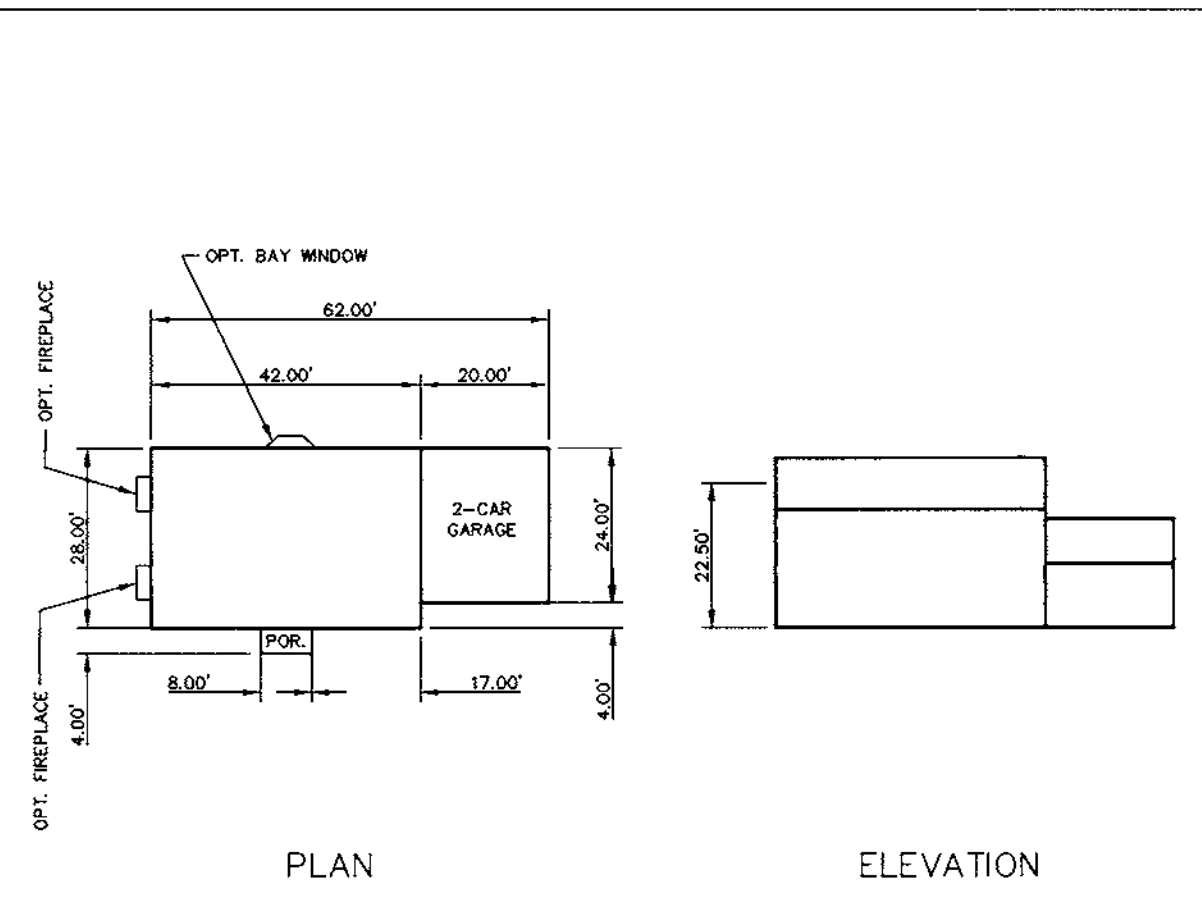
HOWARD COUNTY
FIFTH ELECTION DISTRICT

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Beltsville, Maryland, 21042
(410) 997-0296 Fax: (301) 621-5521 Wash. (410) 997-0298 Fax.

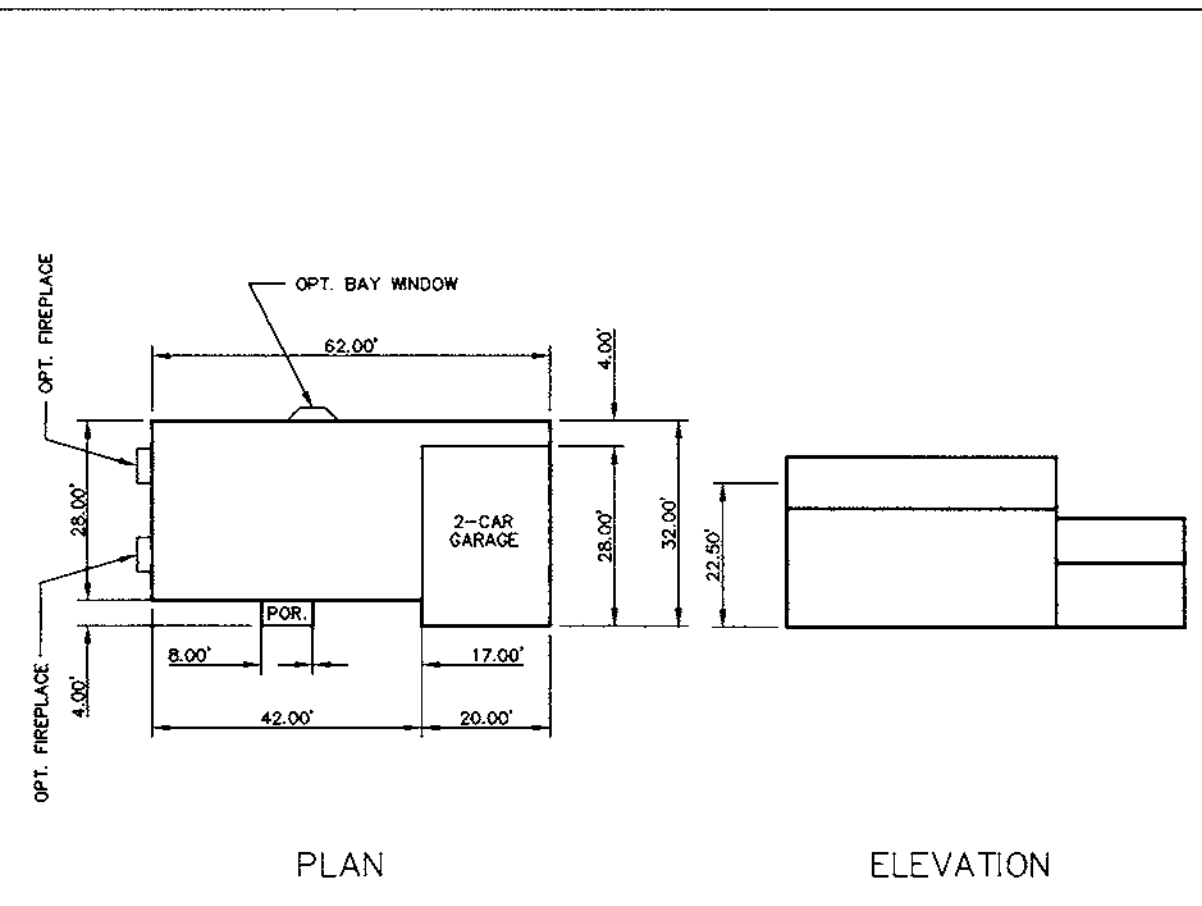
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Date: MAY 1998
Illustration: JBM
Approval: JBM
Scale: NTS
Revision: NTS

3 OF 4

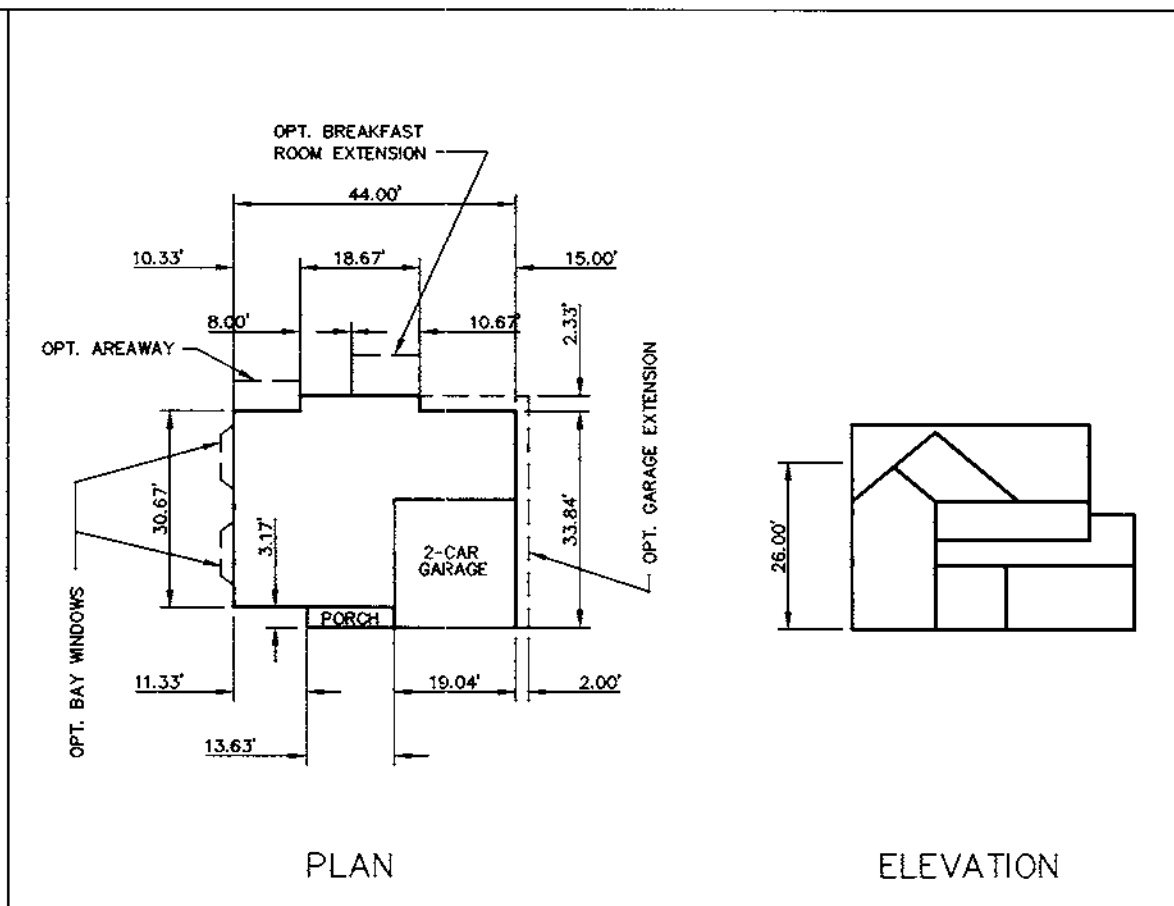
HOUSE MODELS



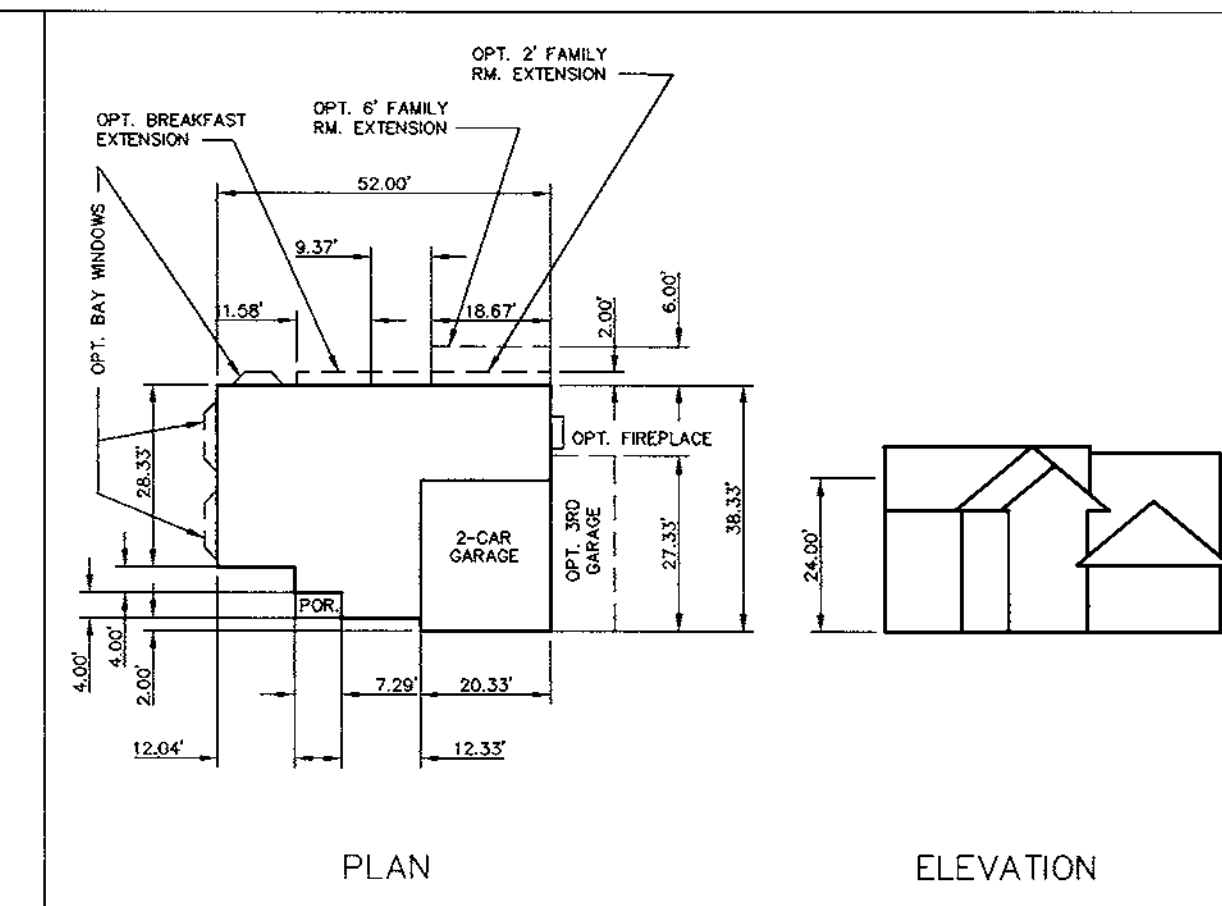
AMBERLY



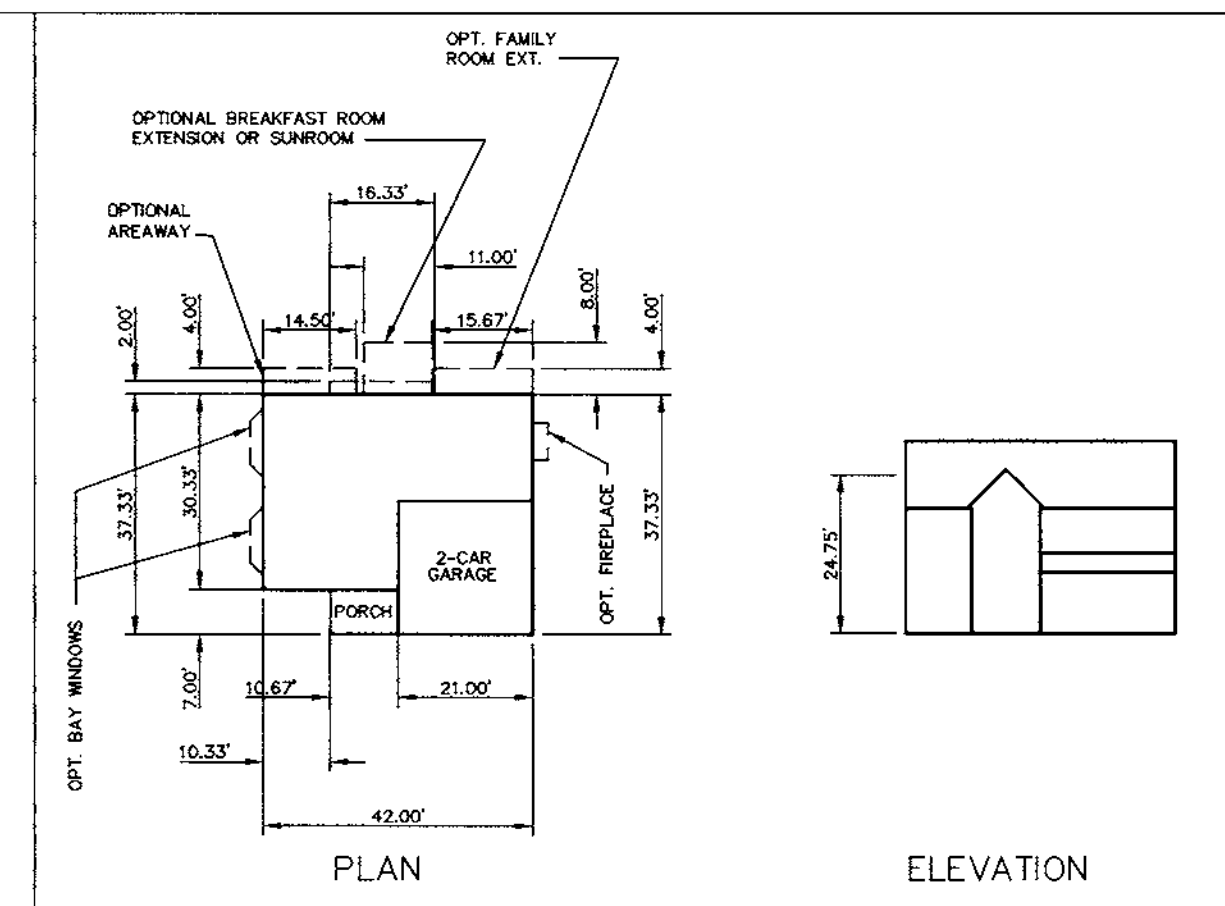
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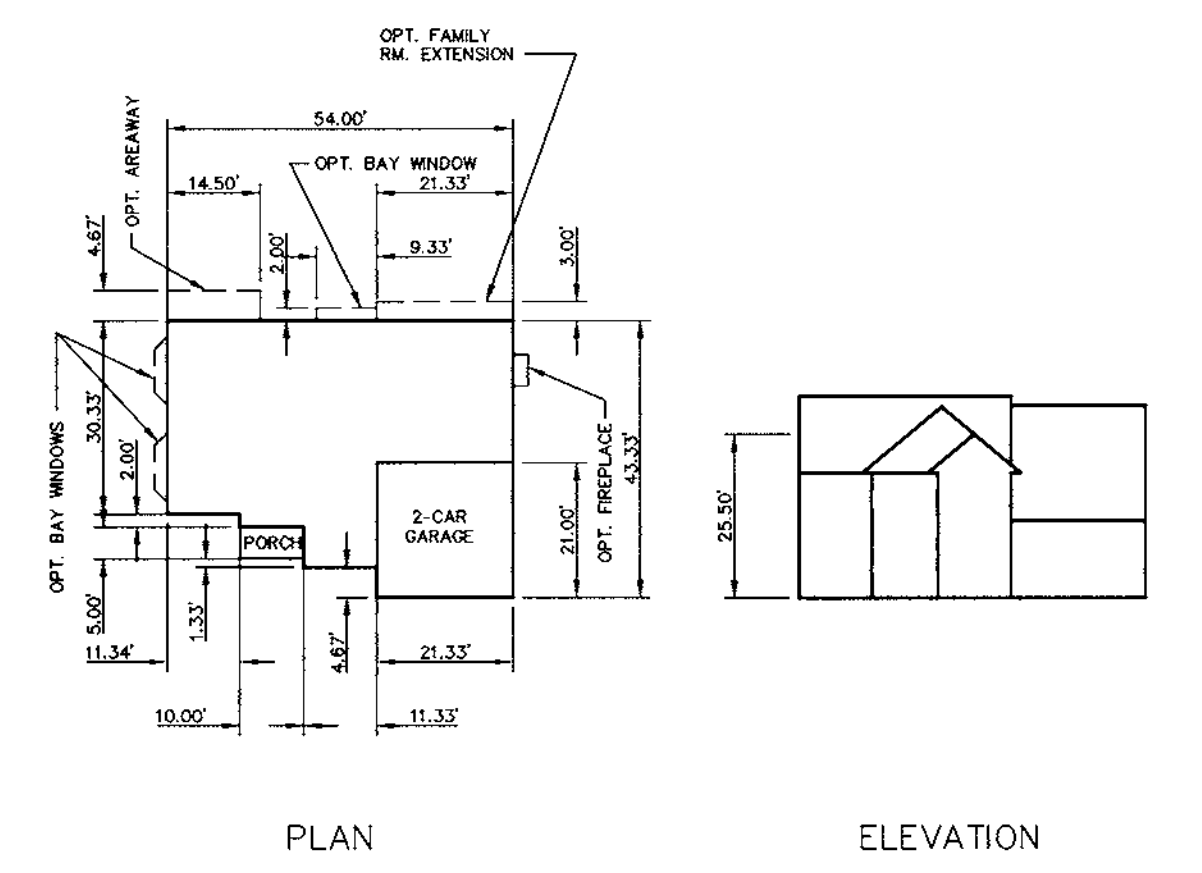
ARLINGTON II



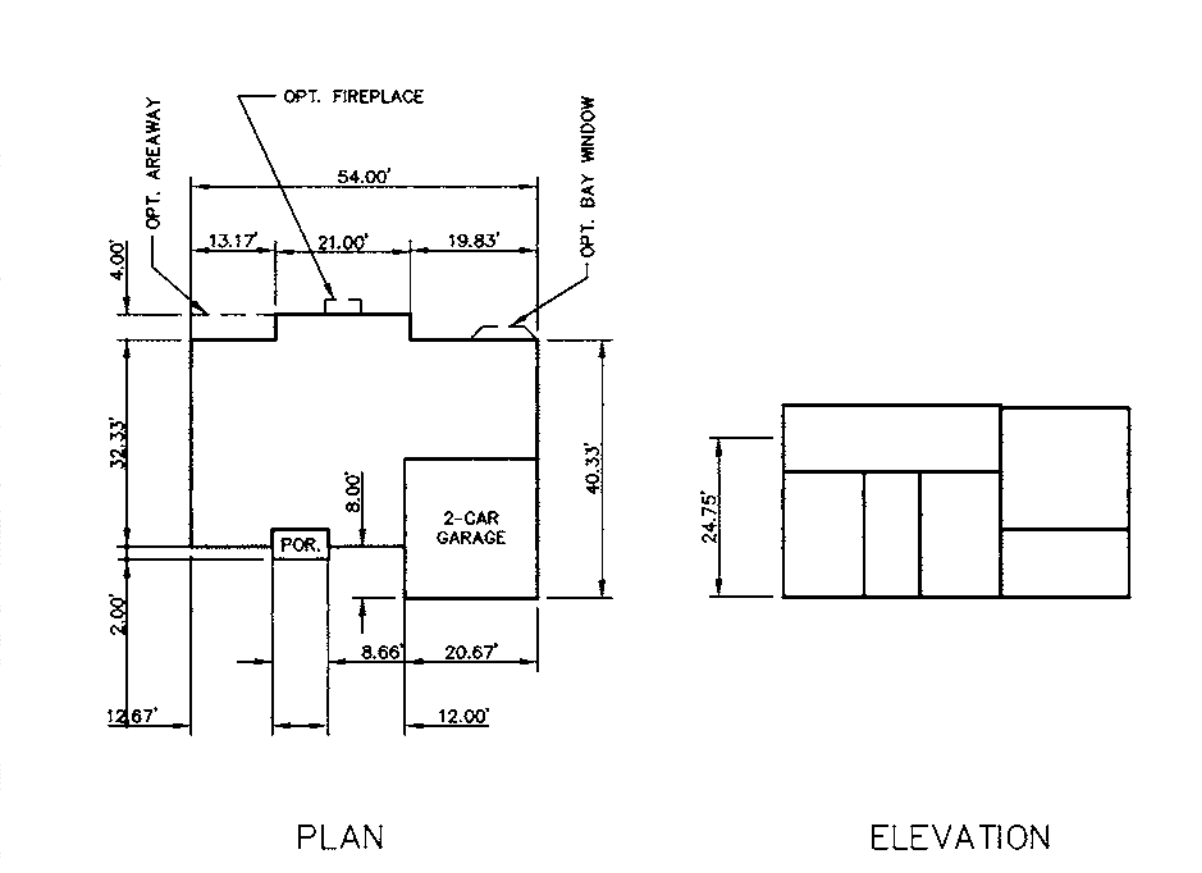
ASHTON



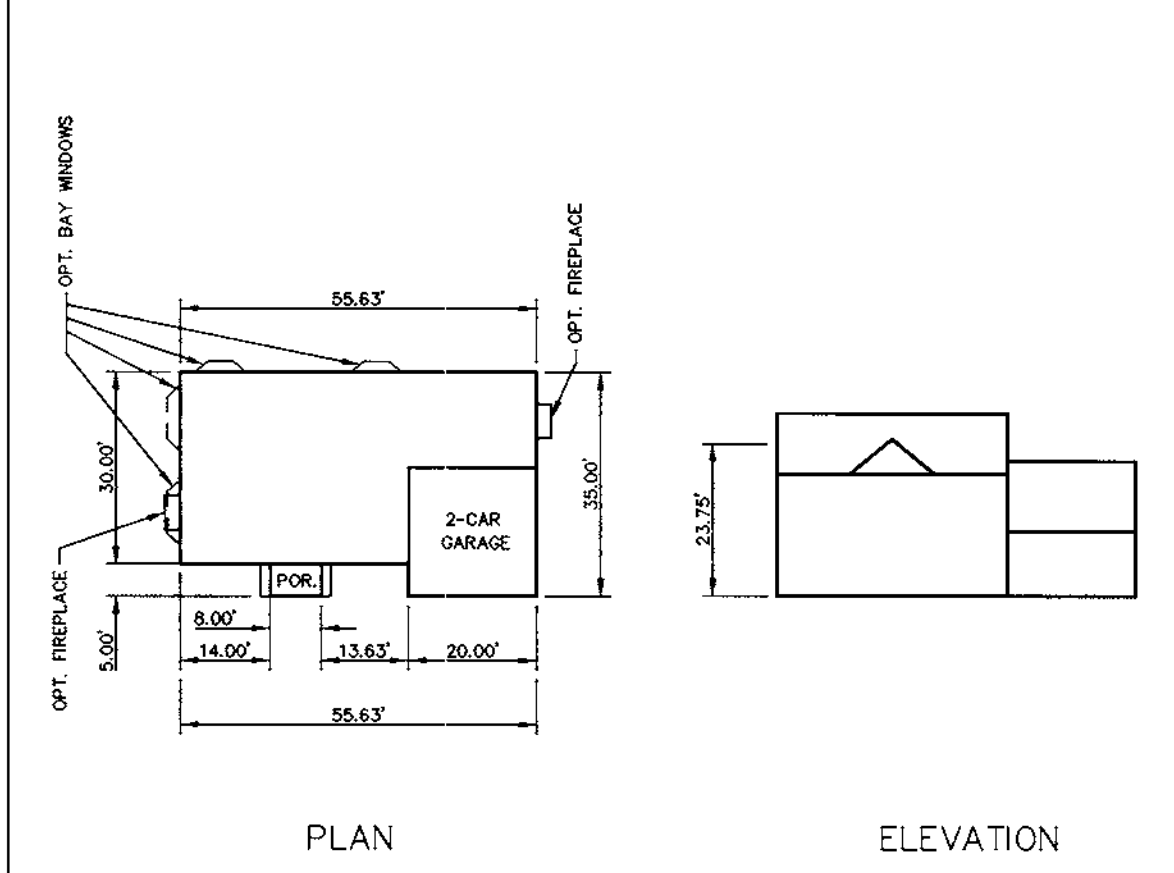
CHARTLEY II



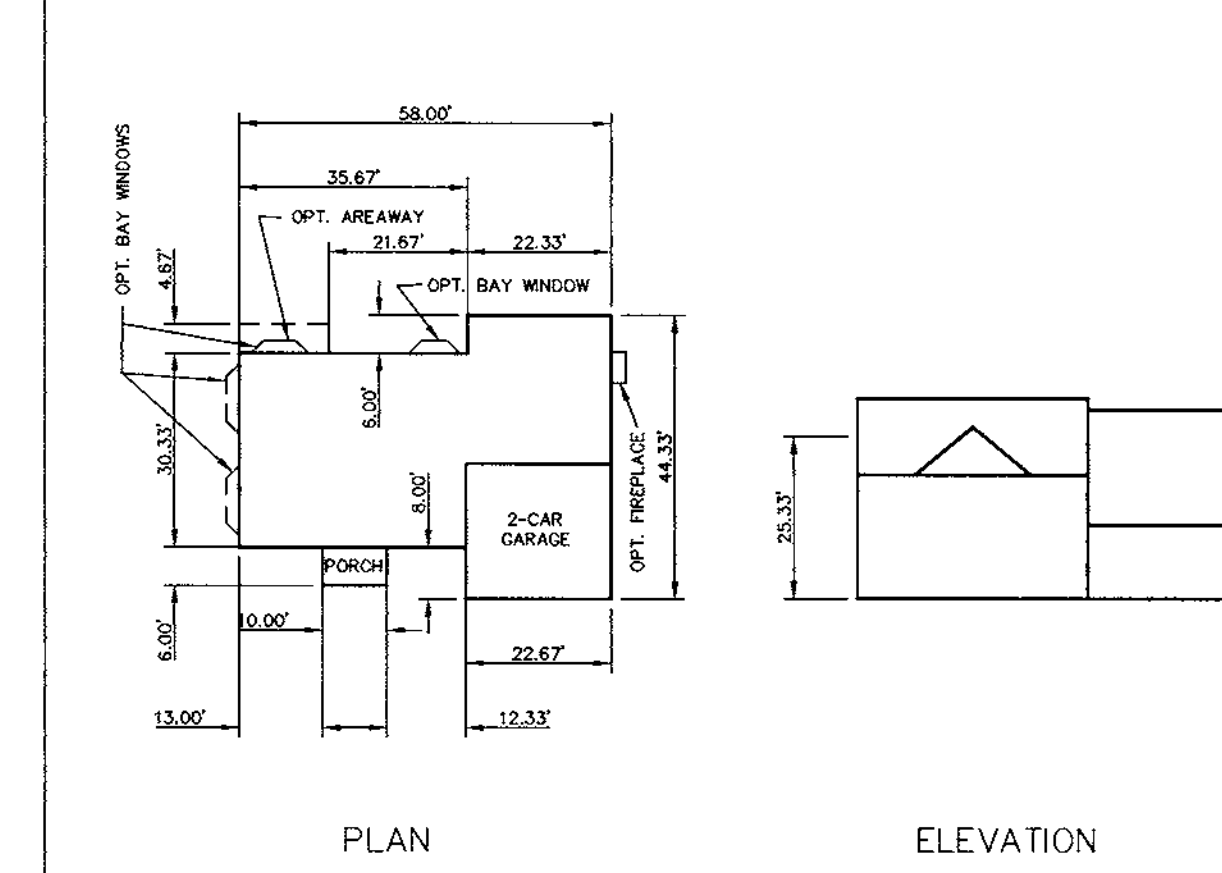
DARTMOUTH



DEVONSHIRE

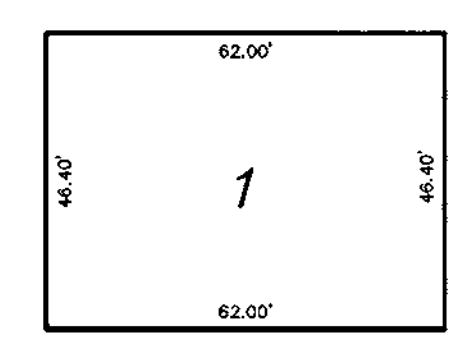


FILMORE



HAMPTON

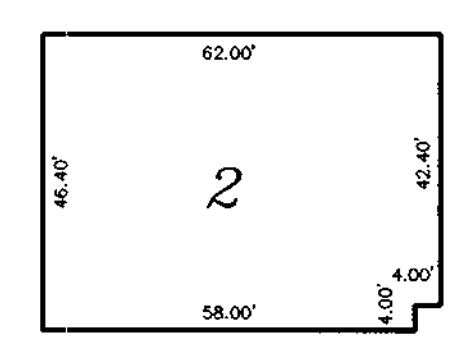
GENERIC BOXES



BOX 1

(LOTS 11, 12, 15, 16, 17, 18, 19, & 21)

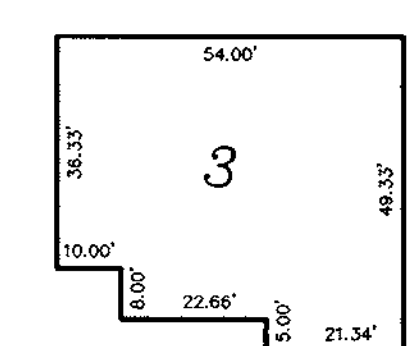
AMBERLY (ALL OPTIONS SHOWN)
 AMBERLY II (ALL OPTIONS SHOWN)
 ARLINGTON II (ALL OPTIONS SHOWN)
 ASHTON (ALL OPTIONS SHOWN)
 CHARTLEY II (ALL OPTIONS SHOWN)
 DARTMOUTH (ALL OPTIONS SHOWN)
 DEVONSHIRE (ALL OPTIONS SHOWN)
 FILMORE (ALL OPTIONS SHOWN)
 HAMPTON (ALL OPTIONS SHOWN)



BOX 2

(LOT 14 ONLY)

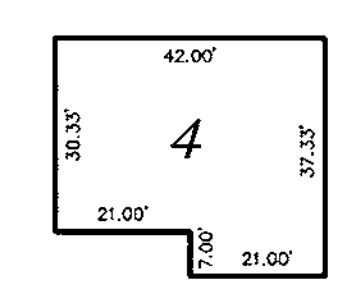
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 AMBERLY II (ALL OPTIONS SHOWN)
 ARLINGTON II (ALL OPTIONS SHOWN)
 ARLINGTON II (ALL OPTIONS SHOWN)
 ASHTON (REVERSED, OR NO OPTIONAL 3RD GARAGE)
 CHARTLEY II (ALL OPTIONS SHOWN)
 DARTMOUTH (ALL OPTIONS SHOWN)
 DEVONSHIRE (ALL OPTIONS SHOWN)
 FILMORE (ALL OPTIONS SHOWN)
 HAMPTON (ALL OPTIONS SHOWN)



BOX 3

(LOT 10 ONLY)

ARLINGTON II (ALL OPTIONS SHOWN)
 ASHTON (NO OPTIONAL 3RD GARAGE)
 CHARTLEY II (ALL OPTIONS SHOWN)
 DARTMOUTH (ALL OPTIONS SHOWN)
 DEVONSHIRE (ALL OPTIONS SHOWN)



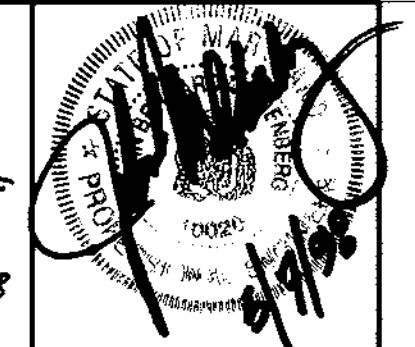
BOX 4

(LOT 13 ONLY)

CHARTLEY II (NO OPTIONAL BREAKFAST ROOM EXTENSION, FAMILY ROOM EXTENSION, OR SUNROOM).

F:\97094\DWG\GENERIC

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 5/6/98
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 [Signature] 5/26/98
 CHIEF, DIVISION OF LAND DEVELOPMENT
 [Signature] 5/28/98
 DIRECTOR



OWNERS
 GUELSKY HOLDINGS, INC.
 SAMUEL W. MCCULLOUGH
 11729 MIDDLE PATUXENT COURT
 COLUMBIA, MARYLAND 21044
 410-531-5374

DEVELOPER
 CORNERSTONE HOMES, INC.
 7405 BUICKS HAVEN LANE
 HIGHLAND, MARYLAND 20777
 410-792-2565

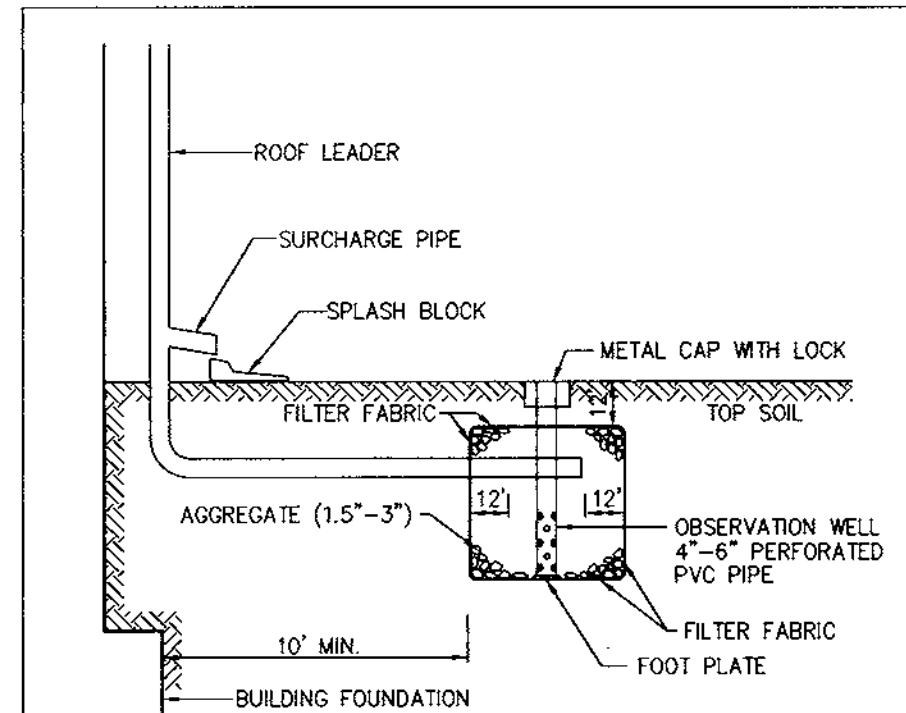
date	MAY 1998
project	97094
illustration	RLM/MP
scale	1" = 30'
approval	JBM

no.	
description	
relations	
date	

LOTS 10 THRU 23
BRYCE OVERLOOK
 HOWARD COUNTY, MARYLAND
 FIFTH ELECTION DISTRICT
HOUSE MODELS & GENERIC BOXES

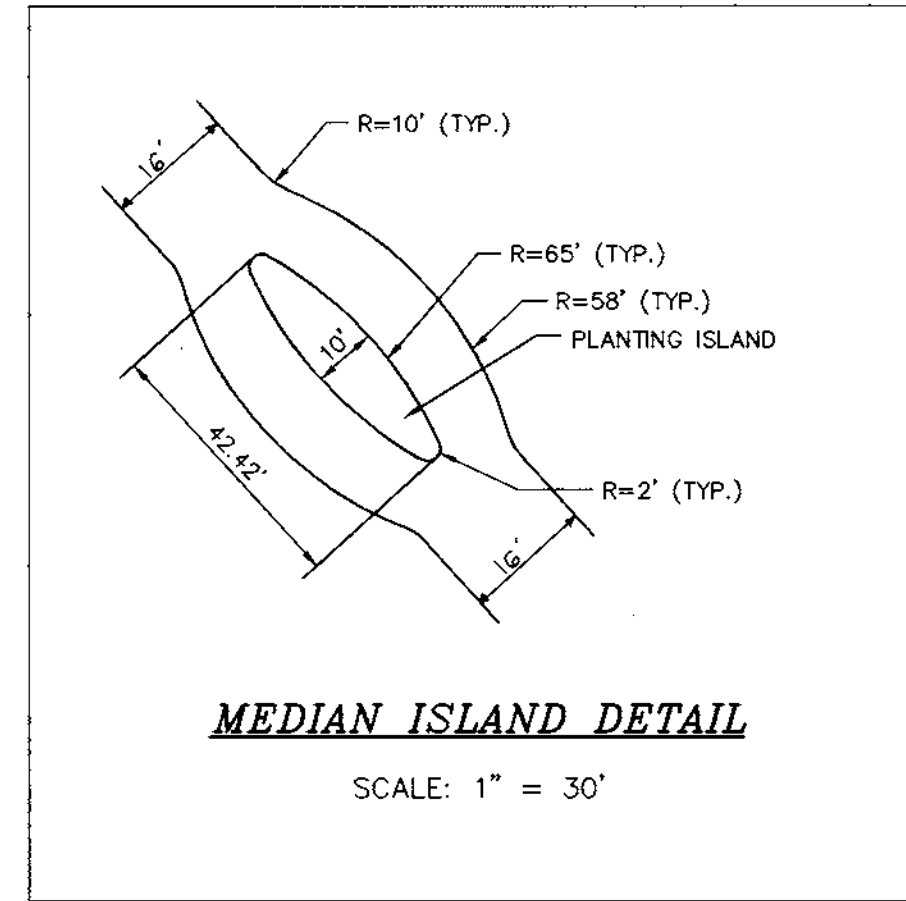
MILDENBERG, BOENDER & ASSOC., INC.
 Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Fax. (301) 621-5521 Wash. (410) 997-0298 Fax.

DRY WELL TABLE			
LOT NUMBER	SIZE (W x L x D)	VOLUME REQUIRED (CU. FT.)	VOLUME PROVIDED (CU. FT.)
18	5.1' x 6.5' x 5.0'	151.00	165.75
19	4.5' x 5.0' x 4.0'	87.50	90.00



DRY WELL DETAIL (TYPICAL)
LOTS: 18 & 19
(NO SCALE)

- NOTES:
1. ALL ROOF GUTTERS SHOULD BE CONNECTED TO THE DRYWELL.
 2. DRYWELLS SHALL BE LOCATED AT LEAST 10' FROM THE DWELLING.
 3. DRYWELLS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.

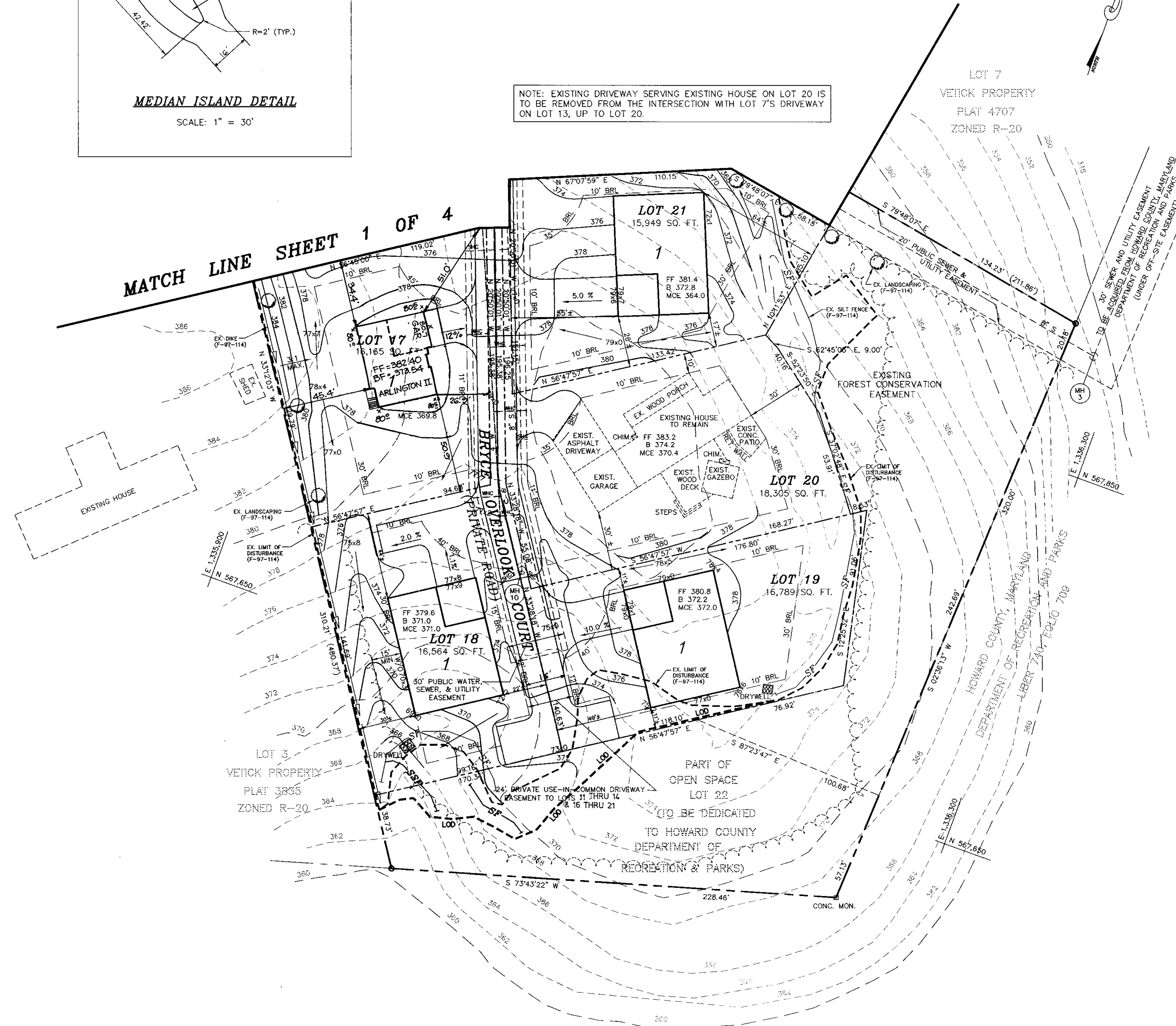


MEDIAN ISLAND DETAIL

SCALE: 1" = 30'

DRIVEWAY CENTERLINE CURVE DATA						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
C-1	17.79	25.00'	40° 45' 50"	9.29'	17.41'	S 22° 35' 27" E
C-2	15.37'	35.00'	25° 09' 18"	7.81'	15.24'	S 55° 33' 01" E
C-3	14.09'	35.00'	23° 03' 37"	7.14'	13.99'	S 79° 39' 28" E
C-4	24.84'	35.00'	40° 40' 09"	12.97'	24.33'	S 70° 51' 12" E
C-5	41.45'	35.00'	67° 50' 49"	23.54'	39.07'	S 84° 26' 32" E
C-6	37.37'	35.00'	61° 10' 25"	20.69'	35.62'	S 87° 46' 45" E
C-7	22.21'	35.00'	36° 21' 31"	11.49'	21.84'	S 39° 00' 46" E
C-8	7.72'	35.00'	12° 38' 17"	3.88'	7.70'	S 27° 09' 10" E

NOTE: EXISTING DRIVEWAY SERVING EXISTING HOUSE ON LOT 10 IS TO BE REMOVED FROM THE INTERSECTION WITH LOT 7'S DRIVEWAY ON LOT 13, UP TO LOT 20.



MATCH LINE SHEET 1 OF 4

DEVELOPER'S CERTIFICATE
I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

R. D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE
Brian D. Boy
PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS PLAN 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 SOIL CONSERVATION SERVICE.

[Signature] 5/1/98
SIGNATURE OF ENGINEER DATE
Lawrence M. [Signature]
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

[Signature] 5/18/98
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING
[Signature] 5/9/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
[Signature] 5/26/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
[Signature] 5/28/98
DIRECTOR DATE

OWNERS
GUELSKY HOLDINGS, INC.
SAMUEL W. McCULLOUGH
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
7405 BUCKS HAVEN LANE
HIGHLAND, MARYLAND 20777
410-792-2565

date	MAY 1998
project	97094
illustration	RLM/MP
scale	1" = 30'
approval	JBM

date	01-19-2000
description	CLARIFIED DRIVEWAY EASEMENT INFO AND ADDED DRIVEWAY CENTERLINE CURVE TABLE
revision	1
date	G-B-99
no.	

HOWARD COUNTY
FIFTH ELECTION DISTRICT
LOTS 10 THRU 23
BRYCE OVERLOOK
SITE DEVELOPMENT PLAN

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0286 Fax: (301) 621-5521 Wash. (410) 997-0288 Fax.

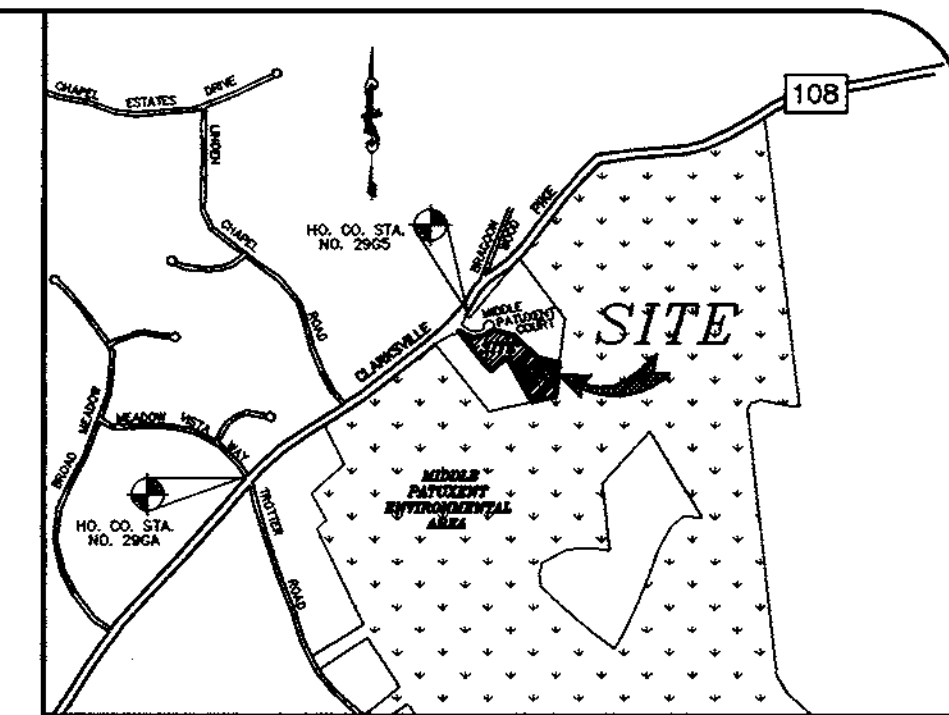
BRYCE OVERLOOK COURT IS A PRIVATE ROAD, WHICH WILL BE PRIVATELY MAINTAINED BY THE HOMEOWNERS. REFUSE COLLECTION, SNOW REMOVAL, MAIL DELIVERY, AND ALL COUNTY MAINTENANCE ARE PROVIDED ONLY UP TO THE JUNCTION OF MIDDLE PATUXENT COURT WITH BRYCE OVERLOOK COURT, AND NOT ONTO THE PRIVATE ROAD.

SHEET INDEX

1	SITE DEVELOPMENT PLAN
2	SITE DEVELOPMENT PLAN
3	SEDIMENT CONTROL NOTES & DETAILS
4	HOUSE MODELS & GENERIC BOXES

LINE TABLE

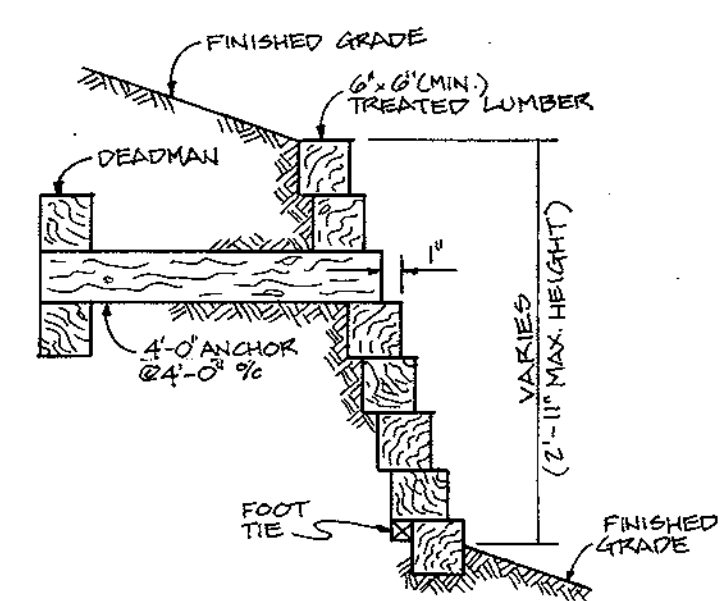
LINE	BEARING	DISTANCE
L3	S 01°58'02" W	12.77'
L4	S 01°58'02" W	10.40'
L5	S 01°58'02" W	8.24'
L6	S 01°58'02" W	6.28'
L8	S 34°55'06" E	14.54'
L9	S 34°55'06" E	16.00'
L10	S 34°55'06" E	17.45'
L11	S 34°55'06" E	18.90'
L12	S 34°55'06" E	20.36'
L13	S 34°55'06" E	21.81'
L14	S 34°55'06" E	23.26'



NOTE: DURING CONSTRUCTION, ACCESS TO LOT 7 OF THE VETICK PROPERTY IS TO BE MAINTAINED AT ALL TIMES.

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, AND MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION AT (410)-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:
 - MISS UTILITY 1-800-257-7777
 - BELL ATLANTIC TELEPHONE COMPANY 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES 313-4800
 - AT&T CABLE LOCATION DIVISION 393-3533
 - BALTIMORE GAS & ELECTRIC 685-0123
 - STATE HIGHWAY ADMINISTRATION 531-5533
 - HOWARD COUNTY DEPT. OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION 313-1880
- PROJECT BACKGROUND:
 - LOCATION: TAX MAP 29, 5TH ELECTION DISTRICT.
 - ZONING: R-20
 - TOTAL PROJECT AREA: 6.32 AC. (275,385 SQ. FT.)
 - AREA OF SUBMISSION: 4.50 AC. (196,020 SQ. FT.)
 - LIMIT OF DISTURBANCE AREA: 4.50 AC.
 - REFER TO: F-78-28, F-80-51, SP-96-13 (DENIED), BA-381-D, SP-97-01, F-97-114
 - PROPOSED USE: SINGLE FAMILY DETACHED
 - TOTAL NUMBER OF UNITS ALLOWED: 12
 - TOTAL NUMBER OF UNITS THIS SUBMISSION: 12
 - AREA OF OPEN SPACE: 1.95 AC. (85,041 SQ. FT.) = 31% OF GROSS AREA
- COORDINATES BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NOS. 296A 7 2965.
- TOPOGRAPHY SHOWN HEREON BASED ON SURVEY PERFORMED BY JOHN C. MELLEM, INC. ON OR ABOUT OCTOBER 1996.
- WATER AND SEWER TO BE PUBLIC. SEE WATER AND SEWER PLAN CONTRACT NO. 34-3677-D.
- STORMWATER MANAGEMENT PROVIDED UNDER F-97-114.
- NO BURIAL OR CEMETERY SITES EXIST ON THE SITE.
- FOR DRIVEWAY ENTRANCE DETAILS, REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV DETAILS R.6.03 AND R.6.05 (PRIVATE DRIVEWAY TO BE 20' WIDE).
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS, AND STREAM BUFFERS OR FOREST CONSERVATION AREAS, EXCEPT AS SHOWN ON APPROVED PLANS.
- EXISTING EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE UTILIZED.
- GRADING MAY NOT BEGIN UNTIL SEDIMENT CONTROL UNDER THE ROAD PLANS (F-97-114) ARE IN PLACE AND FUNCTIONING, AND PERMISSION IS RECEIVED FROM THE SEDIMENT CONTROL INSPECTOR TO BEGIN THE CONSTRUCTION SHOWN ON THIS PLAN.



NOTE: SEE SHEET 2 OF 4 FOR MEDIAN ISLAND DETAIL.

LEGEND

- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- DRAINAGE DIRECTION
- WALKOUT BASEMENT
- W/O
- 8" S
- 6" W
- PROPOSED TREE LINE
- EXISTING TREE LINE
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- PROPOSED TREE LINE
- EXISTING STORM DRAIN LINE
- 15" RCPP
- SP-SF
- LIMIT OF DISTURBANCE
- STABILIZED CONSTRUCTION ENTRANCE

DEVELOPER'S CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Brian D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE

Brian D. Boy
PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN, DESIGN AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

John M. ... 5/19/98
SIGNATURE OF ENGINEER DATE

John M. ...
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmons 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

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

John ... 5/18/98
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

... 5/19/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

... 5/20/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

... 5/20/98
DIRECTOR DATE

OWNERS
GUDELSKY HOLDINGS, INC.
SAMUEL W. McCULLOUGH
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
7405 BUCKS HAVEN LANE
HIGHLAND, MARYLAND 20777
410-792-2565

ADDRESS CHART

LOT #	ADDRESS
10	11733 MIDDLE PATUXENT COURT
11	11708 BRYCE OVERLOOK COURT
12	11716 BRYCE OVERLOOK COURT
13	11724 BRYCE OVERLOOK COURT
14	11709 BRYCE OVERLOOK COURT
15	11731 MIDDLE PATUXENT COURT
16	11732 BRYCE OVERLOOK COURT
17	11740 BRYCE OVERLOOK COURT
18	11748 BRYCE OVERLOOK COURT
19	11747 BRYCE OVERLOOK COURT
20	11739 BRYCE OVERLOOK COURT
21	11731 BRYCE OVERLOOK COURT

PERMIT INFORMATION BLOCK

SUBDIVISION NAME BRYCE OVERLOOK		SECTION/AREA N/A	PARCEL/LOT LOTS 10 THRU 23		
PLAT # or L/F 13026-13029	BLOCK # 14 & 20	ZONING R-20	TAX MAP NO. 29	ELECTION DISTRICT 5TH	CENSUS TRACT 6055
WATER CODE 103			SEWER CODE 6740000		

NOTE: EXISTING DRIVEWAY SERVING EXISTING HOUSE ON LOT 20 IS TO BE REMOVED FROM THE INTERSECTION WITH LOT 7'S DRIVEWAY ON LOT 13, UP TO LOT 20.

DATE: MAY 1998
PROJECT: 97094
ILLUSTRATION: RLM/MP
SCALE: 1" = 30'
JOB NO.: 6-8-98
DATE: 5-18-98

APPROVED: MILDENBERG, BOENDER & ASSOC., INC.
DATE: 5/18/98

PROJECT: LOTS 10 THRU 23
BRYCE OVERLOOK
FIFTH ELECTION DISTRICT
SITE DEVELOPMENT PLAN
HOWARD COUNTY

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5621 Wash. (410) 997-0298 Fax.

1 OF 4

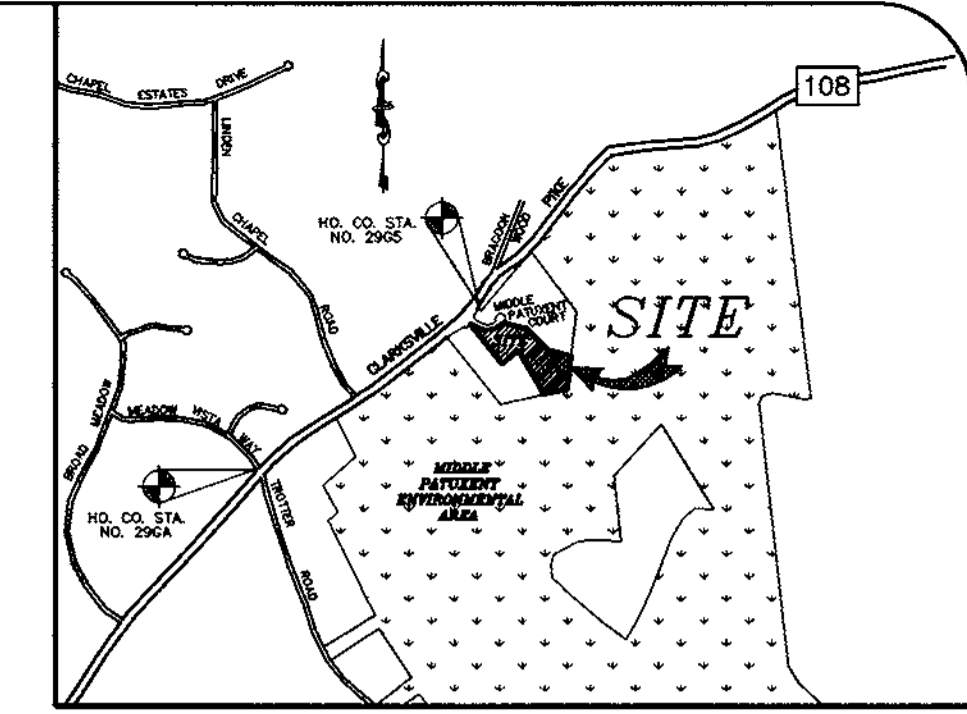
BRYCE OVERLOOK COURT IS A PRIVATE ROAD, WHICH WILL BE PRIVATELY MAINTAINED BY THE HOMEOWNERS. REFUSE COLLECTION, SNOW REMOVAL, MAIL DELIVERY, AND ALL COUNTY MAINTENANCE ARE PROVIDED ONLY UP TO THE JUNCTION OF MIDDLE PATUXENT COURT WITH BRYCE OVERLOOK COURT, AND NOT ONTO THE PRIVATE ROAD.

SHEET INDEX

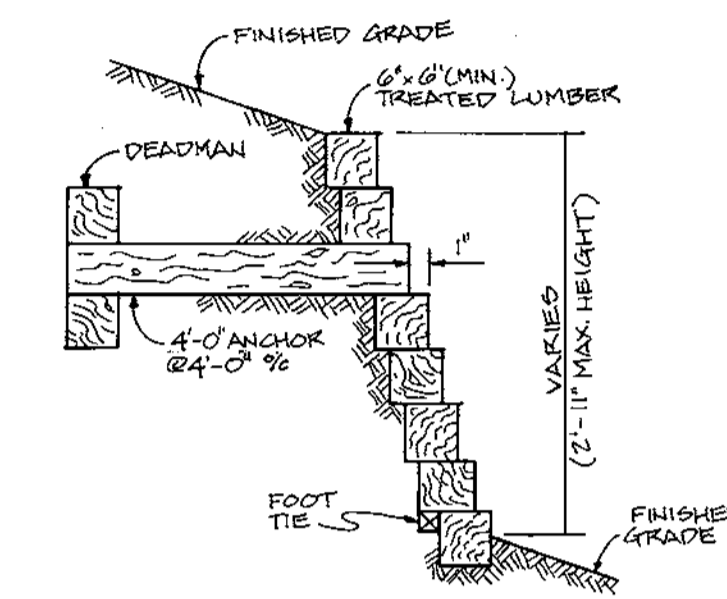
1	SITE DEVELOPMENT PLAN
2	SITE DEVELOPMENT PLAN
3	SEDIMENT CONTROL NOTES & DETAILS
4	HOUSE MODELS & GENERIC BOXES

LINE TABLE

LINE	BEARING	DISTANCE
L3	S 01°58'02" W	12.77'
L4	S 01°58'02" W	10.40'
L5	S 01°58'02" W	8.24'
L6	S 01°58'02" W	6.28'
L8	S 34°55'06" E	14.54'
L9	S 34°55'06" E	16.00'
L10	S 34°55'06" E	17.45'
L11	S 34°55'06" E	18.90'
L12	S 34°55'06" E	20.36'
L13	S 34°55'06" E	21.81'
L14	S 34°55'06" E	23.26'



NOTE: DURING CONSTRUCTION, ACCESS TO LOT 7 OF THE VETICK PROPERTY IS TO BE MAINTAINED AT ALL TIMES.



GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY, AND MSHA STANDARDS AND SPECIFICATIONS, IF APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION AT (410)-313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:
 - MISS UTILITY: 1-800-257-7777
 - BELL ATLANTIC TELEPHONE COMPANY: 725-9976
 - HOWARD COUNTY BUREAU OF UTILITIES: 313-4900
 - AT&T CABLE LOCATION DIVISION: 393-3533
 - BALTIMORE GAS & ELECTRIC: 685-0123
 - STATE HIGHWAY ADMINISTRATION: 531-5533
 - HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION: 313-1880
- PROJECT BACKGROUND:
 - LOCATION: TAX MAP 29, 5TH ELECTION DISTRICT.
 - ZONING: R-20
 - TOTAL PROJECT AREA: 6.32 AC. (275,385 SQ. FT.)
 - AREA OF SUBMISSION: 4.50 AC. (196,020 SQ. FT.)
 - LIMIT OF DISTURBANCE AREA: 4.50 AC.
 - REFER TO: F-79-28, F-80-51, SP-98-13 (DENIED), BA-381-D, SP-97-01, F-97-114
 - PROPOSED USE: SINGLE FAMILY DETACHED
 - TOTAL NUMBER OF UNITS ALLOWED: 12
 - TOTAL NUMBER OF UNITS THIS SUBMISSION: 12
 - AREA OF OPEN SPACE: 1.95 AC. (85,041 SQ. FT.) = 31% OF GROSS AREA
- COORDINATES BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NOS. 286A, 7, 2865.
- TOPOGRAPHY SHOWN HEREON BASED ON SURVEY PERFORMED BY JOHN C. MELLEMA, INC. ON OR ABOUT OCTOBER 1996.
- WATER AND SEWER TO BE PUBLIC. SEE WATER AND SEWER PLAN CONTRACT NO. 34-3577-D.
- STORMWATER MANAGEMENT PROVIDED UNDER F-97-114.
- NO BURIAL OR CEMETERY SITES EXIST ON THE SITE.
- FOR DRIVEWAY ENTRANCE DETAILS, REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV DETAILS R.6.03 AND R.6.05 (PRIVATE DRIVEWAY TO BE 16' WIDE).
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS, AND STREAM BUFFERS OR FOREST CONSERVATION AREAS, EXCEPT AS SHOWN ON APPROVED PLANS.
- EXISTING EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE UTILIZED.
- GRADING MAY NOT BEGIN UNTIL SEDIMENT CONTROL UNDER THE ROAD PLANS (F-97-114) ARE IN PLACE AND FUNCTIONING, AND PERMISSION IS RECEIVED FROM THE SEDIMENT CONTROL INSPECTOR TO BEGIN THE CONSTRUCTION SHOWN ON THIS PLAN.
- FOR REVISED USE-IN-COMMON DRIVEWAY EASEMENT, SEE F-99-206 PLATS 13026 THRU 13029.

ADDRESS CHART

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21	11731 BRYCE OVERLOOK COURT

NOTE: SEE SHEET 2 OF 4 FOR MEDIAN ISLAND DETAIL.

LEGEND

- - - - - EXISTING 2' CONTOUR
- - - - - EXISTING 10' CONTOUR
- - - - - PROPOSED 2' CONTOUR
- - - - - PROPOSED 10' CONTOUR
- - - - - DRAINAGE DIRECTION
- - - - - WALKOUT BASEMENT
- - - - - W/O
- - - - - 8" S
- - - - - EXISTING SEWER MAIN
- - - - - 6" W
- - - - - EXISTING WATER MAIN
- - - - - PROPOSED TREE LINE
- - - - - 15" RCP
- - - - - EXISTING STORM DRAIN LINE
- - - - - SF
- - - - - SILT FENCE
- - - - - LIMIT OF DISTURBANCE
- - - - - STABILIZED CONSTRUCTION ENTRANCE

DEVELOPERS CERTIFICATE

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL RESOURCE CONSERVATION SERVICE.

Brian D. Boy 5/6/98
SIGNATURE OF DEVELOPER DATE
BRIAN D. BOY
PRINTED NAME OF DEVELOPER

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

Laura M. Haddock 5/1/98
SIGNATURE OF ENGINEER DATE
LAURA M. HADDOCK
PRINTED NAME OF ENGINEER

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheryl Simmaro 5/18/98
USDA - NATURAL RESOURCE CONSERVATION SERVICE DATE

THIS DEVELOPMENT PLAN IS SUBJECT TO SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

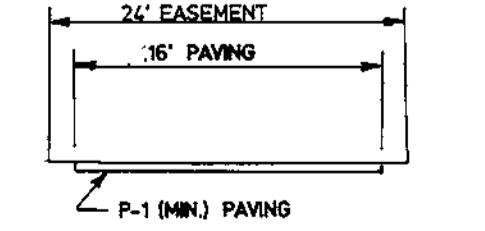
John R. Plutson 5/18/98
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

APPROVED, DEPARTMENT OF PLANNING AND ZONING

William J. Hamilton 5/19/98
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Condy Hamilton 5/21/98
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
John A. ... 5/28/98
DIRECTOR DATE

OWNERS
GUELSKY HOLDINGS, INC.
SAMUEL W. McCULLOUGH
11729 MIDDLE PATUXENT COURT
COLUMBIA, MARYLAND 21044
410-531-5374

DEVELOPER
CORNERSTONE HOMES, INC.
7405 BUCKS HAVEN LANE
HIGHLAND, MARYLAND 20777
410-792-2565



MATCH LINE SHEET 2 OF 4

NOTE: EXISTING DRIVEWAY SERVING EXISTING HOUSE ON LOT 20 IS TO BE REMOVED FROM THE INTERSECTION WITH LOT 7'S DRIVEWAY ON LOT 13, UP TO LOT 20.

PERMIT INFORMATION BLOCK

SUBDIVISION NAME BRYCE OVERLOOK		SECTION/AREA N/A	PARCEL/LOT LOTS 10 THRU 23		
PLAT # or L/F 13026-13029	BLOCK # 14 & 20	ZONING R-20	TAX MAP NO. 29	ELECTION DISTRICT 5TH	CENSUS TRACT 6055
WATER CODE 103			SEWER CODE 6740000		

date	MAY 1998
project	97094
illustration	JBM
scale	1" = 30'
approval	JBM

clarified driveway easement info and driveway construction details and delineated so. lines, 1:5 and 1:1	01-09-2000
add retaining wall, rev. grades & ff. elev. lot 13, add retaining wall detail	11-05-99
hbe siting, lot 12 (benchmark eng., inc.)	06-14-99
hbe siting, lot 12 (benchmark eng., inc.)	06-08-99
description	revisions
no.	date

LOTS 10 THRU 23
BRYCE OVERLOOK
FIFTH ELECTION DISTRICT
SITE DEVELOPMENT PLAN
HOWARD COUNTY

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Horse Hall Drive, Suite 202, Fittsford City, Maryland 21042
(410) 997-0296 Bal. (301) 621-5521 Wash. (410) 997-0298 Fax.