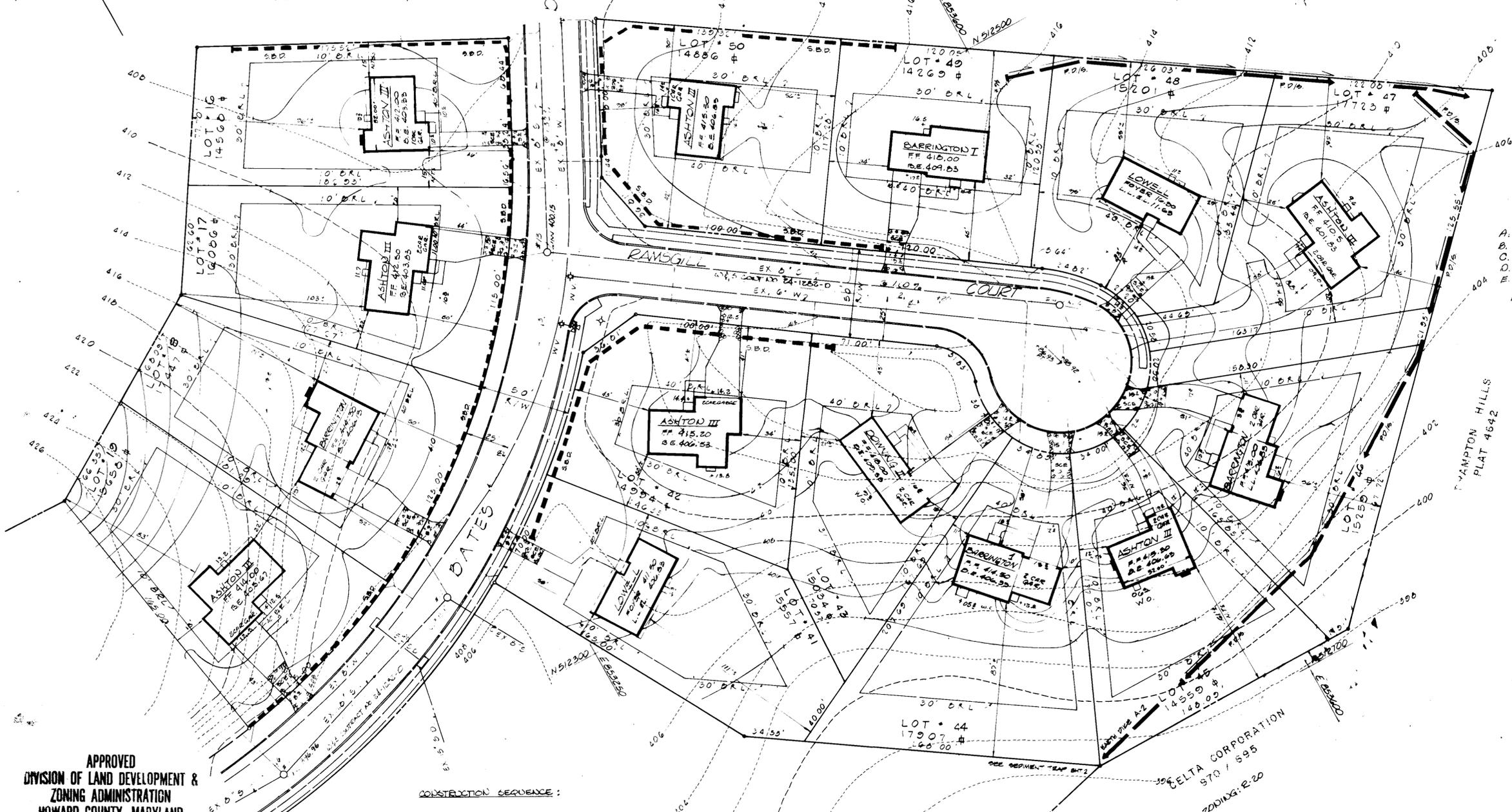


BRAMPTON HILLS
PLAT 4643 ZONING R-20

BRAMPTON HILLS
PLAT 4643



- GENERAL NOTES
- A. ACREAGE OF LOTS 13.3 AC.
 - B. NUMBER OF UNITS AND LOTS 35
 - C. ZONING OF PROPERTY R-20
 - D. ALL ROADS ARE PUBLIC AND EXISTING
 - E. STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.

| LOT NO. | STREET ADDRESS |
|---------|------------------|
| 16 | 4706 BATES DRIVE |
| 17 | 4710 |
| 18 | 4714 |
| 19 | 4718 |
| 20 | 4722 |
| 21 | 4726 |
| 22 | 4730 |
| 23 | 4734 |
| 24 | 4738 |
| 25 | 4742 |
| 26 | 4746 |
| 27 | 4750 |
| 28 | 4754 |
| 29 | 4758 |
| 30 | 4762 |
| 31 | 4766 |
| 32 | 4770 |
| 33 | 4774 |
| 34 | 4778 |
| 35 | 4782 |
| 36 | 4786 |
| 37 | 4790 |
| 38 | 4794 |
| 39 | 4798 |
| 40 | 4802 |
| 41 | 4806 |
| 42 | 4810 |
| 43 | 4814 |
| 44 | 4818 |
| 45 | 4822 |
| 46 | 4826 |
| 47 | 4830 |
| 48 | 4834 |
| 49 | 4838 |
| 50 | 4842 |

- CONSTRUCTION SEQUENCE:
1. INSTALL SEDIMENT EROSION CONTROL DEVICES AND STABILIZE DIVERSION DICES.
 2. EXCAVATE FOR FOUNDATIONS & ROUGH GRADE.
 3. ERECT STRUCTURES, DRIVEWAYS AND CELEBRALS.
 4. FINAL GRADE AND STABILIZE IN ACCORDANCE WITH NOTE #6.

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 6-21-85

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
DATE 8-16-85

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE 8-19-85

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
DATE 8-14-85

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
SIGNATURE
DATE 8-9-85

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
SIGNATURE
DATE 8/16/85

DEVELOPER/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.
SIGNATURE OF DEVELOPER / BUILDER
DATE 8/6/85

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 SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
LAND SURVEYOR
DATE 8/6/85



ENGINEERING LANDSCAPE DESIGN CONSTRUCTION CONTRACTING DEVELOPMENT COST PROPERTY DEVELOPMENT

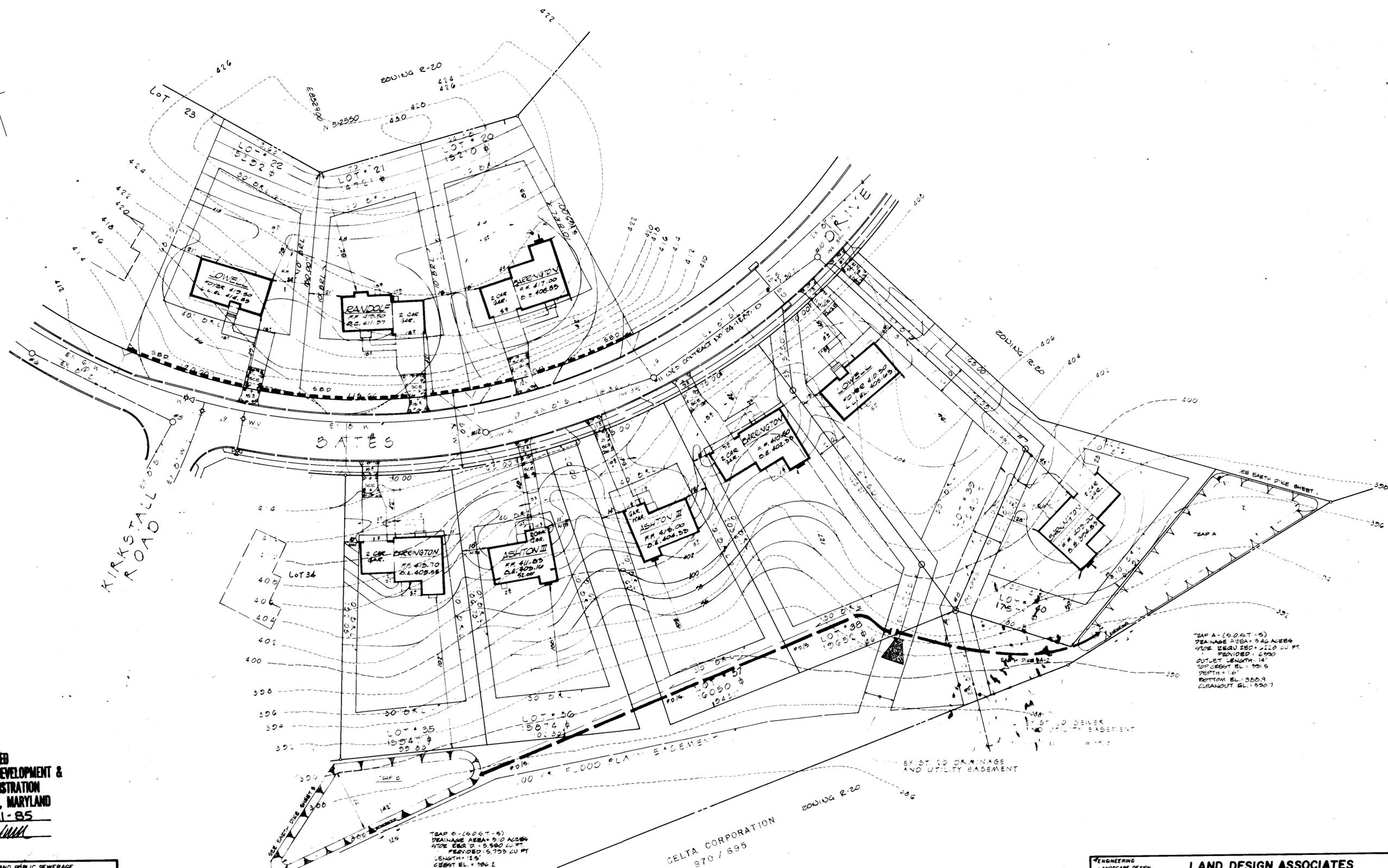
LAND DESIGN ASSOCIATES
415 EAST JORDAN ROAD
TOWSON, MARYLAND 21284
(301) 381-0112

DESIGNED R.L.W.
DRAWN R.L.W.
CHECKED R.L.W.
DATE 8/6/85

SITE DEVELOPMENT & SEDIMENT CONTROL PLAN
LOTS 16-50
BRAMPTON HILLS
SECTION 3 PLAT 1
2ND ELECTION DISTRICT HOWARD CO. MARYLAND

FOR BRAYSON HOMES INC.
3025 CHEVRETT DRIVE
ELICHTON, MD 21043

SDP-85-182



APPROVED
BUREAU OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 6-21-85
[Signature]

| | |
|--|---------|
| APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT | |
| <i>[Signature]</i> | 8-16-85 |
| HEALTH OFFICER | DATE |
| APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING | |
| <i>[Signature]</i> | 8-19-85 |
| PLANNING DIRECTOR | DATE |
| APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS | |
| <i>[Signature]</i> | 8-14-85 |
| DIRECTOR | DATE |
| <i>[Signature]</i> | 8-14-85 |
| CHIEF BUREAU OF ENGINEERING | DATE |

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
[Signature] 8-9-85
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
[Signature] 8/9/85
 APPROVED

TRAP A - (6.0 FT - 5)
 DRAINAGE AREA = 9.46 ACRES
 4700 G.P.D. @ 1.5 INCHES PER HOUR
 PROVIDED 5.755 CU FT
 LENGTH = 12.5'
 CREST EL. = 306.2
 DEPTH = 17"
 BOTTOM EL. = 305.5
 CLEANOUT EL. = 300.1

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.
[Signature] 8/6/85
 SIGNATURE OF DEVELOPER / BUILDER 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 SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 8/6/85
 LAND SURVEYOR DATE



| | | | |
|--------------------------|--------|--|--|
| ENGINEERING | | LAND DESIGN ASSOCIATES | |
| LANDSCAPE DESIGN | | 416 EAST JOPPA ROAD | |
| CONSTRUCTION CONTRACTING | | TOWSON, MARYLAND 21284 | |
| DEVELOPMENT COST | | (301) 321-012 | |
| PROPERTY DEVELOPMENT | | | |
| DESIGNED | R.L.W. | SITE DEVELOPMENT & SEDIMENT CONTROL PLAN | |
| DRAWN | R.L.W. | LOTS 16 - THUR 50 | |
| CHECKED | R.L.W. | BRAMPTON HILLS | |
| DATE | 8/6/85 | SECTION 5 AREA 1 | |
| | | 2ND ELECTION DISTRICT HOWARD CO., MARYLAND | |
| | | FOR: GRAYSON HOMES INC. | |
| | | 8025 CHEVROLET DRIVE | |
| | | ELLSWOOD CITY, MD 21033 | |
| | | FILE NO. | |

SDP-85-182



EXIST. 20' DRAINAGE AND UTILITY EASEMENT

DELTA CORPORATION
870 / 895
ZONING: R-20

EXIST. 20' SEWER AND UTILITY EASEMENT

NOTE BASEMENT LEVEL OF LOT 28 CANNOT BE SERVED BY GRAVITY.

TRAP D - (60.0 FT. - 5)
DRAINAGE AREA = 11 ACRES
SLOPE 12.5% @ 1000 FT.
PROVIDED 1000
LENGTH = 45'
DEPTH EL = 308.0
DEPTH = 15'
BOTTOM EL = 297.0
CLEANOUT EL = 297.0

TRAP C - (60.0 FT. - 5)
DRAINAGE AREA = 11.4 ACRES
SLOPE 12.5% @ 1000 FT.
PROVIDED 1000
LENGTH = 45'
DEPTH EL = 308.0
DEPTH = 15'
BOTTOM EL = 297.0
CLEANOUT EL = 297.0

M. L. DAWSON LEE JR.
1021 / 283
ZONING: R-20

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE 8-16-85
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 8-19-85
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION/CLETS
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 8-14-85
 CHIEF BUREAU OF ENGINEERING DATE 8-14-85

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 6-21-85

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.
 SIGNATURE DATE 8-9-85
 U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 SIGNATURE DATE 8/6/85
 APPROVED DATE

DEVELOPERS/BUILDER'S CERTIFICATE
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 SIGNATURE OF DEVELOPER / BUILDER DATE 8/6/85

ENGINEERS CERTIFICATE
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 LAND SURVEYOR SIGNATURE DATE 8/6/85



| | | | |
|---|---|---|----------|
| ENGINEERING LANDSCAPE DESIGN CONSTRUCTION CONTRACTING DEVELOPMENT COST PROPERTY DEVELOPMENT | | LAND DESIGN ASSOCIATES 116 EAST JOPPA ROAD TOWSON, MARYLAND 21284 (301) 321-012 | |
| DESIGNED R.L.W. | SITE DEVELOPMENT & SEDIMENT CONTROL PLAN LOTS 16 THRU 50 BRAMPTON HILLS SECTION 3 AREA 1 2ND ELECTION DISTRICT HOWARD CO. MARYLAND | SCALE 1" = 30' | |
| DRAWN R.L.W. | | DRAWING 1004 | |
| CHECKED R.L.W. | | JOB NO. | |
| DATE 8/6/85 | | FOR GRAYSON HOMES INC. 3025 CHEVERLY DRIVE ELICOTT CITY, MD 21043 | FILE NO. |

GENERAL NOTES

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre 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 disc 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 disc 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 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 seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redisturbed where a short-term vegetative cover is needed.

Seeded Preparation - Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

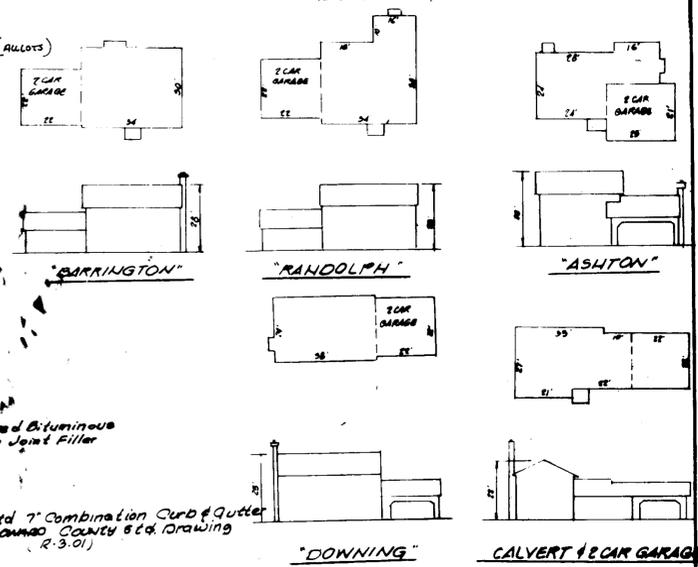
Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding - For periods March 1 thru April 30 and from August 15 thru November 15, seed with 24 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 February 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 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 ft 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 rate and methods not covered.

TYPICAL HOUSES
NO SCALE



SEDIMENT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (992-2437).
- 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 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 HANDBOOK, 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) 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.
- Site Analysis:

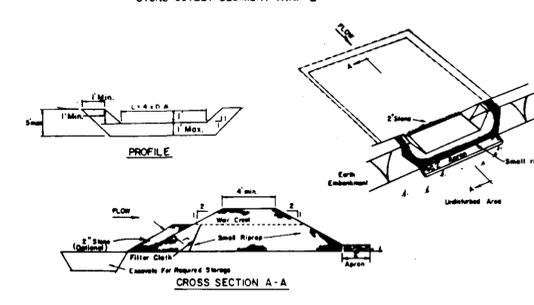
| | |
|------------------------------------|----------------|
| Total Area of Site | 15.5 acres |
| Area Disturbed | 10.0 acres |
| Area to be roofed or paved | 2.2 acres |
| Area to be vegetatively stabilized | 0.85 acres |
| Total Cut (incl. Foundation) | 14,000 Cu. yds |
| Total Fill | 18,000 Cu. yds |

 Offsite waste/borrow area location
- 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 DPM sediment control inspector.

CONSTRUCTION SEQUENCE

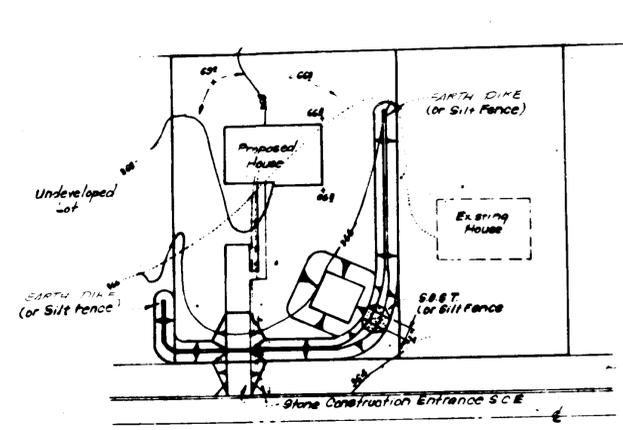
- OBTAIN A GRADING PERMIT
- CLEARING & GRUBBING FOR THE INSTALLATION OF PERIMETER CONTROL 3 DAYS
- REMAINING CLEARING & GRUBBING 4 DAYS
- GRADE ROADS & SITE 12 DAYS
- UTILITY INSTALLATION & TREATMENT OF STORM DRAIN (i.e. blocking or diverting to traps) (N.A.)
- FINAL GRADING AND STABILIZATION 48-180 DAYS (allots)
- REMOVAL OF CONTROL BY H.S.C.D.

STONE OUTLET SEDIMENT TRAP

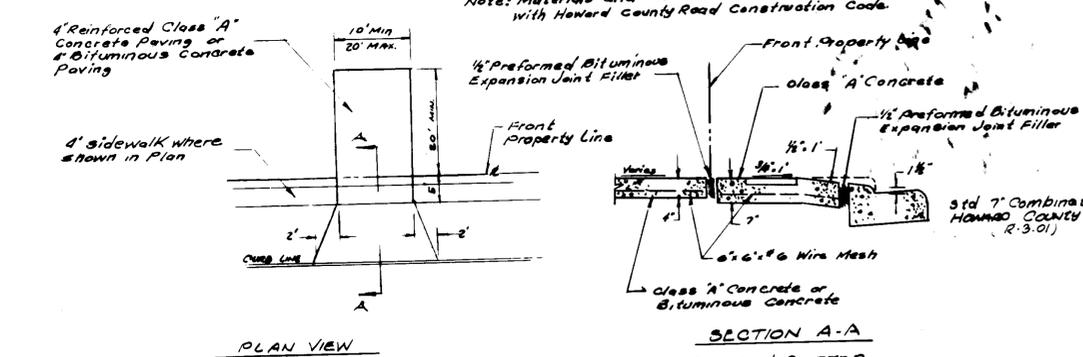


- CONSTRUCTION SPECIFICATIONS FOR ST-V**
- Area under embankment shall be cleared, grubbed and stripped of any vegetation an root mat. The pool area shall be cleared.
 - The fill material for the embankment shall be free of roots and other woody vegetation as well as over-sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
 - All cut and fill slopes shall be 2:1 or flatter.
 - The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the upgrade side on the small riprap or embedded filter cloth in the trap.
 - Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap.
 - The structure shall be inspected after each rain and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



DRIVEWAY ABUTTING 3RD 7" COMB. CURB & GUTTER
No Scale

DEVELOPERS/BUILDER'S CERTIFICATE

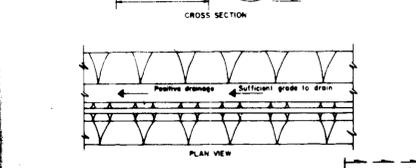
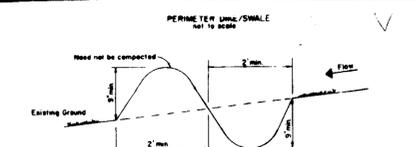
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Signature: *[Signature]* Date: 8/5/85
Signature of Developer/Builder: *[Signature]* Date: 8/5/85

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.

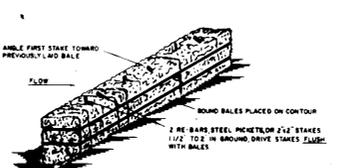
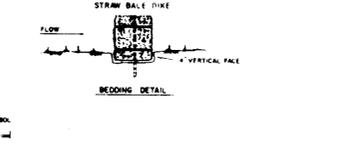
Signature: *[Signature]* Date: 8/6/85
Signature of Land Surveyor: *[Signature]* Date: 8/6/85



PERIMETER DIKE/SWALE
Standard Drawing PDS-1

- All perimeter dike/swale shall have UNDISTURBED POSITIVE GRADE TO AN OUTLET. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVERTED TO A SEDIMENT TRAPPING DEVICE.
- Disturbed runoff from an UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT AN APPROPRIATE VELOCITY.
- THE DIKE SHALL BE EXCAVATED TO THE LINE, GRAD, AND CROSS SECTION AS SPECIFIED BY THE STANDARD DRAWING.
- STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

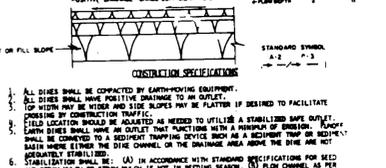
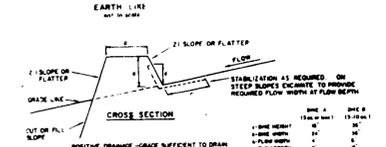
PERIMETER DIKE/SWALE
Standard Drawing PDS-1



STRAW BALE DIKE
Standard Drawing SD-1

- Bales shall be placed at the toe of a slope or on the contour and in a row with bales directly adjacent to the adjacent bales.
- EACH BALE SHALL BE SPACED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BIDDINGS ARE HORIZONTAL.
- Bales shall be securely anchored in place by either two stakes or rebar driven through the bales. THE FIRST STAKE, IN EACH BALE, SHALL BE DRIVEN THROUGH THE PERIPHERAL LATHING AT AN ANGLE TO FORCE THE BALE TOGETHER. STAKES SHALL BE DRIVEN THROUGH THE BALE.
- INSPECTION SHALL BE PROVIDED AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- Bales shall be removed when they have reached their usefulness so as NOT TO BLOCK OFF THE STORM FLOW OF DRAINAGE.

STRAW BALE DIKE
Standard Drawing SD-1

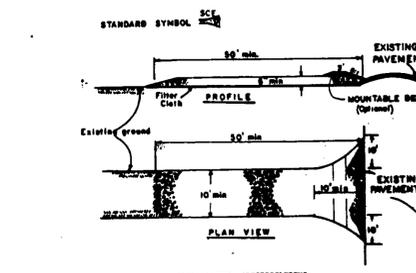


EARTH DIKE
Standard Drawing ED-1

- ALL DIKES SHALL BE COMPACTED BY EARTHMOVING EQUIPMENT.
- ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET. IF DRAINAGE IS NOT PROVIDED, THE DIKE SHALL BE DESIGNED TO FACILITATE CONVEYING BY CONSTRUCTION TRAFFIC.
- FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED DRAINAGE OUTLET. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF DISTURBANCE. EARTH DIKES SHALL BE CONSTRUCTED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHEN EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT PERMANENTLY STABILIZED.
- STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW BALE IF NOT IN RECORDING; (B) PLAN CHANNEL AS PER THE CHART BELOW.

EARTH DIKE
Standard Drawing ED-1

STABILIZED CONSTRUCTION ENTRANCE
not to scale

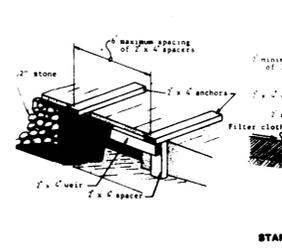


STABILIZED CONSTRUCTION ENTRANCE
Standard Drawing S.C.E.

- Stone Size - One (1) 2" stone, or contained or recycled concrete equivalent.
- Length - As required, but not less than 18 feet (except on a single residential lot where a 36 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - The (18) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a single family residential lot.
- Surface Water - All surface water flowing or directed toward construction entrance shall be piped across the entrance. If piping is impractical, a nonleakable basin with 1:1 slopes will be provided.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or placement 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 an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

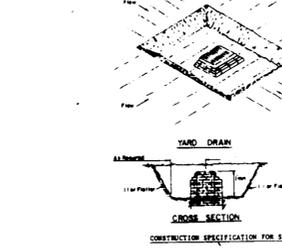
STABILIZED CONSTRUCTION ENTRANCE
Standard Drawing S.C.E.

CURB INLET PROTECTION DETAIL



CURB INLET PROTECTION DETAIL
Standard Drawing IPD-1

STORM INLET SEDIMENT TRAP



STORM INLET SEDIMENT TRAP
Standard Drawing ST-11

- Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Sediment removed shall be deposited in a suitable area and in such a manner that it will not erode.
- The volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution shall be minimized.
- The sediment trap shall be removed and the area stabilized when the contributory drainage area has been properly stabilized.
- All cut slopes shall be 2:1 or flatter.

STORM INLET SEDIMENT TRAP
Standard Drawing ST-11

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 6-21-85
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 8-16-85
[Signature]

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 8-19-85
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 8-14-85
[Signature]

APPROVED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
DATE: 8-9-85
[Signature]
U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Signature: *[Signature]* Date: 8/9/85
Signature: *[Signature]* Date: 8/9/85

LAND DESIGN ASSOCIATES
416 EAST JOPPA ROAD
TOWSON, MARYLAND 21284
(301) 321-0112

SITE DEVELOPMENT & SEDIMENT CONTROL PLAN
LOTS 16 THRU 50
BRAMPTON HILLS
SECTION 3 AREA 1
2ND ELECTION DISTRICT HOWARD CO. MARYLAND

DESIGNED R.L.W.
DRAWN R.L.W.
CHECKED R.L.W.
DATE 8/6/85

SCALE 1"=30'
DRAWING 40x4
JOB NO.
FILE NO.

FOR GRAYSON HOMES, INC.
3025 CHEVERLY DRIVE, SUITE E
ELLSWORTH CITY, MD 21113