

BCALE: I"= 8000'

GENERAL NOTES

- 1.) STORM WATER MANAGEMENT UNDER F 86-62
 .IA) THE LAND INCLUDED IS ZONED R-20
- 2.) COORDINATES SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLANE
 COORDINATE SYSTEM, BEARINGS REFER TO THE TRUE NORTH AND ARE BASED ON HOWARD
 COUNTY GEODETIC SURVEY POINT NO. AND NO.
- 3.) THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TAX MAP 17

- 4.) THE TOTAL AREA ON THIS PLAN IS 240,000 SQ.FT.(5.5140)
 5.) ALL ROADS ARE PUBLIC AND EXISTING
 6.) ANY DAMAGE TO COUNTY OWNED RIGHT-OF-WAYS SHALL BE CORRECTED AT THE
- DEVELOPERS EXPENCE.
 7.) TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE 16
- B) STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 OF THE HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.

Sewer House Connection Elevation e R

Stoti	<i>o</i> n	Lot 4	Elevatione R	Statio		Lot *	Elevation e R
Ex. MI*1 to MI*E					M,		1.10
S.M.	right	65	47210	em-10		III'K WINZ	484.40
	LU.	E to MH		CM-10	·	15:14 Twin	
0+71	lef+	1	478.66 (C1%)		, INI	5 to W	171
		5 to WHY		0+45	right	64	375.71 (E1X)
0+00	left.	2	473.50 (81%)	0+25	left .	55	474.50 (E1%)
	, MI	A to M	<u> </u>		MI	TI to M	
0+17	right	. 54		0+12	left,	57	174.78 (C1%)
0+55	lef+	1.5 4	474.30 (81%)	0+50	right	60	1 474.60 (E14)
0+00	right	55	474.65(E1%)	emi eiz	lef't	30	475.50 (71%)
1+51	laft	4:5 Tuin	475.62		M	IZ to MI	15
1+50	right	5Z	475.15 (81%)	0+27	right	30	475.77 (21%)
1+09	laft.	0	479.00	0+57	lef+	52	475.05(21%)
2+30	right	51	475.82	0.00	left.	40	476.51(21%)
2+67	left	7	474.62	1+25	right	coici Twin	47665
2+07	right	<u></u> ∞ ·1	474.50	1+47	right	> 2	47465
	M	5 to N	(°C)	1+70	lett.	ا۵	1 477.10 (C14)
em1.2	right	₹27 \	477.01	2+15	right	50	477.46
0+00	left	80 Twin	477. SI	@MJ*15	left	42	470.4Z
0+56	laft	10	077.60		, Au	15 to M	1014
1+05	right	63	477.57	0+12	right	56:57 Twin	478.16
	M	to to MI	• 7	0+54	raht	95	470.57
0+60	left	B 7	478.07	@MI4IA	right	55 54 Twin	476.21
0+65	right	27	470.51	,	THE STATE OF	M to M	75
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1+30	right	25180 Twin	479,07		•		<u> </u>
1+25	right	24	479.20			15 to MI	
	W		*D ·	0415	right	50	470.76
0+55	left	16 A		0+60	left	45	480.55
0+65	right	25.	479.81	0+80	left.	44	460.54(21%)
1+27	right	23	050.29	1+00	right	1	30.100
CM.0	lef+	19	000.25	emi*B	•	<i>5</i> 5	100.00 (e1%)
6.	WH	8 to W	2	@ MH 15		<u>ac</u>	1 400.00 (2 1%)
010	right	13	480.62	CMI-15		47:40 Twin	400.70 (C1%)
em *	right	10	401.22	l		l	1 .

32	10226 Raleigh Towern Lane
33	10222 Roleigh Tovern Lane
34	70218 Roleigh Tovern Lane
35	10201 Red Lion Tovern Court
.37	10209 Red Lion Tayern-Court
. 38	10213 Red Lion Tayern-Kourt

SUBDIVISION NAME MARKET SQUARE BOUTH	SEC. JAREA (015 , 22-35, 37 \$ 38	
PLAT NO OR L.F. BLK.NO ZONE TAX/	ZONE MAP ELEC. DIST. CENSUS TR.	
WATER CODE (HOS)	SEWER CODE 5758000	

	LANDSCAPE	
	CONSTRUCT	
الو	PROPERTY	DE
	DESIGNED	Γ
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ONTROL REPRESENTS A PRACTICAL LE PLAN BASED ON MY PERSONAL DE SITE CONDITIONS AND THAT	
ARED IN ACCORDANCE WITH THE	MESON
ON DISTRICT.	The second second

W. W.

ENGINEERING LANDSCAPE DESIGN CONSTRUCTION CONTRACTING DEVELOPMENT COST PROPERTY DEVELOPMENT		LAND DESIGN ASS	OC.
		718 HIGHWOOD DRIVE BALTIMORE, MD 21212	
DESIGNED		SITE DEVELOPMENT'S	SOALE 1"= 30'
RLW	SE	DIMENT CONTROL PLAN	
DRAWN		KET SQUARE SOUTH	DRAWING
RLW.	,	LOTS 22-35 4 97,38	1 OF 3
CHECKED	•	NO ELECTION DISTRICT	JOB NO.
RL.W.	но	WARD COUNTY, MARYLAND	
DATE 9 5 80	OWNER: GR	AYSON HOMES, INC. 5 CHEVROLET BRIVE, SUITE K ELLIST, CITY, MB 21043	FILE NO.

OPEN GPACE LOT 3G 11.773 AC	
NOTE: in reference to the development Market sare Seath Lots se through se and st. se builder Grayson Hones, sare Sliicott City Land Holding grants permission to Grayson same	
Position Provident Provide	LOT WUI
APPROVED APPROV	
DIVISION OF LAND SEVERAL AND S	
PEVALOPERS/BUILDER'S CERTIFICATE SYSTEMS HOMAN CONST PEALTH REMARKAGE DEVALOPERS/BUILDER'S CERTIFICATE 1/16 CERTIFY THAT ALL BEVALOPERST AND CONSTRUCTION INL. TO THE CERTIFY THAT ALL BEVALOPERST AND CONSTRUCTION INL.	

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3/	10230 "	h ————————————————————————————————————	
	ENGINEERS CERTIFIC		
I CEI	TTIFY THAT THIS PLAN FOR I MENT CONTROL REPRESENTS	EROSION AND E A PRACTICAL	
AND	WORKABLE PLAN BASED OF	N MY PERSONAL	
KNOW	LEDGE OF SITE CONDITIONS	AND THAT	
IT WA	S PREPARED IN ACCORDANCE IN EMENTS OF THE HOWARD	SOIL	1
	ERVATION DISTRICT.		

ADDRESS CHART

1026 Z

10258

10254

10250

10246

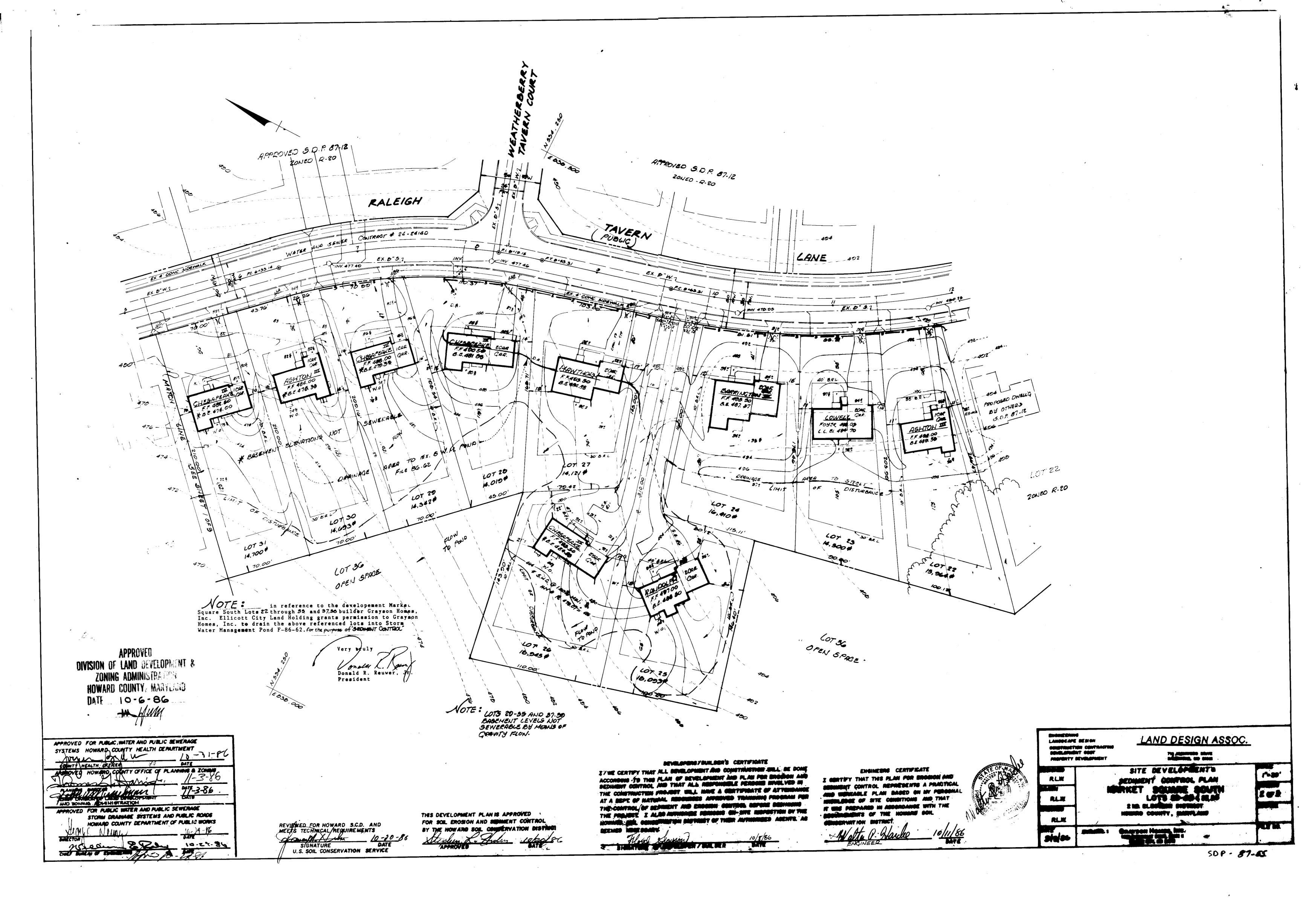
ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR ENGLION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONS INVOLVED IN

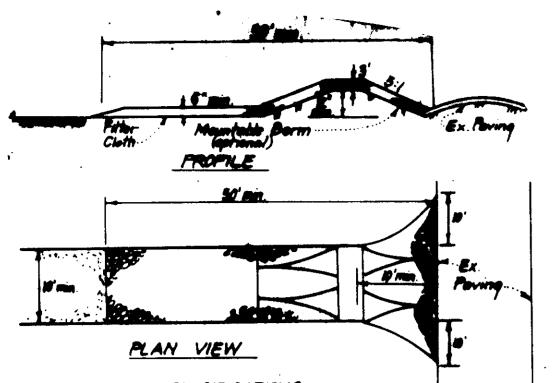
THE CONSTRUCTION PROJECT WILL MAVE A CERTIFICATE OF ATTENDANCE AT A SEPT OF MATURAL RESOURCES APPROVED TRAINING PROGRAM FOR

THE CONTROL OF REDWENT AND EROSION CONTROL REPORT BESIMBING THE PROJECT. I ALSO AUTHORIZE PERIORIS ON-SITE INSPECTION BY THE

STREET ADDRESS

10266 Roleigh Tavern Lane



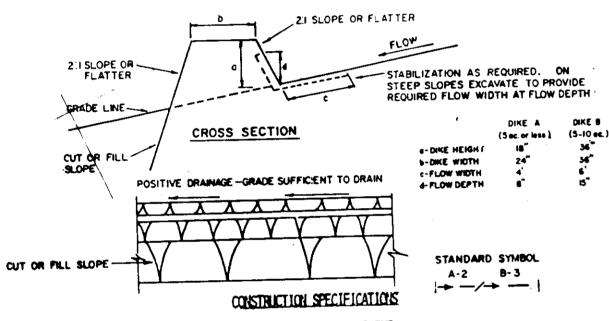


CONSTRUCTION SPECIFICATIONS:

- 1. Stone size -Use 2" stone, or reclaimed or recycled concrete equivalent. 2. Length - As required, but not less that 50 feet (excepter a single residence
- let where a 30 feet minimum langth would apply. 3. Thickness - Not less than six (6) inches.
- 4. Width Ten (10) feet minimum, but not less than the full width at points mbore increas or acress secure.
- 3. Fitter Cloth Will be placed over the entire area prior to placing of stane.

 Fitter will not be required on a single family residence by:
- 6. Surface Water All surface water flowing or disorted teased genetraction entrances shall be piped across the entrange. If piping is imprection, a mountable berm with 5: suppose will be permitted.
- 7. Maintenance The entrumes shall be maintened in a condition, which will prevent tracking or House of Sealment onto public rights -of-way. This may require periodic top decays with additional stone be conditions demand and repair and for cleanant of any measures used to trap sealment. All sealings to applied, drapped, weeked or tracked onto public rights -of-way houst be removed immediately.
- 8 Washing Wheels shall be cleaned to remove sediment prior to entrance anto politile matits of way When washing is real text to sha the some on an area histo zer with store are what is a serial action of the me 9 Periodic inspection and needed maintenance situates to be decided to the

STABILIZED CONSTRUCTION ENTRANCE (SCE)



ALL DIKES SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE

CROSSING BY CONSTRUCTION TRAFFIC.
FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. PUNOFF
SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT
BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT

6. STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER THE CHART BELOW.

FLOW CHANNEL STABILIZATION

TYPE OF		CHANNEL GRADE	DIKE A	DIKE B
1		.5-3.07	SEED AND STRAN MULCH	SEED AND STRAW MULCH
2		3.1-5.0%	SEED AND STRAW MULCH	SEED USING JUTE, OR EXCELSIOR; SOD; 2" STOR
3	 	5.1-8.0%	SEED WITH JUTE, OR SOD; 2" STONE	LINED RIP-RAP 4-8"
4		8.1-20%	LINED RIP-RAP 4-8"	Engineering Design
•	E TO BE	2 INCH STONE,	OR RECYCLED CONCRETE EQUIVALENT	IN A LAYER AT LEAST 3

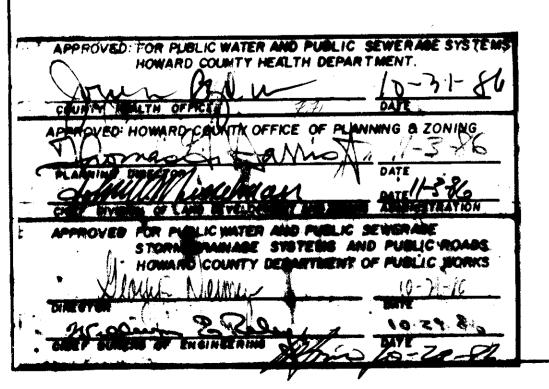
INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.

B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.

C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

EARTH DIKE



REVEWED FOR HOWARD S.C.D. AND MEETS' TECHNICAL MEQUIREMENTS with telm

U.S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL BROSION AND SERVICENT OCHTROL BY THE HOWARD SOIL COMPERVATION DIRTING

Affect a sentimene proof of energy sent (30° mm. metils by threat length page 2. Affect a sentimene proof of the sent (1000) and the sent of the sent of anniverse as 2. Affect a sent of the sent (1000) and the sent of the Sand bag of alternate weight 2 Min tongth of 244

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2 CARGAR 50

ECAR PAR 12

ASHTON III

OPTIONAL GAR SIZE,

ECAR GAR. 58

ECAR GAR SE I CAR GAR 50'

CHICAPTER IV

DEEMES MEGESSARY.

34 00

RANDOUPH

BARAGE

TYPICAL HOUSES

SIGNATURE OF PROBLEMEN / BUILDER

BROWNIGTON III

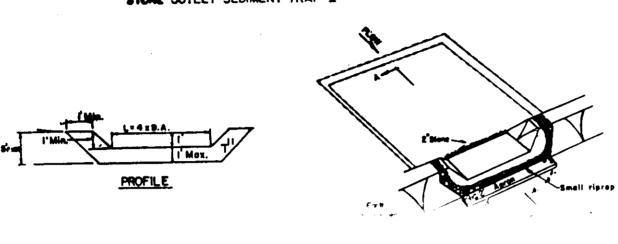
DEVELOPERS / BUILDER'S CERTIFICATE

INLET PROTECTION DETAIL (I.P.D.)

STONE JUTLET SEDIMENT TRAP Y

CURB INLET PROTECTION DETAIL

2"14" Spacer



OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

IPOSS SECTION AHA

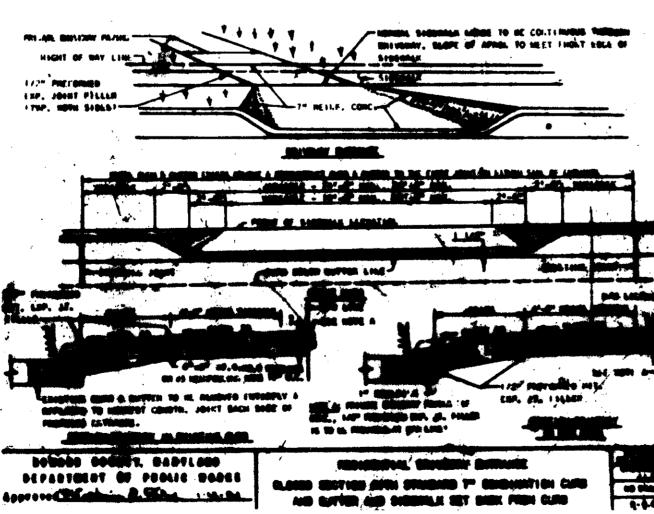
- CONSTRUCTION SPECIFICATIONS FOR ST-V

 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- 2. 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.
- 3. All cut and fill slopes shall be 2:1 or flatter.

Section 1 - 1 succepts for Replace 10 FW 201

- 4. The stone used in the outlet shall be small riprap 4"-8" along with a l' thickness of 2" aggregate placed on the up-grade side on the small riprap or embedded filter cloth in the
- 5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to is the design depth of the trap-
- 6. The structure shall be inspected after each rain and
- Construction operations shall be carried out in such a manner than eresion and water

APPROVE 10-6-86



PROPERTY CONTROL NOTES

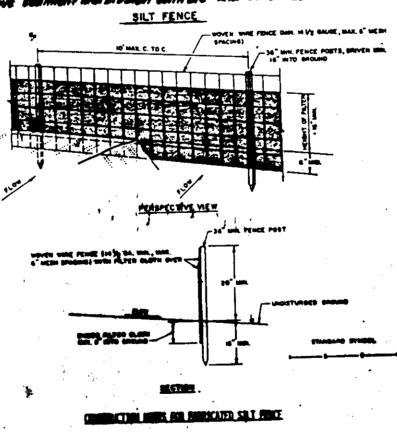
- A minimum of 24 hours notice must be given to the Movement County Office of Impraction and Permits prime to the start of may emistraction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) 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.
- 4) All sediment traps/basins shown must be fonced and warning signs posted around their perimeter in accordance with vol. 1, Chaper 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) 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 SEDEMENT 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.
- 6) 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 1.54 Acres Area Disturbed Area to be roofed or paved Q.M Acres Area to be vegetatively stabilised 6.60 Acres Total Cut Total Fill Offsite waste/borrow area Yocation

8) Any sediment control practice which is disturbed by

- the top to the transfers shall be requested by the expliction of the installation of regimeter erosion and sediment controls, but before priceeding 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.
- 11) If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented. N/A
- 12) All pipes to be blocked at the end of each day (see detail
- 13) The total amount of steam bala diles/silt fence squals 4/5 L.F.

CONSTRUCTION SEQUENCE:

- A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilise. B. Excavate for foundations and Rough Grade & Temperarily Mabilise. C. Construct Structures, Sidewalks and Driveways. D. Final Grade and stabilise in accordance with Stds. & Specs.
- E. Upon approval of the mediment control inspector, comme sediment and eromen controls and stabilize.



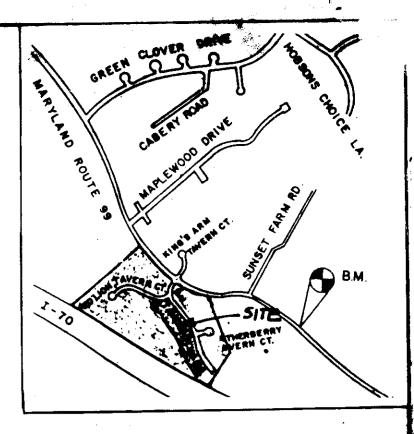
POSTS: STEEL & I THEN T OF U

PREFABRICATED UNIT: GEOFAE, principales, on Arribona court.

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 MATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION CONTROL BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SINE INSPECTION BY THE HOWARD SOIL CONSERNATION DISTRICT OF NEW AUTHORIZED ASENTS. AS

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRÉSENTS 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.

ENGINEERS CERTIFICATE



VICINITY MAP SCALE | = 1200

CENERAL NOTES

- 1. STORM WATER MANAGEMENT UNDER F 86-62
- HA) THE LAND INCLUDED IS ZONED R-20
- 2.) COORDINATES SHOWN ARE EXTENSIONS MADE FROM THE MARYLAND STATE PLAGE COORDINATE SYSTEM. BEARINGS REFER TO THE TRUE NORTH AND ARE BASED ON HOURINGS COUNTY GEODETIC SURVEY POINT NO.
- (3.) THE AREA COVERED IN THIS SUBMISSION IS LOCATED ON TAX MAP 17 4.) THE TOTAL AREA ON THIS PLAN IS 240,000 SO FT ...
- 5.) ALL ROADS ARE PUBLIC AND EXISTING
- 6) ANY DAMAGE TO COUNTY OWNED RIGHT- OF-WAYS SHALL BE CORRECTED AT THE
- DEVELOPERS EXPENCE. 7.) TOTAL NUMBER OF LOTS IN THIS SUBMISSION ARE 16
- &) STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION ILISH OF THE
- HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.

PRIMARY CEFEDING NOTES

The to establish a contribute as not to the firms frate trather distributes where a permanent long-lined vegetative cover is needed.

Seedbed 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 schedule

- 1) Preferred Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square 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).
- 2) 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 thre July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 1bs/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 11 to 2 tons per acre (70 to 90 lbs/1900 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/1600 eq ft) of emulaified asphale on flat areas. On slopes 6 feet or higher, use 348 gallons per sere (8 gal/1660 aq ft) for anchoring.

Matinenance - Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING MOTES

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, discing or ether acceptable means before seeding.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 eq fc)

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 all well anchored straw mulch and seed as soon as possible in the spring, or use sed.

Mulching: Apply 11 to 2 tons per acre (70 to 90 lbs/1000 aq ft) of unvetted small straw immediately after seeding. Anchor mulch immediately after application using inde anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flut areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 eq ft) for abshault

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SORE PROGRAM AND SEMENTARY CONTROL for rate and methods not covered.

	SUBDIVISION NAME MARKET SQUAR	RE 8007	H			ļ. <u> </u>
	MARKET SQUAR PLAT NO. OR L.F. BLK. N GG 34 + GG 96 7	O ZONE	TAX/	ZONE MAP	ELEC.DIS 2 ND.	CENSUS TR
•	WATER CODE (HO3	\		SEWER	CODE BOOO	
ENGINEERING LANDSCAPE DESIGN CONSTRUCTION CONTRACTI DEVELOPMENT COST	CTING TIB HICHWOOD DEVE				S	
PROPERTY DEVELOPMENT		785 - <i>00</i>				SCALE

SITE DEVELOPMENTA DESIGNED SEDIMENT CONTROL PLAN R.L.W. MARKET SQUARE DRAWN SOUTH LOTS 22-35 4 57, 30 (MIN) CHECKED R.L.W.

CREYBON HOMES INC. " BOOD CHEVROLET DOVE PURDIT OF MO.

1"= 30"

PLE NO.

SEC / AREA