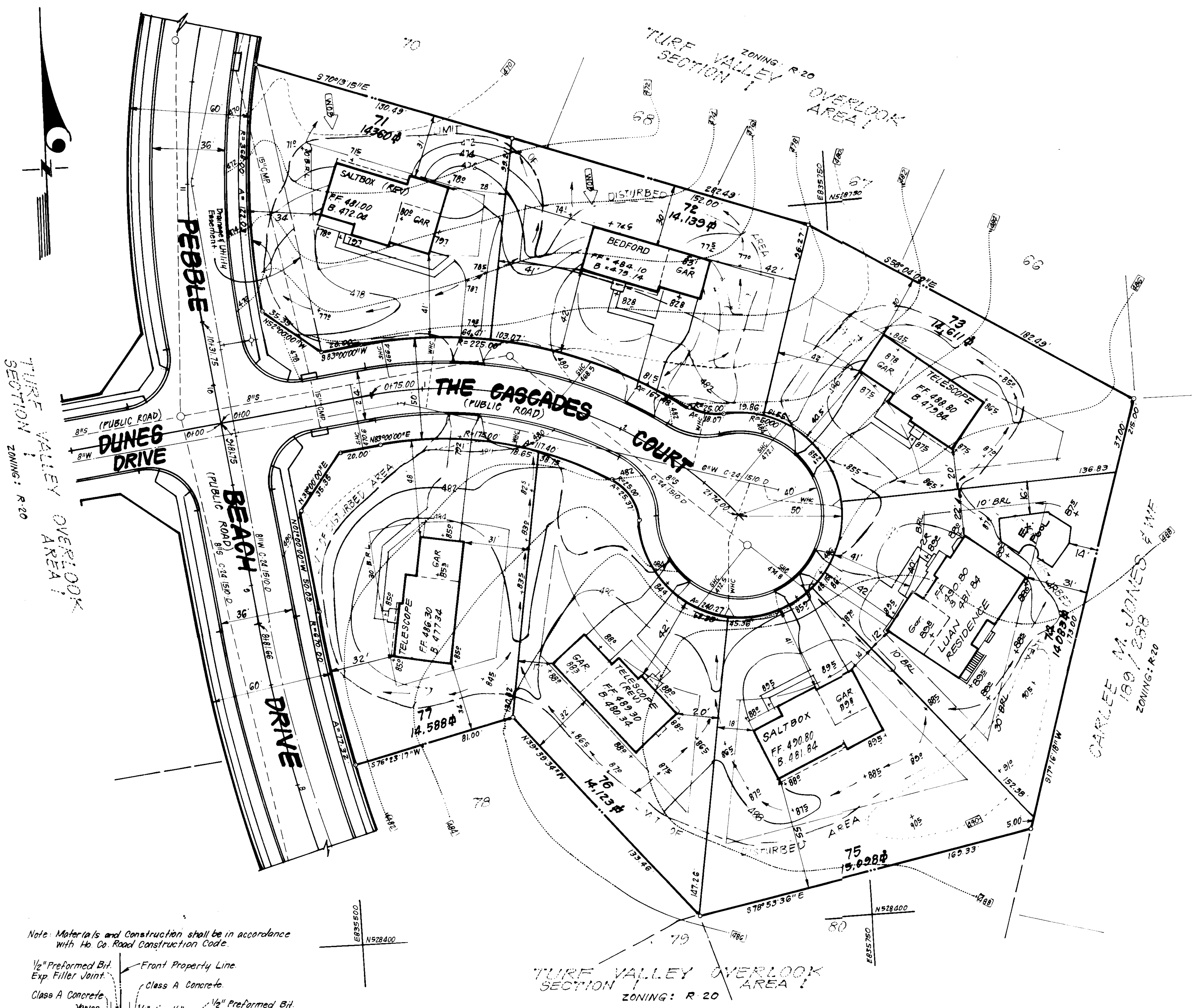
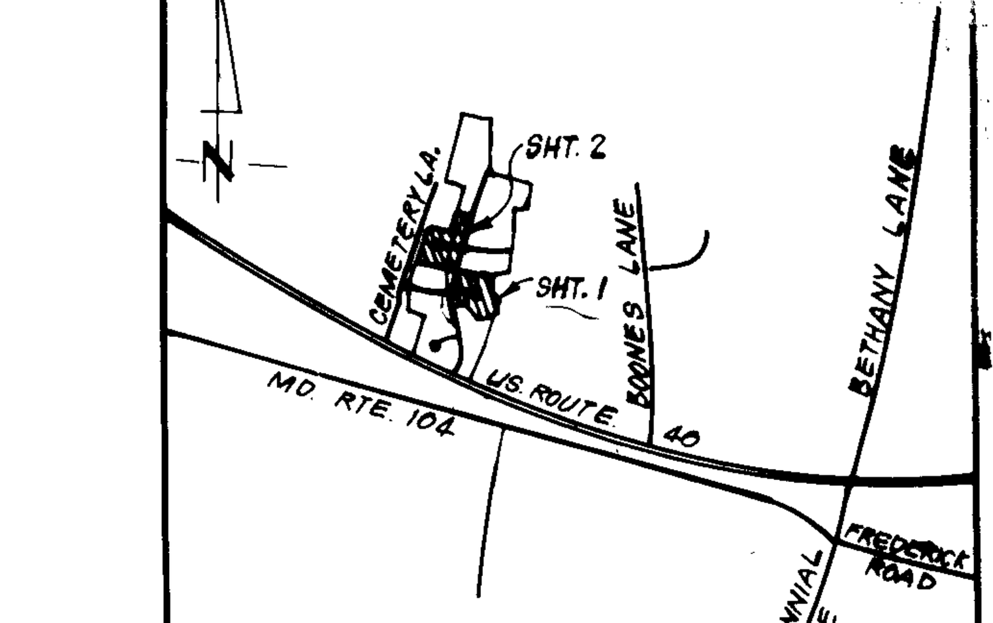




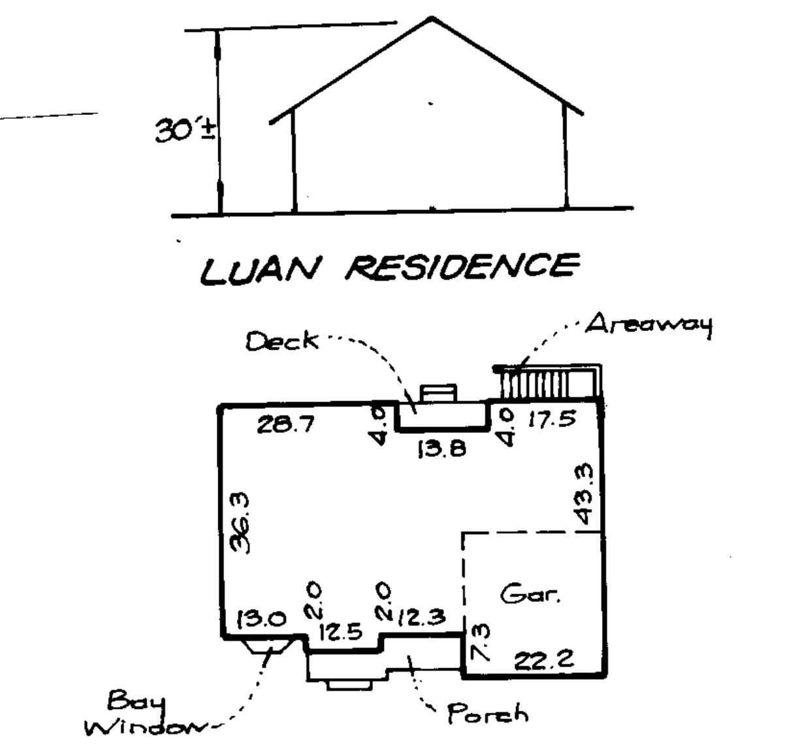
VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

1. The land included is zoned R-20 per 8-2-85 Comprehensive Zoning Plan.
2. Coordinates are based on Md. State Plane as projected by Ho. Co. Monuments # 3440001 & # 344 0002.
3. All roads are public and existing.
4. Any damage to county owned rights-of-way to be corrected at the Developer's expense.
5. Total Area included: 7.1812 Acres.
6. Total number of Lots: 21
7. The contractor or developer shall contact the Construction Inspection / Survey Division, 24 hrs in advance of commencement of work at 992-2417 or 992-2418.
8. Maximum Building Coverage: 30% Per Lot

SPECIAL NOTES

1. Approved Road Construction Plans shall be used for all public utilities.
2. Public water & sewer shown for reference only. For more detailed information - see water and sewer plans. Contract No. 24-1510-D.
3. The water and sewer house connections not included in a "Developer's Agreement" shall conform to Howard Co. Plumbing Code. The on-site W.H.C. shall be 1" copper and the S.H.C. shall be 4" iron.
4. Stormwater Management waived in accordance with previously approved Plan No. F-86-229.

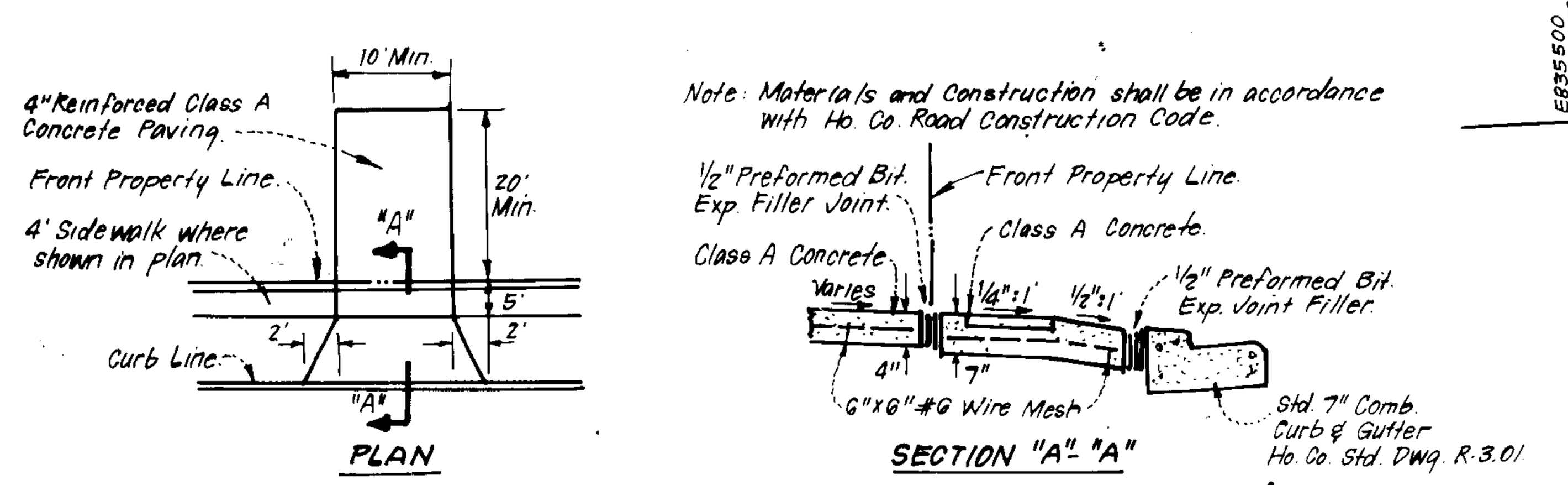


BUILDING RESTRICTION LINES
FRONT: 40 Min. (except where noted)
SIDE: 10' Min.
REAR: 30' Min.

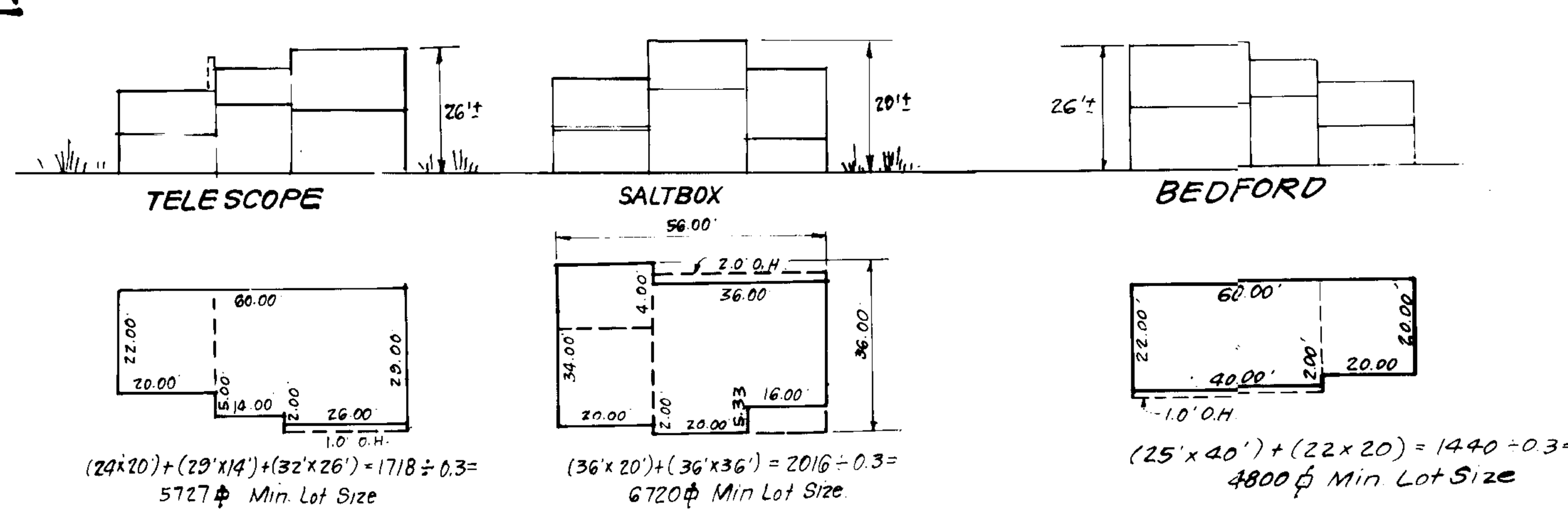
Lot No.	STREET ADDRESS
71	3103 The Cascades Court
72	3107 " " "
73	3111 " " "
74	3114 " " "
75	3110 " " "
76	3106 " " "
77	3102 " " "

LEGEND

1. Contour Interval — 2 Ft.
2. Existing Contour — 460 (dashed)
3. Proposed Contour — 460 (solid)
4. Spot Elevation — +605
5. Direction of Drainage — arrow
6. Walk-Out Basement — WOB



DRIVEWAY ABUTTING STD. 7" COMB. CURB & GUTTER
NO SCALE



TYPICAL HOUSES
Scale: 1"=30'
Note: All Units have 12" Roof Eaves Front & Rear.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[signature] — COUNTY HEALTH OFFICER — DATE 2-9-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[signature] — PLANNING DIRECTOR — DATE 2-10-87
[signature] — CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-10-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[signature] — DIRECTOR — DATE
[signature] — CHIEF BUREAU OF ENGINEERING — DATE 2-5-87

1-12-87
[signature]

Nº	REVISION	Date
1	Revise house and grade lot 74, Add hse. type	8-4-94

[Seal: STATE OF MARYLAND — DONALD B. SACKETT — NO 6059 — REGISTERED PROFESSIONAL LAND SURVEYOR] [signature]

OWNER/DEVELOPER	SUBDIVISION NAME	SECT./AREA	LOTS
Peddicord Property Partnership % Howard County Land Services 10176 Baltimore National Pike Ellicott City, Md. 21043	TURF VALLEY OVERLOOK	1/1	25-38 71-77

PLAT No.	BLOCK No.	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR.
7036-7038	24	R-20	16	2ND	6022

WATER CODE	SEWER CODE
H07	5992000

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED: DBS CMS
DRAWN: KIW
CHECKED: CMS
DATE: 12-8-86

SITE DEVELOPMENT PLAN
LOTS 25-38 AND 71-77

TURF VALLEY OVERLOOK

SECTION 1 AREA 1
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: FIRETTI BUILDERS, INC.
10176 Baltimore National Pike #205
Ellicott City, Md. 21043

SCALE: 1"=30'
DRAWING: 1 of 5
JOB NO.: 86-121
FILE NO.: 86-121-X

SDP-87-109

Lot No.	STREET ADDRESS
25	3058 Pebble Beach Drive
26	3005 Ponte Verda Court
27	3009 " " "
28	3013 " " "
29	3017 " " "
30	3016 " " "
31	3012 " " "
32	3008 " " "
33	3004 " " "
34	3000 Ponte Verda Court
35	3046 Pebble Beach Drive
36	3042 " " "
37	3038 " " "
38	3034 Pebble Beach Drive

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

[signature] 2-9-87
COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

[signature] 2-10-87
PLANNING DIRECTOR — DATE

[signature] 2-10-97
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[signature] [illegible]
DIRECTOR — DATE

[signature] 2-5-87
CHIEF BUREAU OF ENGINEERING — DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY, [illegible]
DATE 1-12-87

CFS

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED: DBS CMS
DRAWN: KIW
CHECKED: CMS
DATE: 12-8-[illegible]

SITE DEVELOPMENT PLAN
LOTS 25-38 AND 71-77

TURF VALLEY OVERLOOK

SECTION I AREA I
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

[illegible] FIRETT BUILDERS, INC
10[illegible] Baltimore National Pike #205
Ellicott City, Md. 21043

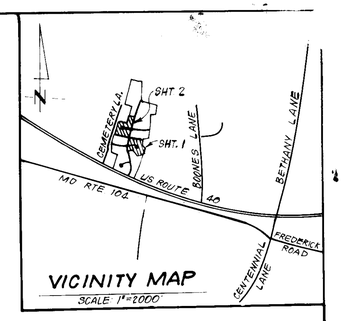
SCALE: 1" = 30'
DRAWING: 2 OF 5
JOB NO.: 86-121
FILE NO.: 86-121-X

SDP-87-109

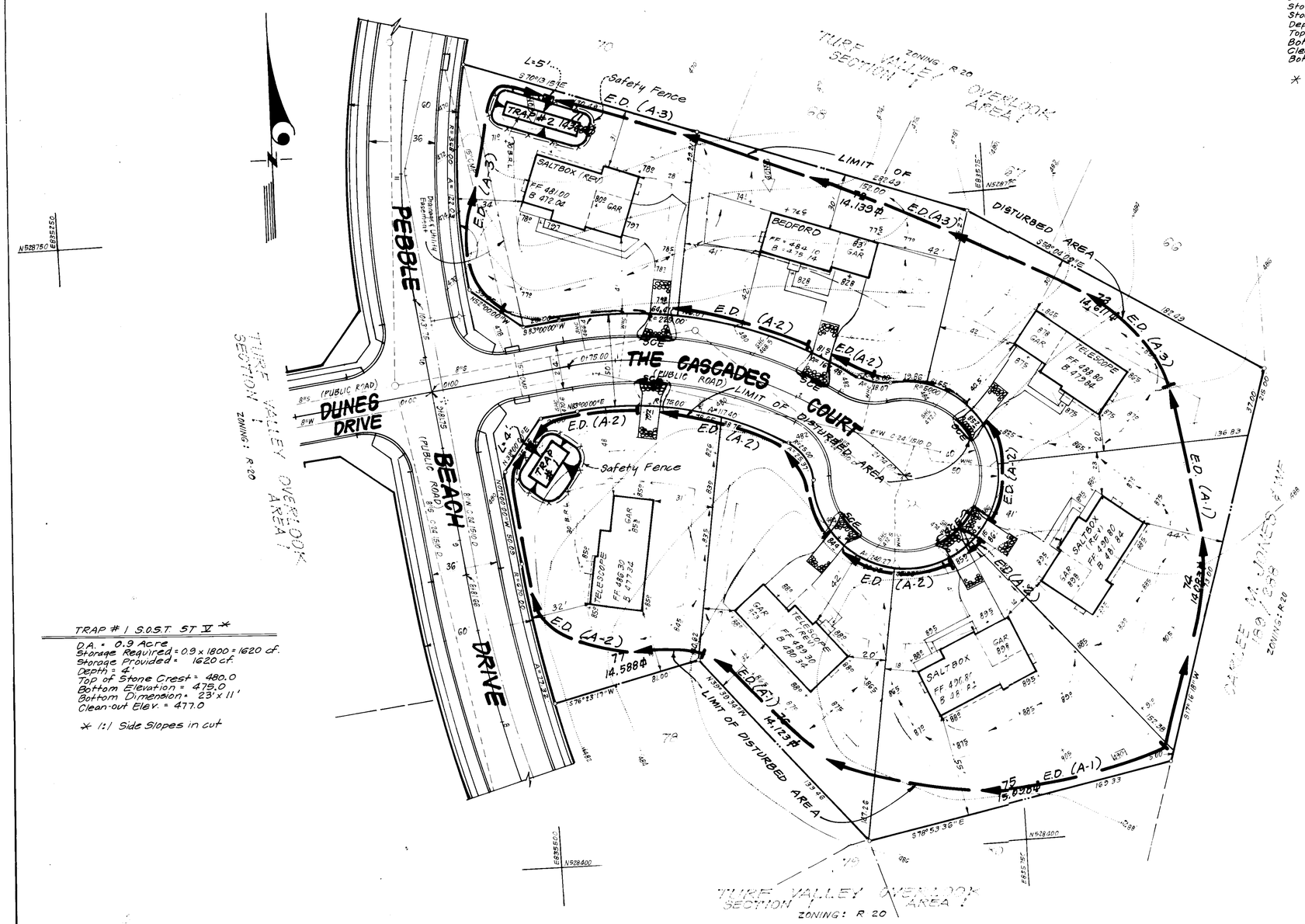
TRAP #2 S.O.S.T. ST V *

D.A. = 1.1 Acres
Storage Required = 1.1 x 1800 = 1980 cf.
Storage Provided = 1980 cf.
Depth = 4'
Top of Stone Crest = 470.0
Bottom Elev. = 466.0
Clean-out Elev. = 467.0
Bottom Dimensions = 41' x 7'

* 1:1 Side Slopes in cut.



VICINITY MAP
SCALE 1"=2000'



TRAP #1 S.O.S.T. ST V *

D.A. = 0.9 Acre
Storage Required = 0.9 x 1800 = 1620 cf.
Storage Provided = 1620 cf.
Depth = 4'
Top of Stone Crest = 480.0
Bottom Elevation = 475.0
Bottom Dimension = 23' x 11'
Clean-out Elev. = 477.0

* 1:1 Side Slopes in cut

LEGEND

1. Contour Interval — 2 Ft
2. Existing Contour — 460
3. Proposed Contour — 460
4. Spot Elevation — +605
5. Direction of Drainage
6. Walk Out Basement — WOB
7. Earth Dike — E.D.(A-2)
8. Straw Bale Dike or Silt Fence — SBD/S
9. Stabilized Construction Entrance — SCE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 2-9-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 2-10-87
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-10-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 2-5-87
CHIEF BUREAU OF ENGINEERING — DATE 2-5-87

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY
DATE 1-12-87

Reviewed for HOWARD SCD and meets technical requirements
Signature — Date
U.S. Soil Conservation Service

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

Stephen E. Hunter 4/2/87
Approved — Date

I/We certify that all clearing, grading, construction and development will be done pursuant to this plan and that responsible personnel involved in the construction project will have a Certificate of Attendance at a Soil Erosion and Sediment Control Course approved by the Howard Soil Conservation District. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents.

Signature of Owner/Developer — 12-8-86 Date

ENGINEER'S CERTIFICATE

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

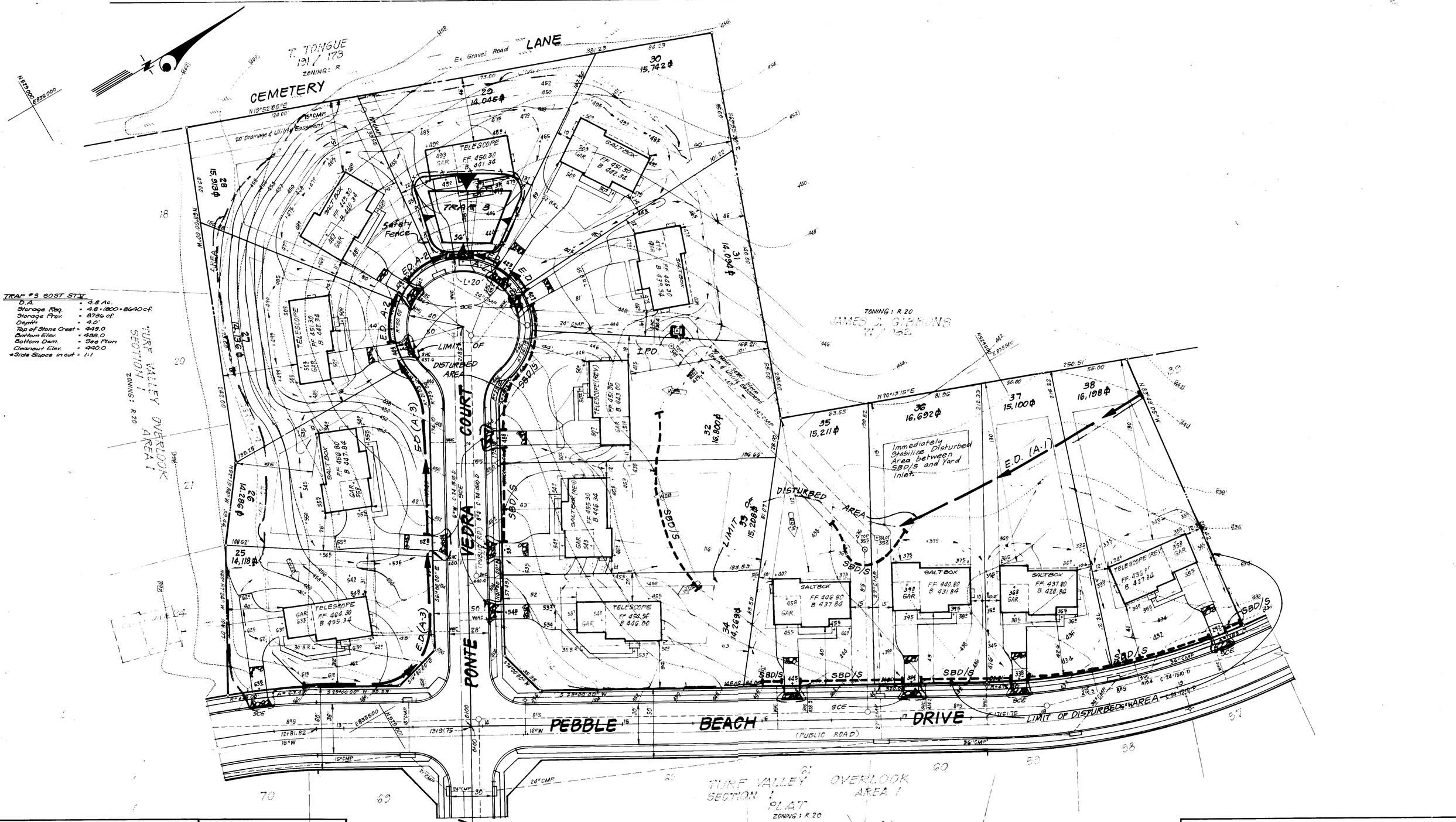
Jeffrey L. Smith — 12-8-86 Date

OWNER/DEVELOPER: Peddicord Property Partnership c/o Howard County Land Services 10176 Baltimore National Pike Ellicott City, Md 21043	SUBDIVISION NAME: TURF VALLEY OVERLOOK			SECT/AREA 1/1		LOTS 25-38 71-77	
	PLAT No. 7036-7038	BLOCK No 24	ZONE R-20	TAX/ZONE MAP 17	ELEC DIST 2ND	CENSUS TR 6022	
	WATER CODE 407			SEWER CODE 5990000			

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED JLS	SEDIMENT AND EROSION CONTROL PLAN LOTS 25-38 AND 71-77	SCALE 1"=30'
DRAWN KW	TURF VALLEY OVERLOOK SECTION 1 AREA 1	DRAWING 3 OF 5
CHECKED VLM	2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 86121
DATE 12-8-86	FOR: FIRETTI BUILDERS, INC 10176 Baltimore National Pike #205 Ellicott City, Md 21043	FILE NO. 86121SE

SDP-87-109



TRAP #3 SOIST STW

D.A.	= 4.8 Ac.
Storage Req.	= 4.8 x 1800 = 8640 c.f.
Storage Prov.	= 8736 c.f.
Depth	= 4.0'
Top of Stone Crest	= 449.0
Bottom Elev.	= 438.0
Bottom Diam.	= See Plan
Clearout Elev.	= 440.0
*Side Slopes in cut	= 1:1

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 2-9-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 2-10-87
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-10-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 2-5-87
CHIEF BUREAU OF ENGINEERING — DATE 2.5.87

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY PLANNING BOARD
DATE 1-12-87

Reviewed for HOWARD SCD
and meets Technical Requirements
Date

Approved — Date

Erosion site inspection authorized
Signature — 12-8-86 Date

ENGINEER'S CERTIFICATE
I hereby certify that this plan for erosion and sediment control and stormwater management is in accordance with the requirements of the Howard Soil Conservation District.
Jeffrey L. Schaaf — 12-8-86 Date

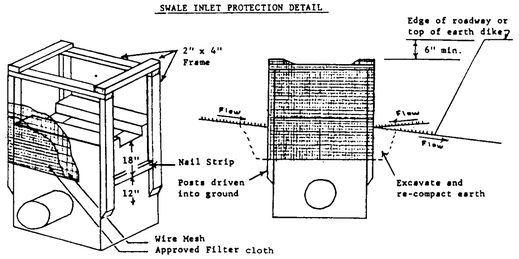
CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400

DESIGNED JLS	SCALE 1" = 30'
DRAWN VLM KIW	DRAWING 4 OF 5
CHECKED JLS	JOB NO. 86-121
DATE 12-8-86	FILE NO. 86-121-SE

SEDIMENT AND EROSION CONTROL PLAN
LOTS 25-38 AND 71-77
TURF VALLEY OVERLOOK
SECTION 1 AREA 1
2ND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: FIRETTI BUILDERS, INC
10176 Baltimore National Pike #205
Ellicott City, MD 21043

SDP-87-109

SWALE INLET PROTECTION DETAIL



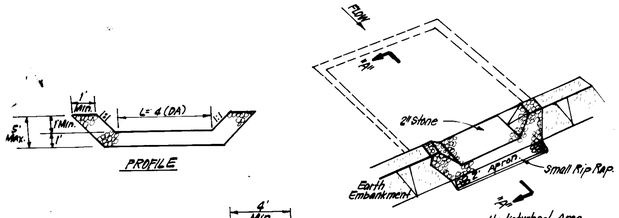
STANDARD SYMBOL

CONSTRUCTION SPECIFICATIONS:

I. MATERIALS: A. Wooden frame is to be constructed of 2"x3" construction grade lumber.
B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it.
C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, EOS, 40-85, to allow sufficient passage of water and removal of sediment.
D. Stone is to be 2" in size and clean, since fines would clog the cloth.

II. PROCEDURE: SWALE, DITCHLINE OR YARD INLET PROTECTION

1. Excavate completely around inlet to a depth of 18" below notch elevation.
2. Drive 2x4 post 1' into ground at four corners of inlet. Place nail strips between posts on ends of inlet. Assemble top portion of 2x4 frame using overlap joint shown. Top of frame (weir) must be 6" below edge of roadway adjacent to inlet.
3. Stretch wire mesh tightly around frame and fasten securely. Ends must meet at post.
4. Stretch filter cloth tightly over wire mesh, the cloth must extend from top of frame to 18" below inlet notch elev. Fasten securely to frame. Ends must meet at post, be overlapped and folded, then fastened down.
5. Backfill around inlet in compacted 6" layers until layer of earth is even with notch elevation on ends and top elevation on sides.
6. If the inlet is not in a low point, construct a compacted earth dike in the ditch line below it. The top of this earth dike is to be at least 6" higher than the top of frame (weir).
7. The structure must be inspected frequently and filter fabric replaced when clogged.



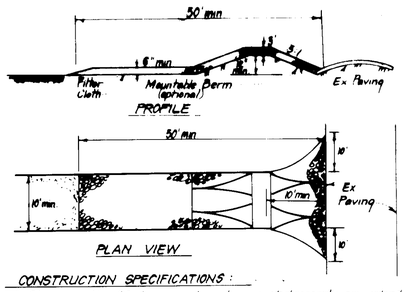
OPTION: A 1' layer of 2" Stone may be placed on the upstream side of the rip rap in place of embedded filter cloth.

CONSTRUCTION SPECIFICATIONS:

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The 1' min. area shall be cleared.
2. The fill material for the embankment shall be free of rocks 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.
4. The stone used in the outlet shall be small rip rap 4"-8" along with 1' thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth in the rip rap.
5. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to ½ the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner than erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.S.T.) ST-V.

NO SCALE

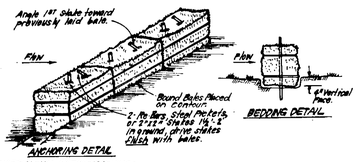


CONSTRUCTION SPECIFICATIONS:

1. Stone size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply.
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. 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 cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. 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.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)

NO SCALE

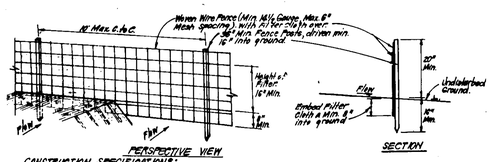


CONSTRUCTION SPECIFICATIONS:

1. Bales shall be placed at the toe of a slope or on the contour and in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a min. of 4" and placed so the bindings are horizontal.
3. Bales shall be securely anchored in place by either 2 stakes or re-bars driven thru the bale. The 1st stake in each bale shall be driven toward the previously laid bale at an angle to pierce the bales together. Stakes shall be driven flush with the bale.
4. Inspection shall be frequent and repair replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their use/fulness so as not to block or impede storm flow or drainage.

STRAW BALE DIKE DETAIL (SBD)

NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 8½' at top and mid section.
3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and folded.
4. Maintenance shall be performed as needed and material removed when ½ bulge develops in silt fence.

POSTS: Steel either T or U Type or 2" x 2" Hard wood
FENCE: Woven Wire, 14½ Gauge, 6" Max. Mesh Opening
FILTER CLOTH: Filter X, Mirafi 100X, Stabilinka, T140N or Approv. equal
PREFABRICATED UNIT: GeoFab, Enviofence, or Approv. equal

SILT FENCE DETAIL (SF)

NO SCALE

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, discing or other acceptable means before seeding.

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

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 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 1½ 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 flac 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 reseedings.

TEMPORARY SEEDING NOTES

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

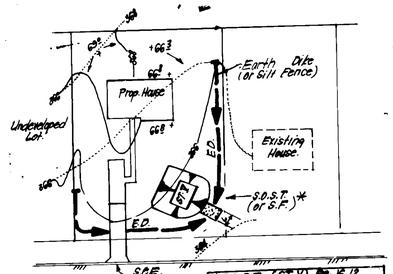
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

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 2½ 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 1½ 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.



W.S.O.S.T. (S.F.-V)	Reg. Ac.	
LOT SIZE	¼ Ac	½ Ac
Depth	2'	3'
Bot. Length	11'	26'
Bot. Width	2'	2'
Bot. Area	10 ft²	26 ft²

+ can be adjusted in field, but bottom area must be as given or greater

* NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing a sediment trap

SINGLE LOT SEDIMENT CONTROL PLAN

NO SCALE

CONSTRUCTION SEQUENCE

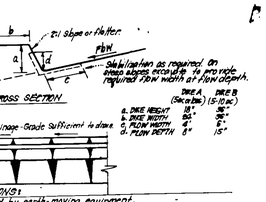
1.	Obtain Grading Permit	2 Days
2.	Install Sediment & Erosion Control Measures	14 Days
3.	Clear & Rough Grade Site	30 Days
4.	Construct houses, driveways and walks except on Lot 29.	180 Days
5.	Fine grade & stabilize all other disturbed areas on site in accordance with stds. & specs.	30 Days
6.	Upon approval of the Sediment & Erosion Control Inspector, remove sediment & erosion control measures and stabilize	14 Days
7.	Install Single Lot sediment control for Lot 29 and construct house, driveway and walks	60 Days
8.	Fine grade and stabilize disturbed areas on site in accordance with Stds. & Specs.	14 Days
9.	Upon approval of the sediment control inspector, remove sediment & erosion control measures & stabilize	14 Days

SEDIMENT CONTROL NOTES

1) A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
2) 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 fenced 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 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.
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	7.18±	Acres
Area Disturbed	5.82±	Acres
Area to be roofed or paved	1.34±	Acres
Area to be vegetatively stabilized	4.48±	Acres
Total Cut	8490	Cu. yds
Total Fill	8800	Cu. yds
Offsite waste/borrow area location	N/A	

8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9) Additional sediment control must be provided, if deemed necessary by the Howard County DPW sediment control inspector.
10) 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.
11) If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
12) All pipes to be blocked at the end of each day (see detail below). N/A
13) The total amount of straw bale dikes/silt fence equals 705 L.F.



	DIKE A (Scale: 1")	DIKE B (Scale: 1")
a. DIKE HEIGHT	18"	36"
b. DIKE WIDTH	30"	42"
c. FLOW WIDTH	4'	6'
d. FLOW DEPTH	8"	18"

CONSTRUCTION SPECIFICATIONS:

1. ALL DIKES shall be constructed by earth-moving equipment.
2. All dikes shall have positive drainage to an outlet.
3. Top width may be wider and side slopes may be flatter if desired, to facilitate crossing by construction traffic.
4. Field location should be adjusted, as needed to utilize a stabilized earth outlet. Dikes shall be surveyed 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 adequately stabilized.
5. 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 chart below.

FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1.	0.5-5.0%	Seed & Straw Mulch	Seed or Straw Mulch
2.	5.1- 8.0%	Seed & Straw Mulch	Seed w/Mulr, or Excelsior Mat, 2" Stone
3	5.1- 8.0%	Seed w/Mulr, or Mat, 2" Stone	Lined w/ Rip Rap 2"-8" Stone
4.	8.1- 20.0%	Lined w/ Rip Rap 4"-8" Stone	Engineering Design

A. Stone to be 2" Stone, or recycled concrete equivalent, in a layer at least 3" thick, and be pressed into soil with construction equipment.
B. Rip Rap to be 4"-8" in a layer at least 8" thick, pressed into soil.
C. Approved equivalents can be substituted for any of the above materials.

6. Periodic inspection and required maintenance must be provided after each rain.

EARTH DIKE DETAIL (E.D.)

NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 2-9-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 2-10-87
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 2-10-87

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 2-5-87
CHIEF BUREAU OF ENGINEERING — DATE 2-5-87

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 1-12-87

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
Signature — Date
U.S. Soil Conservation Service

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

Approved — Date

I/We certify that all development and construction will be done according to this plan and that all responsible personnel involved in the construction project will have a certificate of attendance at a Howard Soil Conservation District approved training program for the control of sediment and erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents.

Signature of Developer/Builder — 12-8-86 Date

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion control represents a practical and workable plan based on my personal knowledge of the conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Jeffrey L. Schaffer — 12-8-86 Date

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 989-2400

DESIGNED JLS	SEDIMENT AND EROSION CONTROL PLAN LOTS 25-38 AND 71-77
DRAWN VLM KIW	TURF VALLEY OVERLOOK SECTION 1 AREA 1 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
CHECKED JLS	
DATE 12-8-86	FOR FIRETTI BUILDERS, INC. 10176 Baltimore National Pike #205 Ellicott City, Maryland 21043
SCALE	1"=30'
DRAWING	5 of 6
JOB NO.	86-121
FILE NO.	86-121-SE

SDP-87-109