

TYPICAL HOUSES
Scale: 1" = 30'

TYPICAL RETAINING WALL

DRIVEWAY ABUTTING CLOSED SECTION WITH STR 7" COMB CURB & GUTTER & SIDEWALK SET BACK FROM CURB

LEGEND

Contour Interval	2 FT
Existing Contour	---(10)---
Proposed Contour	---(40)---
Spot Elevation	+10.2
Direction of Drainage	→
Walk out Basement	---(W)---
Trees to be Saved	(Tree Symbol)

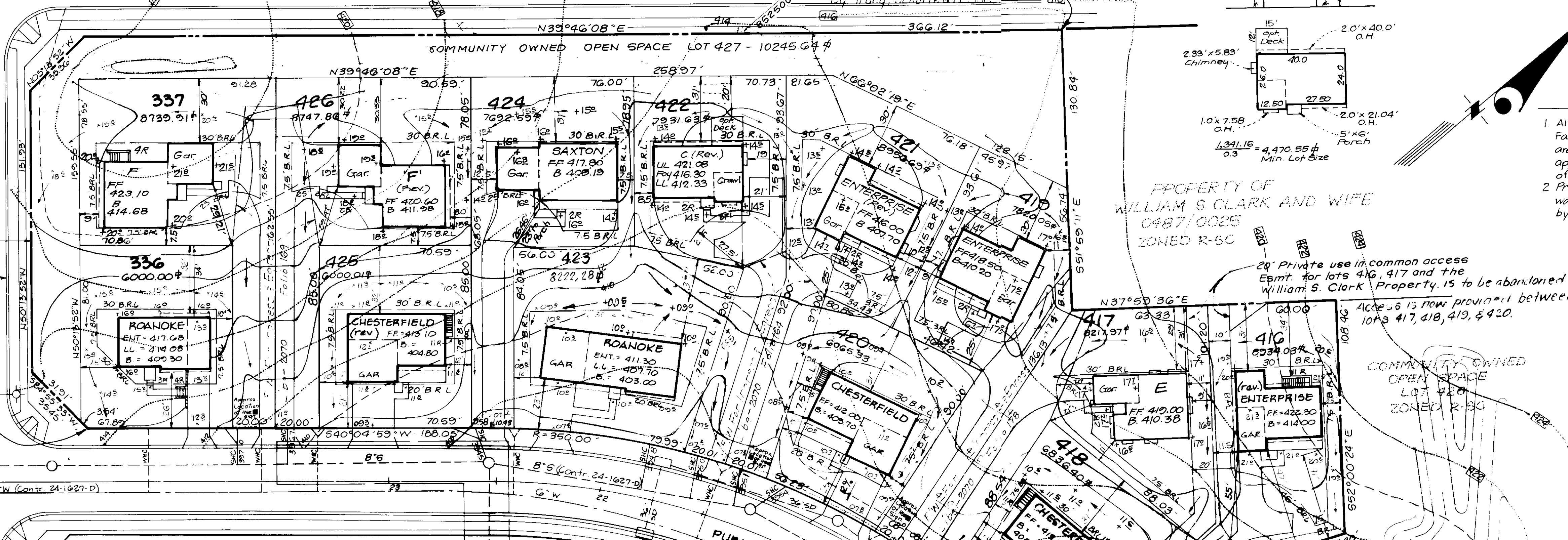
SPECIAL NOTES

- All Road Construction, Storm Drainage Facilities and Public Water & Sewer are shown for reference only. Use approved No Go Plans for all phases of construction.
- Proposed berm on Open Space Lot 427 was revised as per field run topography by Clark, Finerock & Sackett, Inc.

GENERAL NOTES

- Subject property zoned R-6C per 8-2-85 comprehensive zoning plan.
- All coordinates herein are based on the Maryland State Grid System.
- The coordinates originated with Howard County Geodetic Control Point No. 3043001-R and 3043002-R.
- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipe stem and road right-of-way line and not the flag or pipestem lot driveway.
- Total Number of lots: 12
- Topography taken from plans by Tracy, Schulte & Associates Inc
- Maximum lot coverage allowed is 8
- All roads are public and existing.
- Improvement of Property: Single Family Density Units.
- Total Area of Site: 2.453 Acres
- See Howard County files: VP 88-54, S 88-08, P 88-34 & F 88-07, F W P 88-54, F 88-03
- Stormwater Management is provided under Long Gate 2/2 F-87-197.
- Single Car Garages are to be used for parking only as per section 127B 2-b (1B) of the Howard County Regulations.

WHEATFIELD WAY (PUBLIC ROAD)
VEHICULAR INGRESS & EGRESS RESTRICTED



MINIMUM LOT SIZE CHART

NO.	LOT AREA	FLAGSTEM AREA	MINIMUM LOT SIZE
337	8739.51*	1700.00*	7099.51*
416	8034.03*	1625.04*	6235.04*
417	8217.97*	1763.10*	6454.87*
419	7620.05*	1792.87*	6027.68*
421	8756.60*	1792.37*	7164.32*
422	7981.65*	1792.37*	6159.80*
424	7692.59*	1692.59*	6000.00*
426	8747.86*	1700.00*	7047.86*

ADDRESS CHART

LOT	STREET ADDRESS
336	4417 ROLLING MEADOWS
337	4421
415	4411 ROLLING MEADOWS
416	4411
417	4411
418	4411
419	4411
420	4411
421	4411
422	4411
423	4411
424	4411
425	4411
426	4411

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE: 9-19-89
J.R.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 10-23-89

REVISIONS

NO.	REVISIONS	DATE
7	Rev. hse. f 2nd lot 337	11-29-83
6	Rev. hse. f 2nd lot 426, Add hse. typical	2-1-83
5	Rev. hse. f 2nd lot 422, Add hse. typical	7-30-83
4	Rev. hse. f 2nd lots 337, 417, 422, 424, 426	1-19-83
3	Rev. berm on Open Space Lot 427 as per field run topo	11-30-82
2	Rev. hse. f 2nd lots 419 & 421	2-27-82
1	Rev. hse. f 2nd lot 415	5-29-81



CLARK • FINEROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 • BALTO. • (301) 821-8300 • WASH.

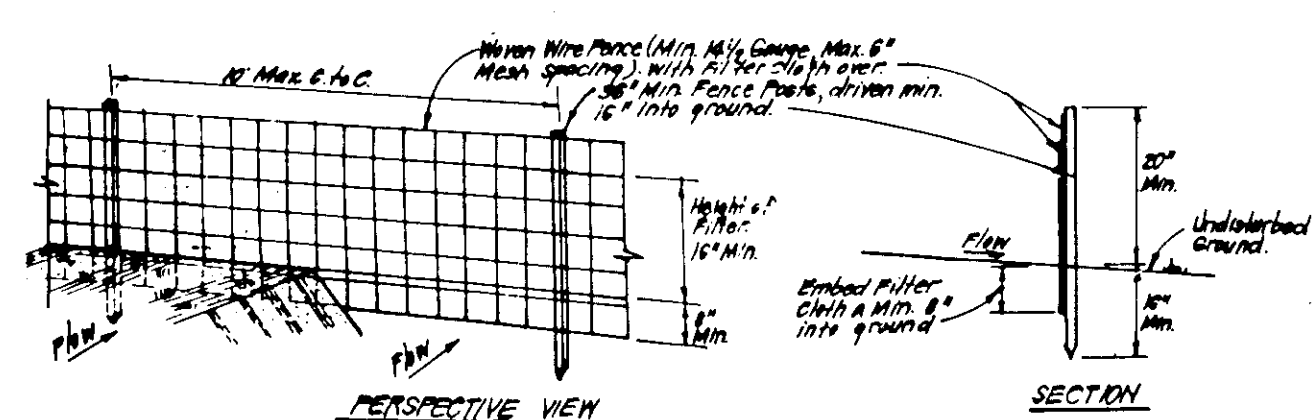
SITE DEVELOPMENT PLAN
SECTION 2, AREA 2, LOTS 415-426
SECTION 3, AREA 1, LOTS 336-337

LONG GATE
2nd Election District
Howard County, Maryland

OWNER/DEVELOPER: Security Development Corp
10 Bldg 417
Ft. Detrick, Md 21740

DATE: 10-23-89

SCALE: 1" = 30'
DRAWING: JOB NO 87-102
FILE NO: 87-102



CONSTRUCTION SPECIFICATIONS:

1. Heavy wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to heavy wire fence with ties spaced every 36" at top and mid section.
3. When 2 sections of filter cloth begin each other they shall be fastened by 6" and 12" staples.
4. Maintenance shall be performed as needed and material removed when "blow" develops in Silt Fence.

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, if not previously loosened.

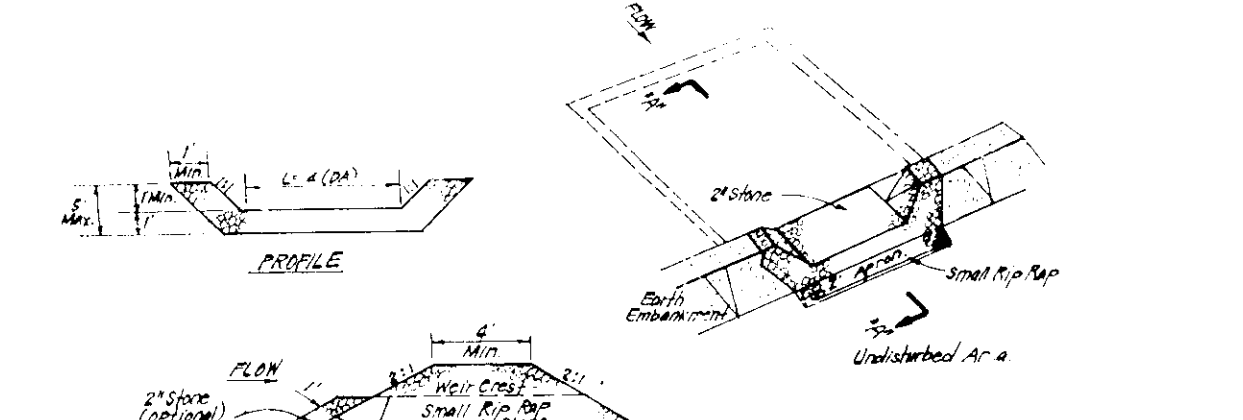
Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 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. 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 (0.5 lbs/1000 sq ft) of creeping 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 untreated 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 368 gallons per acre (8 gal/1000 sq ft) for anchoring.

Maintenance: Inspect all seeded areas and make needed repairs, replacements and reseedings.

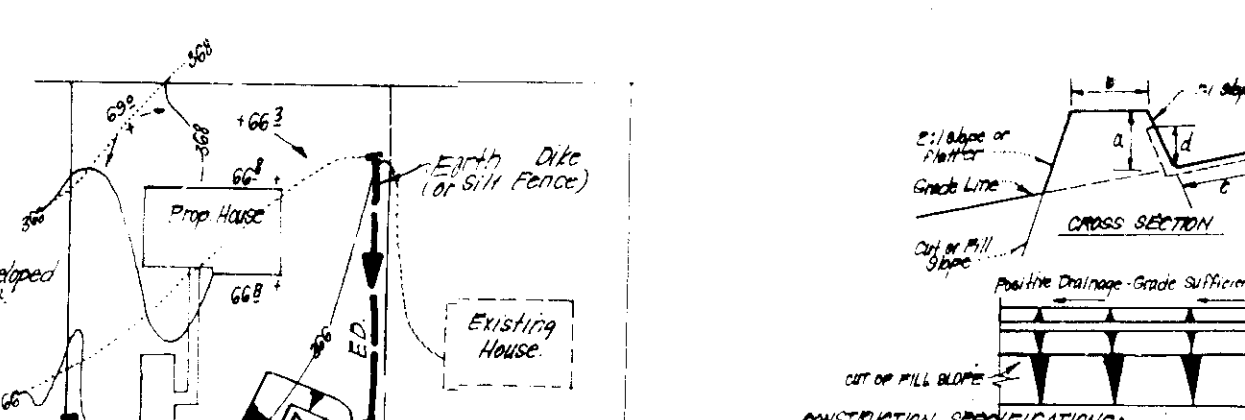


CONSTRUCTION SPECIFICATIONS:

1. Trap structure shall be constructed of concrete or masonry and shall be finished with a smooth surface.
2. The trap shall be constructed on a firm, level base of compacted earth or concrete.
3. The stone outlet shall be constructed of 12" diameter stone with a 1/2" gap between stones.
4. The trap shall be constructed with a minimum depth of 24" and a minimum width of 24".
5. The trap shall be constructed with a minimum length of 24".
6. The trap shall be constructed with a minimum height of 24".
7. The trap shall be constructed with a minimum slope of 1:1.
8. The trap shall be constructed with a minimum clearance of 24" from the ground.
9. The trap shall be constructed with a minimum clearance of 24" from the structure.
10. The trap shall be constructed with a minimum clearance of 24" from the driveway.

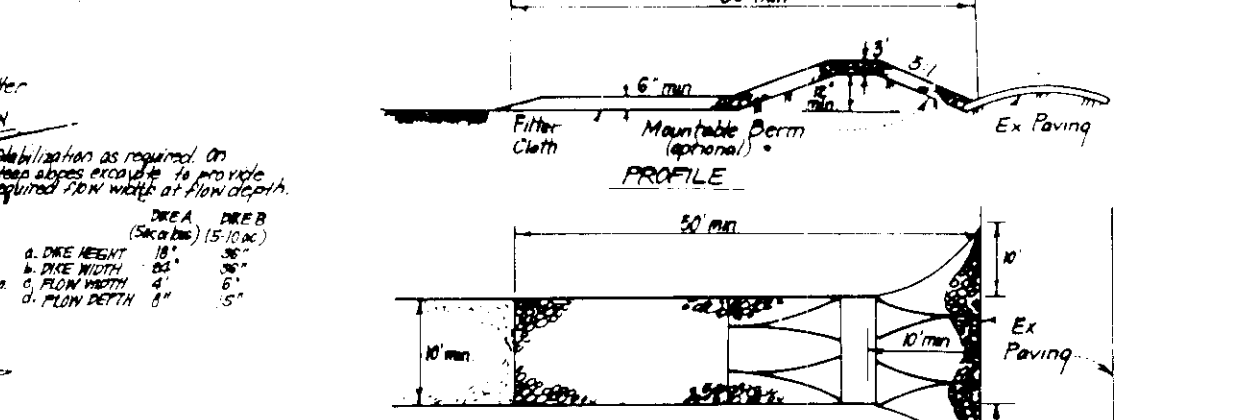
CONSTRUCTION SPECIFICATIONS:

1. Stone size - Use 2" stone or rounded or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a simple residence of less than a 1/2 acre maximum length 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 where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a simple family residence lot.
6. Surface Water - All surface water flowing on graded areas constructed and/or maintained in accordance with this plan shall be directed to the trap and shall be discharged into the drainage area. All sediment applied during grading, seeding or other construction activities shall be removed from the site and disposed of in an approved manner.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic fogging with additional stone or sand. The trap shall be inspected after each rain and repairs made as needed. The trap shall be inspected after each rain and repairs made as needed. The trap shall be inspected after each rain and repairs made as needed.
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 at an area established with the owner and which complies with an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.



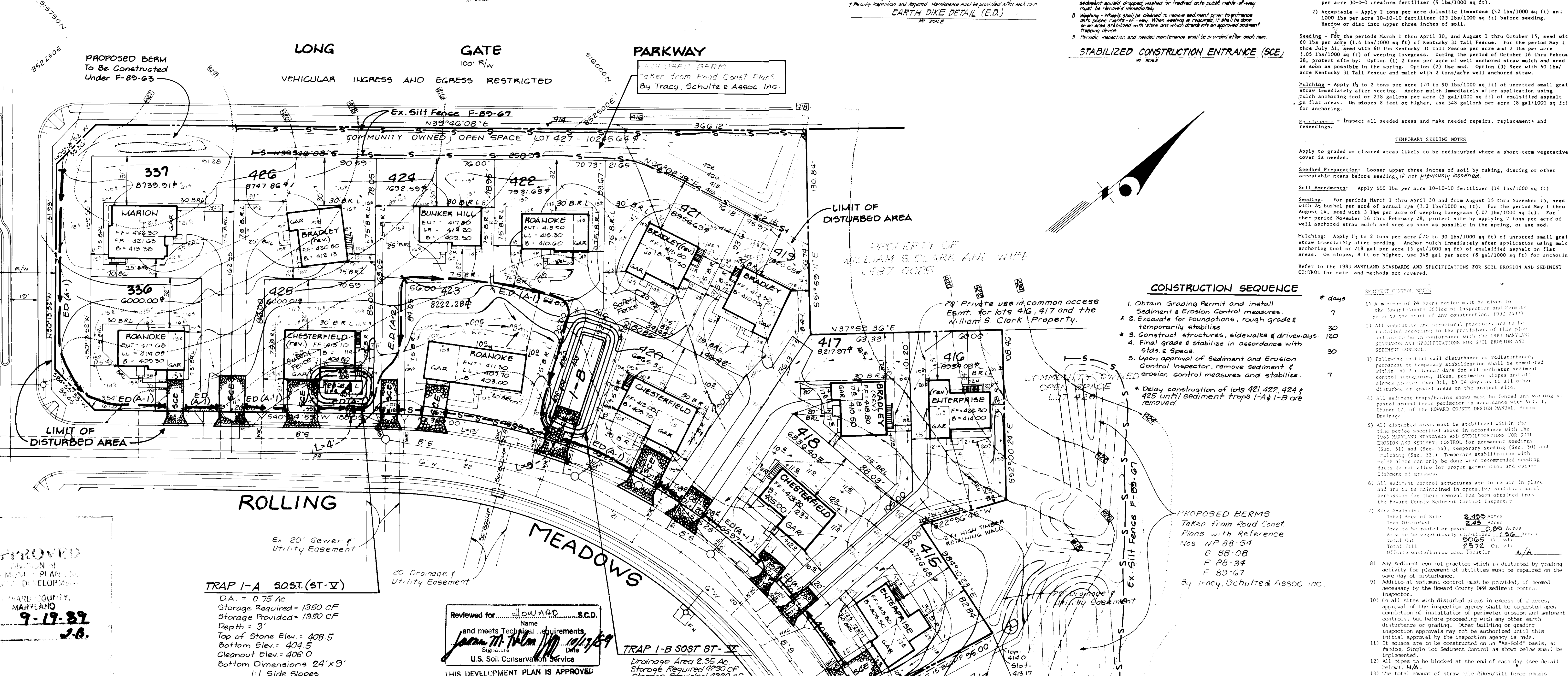
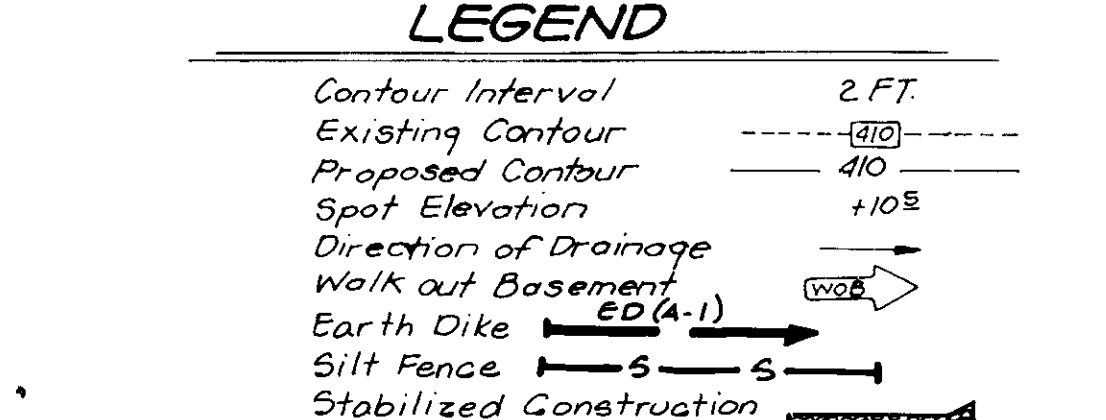
CONSTRUCTION SPECIFICATIONS:

1. All dikes shall be constructed by earth-moving equipment.
2. The dike shall be constructed on a firm, level base of compacted earth or concrete.
3. The dike shall be constructed with a minimum height of 24".
4. The dike shall be constructed with a minimum width of 24".
5. The dike shall be constructed with a minimum length of 24".
6. The dike shall be constructed with a minimum slope of 1:1.
7. The dike shall be constructed with a minimum clearance of 24" from the ground.
8. The dike shall be constructed with a minimum clearance of 24" from the structure.
9. The dike shall be constructed with a minimum clearance of 24" from the driveway.



CONSTRUCTION SPECIFICATIONS:

1. Stone size - Use 2" stone or rounded or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a simple residence of less than a 1/2 acre maximum length 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 where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter cloth will not be required on a simple family residence lot.
6. Surface Water - All surface water flowing on graded areas constructed and/or maintained in accordance with this plan shall be directed to the trap and shall be discharged into the drainage area. All sediment applied during grading, seeding or other construction activities shall be removed from the site and disposed of in an approved manner.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment into public rights-of-way. This may require periodic fogging with additional stone or sand. The trap shall be inspected after each rain and repairs made as needed. The trap shall be inspected after each rain and repairs made as needed.
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APPROVED
COMMISSIONER OF PLANNING & LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 9-17-89
J.B.

TRAP I-A SOST.(ST-V)
D.A. = 0.75 Ac
Storage Required = 1350 CF
Storage Provided = 1350 CF
Depth = 3'
Top of Stone Elev. = 408.5
Bottom Elev. = 404.5
Cleanout Elev. = 406.0
Bottom Dimensions 24'x9'
1:1 Side Slopes
L = 4'

Reviewed for...
Name: J. Nelson Clark
Signature: [Signature]
Date: 10/19/89
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved: [Signature]
Date: 8-4-89

TRAP I-B SOST ST-V
Drainage Area 2.35 Ac
Storage Required 4230 CF
Storage Provided 4230 CF
Depth 4'
Top of Stone Weir 407.8
Bottom Elev. 402.8
Cleanout Elev. 404.8
Bottom Dimensions 56'x14'
1:1 Side Slopes in cut
L = 9'



Rev. Sediment trap locations as per field comments
Date: 8-20-89

Owner/Developer: Security Development Corp.
PO Box 417
Ellicott City, Md. 21043

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DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN SECTION 3, AREA 2 - LOTS 415-426 SECTION 3, AREA 1 - LOTS 336-337	SCALE 1" = 30'
DRAWN PER		DRAWING 2 of 2
CHECKED KIWM	LONG GATE 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 87-102
DATE Aug, 1989		FILE NO. 87-1025E

SDP-90-40