

VICINITY MAP
Scale 1" = 2000'

LEGEND

- Contour Interval 2 FT
 - Existing Contour ---
 - Proposed Contour - - - -
 - Spot Elevation +10'
 - Direction of Drainage →
 - Trees to be Saved [Symbol]
 - Tree Protection Fence [Symbol]
1. All work shall be done in accordance with Ho. Co. Manual Vol. IX Stds & Specs & Details for constr. 1989 Amendments.
 2. Subject property zoned New Town per 8-2-85 Comprehensive Zoning Plan.
 3. The coordinates shown herein are based on Maryland State Grid System as projected by Geodetic Control Station Nos. 2341002, 2341003 & 2341002.
 4. All roads are public and existing.
 5. Any damage to county-owned rights-of-way to be corrected at the Developer's expense.
 6. Total area included: 3.43 Ac.
 7. Total number of lots: 74.
 8. The contractor or developer shall contact the Construction Inspection Survey Division 24 hrs in advance of commencement of work at 792-2630.
 9. Res Nos. F-96-26, FOP-191-A, WP-89-179, 8-89-89, F-90-30, F-91-35.
 10. Stormwater Management Quality Control is provided in Central facility under VODs 9; F-91-35.
 11. Minimum building setback restrictions from property lines and rights-of-way of any public road or street to be in accordance with final development plan - Phase 191-A-1.
 12. Based on a wetlands assessment conducted by Kidde Consultants, Sept. 24, 1987: No wetlands exist on this parcel.
 13. The 100 Yr Flood Plain in V.O.D.S. Section 3, Area I has been obtained by reference to the Little Patuxent Hydrology Model, Volume I - Synopsis Attachment, sheets numbered: D-4-1007-227-91, D-4-1007-228-91 and D-4-1007-229-91, as prepared by Century Engineering Inc. from aerial photography dated 1971.
 14. Environmental Analysis is submitted with previously approved Sketch Plan S89-89.
 15. Approved Road Construction Plans shall be used for all utilities.
 16. The water and sewer shown is for reference only. For more detailed information, see water and sewer plans contract no.
 17. The water and sewer house connections not included in a Developer's Agreement shall conform to Howard County Plumbing Code. The on-site W/C shall be 1" copper and the S/C shall be 4" iron.
 18. The reduction of the 30-foot BRL from the edge of the public right-of-way, as stipulated by FDP 191-A-1, to 20 feet, as approved November 22, 1989, by the Planning Board for units with integral garages.
 19. Improvements shown within the rights-of-way on this SDP are not for construction for construction. See F-91-35 and/or contract 24-3032-D.

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

DRIVEWAY ABUTTING CLOSED SECTION WITH MODIFIED COMB CURB & GUTTER & SIDEWALK

SITE ANALYSIS

	New Town S.F.A.
1. Zoned	3.43 acres
2. Area of lots	
No. of units proposed	74
Parking Spaces Required	148
Parking Spaces Provided	175
Private Parking	148
Common Parking	27
Total	175
Building Coverage None required per FDP phase 191-A	
Garages shall be used for parking purposes only in accordance with FDP 191-A-1 and Section 127-B 2b (18) of the Howard County Zoning Regulations.	
Type of unit proposed	single family attached

GENERAL NOTES

1. Zoned
2. Area of lots
- No. of units proposed
- Parking Spaces Required
- Parking Spaces Provided
- Private Parking
- Common Parking
- Total
- Building Coverage None required per FDP phase 191-A
- Garages shall be used for parking purposes only in accordance with FDP 191-A-1 and Section 127-B 2b (18) of the Howard County Zoning Regulations.
- Type of unit proposed

OCT. 23, 1990

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
12-14-90

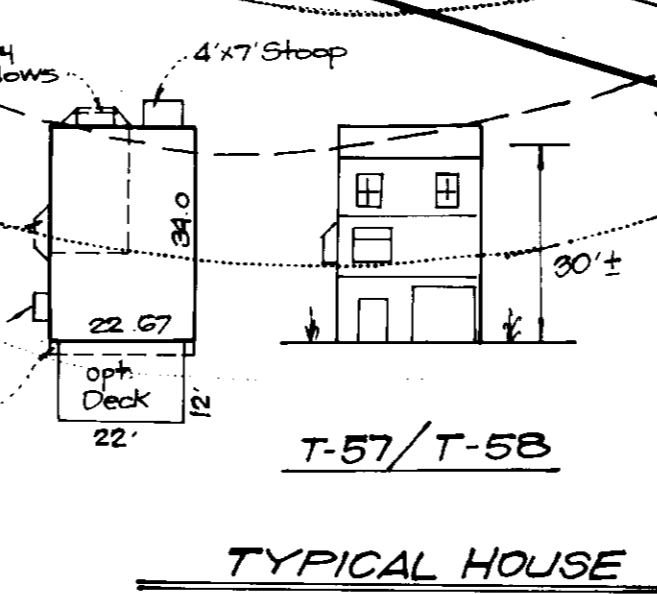
APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING
12-24-90

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
12-11-90

REVISIONS

Rev.	Units	F-1 thru F-5	Date
1			6-30-92

COLUMBIA V.O.D.S. 91 PLAT 6740 ZONED NEWTOWN



CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: VLP
DRAWN: BAK
CHECKED: VLP
DATE: August 1990

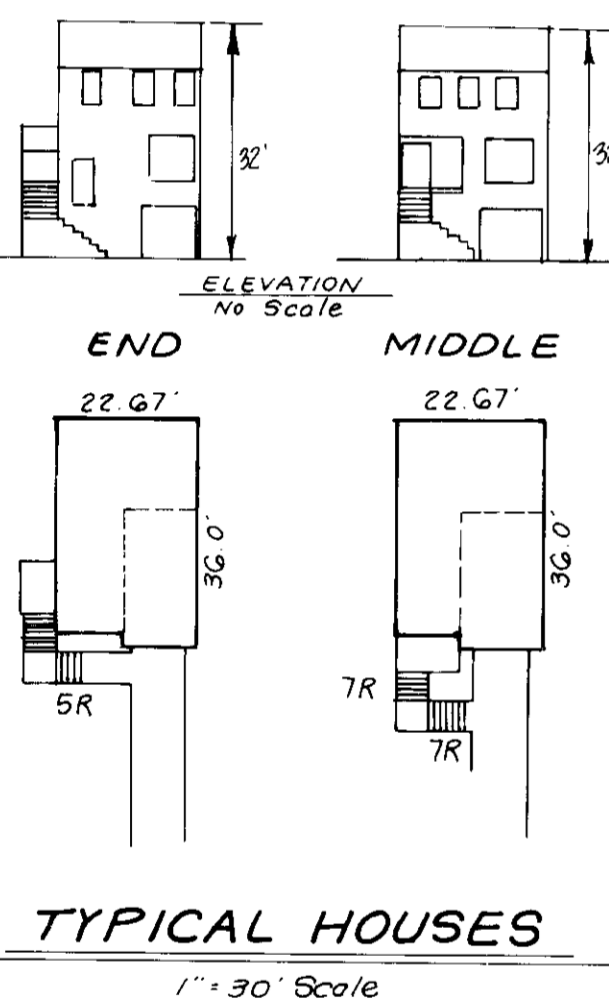
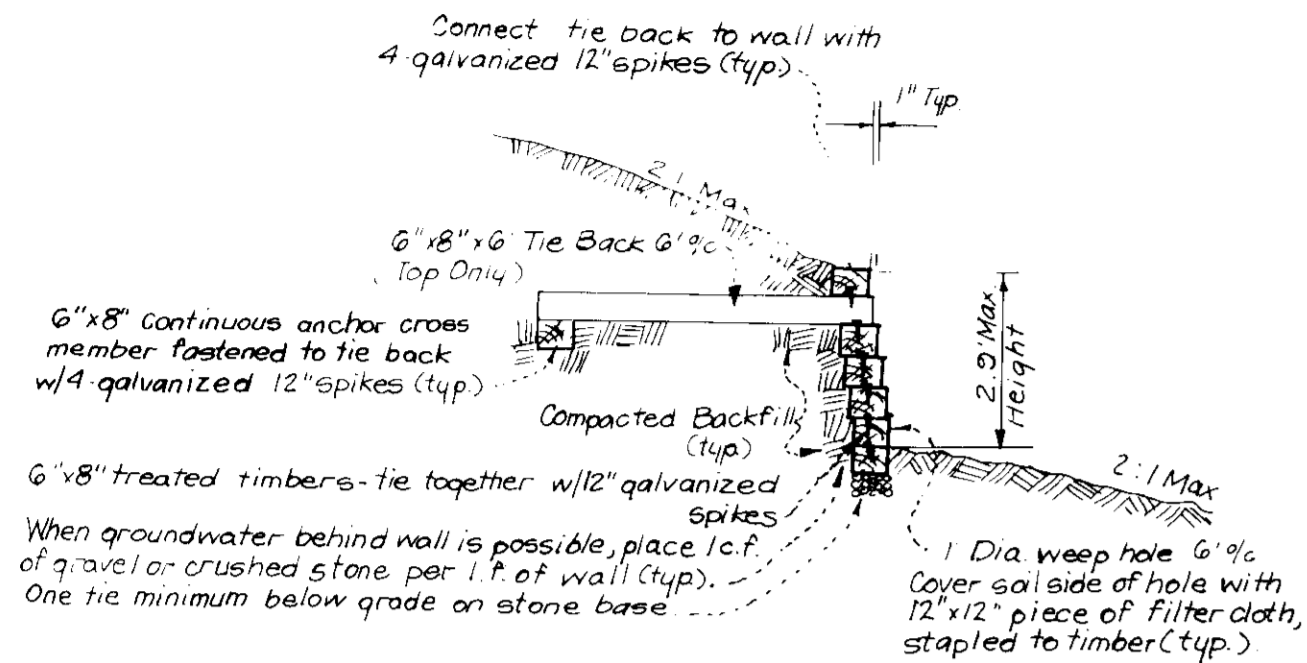
SITE DEVELOPMENT PLAN
LOTS F-1 thru F-74
COLUMBIA
VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA 1
5TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

FOR: THE RYLAND GROUP, INC.
7130 Minstrel Way, Suite 215
Columbia, Md. 21045

SCALE: 1" = 30'
DRAWING: 1066
JOB NO: 90-119
FILE NO: 90-119X

SDP-91-35

- NOTE
- Timbers shall be either:
 - Cressote treated railroad ties
 - CCA treated landscaping timbers (.40 lbs./sf retention)
 - Hardware shall be hot dipped galvanized.
 - Weepholes with or without gravel drain are minimum measures for groundwater. For any substantial amount of groundwater, a drain system should be designed and utilized.
 - Design shall be verified for site specific soil condition by a Professional Geodetic Engineer.



APPROVED

DATE OCT 23, 1990

Com

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

Joseph Boyden 12/14/91
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

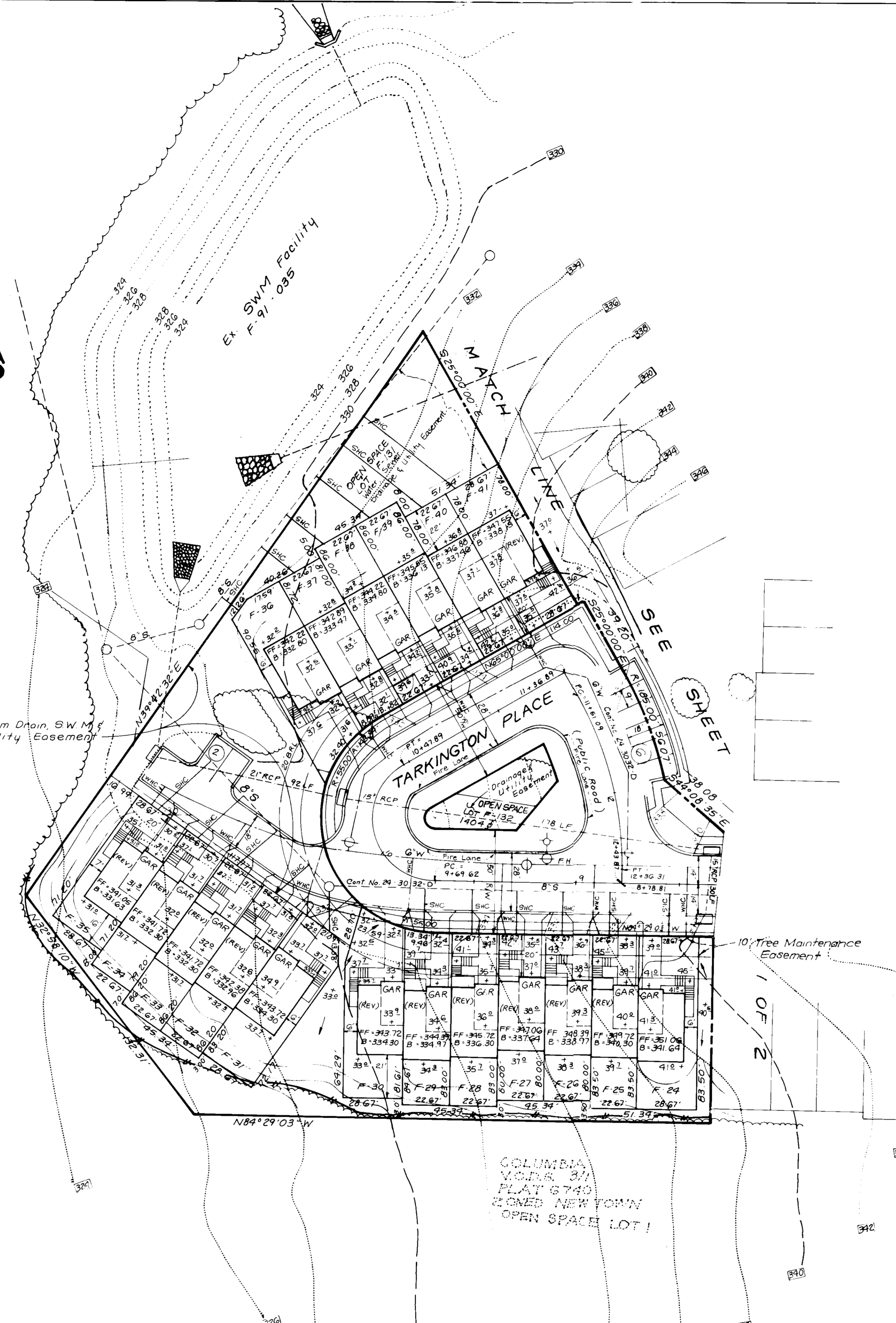
Joseph Boyden 12/24/90
DIRECTOR DATE

David J. Langley 12/24/90
CHIEF DIVISION OF COMMUNITY DEVELOPMENT AND LAND DEVELOPMENT DATE

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

Donald J. Sackett 12/11/90
DIRECTOR DATE

David J. Langley 12-11-90
CHIEF DIVISION OF ENGINEERING DATE



SEWER HOUSE CONNECTION LOT CHART

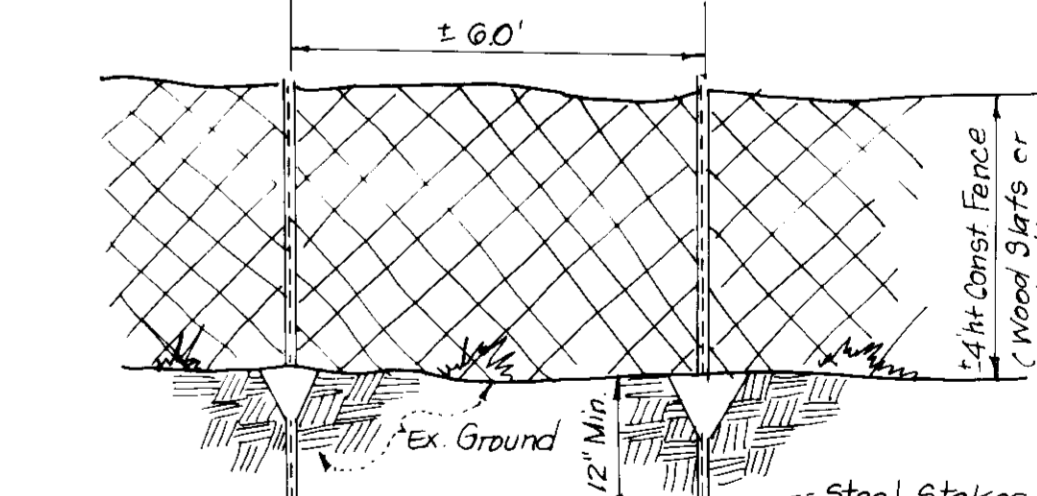
F-1	355.3	F-12	350.2	F-23	333.6	F-34	320.7	F-45	342.2	F-56	332.9	F-67	348.0
F-2	355.1	F-13	349.5	F-24	331.8	F-35	320.1	F-46	341.7	F-57	334.6	F-68	348.9
F-3	355.0	F-14	348.7	F-25	330.1	F-36	321.7	F-47	331.7	F-58	336.1	F-69	349.9
F-4	354.9	F-15	347.2	F-26	328.8	F-37	322.3	F-48	331.1	F-59	337.8	F-70	350.5
F-5	354.8	F-16	346.8	F-27	327.4	F-38	322.5	F-49	329.0	F-60	339.3	F-71	351.3
F-6	353.9	F-17	344.8	F-28	326.2	F-39	323.0	F-50	326.2	F-61	340.6	F-72	352.0
F-7	353.7	F-18	340.0	F-29	324.9	F-40	323.6	F-51	325.8	F-62	341.0	F-73	352.7
F-8	353.5	F-19	338.7	F-30	323.5	F-41	323.1	F-52	326.6	F-63	341.8	F-74	353.7
F-9	353.1	F-20	337.5	F-31	322.6	F-42	323.5	F-53	326.7	F-64	342.2		
F-10	352.0	F-21	336.2	F-32	321.8	F-43	323.4	F-54	326.8	F-65	345.1		
F-11	350.9	F-22	335.0	F-33	321.3	F-44	322.7	F-55	326.9	F-66	346.5		

SQUARE FOOTAGE LOT CHART

LOT #	2242	1859	1859	1859	2150	2059	1919	1882	1915	2392	2322	1893
LOT #	12	13	14	15	16	17	18	19	20	21	22	22
LOT #	23	24	25	26	27	28	29	30	31	32	33	33
LOT #	34	35	36	37	38	39	40	41	42	43	44	44
LOT #	45	46	47	48	49	50	51	52	53	54	55	55
LOT #	56	57	58	59	60	61	62	63	64	65	66	66
LOT #	67	68	69	70	71	72	73	74	75	76	77	77
LOT #	78	79	80	81	82	83	84	85	86	87	88	88
LOT #	89	90	91	92	93	94	95	96	97	98	99	99
LOT #	100	101	102	103	104	105	106	107	108	109	110	110
LOT #	111	112	113	114	115	116	117	118	119	120	121	121

ADDRESS CHART

LOT	STREET ADDRESS	LOT	STREET ADDRESS
F-1	5301 TARKINGTON PLACE	F-38	5362 TARKINGTON PLACE
F-2	5303	F-39	5360
F-3	5305	F-40	5358
F-4	5307	F-41	5356
F-5	5309	F-42	5301 BUTLER COURT
F-6	5313	F-43	5303
F-7	5315	F-44	5305
F-8	5317	F-45	5307
F-9	5319	F-46	5309
F-10	5321	F-47	5313
F-11	5323	F-48	5315
F-12	5325	F-49	5317
F-13	5327	F-50	5319
F-14	5329	F-51	5326
F-15	5331	F-52	5324
F-16	5333	F-53	5322
F-17	5337	F-54	5320
F-18	5339	F-55	5318
F-19	5341	F-56	5314
F-20	5343	F-57	5312
F-21	5345	F-58	5310
F-22	5347	F-59	5308
F-23	5349	F-60	5306
F-24	5351	F-61	5304
F-25	5353	F-62	5302
F-26	5355	F-63	5300
F-27	5357	F-64	5342 TARKINGTON PLACE
F-28	5359	F-65	5340
F-29	5361	F-66	5338
F-30	5363	F-67	5336
F-31	5365	F-68	5334
F-32	5367	F-69	5330
F-33	5369	F-70	5328
F-34	5371	F-71	5326
F-35	5373	F-72	5324
F-36	5366	F-73	5322
F-37	5364	F-74	5320



TYPICAL TREE PROTECTION FENCE DETAIL

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

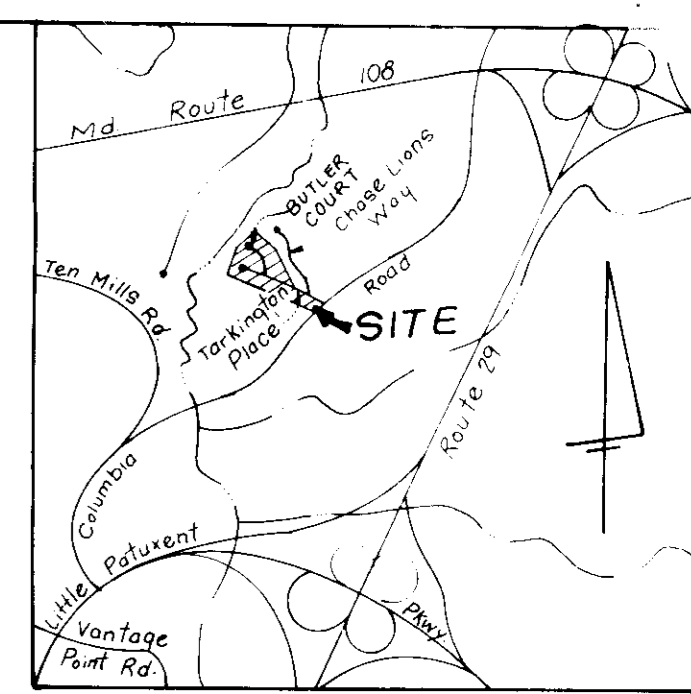
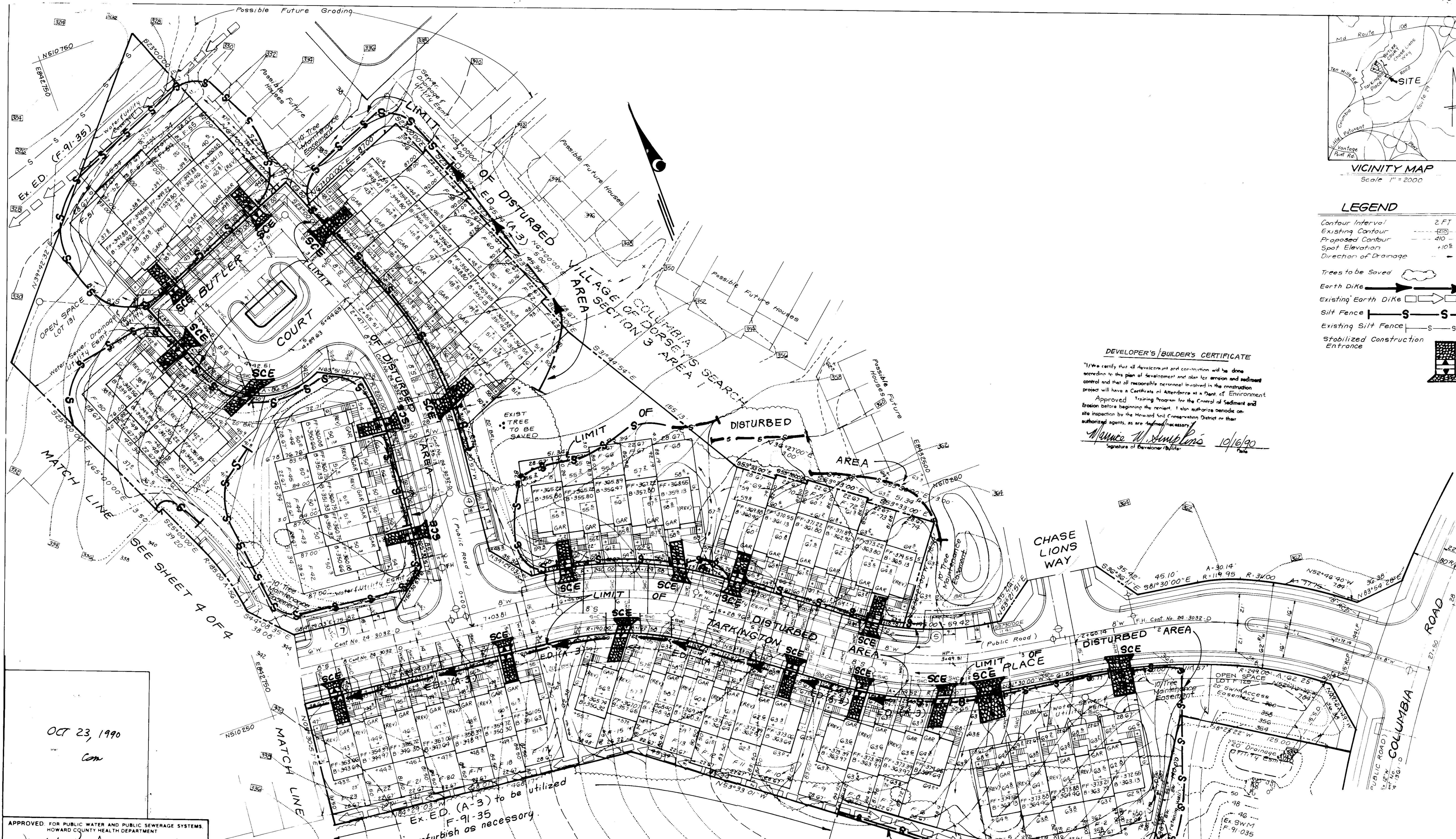
7135 MINSTREL WAY • COLUMBIA, MD 21045 • 1:301.381.5300 - BALTO • 1:301.621.8000 - WASH

DESIGNED VLP
DRAWN BAK
CHECKED VLP
DATE August 1990

SITE DEVELOPMENT PLAN
LOTS F-1 thru F-74
COLUMBIA VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA
5TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

For The RYLAND GROUP INC.
7130 Minstrel Way, Suite 215
Columbia, Md 21045

SCALE 1" = 30'
DRAWING 2 OF 6
JOB NO 90-119
FILE NO 90-119X



VICINITY MAP
Scale 1" = 2000

LEGEND

Contour Interval	2 FT
Existing Contour	---(20)---
Proposed Contour	---(40)---
Spot Elevation	110.5
Direction of Drainage	→
Trees to be Saved	
Earth Dike	
Existing Earth Dike	
Silt Fence	
Existing Silt Fence	
Stabilized Construction Entrance	

DEVELOPER'S/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 personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Environment 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, as are deemed necessary.

Maurice W. Samuels 10/16/90
Signature of Developer/Builder Date

OCT 23, 1990
Com

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Paula Bogdan 12/14/90
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
James R. Smith 12/24/90
DIRECTOR DATE

APPROVED: HOWARD COUNTY DEPT. OF PUBLIC WORKS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
J. J. Campbell 12/24/90
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

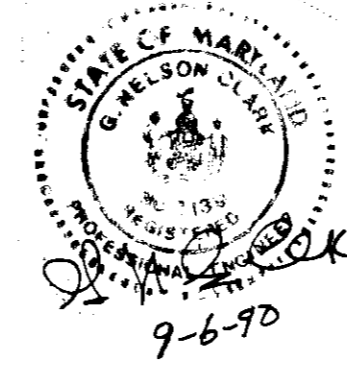
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Paul D. Sisson 12/11/90
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING TB DATE

Reviewed for HOWARD COUNTY S.C.D.
Name: *James R. Smith*
Signature: *James R. Smith*
Date: 12/15/90
U.S. Soil Conservation Service

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

James R. Smith 12/15/90
APPROVED DATE



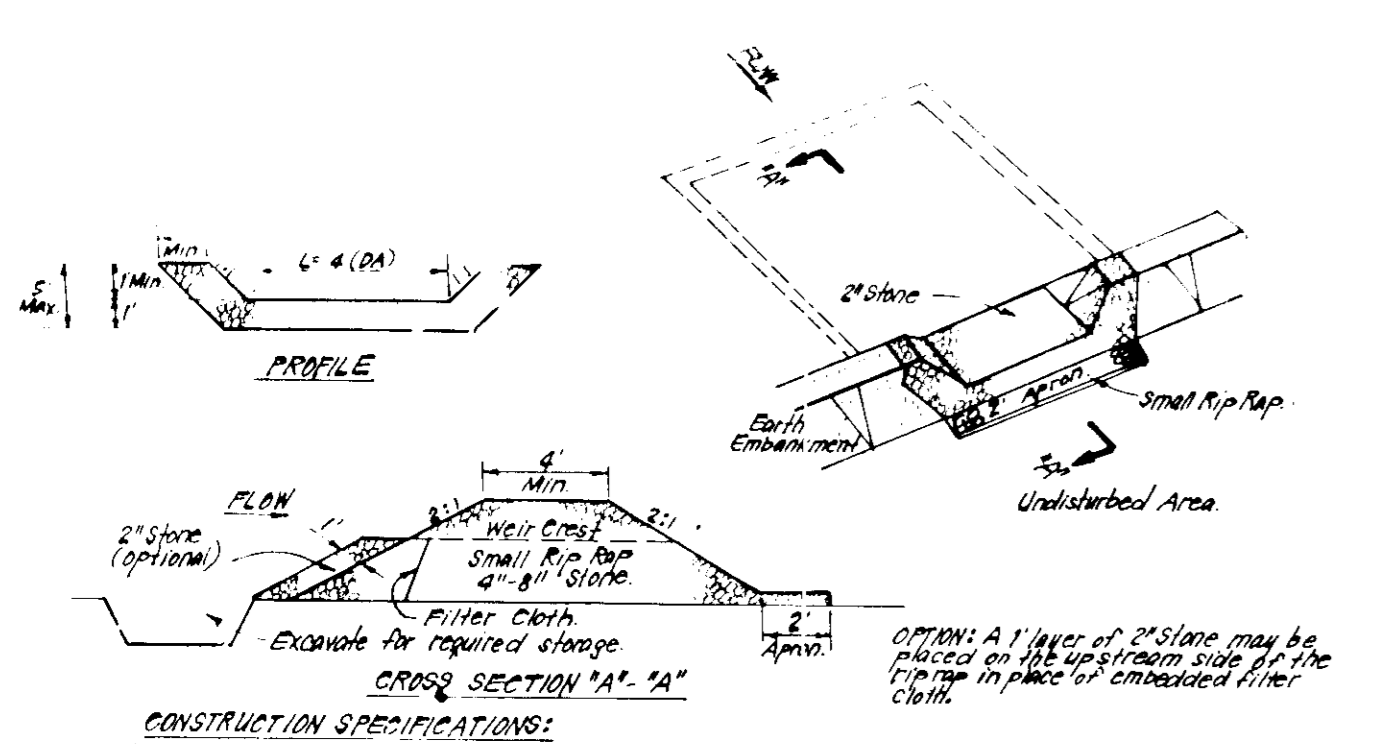
ENGINEER'S CERTIFICATE

I hereby 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 Howard Soil Conservation District.

G. Nelson Clark 9-6-90
G. Nelson Clark Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 715 MINNISTREL WAY • COLUMBIA, MD. 21045 • TEL: 410-271-1111 • FAX: 410-271-1112		SCALE 1" = 30'
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS F-1 thru F-74	DRAWING 3 OF 6
DRAWN BAK	COLUMBIA VILLAGE OF DORSEY'S SEARCH	JOB NO. 90-119
CHECKED KIWM	SECTION 3 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND	FILE NO. 90-119SE
DATE August 1990	FOR The RYLAND GROUP, INC. 7130 Minnstrel Way, Suite 215 Columbia, Md. 21045	

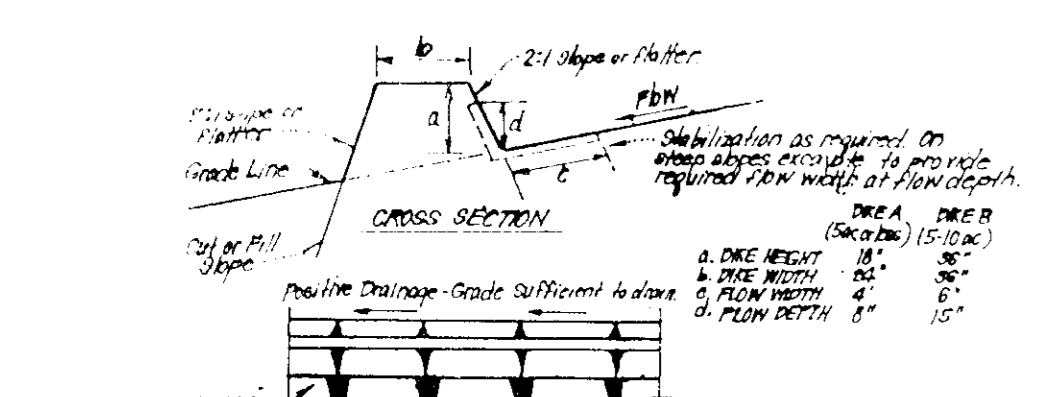
SDP 91-35



- CONSTRUCTION SPECIFICATIONS:**
1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The top area shall be compacted.
 2. The soil 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 hand with equipment while it is being constructed.
 3. The filter cloth shall be placed on a 2:1 slope.
 4. The stone used in the outlet shall be small rip rap 4" x 8" along with 1" thickness of 2" aggregate placed on the up-slope side of the small rip rap or crushed 1/2" filter cloth in the rip rap.
 5. Sediment shall be removed and trapped according to its weight, otherwise what the sediment has accumulated to 1/2 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 that 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.) STV.

NO SCALE



- 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 than side slopes may be flatter if desired, to facilitate crossing by construction traffic.
 4. Final location should be adjusted as needed to utilize a stabilized slope with a minimum of erosion. Erosion shall be controlled by a sediment trapping device such as a sediment trap-embankment trap 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.
- | TYPE OF TREATMENT | CHANNEL | DIKE A | DIKE B |
|-------------------|------------------------------|---------------------|---------------------|
| 1 | 0.5-3.0% Seed/Straw Mulch | Seed or Straw Mulch | Seed or Straw Mulch |
| 2 | 3.1-6.0% Seed/Straw Mulch | Seed or Straw Mulch | Seed or Straw Mulch |
| 3 | 6.1-10.0% Seed or Sub Stone | Seed or Straw Mulch | Seed or Straw Mulch |
| 4 | 10.1-20.0% Seed or Sub Stone | Seed or Straw Mulch | Seed or Straw Mulch |
- NOTE: A dike is to be 2:1 slope or required concrete equivalent in a layer at least 18" thick and be placed into soil with construction equipment.

EARTH DIKE DETAIL (E.D.)

NO SCALE

Reviewed for HOWARD COUNTY S.C.D. Name: James M. Stiles Date: 12/19/90

Signature: [Signature] 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: 12/24/90

DATE: OCT. 23, 1990

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

DESIGNED: Joseph Boydles DATE: 12-14-90

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING.

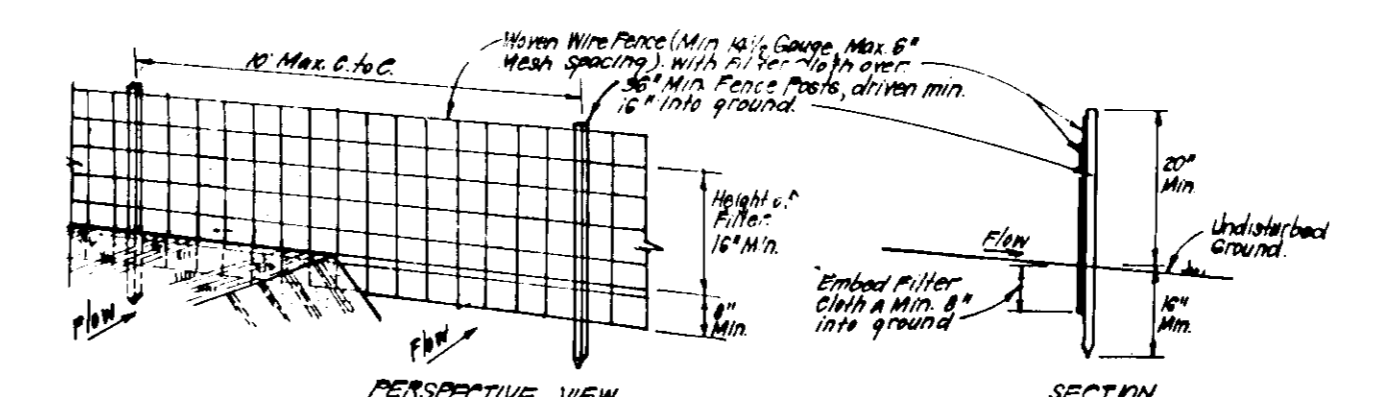
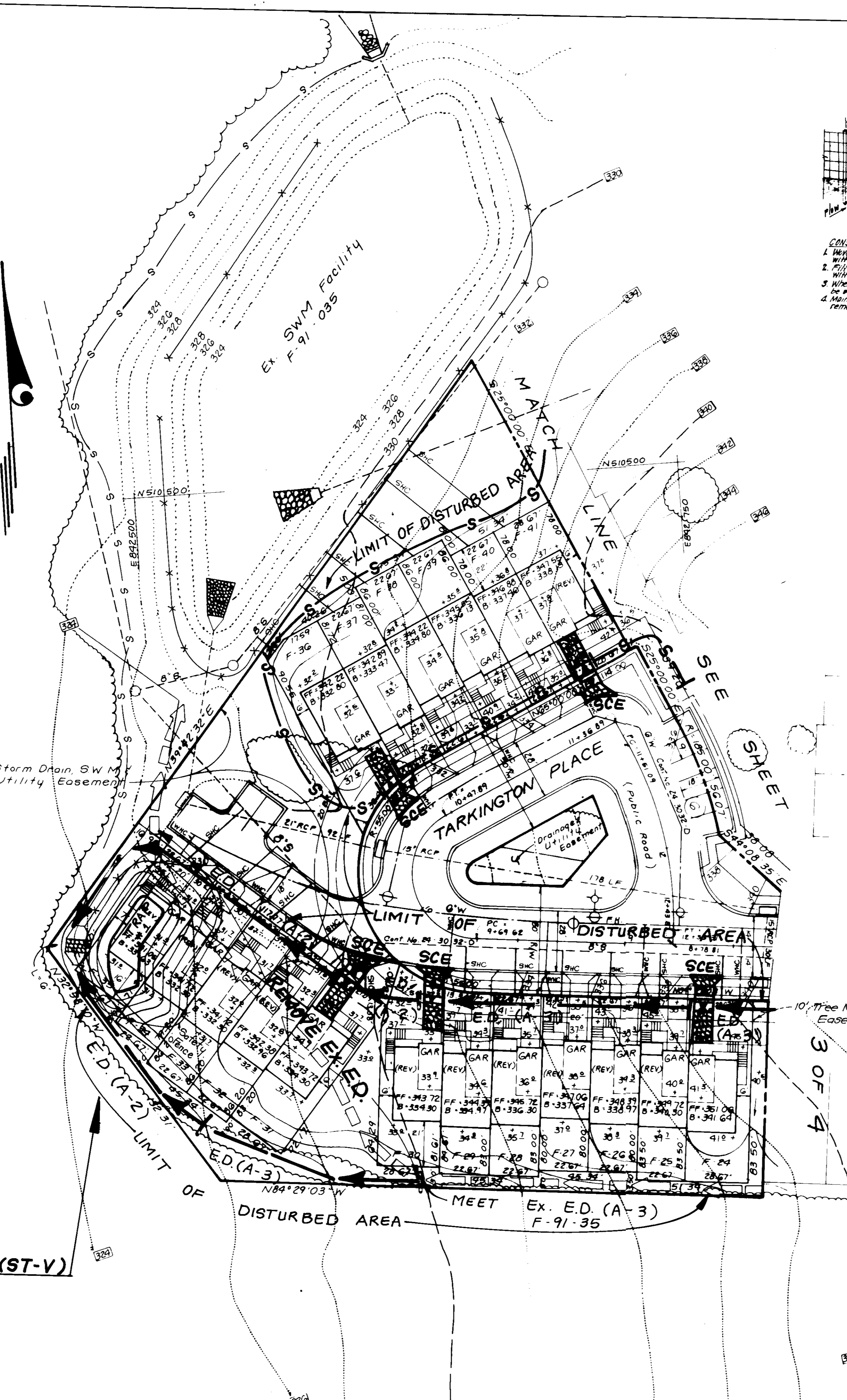
DESIGNED: James M. Stiles DATE: 12/24/90

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

DESIGNED: [Signature] DATE: 12/11/90

DESIGNED: [Signature] DATE: 12-11-90

D.A. = 1.5 AC.
Storage Required = 2700 CF
Storage Provided = 2700 CF
Depth = 3"
Top of Stone Crest = 329.0
Bottom of elev. = 320.0
Clean out elev. = 321.5
Bottom Dimensions = 44' x 12'
2:1 Side Slopes
L = 0'



- CONSTRUCTION SPECIFICATIONS:**
1. Woven wire fence to be fastened securely to fence posts with wire 1/2" dia. staples.
 2. Filter cloth to be fastened securely to woven wire fence with spaced every 24" at top and mid section.
 3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and stapled.
 4. Maintenance shall be performed as needed and material removed when 1/2 inch deep in soil face.
- POSTS: Steel either T or U Type or FENCE: Woven Wire, 1/4" Gauge 6' High, Mesh opening 2" x 6" FILTER CLOTH: Filter Cloth, 150 lbs./sq. yd. Stabilizer, T100 or approved equivalent, 2" thickness, 2" depth
- SILT FENCE DETAIL (S)**

- CONSTRUCTION SPECIFICATIONS:**
1. Stone size: Use 2" stone or smaller in recycled concrete equipment or 3/4" where a 30 ft minimum length would apply.
 2. Thickness: Not less than 6" inches.
 3. Width: Ten (10) feet minimum but not less than the full width at points where ingress or egress occurs.
 4. Filter Cloth: Will be placed over the entire area prior to placing of stone.
 5. Surface Water: All surface water flowing over the structure shall be collected in a ditch or gutter and discharged to the appropriate area.
 6. Maintenance: The entrance shall be maintained in a condition which will require periodic cleaning of sediment with public rights of way. This and other work shall be done as needed to prevent damage to the structure and to the public rights of way.
 7. Wheelbarrows shall be used to remove sediment from the entrance and public rights of way when necessary. Wheelbarrows shall be one (1) wheelbarrow per 100 sq. ft. of area.
 8. Periodic inspection and needed maintenance shall be provided after each rain.
- STABILIZED CONSTRUCTION ENTRANCE (SCE)**

TEMPORARY SEEDING NOTES

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

Soil Preparation: Loosen upper three inches of soil by raking, disking or other 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 lb/1000 square ft) and 400 lbs per acre 10-10-10 fertilizer (14 lb/1000 sq ft) before seeding. Broadcast or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 10-0-0 urea fertilizer (9 lb/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lb/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lb/1000 sq ft) before seeding. Broadcast 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 lb/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 lb/1000 sq ft) of weeping lovegrass. During the period of October 15 thru February 28, protect site by: Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use seed. 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 match 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 gal per acre (8 gal/1000 sq ft) for anchoring.

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

DEVELOPER/BUILDER'S CERTIFICATE

I hereby certify that all development and construction will be done according to the plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Environment Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Signature: [Signature] Date: 12/16/90

ENGINEER'S CERTIFICATE

I hereby 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 Howard Soil Conservation District.

Signature: [Signature] Date: 9-6-90

CONSTRUCTION SEQUENCE:

Activity	No. of Days
A. Obtain Grading Permit and Install Sediment and Erosion Control Devices and Stabilize. Refer to Ex. Controls as Reg'd.	7
B. Excavate for foundations and Rough Grade of temporarily stabilize.	30
C. Construct Structures, Sidewalks and Driveways.	60
D. Final Grade and stabilize in accordance with Stds. & Specs.	14
E. Upon approval of the sediment control inspector remove sediment control devices and stabilize.	7

* Delay construction on Lots: F-33 thru F-35 until Trap #1 is removed.

NOTE: The owner/developer/builder shall be responsible for the removal of sediment and repair of damages to both the SWM Facilities as a result of the construction of this S.D.P.

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21046

DESIGNED	SCALE
KIWM	1" = 30'
DRAWN	DRAWING
BAK	4 OF 6
CHECKED	JOB NO.
KIWM	90-119
DATE	FILE NO.
August 1990	90-119SE

SEDIMENT & EROSION CONTROL PLAN
LOTS F-1 thru F-14
COLUMBIA, MD
VILLAGE OF DORSEY'S SEARCH
SECTION 3 AREA 1
5TH ELECTION DISTRICT
HOWARD COUNTY MARYLAND

For The RYLAND GROUP INC.
7130 Minstrel Way, Suite 215
Columbia, Md 21045

SDP-91-35



PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QTY	REMARKS
	WILD TREE			
⊕	Aspen (Quercus prinus)	2 1/2" CAL 12-14 HT.	21	DES NEW PLANT
⊕	Red Oak (Quercus rubra)		12	
⊕	White Oak (Quercus alba)		5	
⊕	Flowering Dogwood (Cornus florida)		20	
⊕	Green Ash (Fraxinus viridis)		12	
⊕	Zelkova (Zelkova serrata)	↓	30	
FLOWERING EVERGREEN TREES				
⊕	Amelanchier (Amelanchier canadensis)	2 1/2" CAL 10-12 HT.	10	
⊕	Malex (Malex repens)		16	
⊕	Red Tip Dogwood (Cornus alternifolia)		43	
⊕	Japanese Holly (Ilex pedunculata)		18	
⊕	Pink Shrub Dogwood (Cornus florida)	↓	18	
⊕	Curled Dogwood (Cornus alternifolia)	6-8 HT.	37	
⊕	Illinoise Blue Holly (Ilex pedunculata)		36	
⊕	Japanese Black Pine (Pinus thunbergii)		28	↓
⊕	Japanese Hemlock (Tsuga canadensis)	↓	28	↓

NOTES:
 • ALL PLANTING TO BE DONE IN ACCORDANCE WITH H.R.D. - COLUMBIA STANDARDS & SPECIFICATIONS.
 • CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 • TREES TO BE PROVIDED FOR SET-1 36

DATE OCT. 23, 1990

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 10-14-90

APPROVED: HOWARD COUNTY DEPT. OF PLANNING AND ZONING
 DIRECTOR: [Signature] DATE: 10/24/90
 CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT: [Signature] DATE: 10/24/90

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 10/11/90
 CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 12-11-90

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

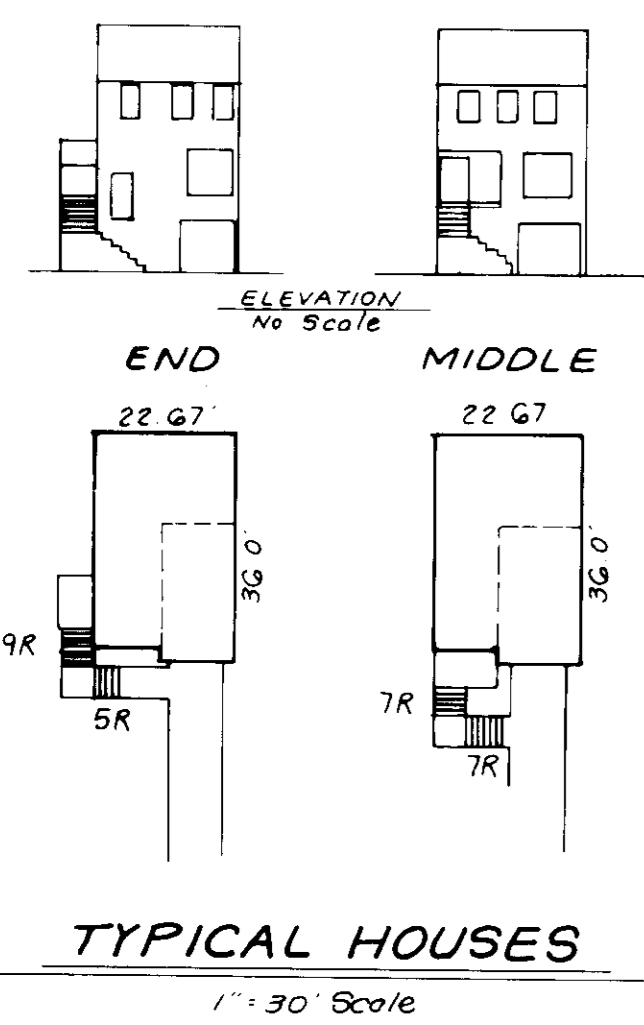
DESIGNED BY: [Signature] DATE: 10-13-90
 DRAWN BY: MJP
 CHECKED BY: [Signature] DATE: 9-7-90

LANDSCAPE PLANNING PLAN
 LOTS F-1 THRU F-74
COLUMBIA
 VILLAGE OF DORSEY'S SEARCH
 SECTION 3 AREA A
 6TH ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

FOR THE RYLAND GROUP, INC.
 7130 Minstral Way, Suite 215
 Columbia, Md. 21045

SCALE: 1" = 30'
 DRAWING: FOP 6
 JOB NO: 90-119
 FILE NO: 90-119

SOP 91-35



D.A. OCT. 23, 1990

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT

Joseph W. Boyd III 12-14-90
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY DEPT. OF PLANNING & ZONING

James H. Miller 12/24/90
DIRECTOR DATE


W. P. Langley 12/24/90
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT DATE

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

Donald J. Sporn 12/11/90
DIRECTOR (Acting) DATE

W. P. Langley 12-11-90
CHIEF BUREAU OF ENGINEERING DATE



 CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO • (301) 621-8100 - WASH		
DESIGNED VLP	SITE DEVELOPMENT PLAN LOTS F-1 thru F-79	SCALE 1" = 30'
DRAWN BAK	COLUMBIA VILLAGE OF DORSEY'S SEARCH	DRAWING 600FL0
CHECKED VLP	SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY MARYLAND	JOB NO 90-119
DATE August 1990	For: The RYLAND GROUP INC. 7130 Minstrel Way, Suite 215 Columbia, Md 21045	FILE NO 90-119