NOTE: For Water & Sewer profiles and notes see sheet 4 of 6.
The sanitary sewer shown on this plan from Ex. MH #6 to MH #10 and Ex. MH #6 to MH #11 can not be placed in service until the sewer on Contracts. 30-1034-D and 30-0872-D has been constructed and placed in service.

GENERAL NOTES CON'T:

13. All downspouts drains shall be handled by one of the following methods: A. Down spout to splash blocks and discharge to ground having good percolation. B. Downspout in front of Units piped to curb. C. Downspout connected to storm drain.
14. The developer agrees to work with the Department of Licenses and Inspections to resolve any problems caused by roof water discharge.
15. For Field Stake out, See computer Tie sheet.
16. See Sheet A-2 for limits of construction

LEGEND:

1. Contour Interval 2 Ft.
2. Existing Contour (320)
3. Proposed Contour 340
4. Spot Elevation +405
5. Direction of Drainage
6. Exist. Trees to be saved
7. Prop. Storm Drainage (18"RCP)

GENERAL NOTES:

1. All materials and Construction to be in accordance with Howard County Road Construction Code's and Specifications.
2. The plan shown is covered by Final Development Plan Phase 168-A Part I, recorded as Plat 3054A 162-176.
3. Any damage to county owned right of ways shall be corrected at the developer's expense.
4. Installation of Traffic Control Devices shall be in accordance with the latest edition of the "Manual of Uniform Traffic Control."
5. Topography was compiled from actual field survey.
6. The area included in this submission is located on Tax Map #42.
7. All driveways and parking areas are privately maintained.
8. All coordinates are based on traverse controls for Columbia established by Maps Inc., in 1965 by Purdum & Ueschke in 1968 which controls were tied to Maryland Bureau of Control Survey Monuments and to U.S. Coast & Geodetic Survey Monuments in the Columbia Area.
9. Handicapped Parking Signs, shown thus: [H] shall be placed in approx. location shown in plan in accordance with the "Maryland Bldg. Code for the Handicapped" Section 05.01.07.05.
10. Parcel "C" is recorded in Liber 589, Folio 335, Total Area = 8.332 Acres
11. Class "C" Trench Bedding shall be used unless otherwise shown.
12. Refer to Electrical Drawing E-1 for Site Lighting.
13. Parcel 'C' is recorded as Plat # 5193

---Remove Ex. Curb & Gutter & Sidewalk as necessary.
---Build Manhole over and Connect to Ex. 18" RCP

SITE ANALYSIS:

1. Zone: New Town (Apts.)
2. Area: 8.332 Acres
3. Max. No. Units Permitted: 210
4. No. of Units Shown: 172
5. No. of Parking Spaces Required: 258
6. No. of Parking Spaces Provided: 261
7. Building Coverage Shown: 18.5%
8. Max. Bldg. Coverage Permitted: 30%
9. Green Area Provided: 50%
10. All 1&2 Bedroom Units to be under Federal Program.
11. No. Bedrooms: 64 of 1 Bedroom, 108 of 2 Bedroom. (104 ♀) (111 ♂)

VICINITY MAP
SCALE: 1" = 2000'

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12-16-81

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 10-14-82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 10-15-82
CHIEF, DIVISION OF LAND DEVELOP. & ZONING ADMIN — DATE 10-15-82

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 10-14-82
CHIEF BUREAU OF ENGINEERING — DATE 10-13-82

Reviewed for Howard S.C.D. Items ... meets the Requirements
Signature — Date 7/28/82
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved — Date 7-28-82

DEVELOPER'S/BUILDER'S CERTIFICATE

"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 Natural Resources 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."

Signature of Developer/Builder — Date 10-19-81
Canadian Development Co. by Canadian Investment Corporation, its Mgr. Mark Joseph, Pres.

REVISION
1. Added note on sheet 1 & percent of grade on profile of sheet #4 — 10-7-82

OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
The Rouse Building
Columbia, Maryland 21044

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.

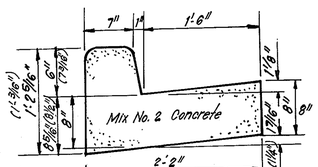
G. Nelson Clark — 10-20-81 Date

STATE OF MARYLAND — G. NELSON CLARK — NO. 7139 — REGISTERED PROFESSIONAL ENGINEER

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

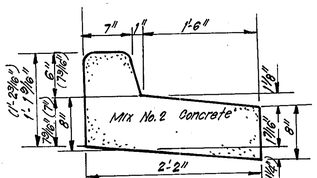
DESIGNED J.M.E	SITE DEVELOPMENT PLAN PARCEL "C"	SCALE 1"=30'
DRAWN K.T.W.	COLUMBIA	DRAWING 2 OF 6
CHECKED J.L.S	VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-047
DATE 12-14-81	FOR: CANADIAN DEVELOPMENT CO. 1100 One Charles Center Baltimore, Md 21201	FILE NO. 80-047-X

SDP-82-25-C



STANDARD 6" or 7" COMBINATION CURB & GUTTER*

No SCALE * For Std. 7" Comb. Curb & Gutter use dimensions in Parenthesis.



REVERSE 6" or 7" COMBINATION CURB & GUTTER*

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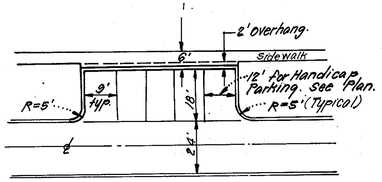

TYPICAL PARKING

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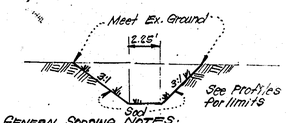


GENERAL SODDING NOTES:
1. Apply 10-10-10 Fertilizer @ 1000#/acre (25#/1000 s.f.)
2. Apply Ground Agricultural Limestone @ 2000#/acre (50#/1000 s.f.)
3. Incorporate both lime and fertilizer into soil by discing. Firm up after incorporation.
4. Lay sod to a tight fit. Roll to insure contact with underlying soil. Water as necessary for 1st 2 weeks in summer, to ensure establishment.
5. All sod to be used must be certified by the State of Md.

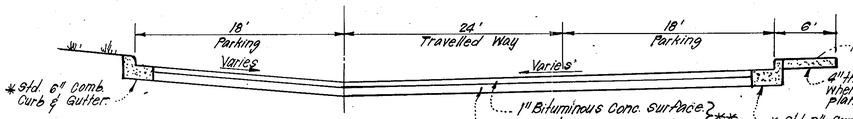
SODDED OUTFALL DITCH

No SCALE

STRUCTURE SCHEDULE

	No.	TYPE	INV. IN	INV. OUT	TOP ELEVATION Upper	TOP ELEVATION Lower	REMARKS		LOCATION
	M-8	B-Manhole	329.50	322.00	327.00		Ho Co Std. SD. 3.03	48"Sq	See Plan
	I-11	A-10 Inlet w/DeFlect	319.60	319.60	323.45	322.87	Ho. Co. Std. SD. 4.02	W=2'-6"	See Plan
	M-12	B-Manhole	322.70	322.50	325.85		Ho. Co. Std. SD. 3.03	48"Sq.	See Plan
	I-13	A-5 Inlet	-	331.60	334.50		Ho. Co. Std. SD. 4.01	W=2'-6"	See Plan
*	S-7	C-End Wall	-	310.85	-		Ho. Co. Std. SD. 5.21	Dia.15"	See Plan
	I-9	A-5 Inlet	-	329.20	333.80		Ho. Co. Std. SD. 4.01	W=2'-6"	See Plan
*	S-15	C-End wall	-	319.60	-		Ho. Co. Std. SD. 5.21	Dia=15"	See Plan
	M-17	B-Manhole	322.70	322.60	325.80		Ho. Co. Std. SD. 3.03	48"Sq	See Plan
	I-19	A-5 Inlet	-	326.20	327.00		Ho. Co. Std. SD. 4.01	W=2'-6"	See Plan
	I-3	A-10 Inlet w/DeFlect	-	321.50	325.58	324.93	Ho. Co. Std. SD. 4.02	W=2'-6"	See Plan
	M-10	A-1 Manhole	317.35 Ex.	Ex.	320.80		Ho. Co. Std. SD 3.01	48"Rd.	See Plan

* Increase H dimension by 1'-0" to allow for Rip Rap Construction.

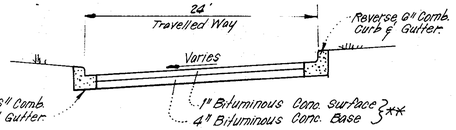


* Where flow is away from curb & gutter Rev. 6" Comb. Curb & Gutter will be used.

** See Alternate Paving Section below.

TYPICAL SECTION - PARKING ADJACENT TO PRIVATE DRIVE

No SCALE



** See Alternate Paving Section right.

TYPICAL SECTION - PRIVATE DRIVE

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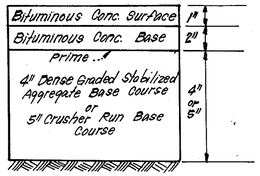
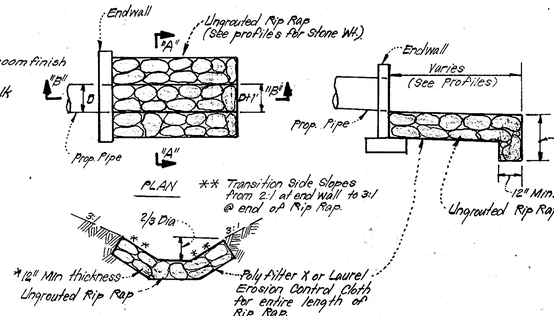


ALTERNATE PAVING SECTION (PRIVATE DRIVES & PARKING)

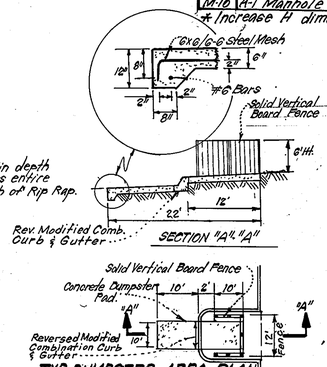
No SCALE



** Transition Side Slopes from 2:1 at end Wall to 3:1 @ end of Rip Rap.

UNGROUTED RIP RAP PAVING DETAILS

No SCALE



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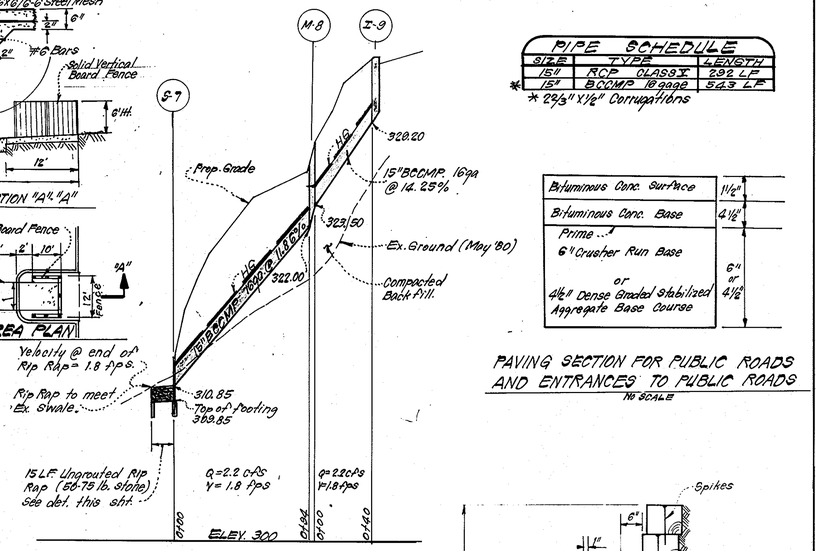


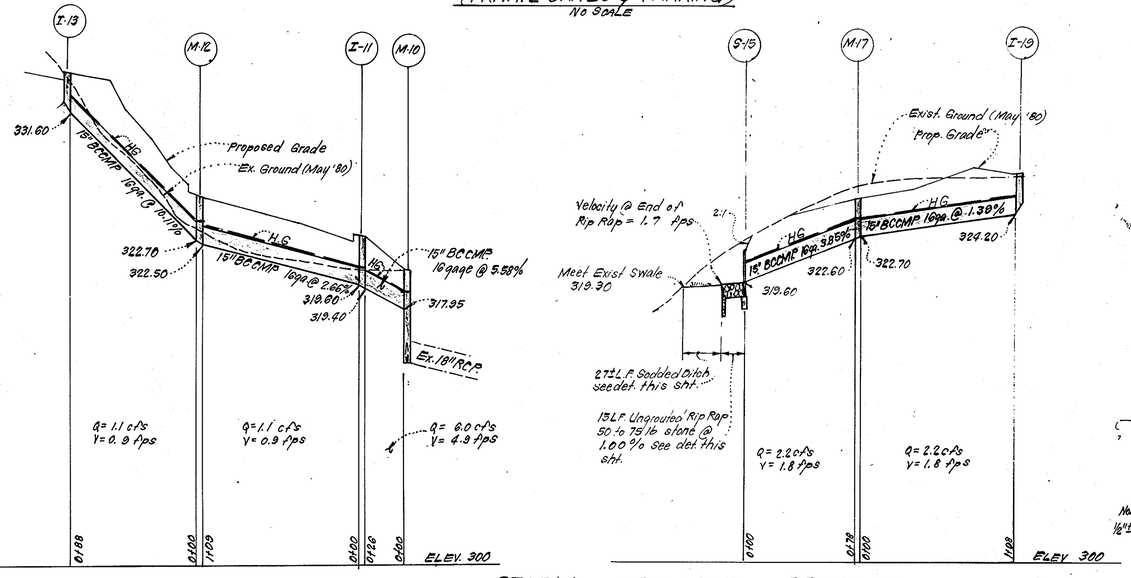
PIPE SCHEDULE

	SIZE	TYPE	LENGTH
	15"	RCP CLASS IV	292 LF
*	15"	BCCMP 16 gage	543 LF

* 2 2/3" x 1/2" Corrugations

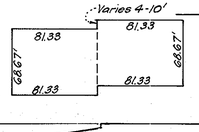
PAVING SECTION FOR PUBLIC ROADS AND ENTRANCES TO PUBLIC ROADS

No SCALE



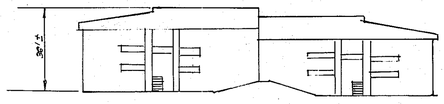
STORM DRAINAGE PROFILES

SCALE: HOR: 1"=50'
VER: 1"=5'



BUILDING PLAN

No Scale



TYPICAL FRONT ELEVATION

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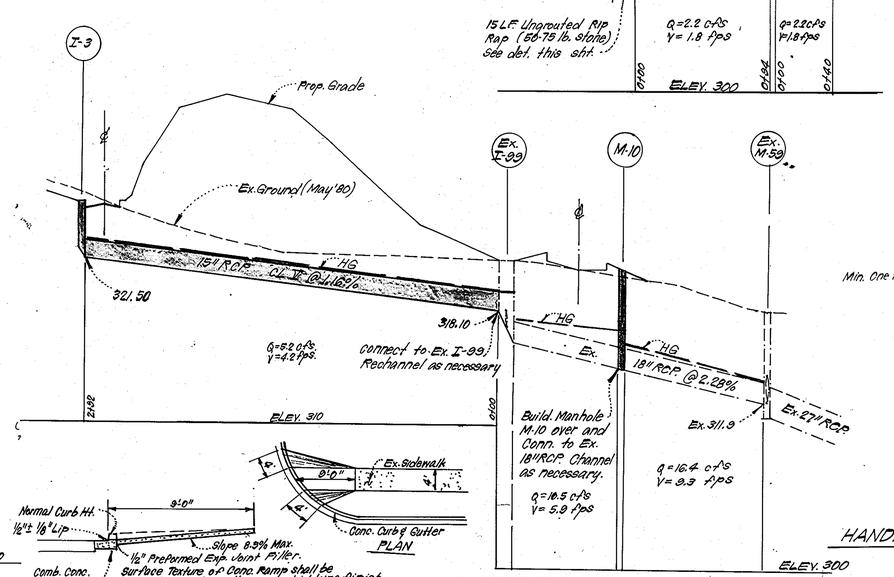
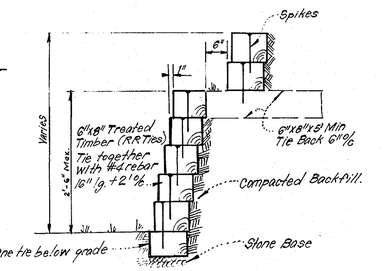


ELEVATION

HANDICAPPED RAMP AT ENTRANCE TO PUBLIC ROAD

Note: See Plan View (Sht. 1) for location.

No Scale



TIMBER RETAINING WALL

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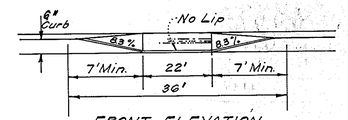

FRONT ELEVATION

No Scale

HANDICAPPED RAMP (CURB CUT TYPE)

PRIVATE PARKING AREAS

No SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 10-14-82

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 10-15-82
CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN. — DATE 10-15-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 10-14-82
CHIEF BUREAU OF ENGINEERING — DATE 10-13-82

Reviewed for Howard S.C.D. (Name) and meets Technical Requirements
Signature — Date 7/28/82
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved — Date 7/28/82

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 Natural Resources 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."

Signature of Developer/Builder — Date 10-19-81
Canadian Development Company by Canadian Investment Corporation of Md., Mark Joseph, Pres.

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 — 10-20-81 Date

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12-16-81

STATE OF MARYLAND — G. NELSON CLARK — NO. 7139 — REGISTERED PROFESSIONAL ENGINEER

OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
The Rouse Building
Columbia, Maryland 21044

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

DESIGNED B.P	SITE DEVELOPMENT PLAN & STORM DRAINAGE & PAVING PLAN PARCEL "C-11"
DRAWN K.I.W.	COLUMBIA VILLAGE OF RINGS CONTRIVANCE SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
CHECKED J.L.S	FOR: CANADIAN DEVELOPMENT CO. 1100 One Charles Center Baltimore, Md 21201
DATE 12-14-81	SCALE As Shown · DRAWING 2 OF 6 · JOB NO. 80-047 · FILE NO. 80-047-X

SDP-82-25-C

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12-16-81

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 10-14-82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 10-15-82
CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN — DATE 10-15-82

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 10-19-82
CHIEF BUREAU OF ENGINEERING — DATE 10-13-82

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
Signature — Date 7/28/82
U.S. Soil Conservation Service

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Signature of Developer/Builder — Date 11-19-81
Canadian Develop. Co. by Canadian Investment Corporation of Md. Mark Joseph, Pres.

OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
The Rouse Building
Columbia, Maryland 21044

ENGINEER'S CERTIFICATE

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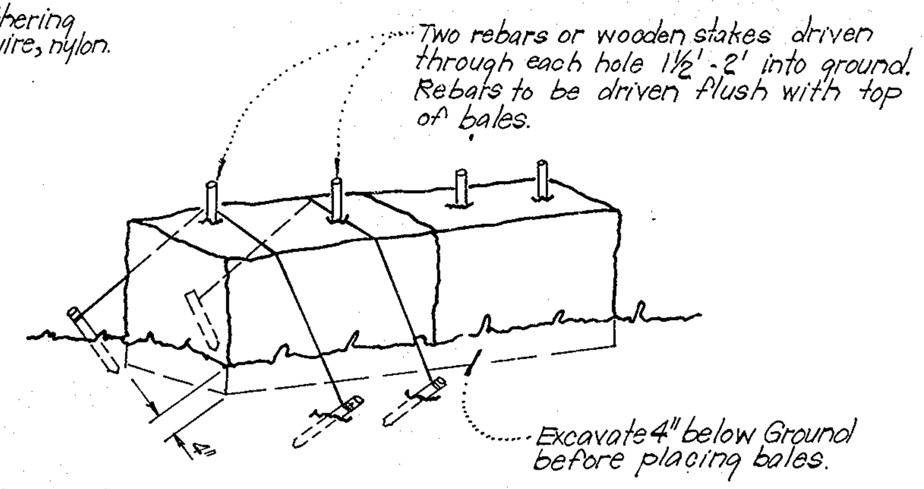
G. Nelson Clark — Date 10-20-81

STATE OF MARYLAND G. NELSON CLARK NO. 7139 REGISTERED PROFESSIONAL ENGINEER

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

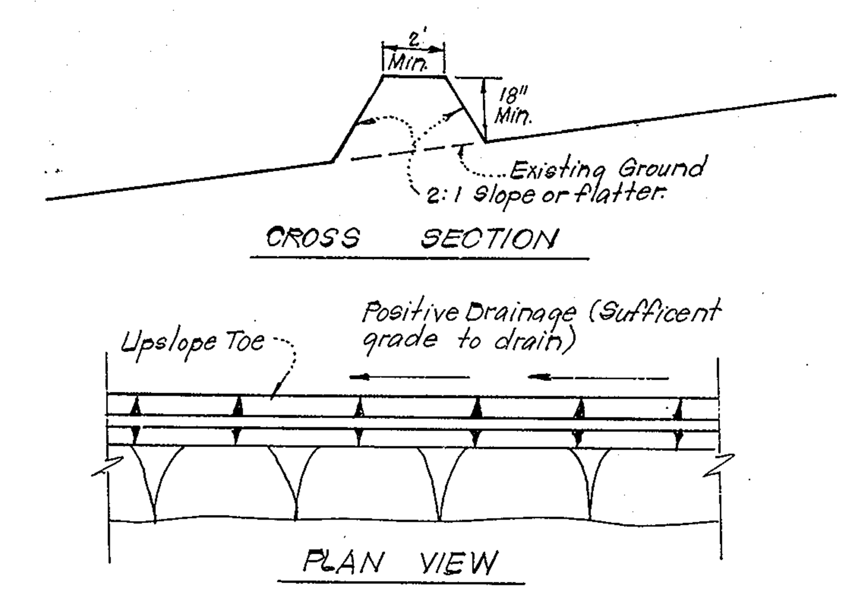
DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN & DRAINAGE AREA MAP PARCEL "C"	SCALE 1"=30'
DRAWN K.J.W.	**COLUMBIA** VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1	DRAWING 3 OF 6
CHECKED R.J.S.	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-047
DATE 10-26-81	FOR: CANADIAN DEVELOPMENT CO. 1100 One Charles Center Baltimore, Md 21201	FILE NO. 80-047-X

SDP-82-25-C



Note:
1. In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale



TYPICAL PERIMETER DIKE DETAIL (P.D.)
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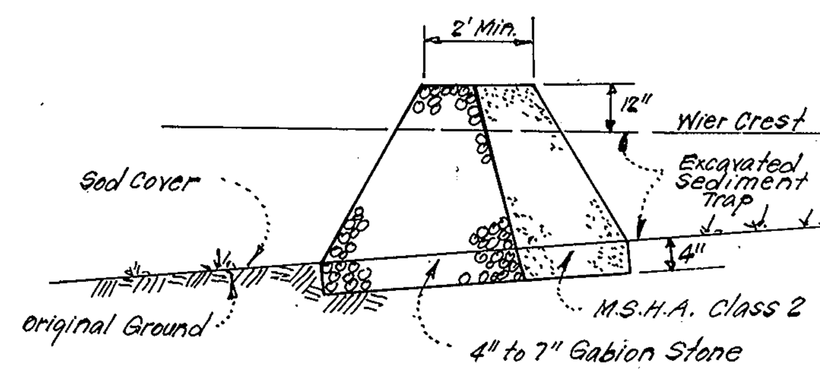
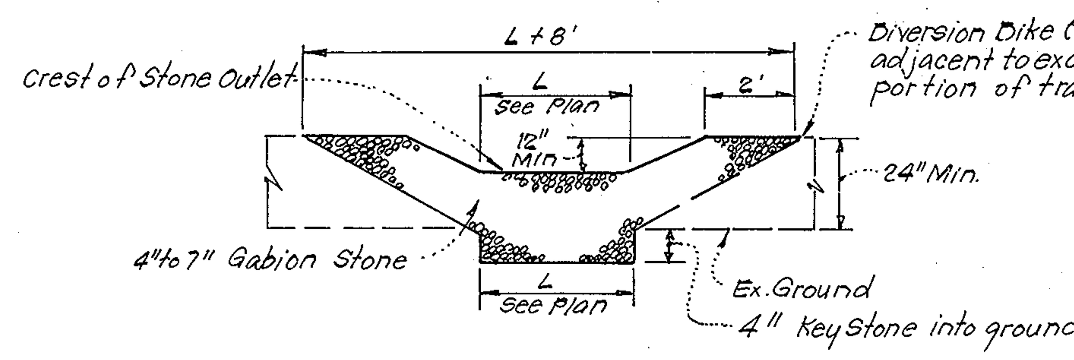


Note: For Dimensions not shown, see plan.

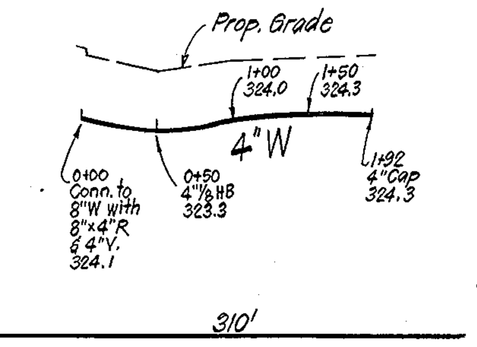
PROFILE

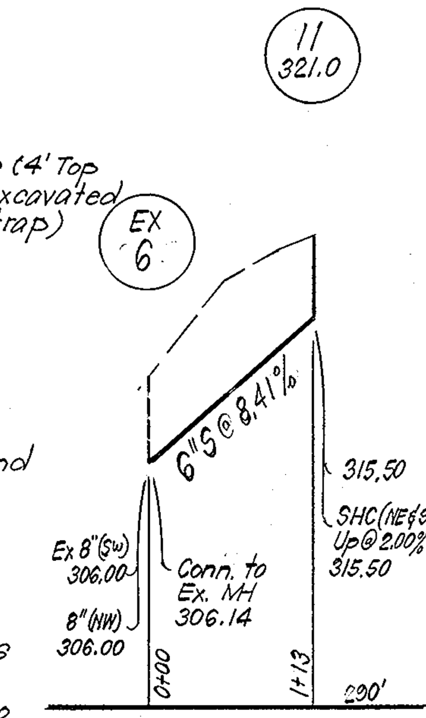


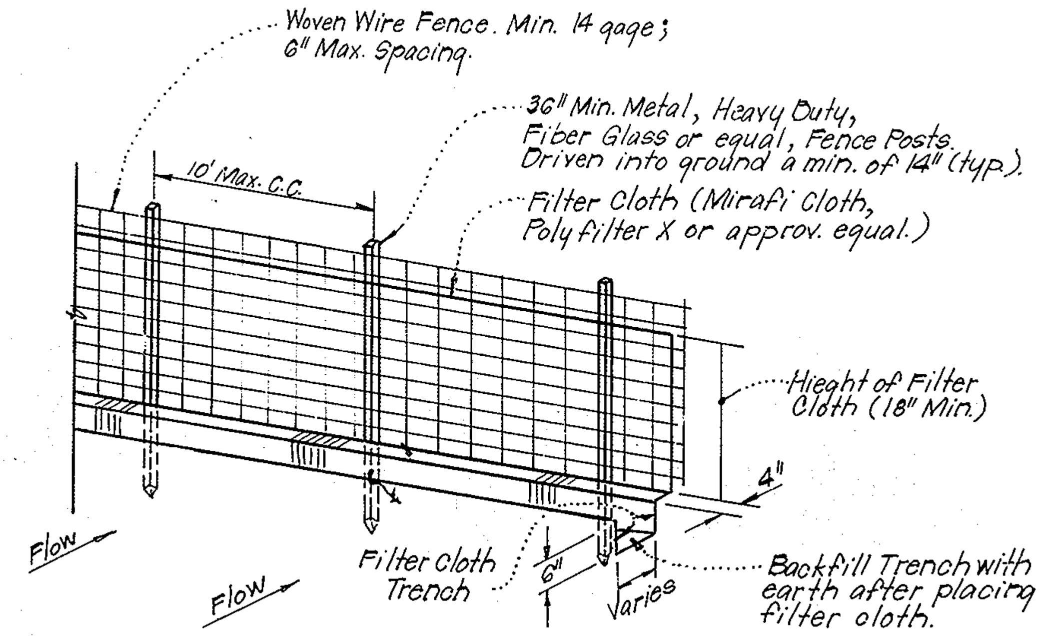
CROSS SECTION

Notes:
1. Sediment Trap to be cleaned out when sediment reaches a level of 1 ft. below crest of stone outlet.
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
3. Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.

DETAILS OF STONE FILTER OUTLET (FOR STONE OUTLET SEDIMENT TRAP)
No Scale

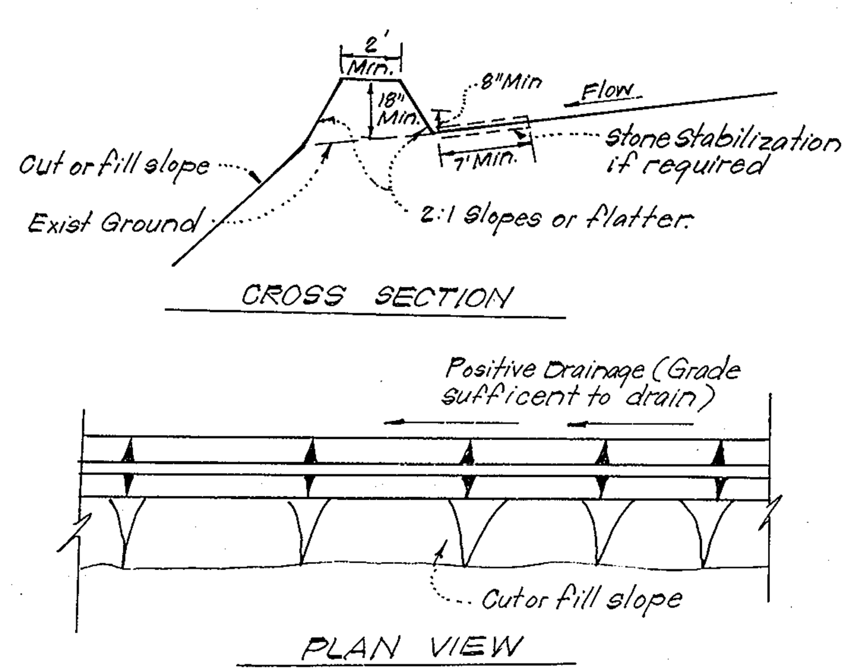






Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



TYPICAL DIVERSION DIKE DETAIL (D.D.)
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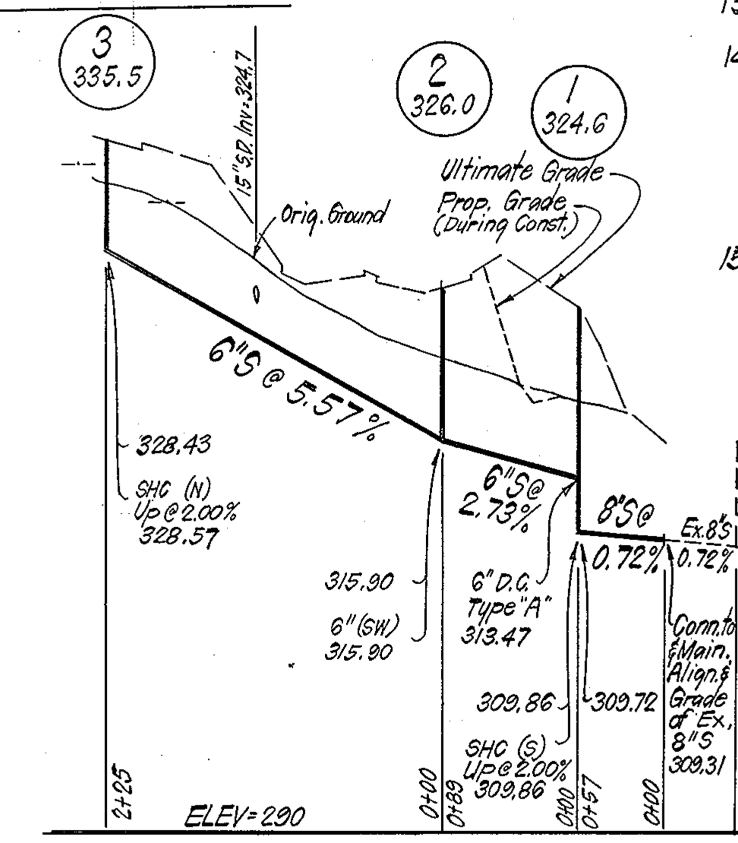
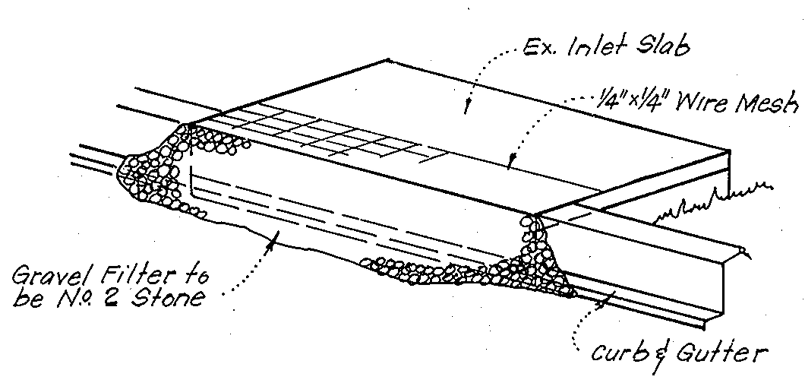
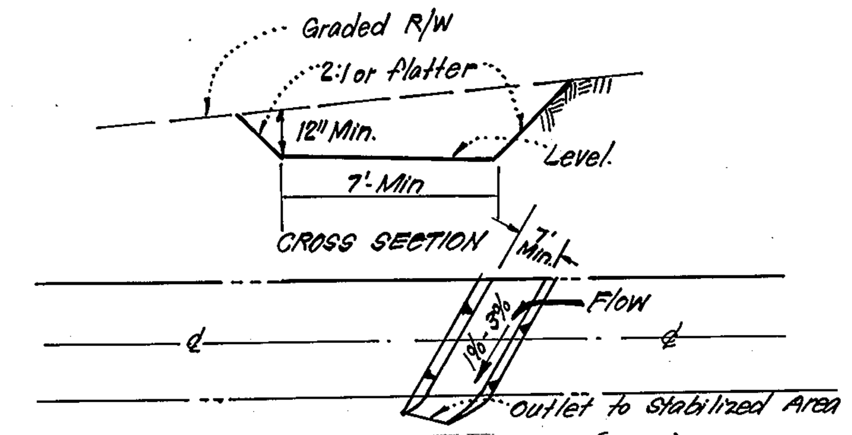
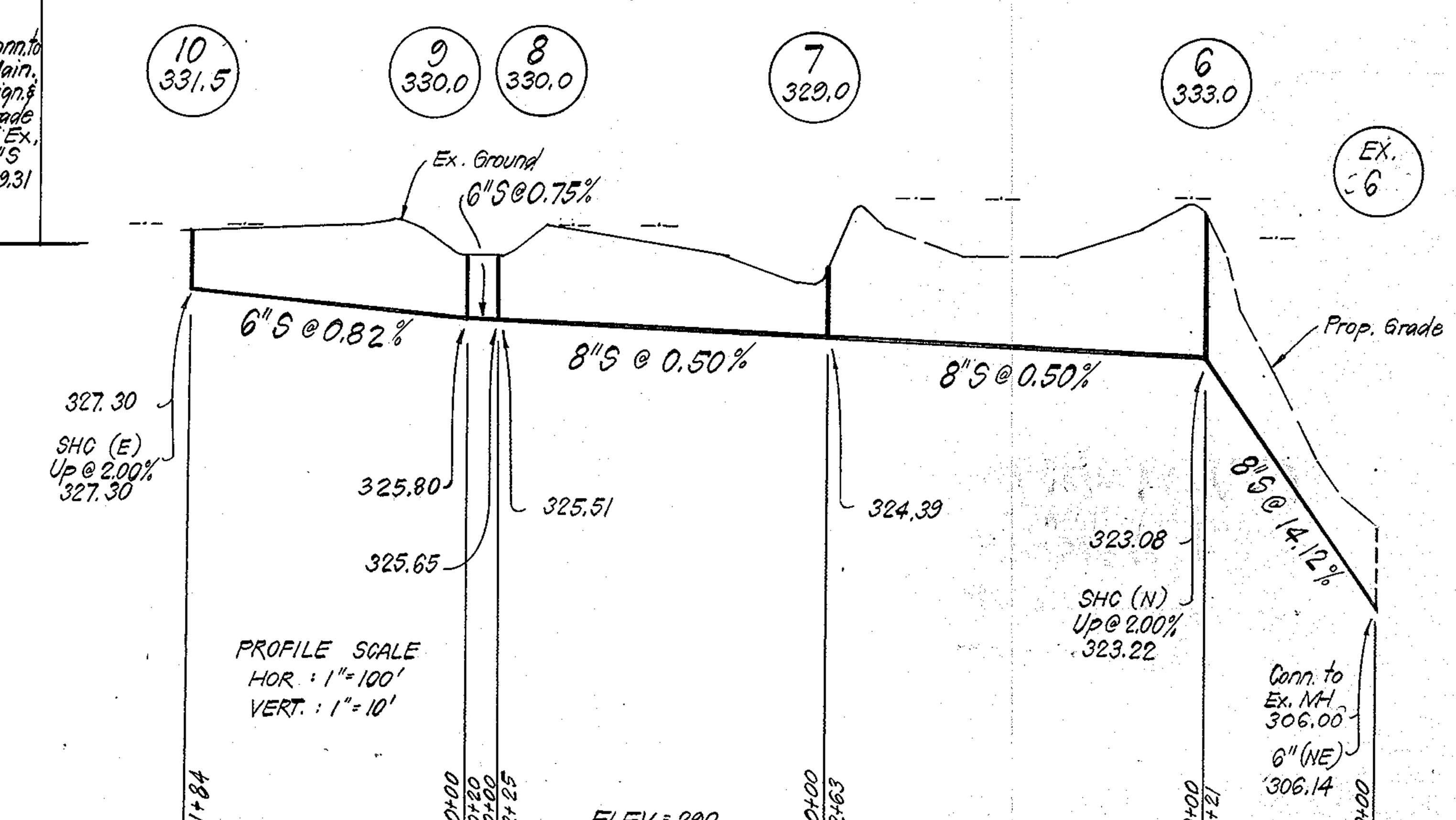


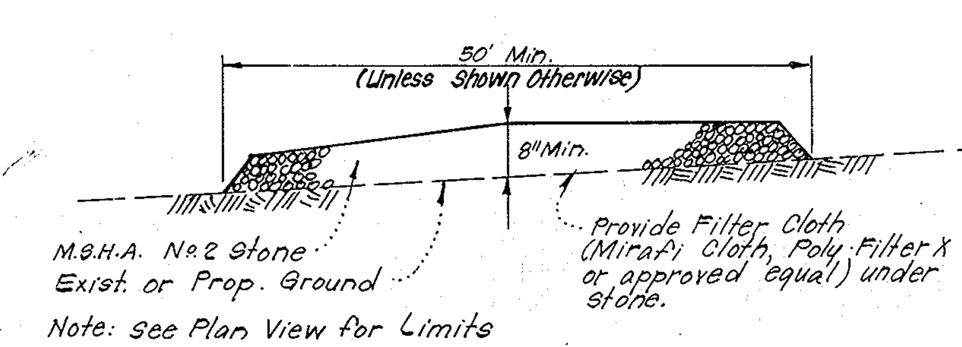


ISOMETRIC VIEW



INTERCEPTOR SWALE (I.S.)
NO SCALE

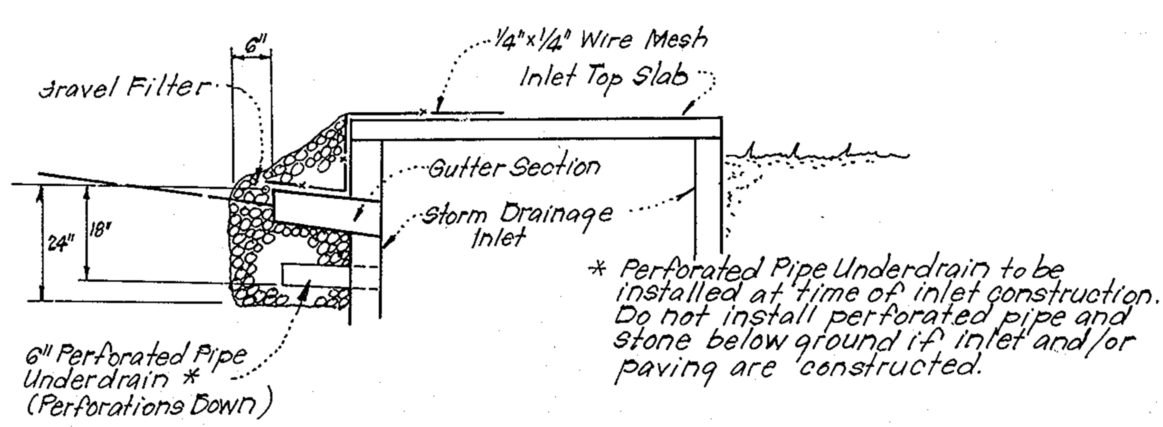




Note: See Plan View for Limits

SECTION VIEW

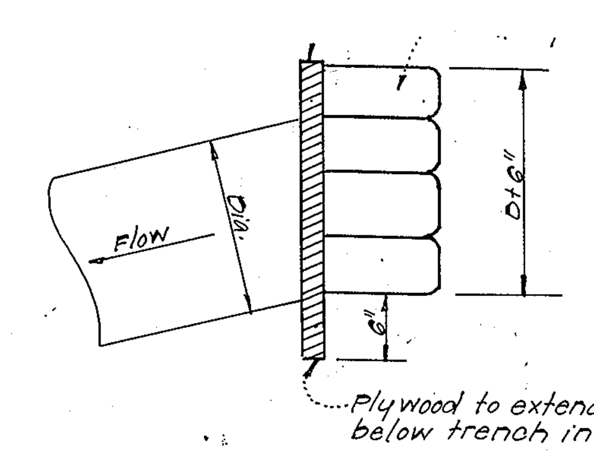
STABILIZED CONSTRUCTION ENTRANCE
No Scale



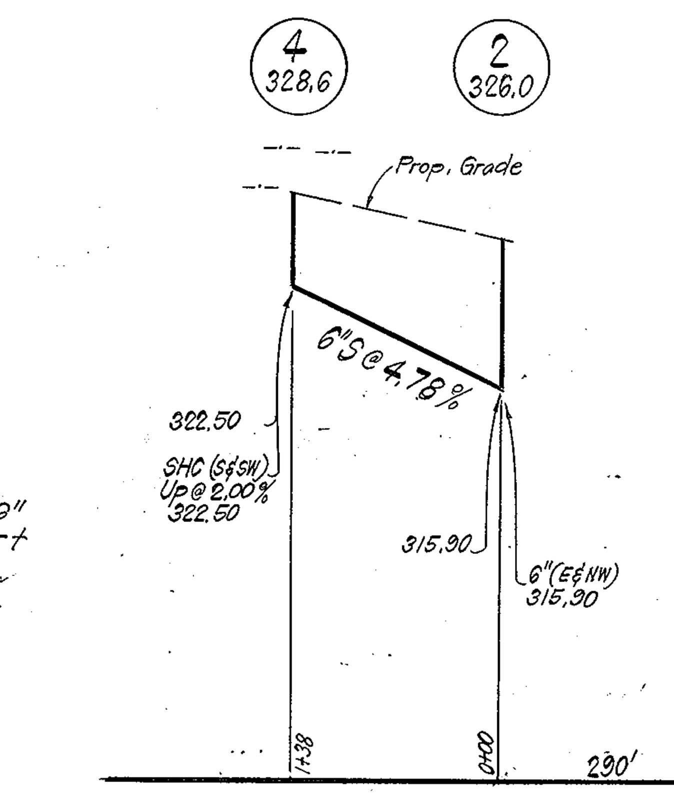
* Perforated Pipe Underdrain to be installed at time of inlet construction. Do not install perforated pipe and stone below ground if inlet and/or paving are constructed.

SECTION VIEW

STONE FILTER INLET PROTECTION (S.F.I.P.)
No Scale



PIPE BLOCKING DETAIL
No Scale



GENERAL NOTES

1. Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
2. All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 s.f.
3. Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
4. All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
5. Stabilization of Disturbed ground to be done as soon after construction as possible.
6. All disturbed area to be stabilized in accordance with the following Specifications:
   A. Seed - certified 85% germination applied at the rate of 3 lbs/1000 s.f. Mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31 and 20% annual rye.
   B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 s.f. Ground Agricultural Lime or Dolomatic Lime applied at a rate of 90 lbs/1000 s.f.
   C. Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method ie; asphalt tacks, chemical binder, etc.
   D. All Sod used shall be Maryland State Certified.
7. All Structural Sediment Control Measures are to remain in place until permission for their removal has be obtained from the Bureau of Inspections and Permits.
8. On-Site Inspection and Maintenance of all Sediment Control Measures including clean-out of Sediment Traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
9. It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
10. The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
11. Approval of this plan is conditional upon the approval of Sediment Control Plan for the offsite waste or borrow area prior to the import of any borrow or export of waste to or from this site.
12. All Pipes to be blocked at the end of each day, see detail this sht.
13. Total Amount of Straw Bales or Silt Fence Shown = 835 LF
14. SITE ANALYSIS:
   A. Total Area: 8.332 Acres
   B. Area to be Roofed: 1.544 Acres
   C. Area to be Paved: 2.767 Acres
   D. Area to be Seeded: 3.355 Acres
   E. Area Undisturbed: 0.666 Acres
15. CONSTRUCTION - SEQUENCE:
   (1) Construct Stabilized Construction Entrances, S.F.I.P's at Ex. I-99 & I-154 and any necessary grading.
   (2) Construct all other sediment & erosion control measures
   (3) Clear & Rough Grade site
   (4) Construct Utilities
   (5) Construct storm drainage and install S.F.I.P.'s.
   (6) Fine grade and construct paving, sidewalks, buildings, etc.
   (7) Remove Sediment & Erosion Control Measures after all areas draining to them have been stabilized.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
COUNTY HEALTH OFFICER [signature]	DATE 10-14-82
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	
PLANNING DIRECTOR [signature]	DATE 10-15-82
CHIEF-DIVISION OF LAND DEVELOP. & ZONING ADMIN. [signature]	DATE 10-15-82
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
DIRECTOR [signature]	DATE 10-14-82
CHIEF BUREAU OF ENGINEERING [signature]	DATE 10-13-82

WATER & SEWER NOTES

1. All Sewer Mains shall be CSPX, VCPX or ACP Class 2400.
2. All materials used for Water & Sewer shall be in accordance with Howard Co. Standards.
3. All W&S Construction shall be performed in accordance with the 1977 Howard Co. Plumbing Code and Howard Co. Standards and Specifications.
4. All Water Mains shall be C.I.P. or D.I.P.
5. All Water Mains shall have a minimum of 3.5' of cover.

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
[signature] 7/28/82
Signature Date
U.S. Soil Conservation Service

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

[signature] 7-28-82
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

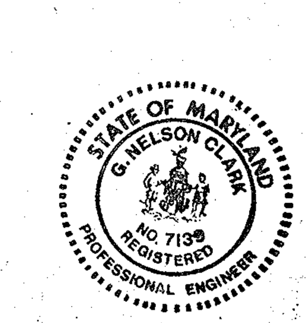
"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training 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."

[signature] 10-19-81
Signature of Developer/Builder Date
Canadian Development Co. by Canadian Investment Corp. of Md. Mark Joseph, Pres.

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] 10-20-81
G. Nelson Clark Date



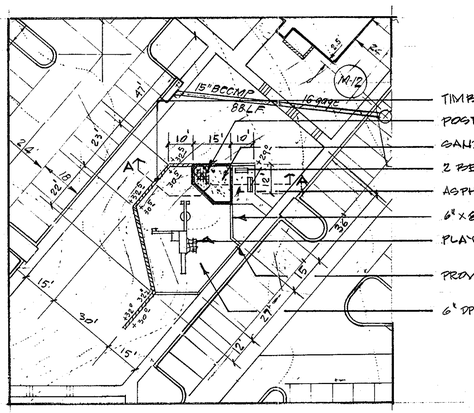
OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
The Rouse Building
Columbia, Maryland 21044

APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 12-16-81

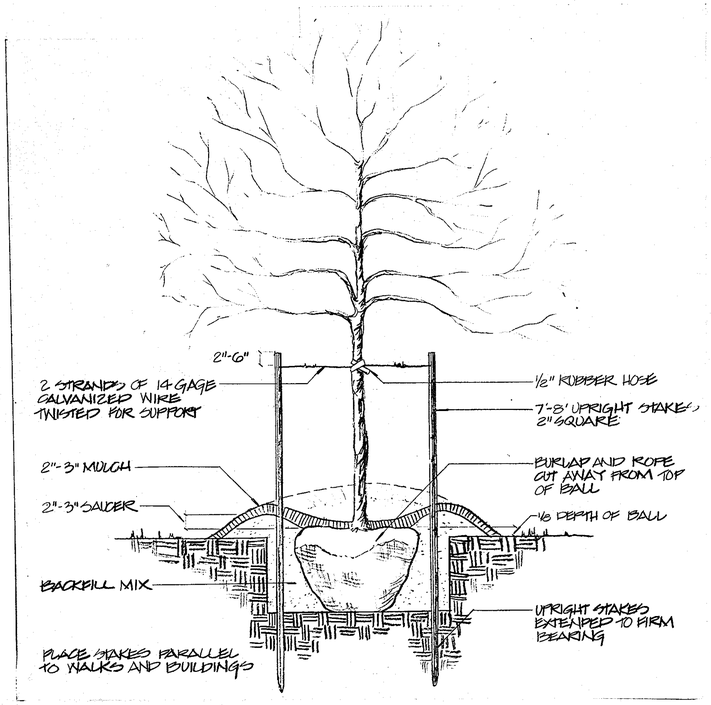
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400

DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN PARCEL "C"	SCALE As Shown
DRAWN K.I.W.	COLUMBIA	DRAWING 4 OF 6
CHECKED R.J.S.	VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-047
DATE 10-26-81	FOR: CANADIAN DEVELOPMENT CO. 1100 One Charles Center Baltimore, Md 21201	FILE NO. 80-047 X

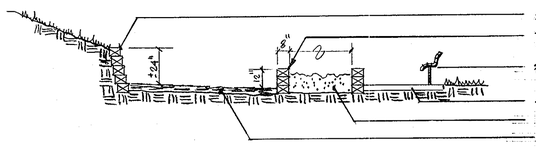
SDP-82-25-C



TOT LOT PLAN
SCALE: 1"=30'-0"



TYPICAL UPRIGHT STAKING DETAIL
NO SCALE



SECTION A-A
NO SCALE

NOTE:
- ALL PREFAB. STRUCTURES TO BE INSTALLED AS PER. MANUF. SPECS.
- ALL TIMBERS TO BE WOLMANIZED
- ALL HARDWARE TO BE GALVANIZED

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY MAPLE	2½-3" CAL 12-14' HT.	61	B&B HEAVY HEADS
	QUERCUS PALUSTRIS PIN OAK	2½-3" CAL 12-14' HT.	52	" " "
	QUERCUS RUBRA (BOREALIS) NORTHERN RED OAK	2½-3" CAL. 12-14' HT	21	" " "
	PRUNUS SERRULATA 'KWANZAN' KWANZAN FLOWERING CHERRY	2-2½" CAL. 8-10' HT.	37	B&B HEAVY HEADS
	MALUS 'AMERICAN BEAUTY' AMERICAN BEAUTY CRABAPPLE	2-2½" CAL. 8-10' HT.	30	" " "
	CRATAEGUS MENHORENSIS 'THORNLESS' TOBA HAWTHORN	2-2½" CAL. 8-10' HT.	22	" " "
	ACER GINNALA AMUR MAPLE	2-2½" CAL. 8-10' CAL.	22	" " "
	PRUNUS CERACIFERA 'THUNDERCLOUD' PURPLELEAF FLOWERING PLUM	2-2½" CAL 8-10' CAL.	15	" " "
	PINUS THUNBERGII JAPANESE BLACK PINE	6-7' HT.	52	B&B HEAVY
	PINUS THUNBERGII JAPANESE BLACK PINE	7-8' HT.	43	" "
	PINUS STROBUS WHITE PINE	6-7' HT.	22	" "
	PINUS STROBUS WHITE PINE	7-8' HT.	17	" "

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12-16-81

NOTES:
- ALL PLANTING SHALL BE IN COMPLIANCE WITH ATTACHED SPECIFICATIONS.
- CONTRACTOR SHALL VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO DIGGING. CALL 'MISS UTILITY'.
- SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT. (593-3400).

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 10-14-82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 10-15-82
CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION — DATE 10-15-82

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 10-16-82
CHIEF BUREAU OF ENGINEERING — DATE 10-13-82

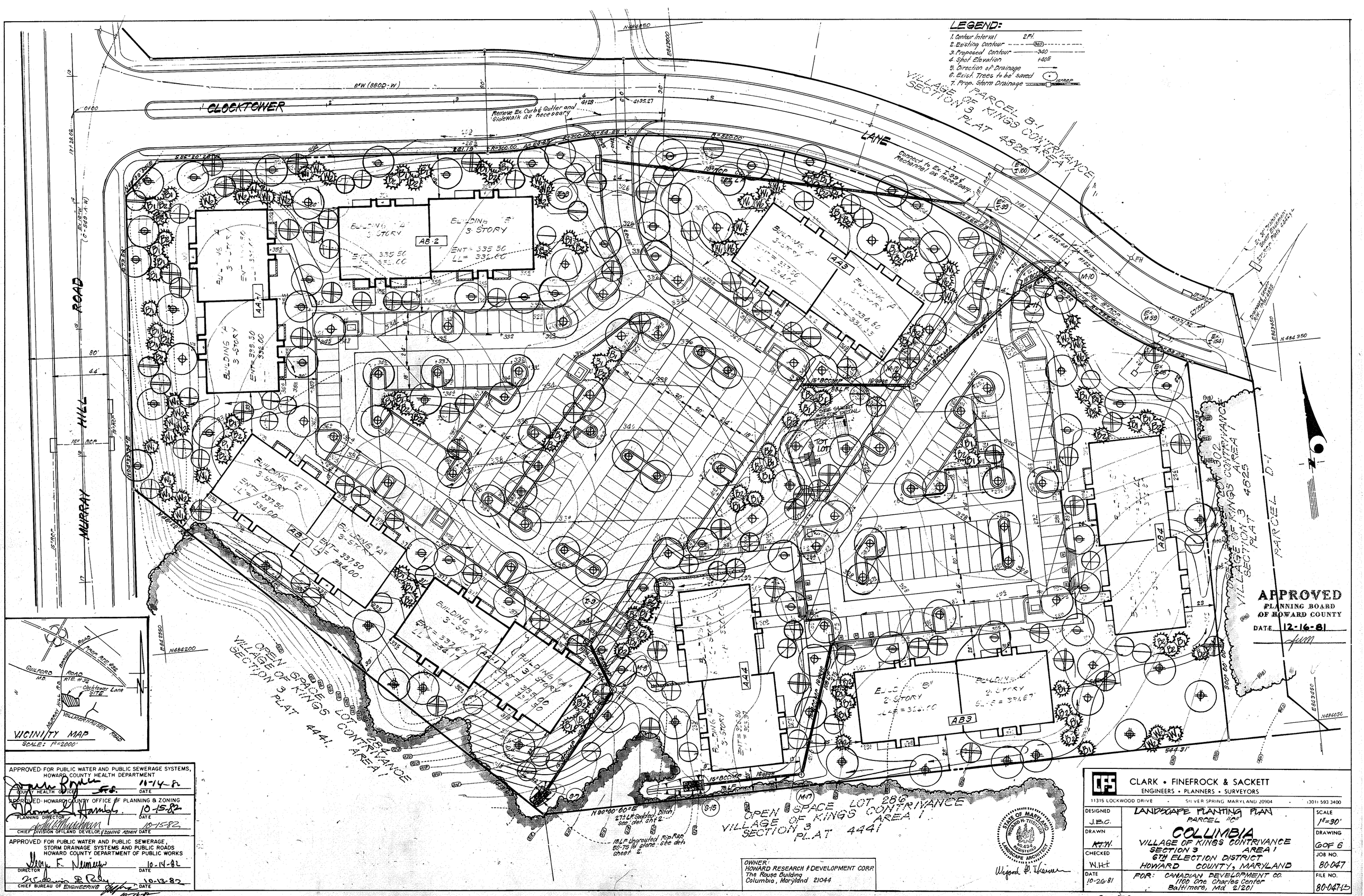
STATE OF MARYLAND
WILFORD H. THOMAS
NO. 434
REGISTERED
LANDSCAPE ARCHITECT

Wilford R. Thomas

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

DESIGNED W.H.T.	**LANDSCAPE PLANTING PLAN** PARCEL "C"	SCALE
DRAWN	COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1	DRAWING 5 OF 6
CHECKED W.H.T.	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-057
DATE 10-26-81	FOR: CANADIAN DEVELOPMENT CO. 1100 ONE CHARLES CENTER BALTIMORE, MD. 21201	FILE NO. 80-057LP

SDP-82-25-C


LEGEND:
1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Exist. Trees to be saved
7. Prop. Storm Drainage
CLOCKTOWER
LANE
MURRAY HILL ROAD
Remove Ex. Curb & Gutter and Sidewalk as necessary
Connect to Ex. I-99 & Rechannel as necessary
BUILDING "A" 3-STORY
BUILDING "B" 3-STORY
BUILDING "E" 3-STORY
AB-2
AA-1
AA3
AA4
AB1
AB3
AB4
TOT LOT
OPEN SPACE LOT 284 VILLAGE OF KINGS CONTRIVANCE SECTION 3 PLAT 4441
OPEN SPACE LOT 286 VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 PLAT 4441
VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 PLAT 4825
PARCEL B-1
PARCEL D-1
VICINITY MAP
SCALE: 1"=2000'
GUILFORD ROAD
Clocktower Lane SITE
VOLLMERHAUSEN ROAD
APPROVED
PLANNING BOARD OF HOWARD COUNTY
DATE 12-16-81
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
DATE 10-14-82
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE 10-15-82
CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN
DATE 10-15-82
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
DATE 10-14-82
CHIEF BUREAU OF ENGINEERING
DATE 10-13-82
OWNER:
HOWARD RESEARCH & DEVELOPMENT CORP.
The Rouse Building
Columbia, Maryland 21044
STATE OF MARYLAND
WIGAND H. THIELMER
NO. 434
REGISTERED
LANDSCAPE ARCHITECT
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE • SILVER SPRING MARYLAND 20904 • (301) 593 3400
DESIGNED J.B.C.
DRAWN K.J.W.
CHECKED W.H.T.
DATE 10-26-81
LANDSCAPE PLANTING PLAN
PARCEL "C"
COLUMBIA
VILLAGE OF KINGS CONTRIVANCE
SECTION 3 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: CANADIAN DEVELOPMENT CO.
1100 One Charles Center
Baltimore, Md 21201
SCALE 1"=30'
DRAWING 6 OF 6
JOB NO. 80-047
FILE NO. 80-047-LS
SDP-82-25-C