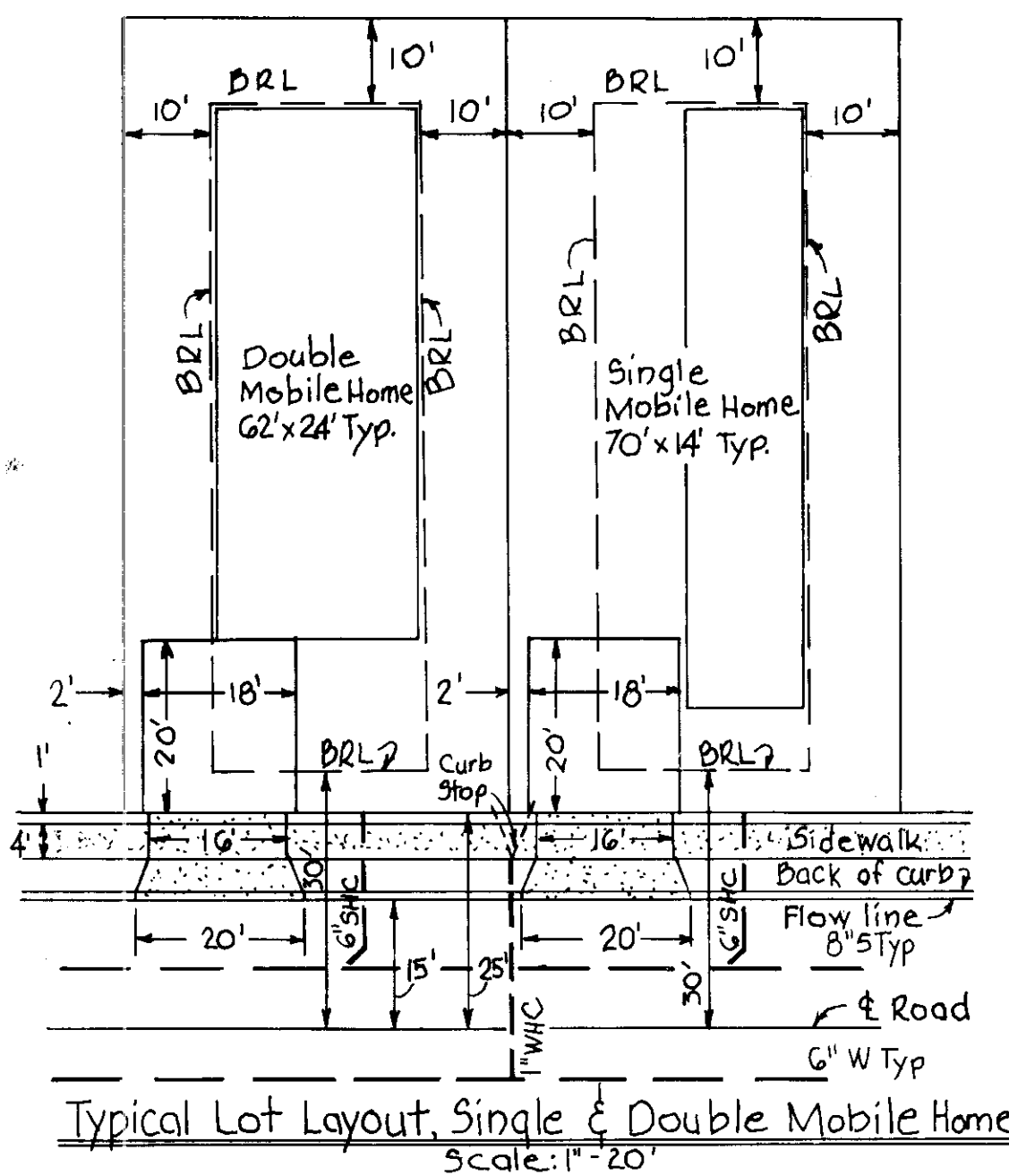
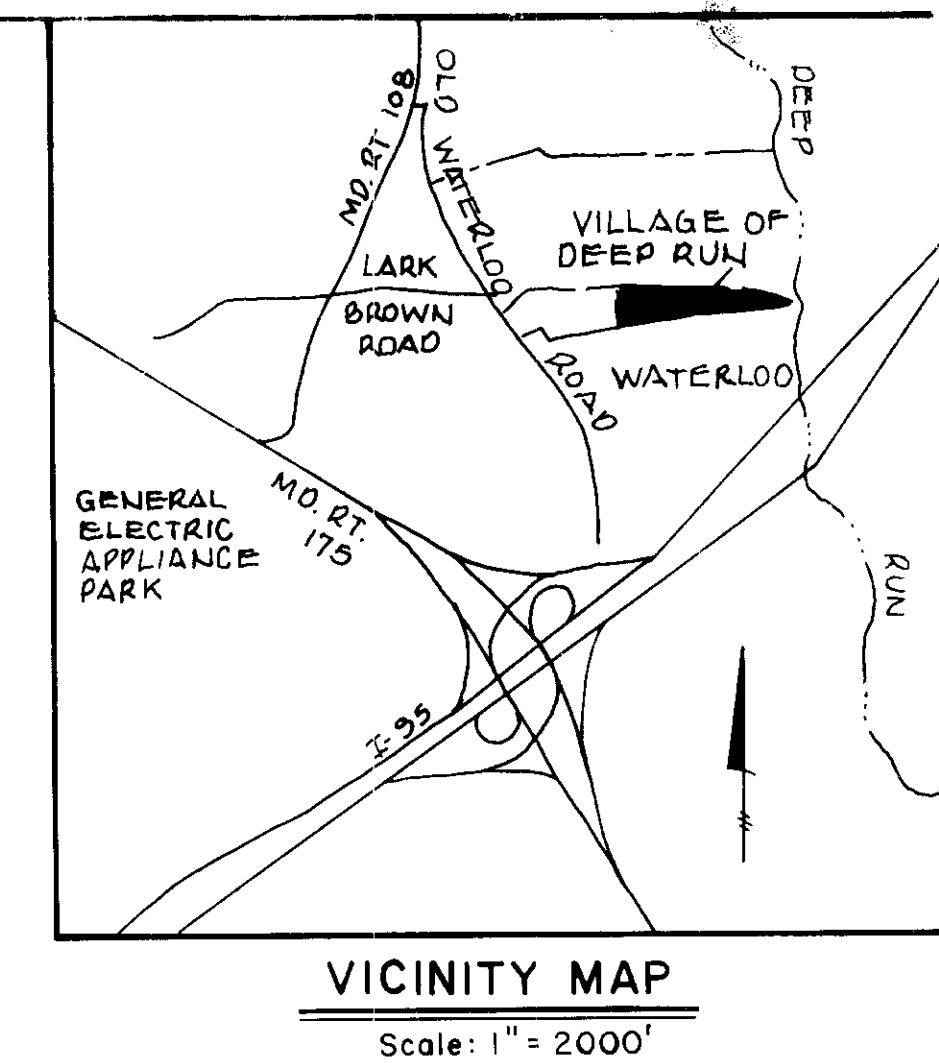
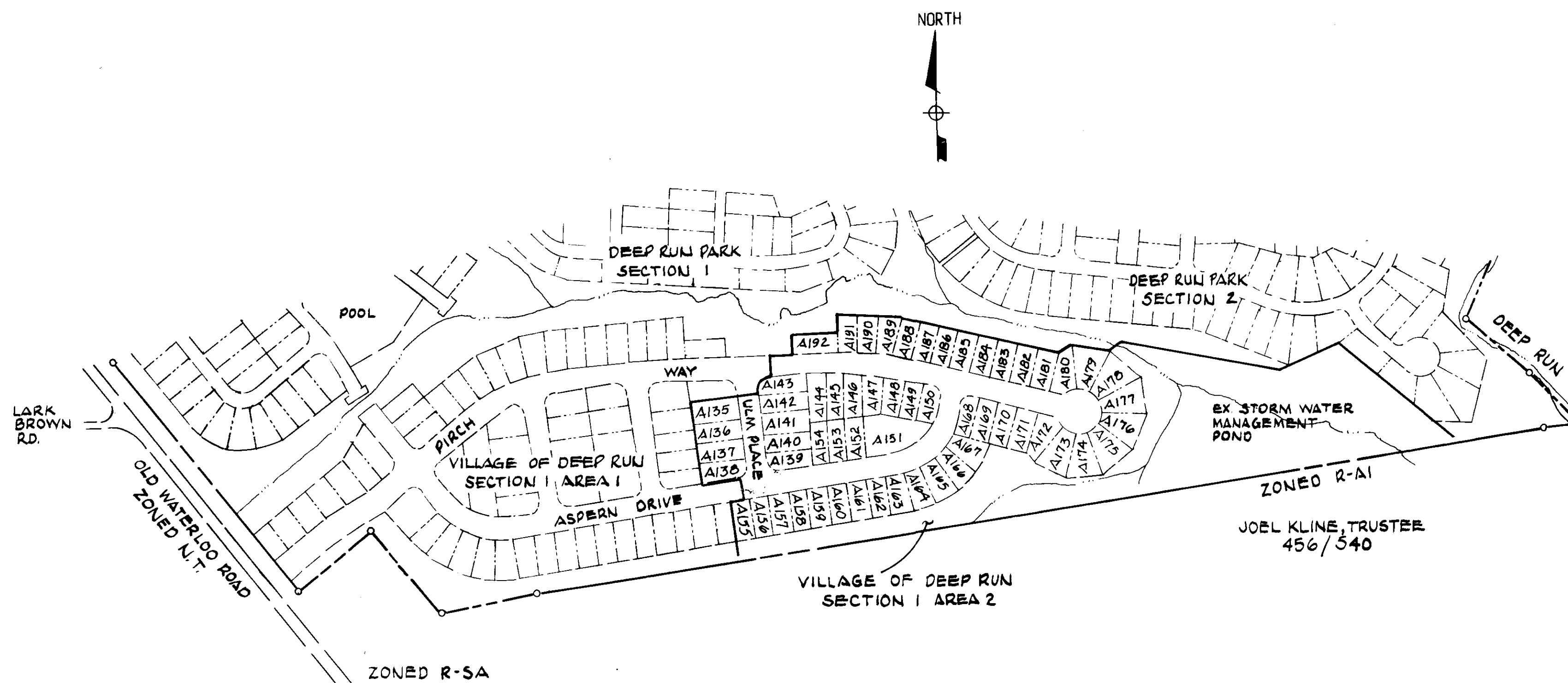
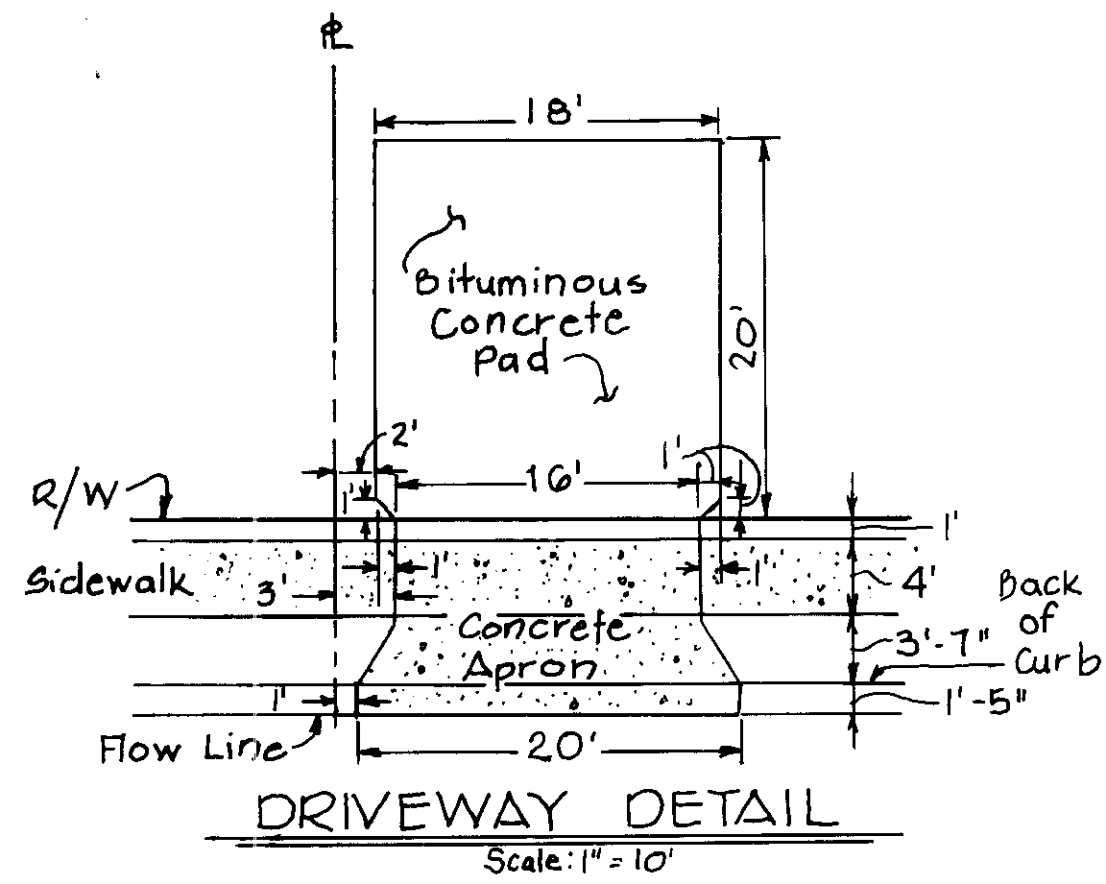


NOTE:

BY LETTER DATED MAY 27, 1981 FROM THE DIRECTOR OF PUBLIC WORKS A WAIVER HAS BEEN GRANTED TO CONSTRUCT DRIVEWAYS 2 FEET FROM THE PROPERTY AND A VARIANCE HAS BEEN GRANTED TO CONSTRUCT A 20 FOOT WIDE CONCRETE APRON AT THE CURB FLOW LINE.



GENERAL NOTES AND SITE DATA

- FOR ROAD CONSTRUCTION DETAILS, STORM DRAIN PROFILES AND DETAILS, SEDIMENT CONTROL NOTES AND DETAILS, AND LANDSCAPE DETAILS, SEE THE ROAD CONSTRUCTION AND SEDIMENT CONTROL DRAWINGS TITLED "VILLAGE OF DEEP RUN, SECTION 1 AND AREA 2, LOTS A-135 TO A-193. A RESUBDIVISION OF PART OF PARCEL "A" HOWARD COUNTY FILE NUMBER T-84-100.
- ZONING RMH.
- TAX MAP 37, PARCEL 163.
- TOTAL AREA: 12.546 AC.
- NUMBER OF DWELLING UNIT LOTS: 58 LOTS.
- TOTAL LOT AREA: 5.972 AC.
- NUMBER OF OPEN SPACE LOTS: 4 LOT.
- OPEN SPACE LOT AREA: 4.719 AC.
- TOTAL NUMBER OF LOTS: 59 LOTS.
- PERCENT OPEN SPACE: 37.6%.
- PARCEL A RECORDED 8/22/80, PLAT 4649 AND 4650.
- MAXIMUM BUILDING COVERAGE ALLOWED PER LOT IS 40%.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24-HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272.

ADDRESS CHART			
LOT NUMBER	STREET ADDRESS	LOT NUMBER	STREET ADDRESS
A135	6606 ULM PLACE	A147	6718 PIRCH WAY
A136	6610 ULM PLACE	A148	6722 PIRCH WAY
A137	6614 ULM PLACE	A149	6726 PIRCH WAY
A138	6618 ULM PLACE	A150	6730 PIRCH WAY
A139	6617 ULM PLACE	A168	6740 PIRCH WAY
A140	6613 ULM PLACE	A169	6744 PIRCH WAY
A141	6609 ULM PLACE	A170	6748 PIRCH WAY
A142	6605 ULM PLACE	A171	6752 PIRCH WAY
A143	6601 ULM PLACE	A172	6756 PIRCH WAY
A144	6601 ASPERN DRIVE	A173	6760 PIRCH WAY
A154	6701 ASPERN DRIVE	A174	6764 PIRCH WAY
A153	6705 ASPERN DRIVE	A175	6768 PIRCH WAY
A152	6709 ASPERN DRIVE	A176	6765 PIRCH WAY
A151	6715 ASPERN DRIVE	A177	6761 PIRCH WAY
A155	6688 ASPERN DRIVE	A178	6757 PIRCH WAY
A156	6692 ASPERN DRIVE	A179	6753 PIRCH WAY
A157	6696 ASPERN DRIVE	A180	6749 PIRCH WAY
A158	6700 ASPERN DRIVE	A181	6745 PIRCH WAY
A159	6704 ASPERN DRIVE	A182	6741 PIRCH WAY
A160	6708 ASPERN DRIVE	A183	6737 PIRCH WAY
A161	6712 ASPERN DRIVE	A184	6733 PIRCH WAY
A162	6716 ASPERN DRIVE	A185	6729 PIRCH WAY
A163	6720 ASPERN DRIVE	A186	6725 PIRCH WAY
A164	6724 ASPERN DRIVE	A187	6721 PIRCH WAY
A165	6728 ASPERN DRIVE	A188	6717 PIRCH WAY
A166	6732 ASPERN DRIVE	A189	6713 PIRCH WAY
A167	6736 ASPERN DRIVE	A190	6709 PIRCH WAY
A144	6706 PIRCH WAY	A191	6705 PIRCH WAY
A145	6710 PIRCH WAY	A192	6701 PIRCH WAY
A146	6714 PIRCH WAY		
		A193	OPEN SPACE

SHEET INDEX

- COVER SHEET
- SITE PLAN
- SETBACK DIMENSION PLAN
- LANDSCAPE PLAN

SUBDIVISION NAME		SECT./AREA	LOT
VILLAGE OF DEEP RUN		1/2	A-135 to A-193
PLAT #	BLOCK #	ZONE	TAX/ZONE MAP
GOOD and GOOD	21	RMH	37
ELEC. DIST.		CELSUS TR.	
1-DO6		2521000 & 2521000	
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT			
<i>Jaym Byle</i>		9-26-85	
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.			
<i>Mark F. Nemy</i>		9-24-85	
CHIEF, BUREAU OF ENGINEERING			
<i>William E. Kelly</i>		9-24-85	
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING			
<i>Thomas L. Harris</i>		10-1-85	
PLANNING DIRECTOR			
<i>John M. Murchison</i>		9-30-85	
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION			

8-27-85
AP [Signature]

100 YEAR FLOOD PLAIN ELEVATIONS			
37	250.3	78	226.1
38	249.0	79	226.1
42	234.4	80	226.1
43	232.6	83	226.1
44	231.8	84	226.1
45	232.1	85	226.1
46	233.2	86	226.1
47	237.2	87	226.1
48	237.6	88	226.1
49	240.8	89	226.1
50	242.1	90	226.1
51	248.6	94	226.1
72	240.6	328	246.6
73	240.6	331	241.9
74	240.3	334	239.4
75	240.3	341	226.9
76	228.4	342	226.1
77	226.1	345	226.1

Whitman, Requardt and Associates

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE, MARYLAND 21218
235-3450

OWNER AND DEVELOPER
SECOND DEEP RUN ASSOCIATES
P.O. BOX 5992
BALTIMORE, MARYLAND 21208

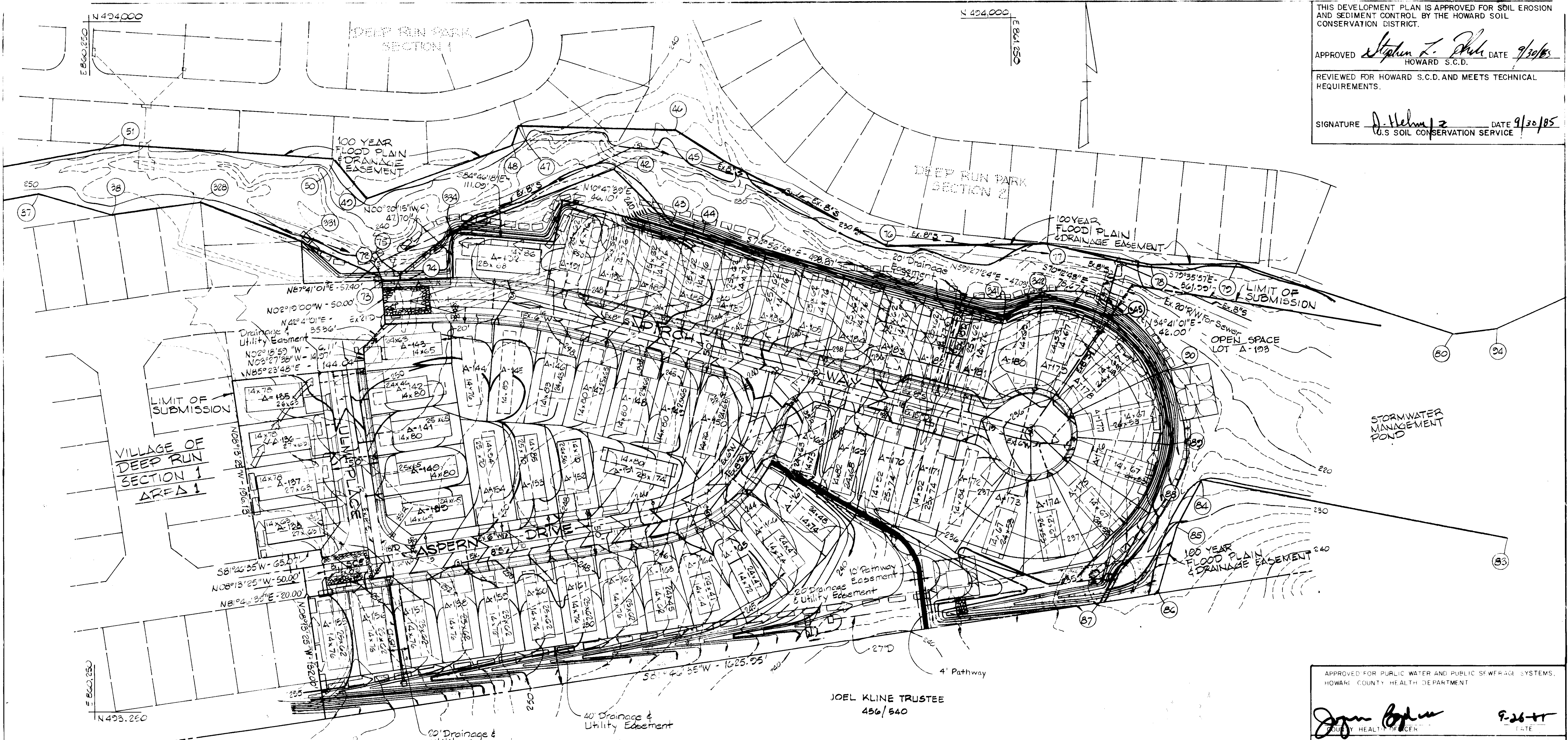
VILLAGE OF DEEP RUN
SECTION 1 AREA 2
LOTS A-135 TO A-193
A RESUBDIVISION OF PART OF PARCEL "A"
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
COVER SHEET
SCALE 1" = 50'
DATE June 28, 1985

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

APPROVED *Stephen F. Pohl* DATE 9/30/85
HOWARD S.C.D.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

SIGNATURE *J. Helms* DATE 9/30/85
U.S. SOIL CONSERVATION SERVICE



PLAN
Scale: 1"=50'

Notes: Sediment control measures have been outlined on this plan, for more detail see sheets 5 and 6.

JOEL KLINE TRUSTEE
450/540

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

John Boyle 9-26-85
COUNTY HEALTH OFFICER DATE

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

James E. Nemy 9-27-85
DIRECTOR DATE

William E. Kelly 9-27-85
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Thomas J. Amig 10-1-85
PLANNING DIRECTOR DATE
William E. Kelly 9-20-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED
DIVISION OF PLANNING AND ZONING
ZONING ADMINISTRATOR
HOWARD COUNTY
DATE 8-27-85
Tom Kelly

RESPONSIBLE PERSONNEL CERTIFICATION
"HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
Stephen F. Pohl 9/16/85
SIGNATURE OF DEVELOPER DATE

OWNER AND DEVELOPER
SECOND DEEP RUN ASSOCIATES
P.O. BOX 5992
BALTIMORE, MARYLAND 21208

CERTIFICATION BY THE ENGINEER
"I 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."
Kenneth A. Mulcahl 9-16-85
SIGNATURE OF ENGINEER DATE

CERTIFICATION BY THE DEVELOPER
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY."
Joel Kline 9/16/85
SIGNATURE OF DEVELOPER DATE

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE, MARYLAND 21218
235-3450

VILLAGE OF DEEP RUN
SECTION 1 AREA 2
LOTS A-135 TO A-193
A RESUBDIVISION OF PART OF PARCEL "A"
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SITE DEVELOPMENT PLAN
SCALE 1"=50' DATE June 28 1985



PLAN
Scale: 1" = 50'

LOT AREA SCHEDULE			
LOT	AREA (SF)	LOT	AREA (SF)
A135	4489	A165	4744
A136	4418	A166	4783
A137	4418	A167	4794
A138	4338	A168	4509
A139	4058	A169	4600
A140	4275	A170	4869
A141	4275	A171	4869
A142	4273	A172	4749
A143	4198	A173	5166
A144	4271	A174	5166
A145	4710	A175	5166
A146	4551	A176	5166
A147	4275	A177	5166
A148	4275	A178	5166
A149	4275	A179	5166
A150	4480	A180	4372
A151	4174	A181	4140
A152	4137	A182	4140
A153	4634	A183	4140
A154	5055	A184	4140
A155	4140	A185	4140
A156	4140	A186	4140
A157	4140	A187	4140
A158	4140	A188	4140
A159	4140	A189	4140
A160	4140	A190	4140
A161	4140	A191	4200
A162	4140	A192	4886
A163	4161	A193	205,566
A164	4427		

Building Setbacks

- Side : 10' Minimum
- Rear : 10' Minimum
- Front : 5' Minimum
- Separation : 20' Minimum

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

[Signature] 9-26-81
COUNTY HEALTH OFFICER DATE

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

[Signature] 9-24-81
DIRECTOR DATE

[Signature] 10-1-85
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

[Signature] 10-1-85
PLANNING DIRECTOR DATE

[Signature] 9-30-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 8-27-85

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE, MARYLAND 21218
235-3450

OWNER AND DEVELOPER
SECOND DEEP RUN ASSOCIATES
P.O. BOX 5992
BALTIMORE, MARYLAND 21208

VILLAGE OF DEEP RUN
SECTION 1 AREA 2
LOTS A-135 TO A-193
A RESUBDIVISION OF PART OF PARCEL "A"
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SETBACK DIMENSION PLAN
SCALE 1" = 50' DATE June 20, 1985



PLAN
Scale: 1"=50'

CODE	NAME	SIZE	QUANT.
⊕	ACER RUBRUM - RED MAPLE	2 1/2" CAL.	25
⊕	FRAXINUS LANCEOLATA - GREEN ASH	2 1/2" CAL.	9
⊕	LIQUIDAMBER STYRACIFLUA - SWEETGUM	2 1/2" CAL.	35
⊕	PINUS STROBUS - WHITE PINE *	6'-10'	18
⊕	PINUS THUNBERGII - JAPANESE BLACK PINE *	8'-10'	22

* Minimum Caliper 2 1/2 inches for pine trees.
PLANTING NOTE:
 STREET TREES SHALL BE ADJUSTED AS TO LOCATION BASED ON FIELD CONDITIONS (GRADES, PARKING ETC.)

DIVISION OF PLANNING
 DATE 8-27-85
[Signature]

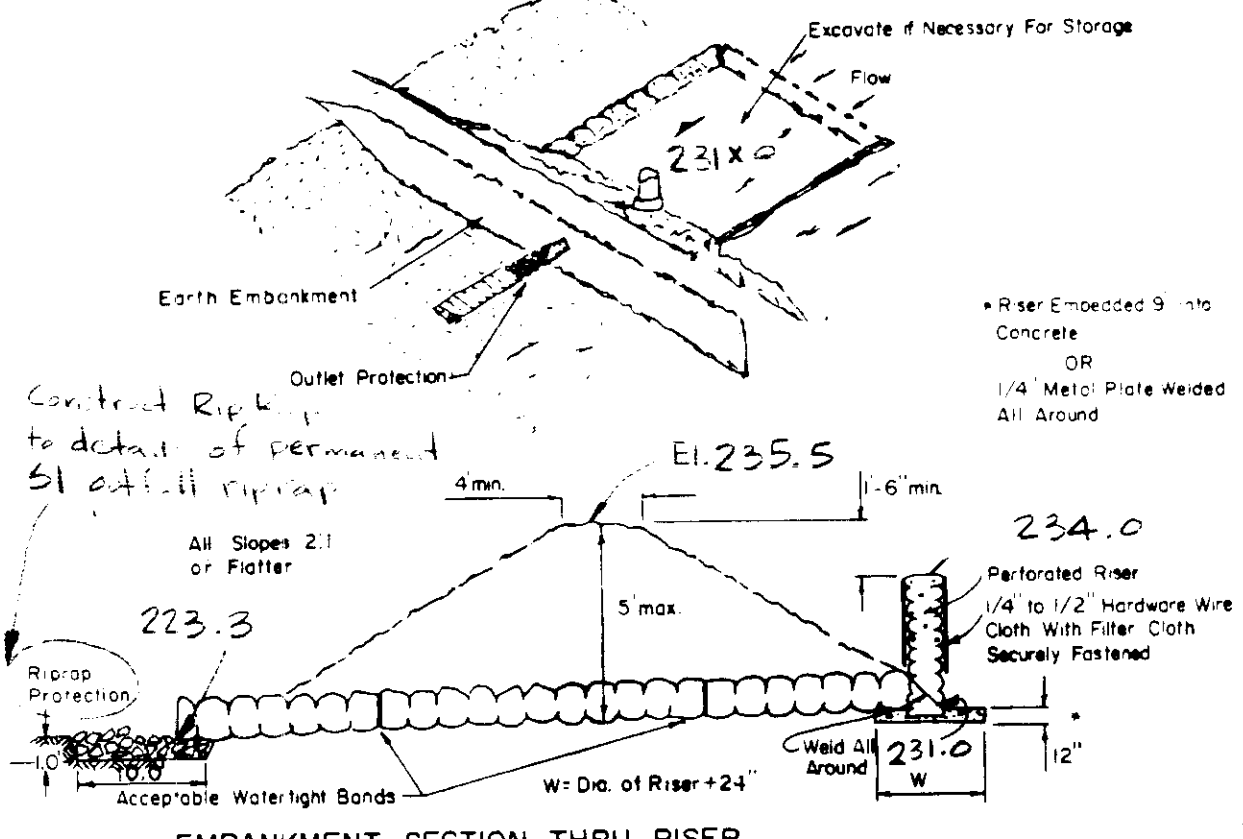
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 9-26-85
 APPROVED PUBLIC WATER, PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS, AND ROADS,
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
[Signature] 9-24-85
 APPROVED FOR ENGINEERING
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
[Signature] 10-1-85
[Signature] 9-30-85
 CHIEF, DIVISION OF LAND DEVELOPMENT
 AND ZONING ADMINISTRATION

[Handwritten Signature]

WHITMAN, REQUARDT AND ASSOCIATES
 ENGINEERS
 2315 SAINT PAUL STREET
 BALTIMORE, MARYLAND 21218
 235-3450

OWNER AND DEVELOPER
 SECOND DEEP RUN ASSOCIATES
 P.O. BOX 5992
 BALTIMORE, MARYLAND 21208

VILLAGE OF DEEP RUN
 SECTION 1 AREA 2
 LOTS A-135 TO A-193
 A RESUBDIVISION OF PART OF PARCEL "A"
 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 LANDSCAPE PLAN
 SCALE 1"=50' DATE June 28, 1985
 sh. 4 of 6



SIZES OF PIPE NEEDED

Barrel Diameter	21"
Riser Diameter	27"

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material, or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
- Volume of sediment storage shall be 1800 cubic feet per acre of contributory drainage.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution are minimized.
- The structure shall be removed and area stabilized when the drainage area has been properly stabilized.
- All fill slopes shall be 2:1 or flatter; cut slopes 1:1 or flatter.
- All pipe connections shall be watertight.
- The top 2/3 of the riser shall be perforated with one (1) inch diameter holes or slits spaced six(6) inches vertically and horizontally and placed in the concave portion of pipe. No holes will be allowed within six(6) inches of the horizontal barrel.

- The riser shall be wrapped with 1/4 to 1/2 inch hardware cloth wire then wrapped with filter cloth (having an equivalent sieve size of 40 - 80). The filter cloth shall extend six (6) inches above the highest hole and six (6) inches below the lowest hole. Where ends of filter cloth come together, they shall be overlapped, folded and stapled to prevent bypass.
- Straps or connecting bands shall be used to hold the filter cloth and wire fabric in place. They shall be placed at the top and bottom of the cloth.
- Fill material around the pipe spillway shall be hand compacted in four(4) inch layers. A minimum of two (2) feet of hand-compacted backfill shall be placed over the pipe spillway before crossing it with construction equipment.
- The riser shall be anchored with either a concrete base or steel plate base to prevent flotation. For concrete bases the depth shall be 12 inches with the riser embedded nine (9) inches. A 1/4 inch minimum thickness steel plate shall be attached to the riser by a continuous weld around the bottom to form a watertight connection and then place two (2) feet of stone, gravel, or tamped earth on the plate.

No disturbance of existing stream channel is permitted.

Limit of disturbed area.

Straw Bale Dike, Detail S.D.-1, page 11.02.07
Silt Fence, Detail SF-1, page 12.03

Temporary Sediment Trap #2
Pipe Outlet Sediment Trap
Detail ST-1, page 15.07
21" Barrel Dia.
27" Riser Dia.

No disturbance of existing stream channel is permitted.

Silt Fence, Detail SF-1, page 12.03

Stabilized Construction Entrance, Detail SCE-1, page 14.03

Perimeter Dike/Swale, Detail P.D.S.-1, page 17.03

Stabilized Construction Entrance, Detail SCE-1, page 14.03

Perimeter Dike/Swale, Detail P.D.S.-1, page 17.03

Clean water diversion through 27" drain

Stone Outlet Structure, 6' width

Stone Outlet Structure
6' width, see stone outlet of stone outlet sediment trap ST-V.

Rip-Rap Stone
0.50 - 6"

Stone Outlet Structure, 6' width

CERTIFICATION BY THE DEVELOPER
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY."

Signature of Developer: *Shel...* DATE: 9/16/05

OWNER AND DEVELOPER
SECOND DEEP RUN ASSOCIATES
P.O. BOX 5992
BALTIMORE, MARYLAND 21208

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 8-27-05

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

APPROVED: *Stephen...* DATE: 9/23/05
HOWARD S.C.D.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

SIGNATURE: *James...* DATE: 9/23/05
U.S. SOIL CONSERVATION SERVICE

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

Signature: *Joyan...* DATE: 9-26-05
COUNTY HEALTH OFFICER

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

Signature: *Wm. F. Nemy* DATE: 9-24-05
DIRECTOR

Signature: *...* DATE: 9-20-05
CHIEF, BUREAU OF ENGINEERING

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Signature: *Donald...* DATE: 9-3-05
PLANNING DIRECTOR
Signature: *...* DATE: 9-3-05
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

VILLAGE OF DEEP RUN

SECTION 1 AREA 2
LOTS A-135 TO A-193
A RESUBDIVISION OF PART OF PARCEL "A"
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE 1" = 50'

DATE June 28, 1985

Kenneth McLaughlin

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE, MARYLAND 21218
235-3450

RESPONSIBLE PERSONNEL CERTIFICATION
"HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

Signature: *Shel...* DATE: 9/16/05
SIGNATURE OF DEVELOPER

CERTIFICATION BY THE ENGINEER
"I 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: *Kenneth McLaughlin* DATE: 9/16/05
SIGNATURE OF ENGINEER

SEQUENCE OF CONSTRUCTION

1. NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AND THE HOWARD COUNTY BUREAU OF LICENSES. INSPECTIONS AND PERMITS 48-HOURS BEFORE ANY WORK BEGINS.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES.
3. CONSTRUCT STORM DRAIN SYSTEMS S2 TO I7, S3 TO I8, AND PART OF S1 TO I2 (DIVERT REACH BELOW I1 INTO TRAP #2 BY LEAVING OFF LOWER SECTION OF REACH TOWARD S1). I8 SHALL FUNCTION AS A CLEAN WATER DIVERSION. CONSTRUCT DITCHES PARALLEL TO SOUTH PROPERTY LINE. STABILIZE WITH SEED, MULCH AND EROSION NETTING IN ACCORDANCE WITH STANDARDS.
4. BLOCK INLETS 4 AND 7 ACCORDING TO DETAIL IPD-1 PAGE 2 OF THE STANDARDS AND SPECIFICATIONS.
5. CLEAN AND GRUB SEDIMENT TRAP AND DIKE AREAS.
6. CONSTRUCT DIKES, SEDIMENT TRAPS AND OTHER SEDIMENT CONTROL DEVICES. TRAPS 1 AND 2 LIE WITHIN FILL AREAS. PROTECT THE BASE OF FILLS WITH STRAW BALES OR SILT FENCE AS SHOWN ON THE PLANS. CONSTRUCT THE FILL ONLY AS NECESSARY TO CONSTRUCT THE TRAPS. FOR TRAP 1 UTILIZE I7 AS THE OUTLET.
7. ROUGH GRADE REMAINING AREAS.
8. CONSTRUCT REMAINING UTILITIES AND PAVE ROAD.
9. STABILIZE ALL REMAINING DISTURBED AREAS.
10. WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS, DEWATER AND BACKFILL TRAPS. EXTEND STORM DRAIN FROM I1 TO S1 AND STABILIZE THESE AREAS.

SCHEDULE

ABOVE ITEM	DATE
1-2	JULY, 1985
2-6	AUGUST, 1985
7	AUGUST - NOVEMBER 1985
8	SEPTEMBER - NOVEMBER 1985
9	NOVEMBER, 1985
10	DECEMBER, 1985

STABILIZED CONSTRUCTION ENTRANCE
not to 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 slope 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.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
College Park, Md.

STABILIZED CONSTRUCTION ENTRANCE
Standard Drawing SCE-1

PERIMETER DIKE/SWALE
not to scale

CONSTRUCTION SPECIFICATIONS

1. ALL PERIMETER DIKE/SWALE SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
2. DIVERTED RUNOFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
3. DIVERTED RUNOFF FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSION VELOCITY.
4. THE SWALE SHALL BE EXCAVATED OR SHARPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE STANDARD.
5. STABILIZATION OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE DONE IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SEED AND STRAW MULCH, AND SHALL BE DONE WITHIN 10 DAYS.
6. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

Max Drainage Area Limit: 2 Acres

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

PERIMETER DIKE/SWALE
Standard Drawing PDS-1

STONE OUTLET SEDIMENT TRAP #2

CONSTRUCTION SPECIFICATIONS FOR ST-V

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized 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 riprap 4"-8" along with a 1' thickness of 2" aggregate placed on the up-grade side on the small riprap on embedded filter cloth in the riprap.
5. Sediment shall be removed and trap restored to its original dimensions when 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.

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

Maximum Drainage Area: 5 Acres

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

STONE OUTLET SEDIMENT TRAP
Standard Drawing ST-X

STRAW BALE DIKE

CONSTRUCTION SPECIFICATIONS

1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ADJUTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE 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 USEFULNESS SO AS NOT TO BLOCK OR INPIDE STORM FLOW OR DRAINAGE.

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

STRAW BALE DIKE
Standard Drawing SBD-1

INLET PROTECTION DETAIL

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

INLET PROTECTION DETAIL
Standard Drawing IPD-1

SEDIMENT TRAP DATA SCHEDULE

NUMBER	DRAINAGE AREA (AC)	REQUIRED VOLUME (CF)	CREST ELEVATION (FT.)	BOTTOM ELEVATION (FT.)	DIMENSIONS @ BOTTOM (FT. X FT.)	STONE OUTLET WIDTH (FT.)	SUPPLIED VOLUME (CF)
1	1.17	3070	245.96	244.00	SEE PLAN	7'	3300
2	4.54	8170	234.00	229.90	196' X 63.6'	7'	8290
3	1.20	2160	234.00	231.00	23' X 20'	7'	2300

CERTIFICATION BY THE DEVELOPER
"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS DEEMED NECESSARY."

David Jones
SIGNATURE OF DEVELOPER
9/16/85
DATE

RESPONSIBLE PERSONNEL CERTIFICATION
"HEREBY CERTIFY THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."

David Jones
SIGNATURE OF DEVELOPER
9/16/85
DATE

CERTIFICATION BY THE ENGINEER
"I 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."

Kenneth McNeal
SIGNATURE OF ENGINEER
9/16/85
DATE

Kenneth McNeal

WHITMAN, REQUARDT AND ASSOCIATES
ENGINEERS
2315 SAINT PAUL STREET
BALTIMORE, MARYLAND 21218
235-3450

RIPRAP OUTLET SEDIMENT TRAP ST-VI

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
COLLEGE PARK, MARYLAND

RIPRAP OUTLET SEDIMENT TRAP
Standard Drawing ST-VI

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

APPROVED *Stephen L. Hule* DATE 9/23/85
HOWARD S.C.D.

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.

SIGNATURE *James M. Hule* DATE 7/23/85
U.S. SOIL CONSERVATION SERVICE

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

James M. Hule 9-23-85
COUNTY HEALTH OFFICER DATE

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

Walter F. Nemy 9-24-85
DIRECTOR DATE

James M. Hule 9-24-85
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

James M. Hule 10-1-85
PLANNING DIRECTOR DATE

John W. Marchant 9-20-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 8-27-85
John W. Marchant

VILLAGE OF DEEP RUN
SECTION 1 AREA 2
LOTS A-135 TO A-193
A RESUBDIVISION OF PART OF PARCEL "A"
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SEDIMENT CONTROL NOTES & DETAILS DATE: June 28, '85
SCALE: NONE

OWNER AND DEVELOPER
SECOND DEEP RUN ASSOCIATES
P.O. BOX 5992
BALTIMORE, MARYLAND 21208