DEVELOPER'S CERTIFICATION

I HEREBY CERTIFY THAT I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN AND THAT ALL CLEARING, GRADING, CONSTRUCTION, AND OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT

FREDERICK J. NEWBERGER — 21 FEB 1984 DATE

ENGINEER'S CERTIFICATION

I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICABLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE AND THAT THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR "DEVELOPING AREAS". I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER/DEVELOPER.

LOUIS A. SPITTEL — 21 FEB. 1984 DATE

STATE OF MARYLAND — LOUIS ROBERT SPITTEL — NO. 3903 — REGISTERED PROFESSIONAL ENGINEER

REVIEWED FOR HO. SOIL CONSERVATION DISTRICTS & MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION DISTRICT — 8-2-84 DATE

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

HO. SOIL CONSERVATION DISTRICT — 8-2-84 DATE

SEDIMENT CONTROL NOTES

1. OBTAIN GRADING PERMIT
2. THE HO. COUNTY BUREAU OF LICENSE, INSPECTIONS, AND PERMITS SHALL BE GIVEN 48 HRS. NOTICE PRIOR TO ANY GRADING OPERATION.
3. ALL VEGETATIVE SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS, UNLESS OTHERWISE NOTED, SHALL INSTALLED IN ACCORDANCE WITH NOTE # 5.
4. ALL SLOPES SHALL BE MAX. 3:1
5. FOLLOWING THE STABILIZATION OF ALL AREAS TO BE UP-GRADED, SEDIMENT CONTROL MEASURES MAY BE REMOVED AND GRADED TO THE FINAL GRADES SHOWN AND STABILIZED IMMEDIATELY.
6. IN THE CASE OF EXCESS MATERIAL, EXCESS SHALL BE STOCKPILED ON SITE WITH A MAX. 3:1 SLOPE IN AN AREA CLEARED FOR THIS PURPOSE STABILIZED IN ACCORDANCE WITH NOTE # 5.
7. SEDIMENT CONTROL MEASURES SHALL NOT BE REMOVED UNTIL APPROVAL IS OBTAINED.
8. PERMANENT STABILIZATION

APPLY:	4000 lbs PER AC. OF DOLOMITIC LIMESTONE	
	600 lbs PER AC. OF 0-20-20	
	400 lbs PER AC. OF 38-0-0 FERTILIZER & 500 lbs/AC. OF 10-20-20.	
SEED:	60 lbs PER AC. OF KENTUCKY 31 TALL FESCUE &	
	20 lbs PER AC. OF ANNUAL RYE GRASS.	

NOTE: SEED BETWEEN MAR. 1 - MAY 1 OR AUG. 1 - OCT. 1 ONLY.
MULCH: 2 TONS PER AC. OF UNWEATHERED WHEAT STRAW. THE DOWN MULCH WITH 200 GAL. PER AC. OF LIQUID ASPHALT.

9. EXPOSED AREAS LEFT FOR 45 DAYS SHALL BE STABILIZED WITH VEGETATION OR MULCH. SEE NOTE # 13.

10. SITE ANALYSIS

A. TOTAL AREA OF SITE	1.655 AC.±
B. AREA TO BE DISTURBED	0.4 AC.±
C. LOCATION	AS SHOWN
D. EXIST. SITE CONDITIONS	DEVELOPED - MOTEL SITE
E. AREA PRESENTLY DISTURBED	NONE
F. AREA TO BE VEGETATED	0.15 AC.±
G. TOTAL CUT	200 C.Y.
H. TOTAL FILL	REQ. 200 C.Y.
I. STORM WATER MANAGEMENT	

CONSTRUCTION SEQUENCE

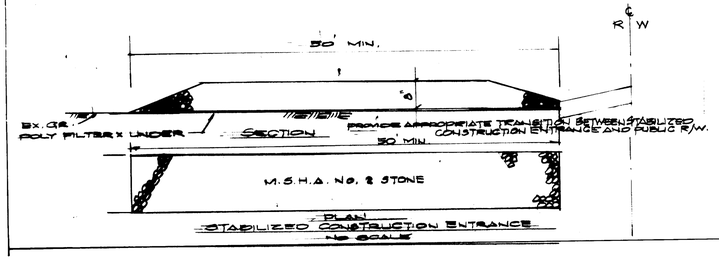
A. OBTAIN GRADING PERMIT
B. INSTALL SEDIMENT CONTROL MEASURES
C. ROUGH GRADE SITE
D. INSTALL PAVING
E. CONSTRUCT BUILDING
F. FINE GRADE
G. STABILIZE SITE
H. REMOVE SEDIMENT CONTROL MEASURES

ESTIMATED TIME OF PROJECT COMPLETION - 8 MONTHS.

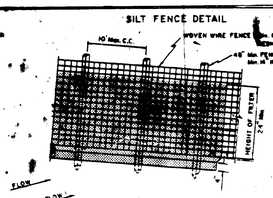
7-5-84 / 8 MO.

12. THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL REQUIRED EASEMENTS, RIGHTS AND OR RIGHTS OF WAYS PURSUANT TO THE DISCHARGE FROM THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS, AND GRADING OR OTHER WORK TO BE PERFORMED ON ADJACENT OR DOWNSTREAM PROPERTIES AFFECTED BY THIS PLAN.

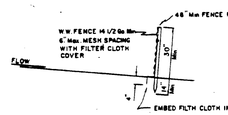
13. ALL AREAS SHALL BE PERMANENTLY STABILIZED WHEN SITE DEVELOPMENT WORK, GRADING AND OR OTHER RELATED CONSTRUCTION RELATED ACTIVITIES, CEASE TO BE CONTINUOUS OR ON-GOING FOR PERIODS EXCEEDING 45 DAYS. THESE DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS. THE INTERIM SEDIMENT CONTROL MEASURES WILL BE MAINTAINED ON A CONTINUING BASIS UNTIL THE SITE IS PERMANENTLY STABILIZED AND ALL PERMIT REQUIREMENTS ARE MET.



SILT FENCE DETAIL



PERSPECTIVE VIEW



SECTION

CONSTRUCTION NOTES

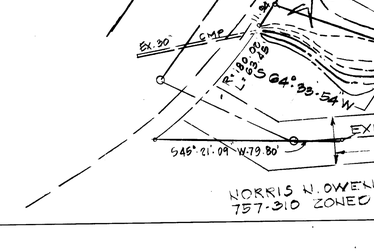
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID SECTION
3. SEE STEP BY STEP PROCEDURE ON BACK OF THIS SHEET.

POSTS: STEEL EITHER T or U TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 14 1/2 Ga Min. 6" MESH OPENING
FILTER CLOTH: FILTER X MIRIFI 100X, LAUREL EROSION CONTROL CLOTH 8000M, POLYFILTER X OR EQUAL

STANDARD SYMBOL: SF

* DRAINAGE AREA LESS THAN 1/2 ACRE

U.S DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE COLLEGE PARK, MD.	SILT FENCE	STANDARD DRAWING SF-1



Construction Specifications

1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation No3 Size No. 2 or 24.
2. The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
3. The stone outlet structure shall be embedded into the soil a minimum of four inches.
4. The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
5. The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.

SOS
Standard Symbol
* Drainage area less than 5 acres

STONE OUTLET STRUCTURE	NUMBER / APPROVED / DATE / PLATE SOS-1

1" BIT. CONC. SURFACE	1"
4" BIT. CONC. BASE	4"

TYP ON-SITE PAVING SECT. P.1

NO SCALE

NOTE: ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE ACCORDING TO THE LATEST HOWARD COUNTY DETAILS AND SPECIFICATIONS. SEE HO. CO. DETAIL R-2.01

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS

DIRECTOR — 8-6-84 DATE

CHIEF, BUREAU OF ENGINEERING — 8-6-84 DATE

APPROVED: HOWARD OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR — 8-9-84 DATE

ACTING CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — 8-9-84 DATE

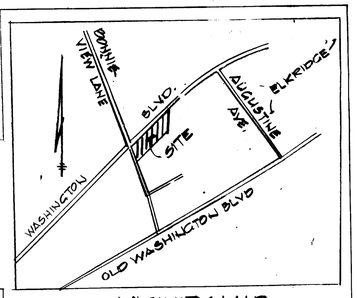
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — 8-8-84 DATE

SITE					LOT / PARCEL
WHITE ELK MOTEL					137
L/F	BLOCK	ZONE	TAX/ZONE	ELECT DIST	CENSUS TR.
L704 F51	3	B-2	MAP 38	1ST.	6012

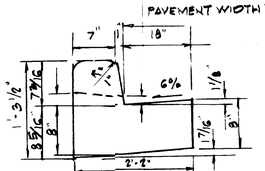
ADDRESS CHART

LOT/PARCEL NO.	STREET ADDRESS
137	6195 WASHINGTON BLVD.



VICINITY MAP
SCALE 1" = 2000

PAVEMENT WIDTH TO THIS POINT



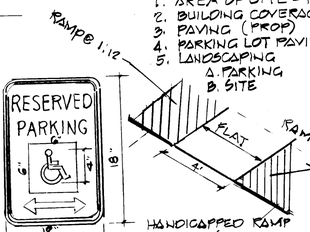
ST'D. 7" CONC. COMBINATION CURB & GUTTER
TO BE CONSTRUCTED ON SITE
SEE HO. CO. STD. R-3.01
NO SCALE

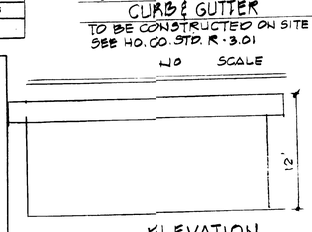
PLANTING SCHEDULE

SYMBOL	NAME	CALIPER	SPACING	HEIGHT	NO. OF PLANTS
	VIRGINIA PINE/PINUS VIRGINIANA	2 1/2"	30' C/C	5'-6'	-
	JAPANESE JUNIPER/JUNIPER PROCUMBERS	-	3'-4'	1.5'	10
(12)	FLAMB AZALEA/RHODONDRON CALENDULACEUM	-	4'	1.5'	

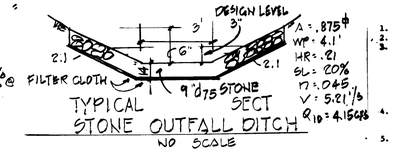
SITE DENSITY CALCULATIONS AC.

			SQ. FT.		PERCENT
1.	AREA OF SITE = 1.655 AC.		72098		
2.	BUILDING COVERAGE	= (ALL BLDGS)	8548 ft²	=	12%
3.	PAVING (PROP)	=	6000	=	
4.	PARKING LOT PAVING	=	6000		
5.	LANDSCAPING	=			
	A. PARKING	=	600	=	10% OF PARKING PAVING
	B. SITE	=			

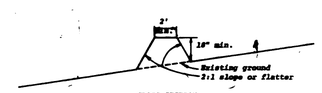




COLORS
LEGEND & BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND - WHITE
"HANDICAPPED SIGN
NO SCALE



PERIMETER DIKE*
(not to scale)



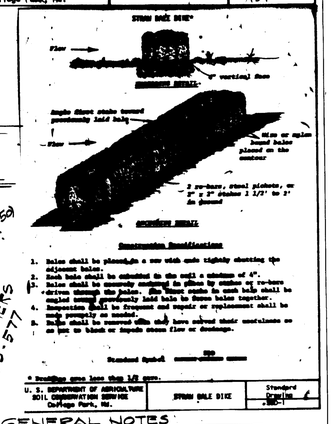
Construction Specifications

1. All dikes shall be machine compacted.
2. All perimeter dikes shall have positive drainage to an outlet.
3. A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
   B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
4. Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
5. Periodic inspection and required maintenance shall be provided.

Standard Symbol PD

* Drainage area less than 5 acres

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.	PERIMETER DIKE	Standard Drawing PD-1

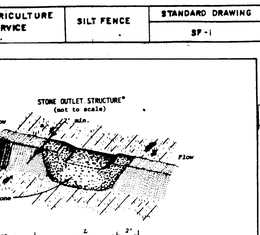


Construction Specifications

1. Dikes shall be placed on a row with ends slightly shorter than adjacent dikes.
2. Each dike shall be constructed to the width a minimum of 4'.
3. Dikes shall be constructed of stone held in place by 2 rows of 2" x 2" stakes driven through the fabric. The fabric shall be laid with loose ends extending across the dike and buried 6" deep.
4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
5. Dikes shall be removed only after the drainage area has been permanently stabilized.

STONE DIKE

Standard Symbol

* Drainage area less than 1/2 acre.

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE College Park, Md.	STONE DIKE	Standard Drawing SD-1