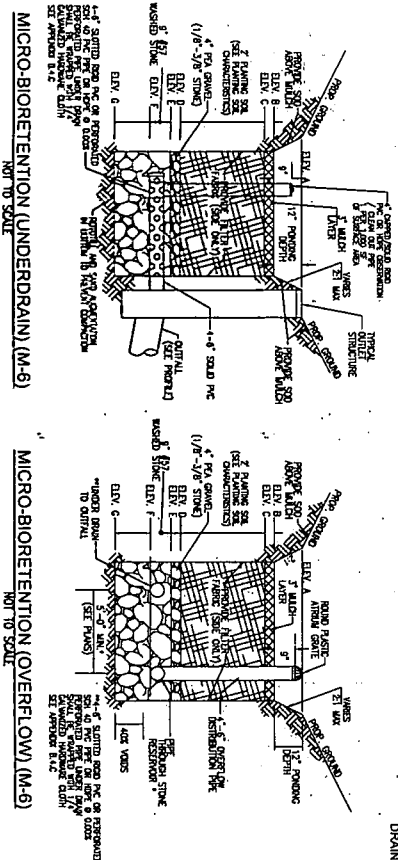


MICROBIORENEDIATION NOTES:

1. ONLY THE SAILS OF MICROBIORENEDIATION ARE TO BE WRAPPED IN FILTER FABRIC. ALL OTHERS ARE TO BE WRAPPED IN 100% COTTON FABRIC. THE FABRIC BETWEEN LAYERS OR AT THE BOTTOM OF THE MICROBIORENEDIATION MUST CAUSE THE AIR TO FILL AND THEREFORE SHALL NOT BE INSTALLED.
2. WRAP THE PRE-COLORED LIME UNDERDRAIN PIPE WITH $1/4"$ MESH (4x4) OR SMALLER CALICULATED HARDWARE CLOTH.
3. PROVIDE 5 MINUTUAL SPACING BETWEEN UNDER DRAIN AND PERFORATED PIPE THROUGH STONE.
4. REMOVED OR SPACE PIPE EQUALLY ACROSS BOTTOM FOR SMALL BIDS. (SEE PLANS)



LEGEND



APPENDIX B.4.C SPECIFICATIONS FOR MICRO-BIORETENTION, RAIN GARDEN
LANDSCAPE INFILTRATION & INFILTRATION- BERMS
1. MATERIAL SPECIFICATIONS
THE ALLOWABLE MATERIALS TO BE USED IN THESE PRACTICES ARE DETAILED IN TABLE B.4.1.

OPERATION AND MAINTENANCE SCHEDULE FOR
LANDSCAPE INFILTRATION (M-3), MICRO-BIORETENTION (M-6)
RAIN GARDENS (M-7), BIORETENTION SWALE (M-8),
AND ENHANCED FILTERS (M-9)

[illegible][illegible][illegible]

SOLS LEGEND				
HOWARD COUNTY SOLS MAP #25				
SYMBOL	NAME/DESCRIPTION	GROUP	K FACTOR	PROBLEM
JA	USDA LAND - FALSTAFFS COMPLEX	0	-	NO
JD	USDA LAND - 2 TO 20 PERCENT SLOPES	0	0.28	NO
JD	USDA LAND - 20 PERCENT SLOPES	0	0.28	NO

NOTES: 1. PROBLEM SOLS ARE THOSE SOLS WITH A SLOPE GREATER THAN 15 PERCENT.

2. PROBLEM SOLS ARE THOSE SOLS WITH A SOL ENDOWMENT FACTOR K GREATER THAN 5 PERCENT.

[illegible]

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

1. The "STAIN" shall be a solid color, not a pattern, and shall be applied to the entire surface of the garment. The color shall be a solid color, not a pattern, and shall be applied to the entire surface of the garment. The color shall be a solid color, not a pattern, and shall be applied to the entire surface of the garment.

AP

Appendix B.4. Construction Specifications for Environmental Site Design Practices

Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	95	85	75
2	95	85	75
3	95	80	70
4	95	75	65
5	95	75	65

[illegible][illegible]

SOILS LEGEND				
HOWARD COUNTY SOILS MAP #25				
SYMBOL	NAME/DESCRIPTION	GROUP	K FACTOR	ERODIBLE
UBA	UBA - ALLUVIAL COMPLEX	0	-	NO
UBA	0 TO 2 PERCENT SLOPES			
UBA	UBA - UNDERSTANDING COMPLEX	0	0.28	NO
UBA	0 TO 15 PERCENT SLOPES			

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION *JP* DATE _____

CHIEF, DIVISION OF LAND DEVELOPMENT

DATE 3/10/22

100

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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DATE	NO.	REVISION	BY
DEVELOPER OLD TOWN CONSTRUCTION			

ELLCOTT CITY, MD 21042
ATTN: JARED SPAHN
PHONE: 410-730-3725

OWNER: O'DONNELL PROPERTIES LLC

3 LONGWOOD ROAD
BALTIMORE, MD 21210
ATTN: STEVE O'DONNELL

Trial	Control (n=10)	MCI (n=10)	AD (n=10)
1	85	75	65
2	85	75	65
3	85	70	60
4	85	70	55
5	85	65	55

O'DONNELL PROPERTIES

Age Group	1990	1995	2000	2005
0-14	18	16	14	12
15-24	12	13	14	15
25-34	15	14	13	12
35-44	12	13	14	15
45-54	15	14	13	12
55-64	12	13	14	15
65-74	15	14	13	12
75+	12	13	14	15

TAX MAP 37 PARCELS 276, 277, 278, 280 & 283 LOTS 1, 2, 6-11 & 13
ZONED TOD GRID NO. 23 1ST ELECTION DISTRICT
6274 W. 6378 CORSEY ROAD AND 6248 BLUNDER LANE

ELNRIDGE, MARTLAND 21075
HOWARD COUNTY, MARYLAND

STOP WATER DRAINAGE AREA

MAP AND DETAILS.

Pennoni Associates Inc.
Engineers • Surveyors • Planners

8890 McGaw Road, Suite 100 Columbia, MD 21045

1 410.551.0500 F 410.551.9202

DESIGNED BY: PAI.

DRAWN BY: ALC

DATE : MARCH 7, 2022

BY: V C 3-1-00
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CP-21-038