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## STOCKPILE NOTES



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NGINEER'S CERTITCATE

 THOMAS C. AEUCNEAMEN D.















CONSTRUCTION SPECIFICATIONS FOR MICRO-BIORETENTION AND BIOSWALE FACILITIES






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3. cowechon


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7. Wyscluwaus


| мпteral | SPECFIFATOON | ${ }^{\text {size }}$ | ${ }_{\text {Wortes }}$ |
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| Pummus |  | N/ | Puwnes me siteseceric |
|  | LOAMY SAND (60-65\%) $\&$ COMPOST ( $35-40 \%$ ) OR <br> SANDY LOAM (30\%), COARSE SAND (30\%) | N/A |  |
| orcmuc comear |  |  |  |
| mech | Strepoeb memomo | N/ |  |
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| Eraomg $\operatorname{litr}$ | STMT-0-448 | ${ }^{\text {Noma }}$ |  |
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| comerme |  |  | Pe mpe 1 nomoven |
| convel Iuna | Mstro w-4 | $\begin{aligned} & \text { NO. } 57 \text { OR NO. } 6 \\ & \text { AGGREGATE } \\ & \left(3 / 8^{*} \text { TO } 3 / 4^{n}\right) \end{aligned}$ |  |
|  |  |  |  |
|  |  Nimbsibeco | N/ |  |

INSPECTION REQUIREMENTS FOR MICRO-BIORETENTION AND BIOSWALE FACILITIES


 CHIEF, BUREAU OF HIGHWAYS Mas





$\frac{\text { MICRO-BIORETENTION }}{\text { MDE CLASSIFICATON M-6 }}$ MDE CLASSIFCATION M
(TTP. SECTION)
MAINTENANCE CRITERIA FOR MICRO-BIORETENTION AND BIOSWALE FACILTIES



 MICRO-BIORETENTION CHART



BIO-SWALE CHART


POROUS-PAVEMENT CHART





$\frac{\text { EERMEABLE PAVEMENT SECTION }}{\text { MDE CLASSIFICATION A } 2}$


8090 ODMONTGOMER ROAD, ELICOOT CITY MARYYAND
STORMWATER MANAGEMENT NOTES \& DETALLS




$\xrightarrow{\text { SWM \＃9 } \& \# 12}$


$\frac{\text { SWM \＃13 }}{\text { SCAEE } 1=20^{\prime}}$


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SWM \＃17





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SWM \＃20
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## MASTER STORMWATER PLANT SCHEDUL


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## LANDSCAPE NOTES











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DECIDUOUS TREE DETAIL


STREET TREE DETAIL



EVERGREEN TREE DETAIL

DEVELOPER'S / OWNER'S CERTIFICAT


NANE Richard Hay Ward, Vice Praxdent DARE M//u//27
sionaruer $t$ h; Ethapeard

ouner / APPLCANT/DEVELOPER




BENCH DETALL

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 TRASH RECEPTACLE DETAIL


PLAY SURFACE NOTES
TOT LOT

E.


RECREATION OPEN SPACE C AMENITIES OUNER/APPLCANT/DEVELOPER






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## SEGMENTAL RETAINING WALL SPECIFICATION

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H. Asmo 0

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PART 2-PRODUCTS
2. Defntions

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H. DRamage pre

APPRIVED HOWARD CUUNTY DEPARTMENT DF PUSLIC WORK
Chewnin


## PART 3 -EXECU

A. Excanation

2. Recamino 3.
B. Founoaton subgrade Preparation



 c. Leveling afa
 D. Unt mstalatoon





 2. Comeckero situlu prou






F. FIL PLACMENT



 o. dramage


part 4 - construction observation and testing

 C. CART 5 - DESIIGN F CRTERA



RETAINING WALL NO. 3
(see endarged view, Sheet RW.-5


RETAINING WALL NO. 1 - SECTION A-A (APPROXIMATE STATION 1+46)


RETAINING WALL NO. 1 - PLAN VIEW

RW-2




|  |  |  | RW-3 |
| :---: | :---: | :---: | :---: |
|  | GEO-TECHNOLOGY ASSOCIATES, INC GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS 14280 PARK CENTER DRIVE, SUITE: A LAUREI MARY AND 20707 <br> (410) 792-9446 OR (301) 470-4470 <br> FAX: (410) 792-7395 <br> WWW.GTAENG.COM |  |  |
|  | TROTTER'S KNOLL - SECTION 1 PROPOSED RETANING WALL NO. 1 <br> PROFILE <br> HOWARD COUNTY, MARYLAND |  |  |
|  |  |  |  |
|  | 9/4/2017 | Propose orame / wall lavors | Scale is stown |
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RETAINING WALL NO. 2 - PLAN VIEW

APPRDVEE. Hquard cuunty departiment df public Chter, Bureall cmin works
$\frac{1 / 23 / 2018}{\text { Dats }}$


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RETAINING WALL NO. 2 - SECTION A-A (APPROXIMATE STATION 0+15)




RETAINING WALL NO. 3 - SECTION A-A (APPROXIMATE STATION 1+34)





