MAINTENANCE OF TRAFFIC NOTES:

1. FOLLOW STD. MD 104.03-05. ALL
CLOSED LANES TO BE RE-OPENED AT THE END OF EACH WORKING DA 2. SET UP TEMPORARY TRAFFIC CONTROL PRIOR TO

START OF CONSTRUCTION.
4. ALL TEMPORARY TRAFFIC CONTROLS SHALL BE IN
 TEMPORARY TRAFFIC CONTROL APPLICATIONS" AND THE
\& \& NOTES:
 NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGTT UNLESS
THE RUNOFF IS DIRECTED TO AN APPROVED SEDIMENT CONTROL DEVICE

$\square$ K-5038
SIDEWALK ETTENSION
US 1 WASHINGTON BLID
US 1 ( WASHINGTON BLVD) AT TROY HILL DRIVE
ELKRIDGE, MARYLAND



SIDENALK
MATCH.
$\frac{\text { YPICAL SECTION }}{\text { NO SCALE }}$

NOLAN

Ellicott civy, Maryland 21042


TYPICAL SECTIONS


Apply to graded art leaded areas not
lon-Twed vegetative cover is needed.






- 1



Mamenano- Inspect al seeding areas and make needed repairs, epaceements and reseedings.
Apply to
needed. $\qquad$
 enls:-Apply 600 lis per ace $10-10-10$ fertilizer (14 bissocoo sq. the







Ariminum or 2 h hour notice mute given OO AD SEOMENT CONTROL NOTES





 Null


 midian unipenemsisen of it he
$\qquad$





 Sediment Conto l Insedecor

SEQUENCE OF CONSTRUCTION
obtain grading permit.
2. Note howard count bureau of inspections and permits (410-313-1880
delineate limits of disturbance.
. instal slit fence.
10 bars
. Construct sidewalk. 2 Days

$\qquad$











viepaiden












By the Owner/Developer
I/ We certify that all construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also
authorize periodic onsite inspections by the Howard Soil Conservation District.

Steve Shaman Signature of Owner/Developer Print name below signature

10/30/08
Date
certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions.
This plan was prepared in accordance with the requirements of the Howard sol
(1)/29108

These plans are approved for soil erosion and sediment control by the Howard Soil

$11 / 5 / 08$


[^0]Elliott City, Mary land 21042


## GENERAL NOTES













 TANK GENERAL NOTES:

2. THE Conractor shall connuct a verficiton of stie stakng and larout pror to excaavaton.




4. AL
al cernfed by the tank manufacturer prior to any nstallaton

7. ExCavanon and sit work shal de perforned in acordance wit Appucaile and curreet mosha

9. AN OprRanowal








## UNDERGROUND WATER STORAGE

TANKS FOR FIRE SUPPRESSION
HOWARD COUNTY GOVERNMENT
DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT NO. F-5972 CONTRACT NO. 65-4647


HOWARD COUNTY, MARYLAND



## SPECIFICATIONS FOR UNDERGROUND WATER STORAGE TANKS FOR FIRE PROTECTON

wirouver

 2. PuRpose
 undeground tanks
21. MAIERALS For A stainc water supply tank

 22 matues



 2.2.4. fitmes



2.24.3. ONE FIU CONNECTON SHAL CONSIST OF 4 A MCO NOMNAL DAMEIER

 2.2.5. Suвumtals









23. mstanaton



fitmos shall be placed as follows:

23.4.2. Tortal



 2. testing and acesprance






25. final approval wl be made per notricaton in wertivg by the homaro countr file

Accessiburr ano surrounomg feavres








 references

1. Pueluhed standaros
3.1. NFPA 1963 - STADARPD For fre hose screw threads
31.2. Nepp 1142 - STANOARD For water supples for suuurban and rubal fir
3.1.3. NFPA 1141 - STANOARD For frie protecton in planned bulowg groups 3.1.4. Asm C33
ont mand
3.21. THE Coog of pubuc local laws and oronannes of howard counr Marrano.





5.2. be sure that all equiment used to lif the tank is raite to hanole the loal

43.4. Do Not Wrap chan or cable arouno the tank.
4.3.6. Do Not roul The tank to move IT.


aton testina






5.6 MHEN CHECKNG THE TANK For Leaks durng an ar//Soap test, rotate the tank to check


. 1 Rewove all temporar servce-fiting plog



2. 5 close the Ar-supply valve on The test Manfol. oiscownect the ar-supaly line.

3. 7 MONTTOR THE PRESSURE FOR ONE HOUR. 5 PSIG SHALL BE MANTANED.

4. 9 WHEN ARrLow STOPS, Rewove THE TEST MANFFOLD.
5. GEOTEXIIE


12.3 Polverne ne fun is not an acceprabil subsinue for georexile

SPECIFICATIONS ARE
CONTINUED ON SHEET 3 OF 7
tanks must be mstaled usng eiter pea grave or crusheo stone as backflu matrern

7.3 UsE of Unaprovied backfu matrral mar cause tank falure, or damage me tank or

APPROVED baccfll matrerl must met the folounc spegifianons:
7.4.1. THE MAIERAL IS WASHED, RREE-FLOMNC, AND RREE OF ICE, SNOW AND DEBRIS


7.4.4. No More than $5 \%$ (BY MeGGHT) of THE MATERAL MAY Pass through A *8 SEVE.
7.45. THE MARERALLS SUPPLER SHAL CERTIFY TAAT THE MATERAL Conforms To ASM C-33


3 SECURE THE walus of the excavamon.
4 Prevent exposure of emlotess to hazaroous fumes from the excavano.
5 Protect emploves from hazaros associateo wht watr accumulaton in whe excavano

8.7 INSPEGT, A MNMMW of once A dar, phe excavaton ano surrounomg area








10. UNSTABLE $\mathbb{N}$ STU SOLL Conomion



tank locaton - nearby strucurves
 IMPROOER PLACEMENT MAY RESULTT IN TANK AND/OR OTHER PROOERRI DAMAOEE.


2


13. ANCHorng tanks


13.1.T. DEADMEN ShaL EE RENFORCEO CONCRELE BEAMS.
isi.




13.6 THE DEAOMEN ARE TO BE BUTTED TOOETHER WHEN MULTPLE SECTONS ARE USED.
13.7 USE ONE ANCHOR Pont Per strap end and only one stad per anchor poni.
4. ANCHOR SLAB GRounowatir Imstalaton onlr),
4.1 THE ANCHOR SLAB SHAL BE RENFFREED CONCREEE.
14.2 THE Total Lenct of the slag shal be at Least me same as me lengri of The tank.

4 HE WOTH OF THE SLAB DEEENOS ON THE
tank diametre. the slas shal exteno a minmum of 1

14.5 PROWOE A SEPARATE ANCHOR PONT FPR EACH HOLD-DOWN STRAP.
 5. Holo-Down straps



15.3.1. Hook -1 \%

15.3.4. WRE ROPE - $h^{\prime \prime}$


16. Instalaton

USE ONY APPROVED BACKFL MAIERAL.
Do not mi approved backflu matrral mit sano or in stu sol.
6.3 do Not USE IN STU SOIL AS Backral materal.
16.4 PREPARE A SMoont LEVEL EED, 12 NCHES THCK, of APPROVVED BACKFLL MATERALL

5 PLace The tank or tanks onto The bed


6.8 IF THE TANK IS To BE ANCHORED, NSTAL THE ANCHORNG HAROWMAE AT THIS TME.
 REEEAT PONT 16.9 MTH A SECONO 12-NCH LFT





16.12.4. COVER DEPTH MUST MEET MNMUW DEPT SPECIFED N SECTON 2


7. post-mstallaton issinc


I.3. Carreuly releve the pressure in tie tank.





156
18.7 COMPLEET THE TANK MSTALATON CHECKLIST:
9. Deflecton Measurement









OPERATMG GUIDELINES

20.2 never overflu the tank.










[^0]:    

