

NOTES

- THE CONTRACTOR SHALL FIELD MEASURE THE RISER STRUCTURE DIMENSIONS FOR EXACT FITTING OF TRASH RACKS.
- THE CONTRACTOR SHALL HOT-DIP GALVANIZE TRASH RACKS AS PER ASTM A123.
- ANGLES SHALL CONFORM TO ASTM A36.
- ALL #4 REBAR TO BE WELDED TO EACH OTHER WHERE THEY CROSS (8" EACH WAY) AND TO 2" X 2" X 4" ANGLE IRON.

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

USDA - NATURAL RESOURCES CONSERVATION SERVICE

DATE: 1/8/07

THESE PLANS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL, MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOIL CONSERVATION DISTRICT

DATE: 1/8/07

DATE: _____

NO. REVISIONS DESCRIPTION: _____

ENGINEERS: _____

PLANNERS: _____

SCIENTISTS: _____

CONSTRUCTION MANAGERS: _____

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KCI TECHNOLOGIES

STATE OF MARYLAND

KINGS MEADE SECTION 1 LOT 81 SWM POND REPAIRS PROJECT

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 STORMWATER MANAGEMENT DIVISION
 675 COLUMBIA GATEWAY DRIVE
 COLUMBIA, MARYLAND 21046

SWM RETROFIT DETAILS

SCALE: AS SHOWN

DATE: 1/5/07

PROJECT NO.: 01-043223.17

CAPITAL PROJECT NO.: D-1159

PERMIT ISSUE: _____

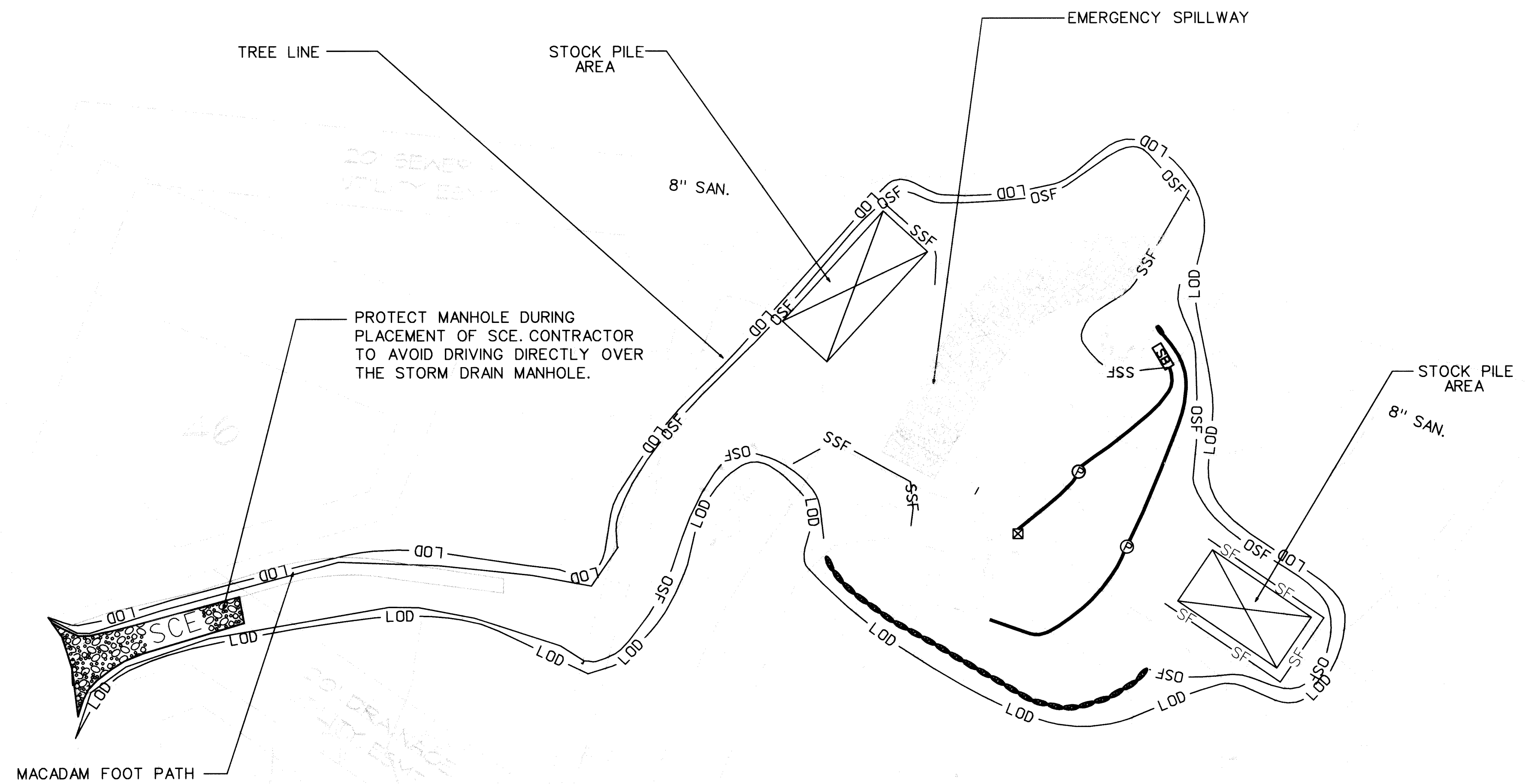
CONSTRUCTION ISSUE: _____

SHEET NO.: 4 OF 6

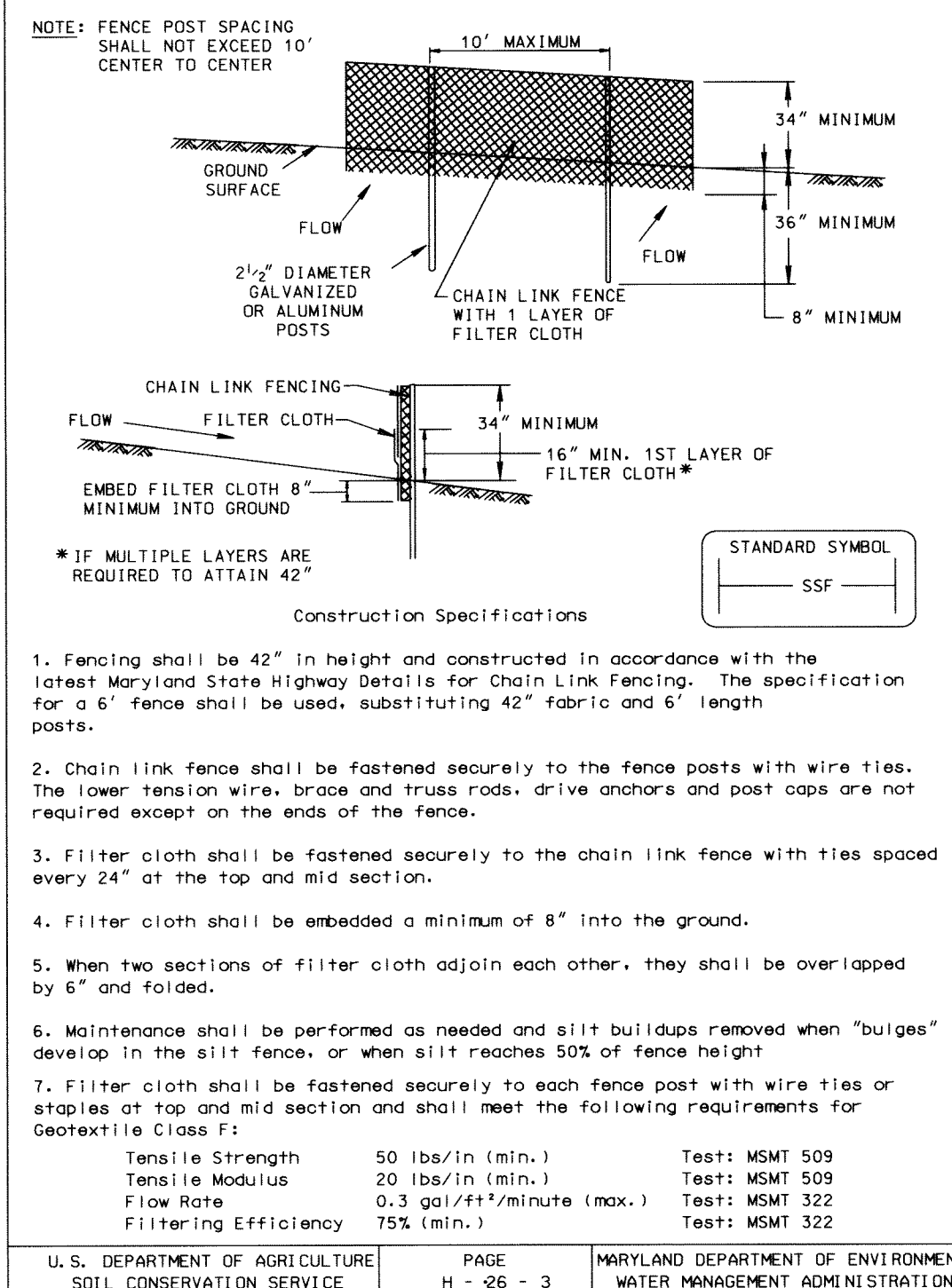
EP-07-07

SEQUENCE OF CONSTRUCTION

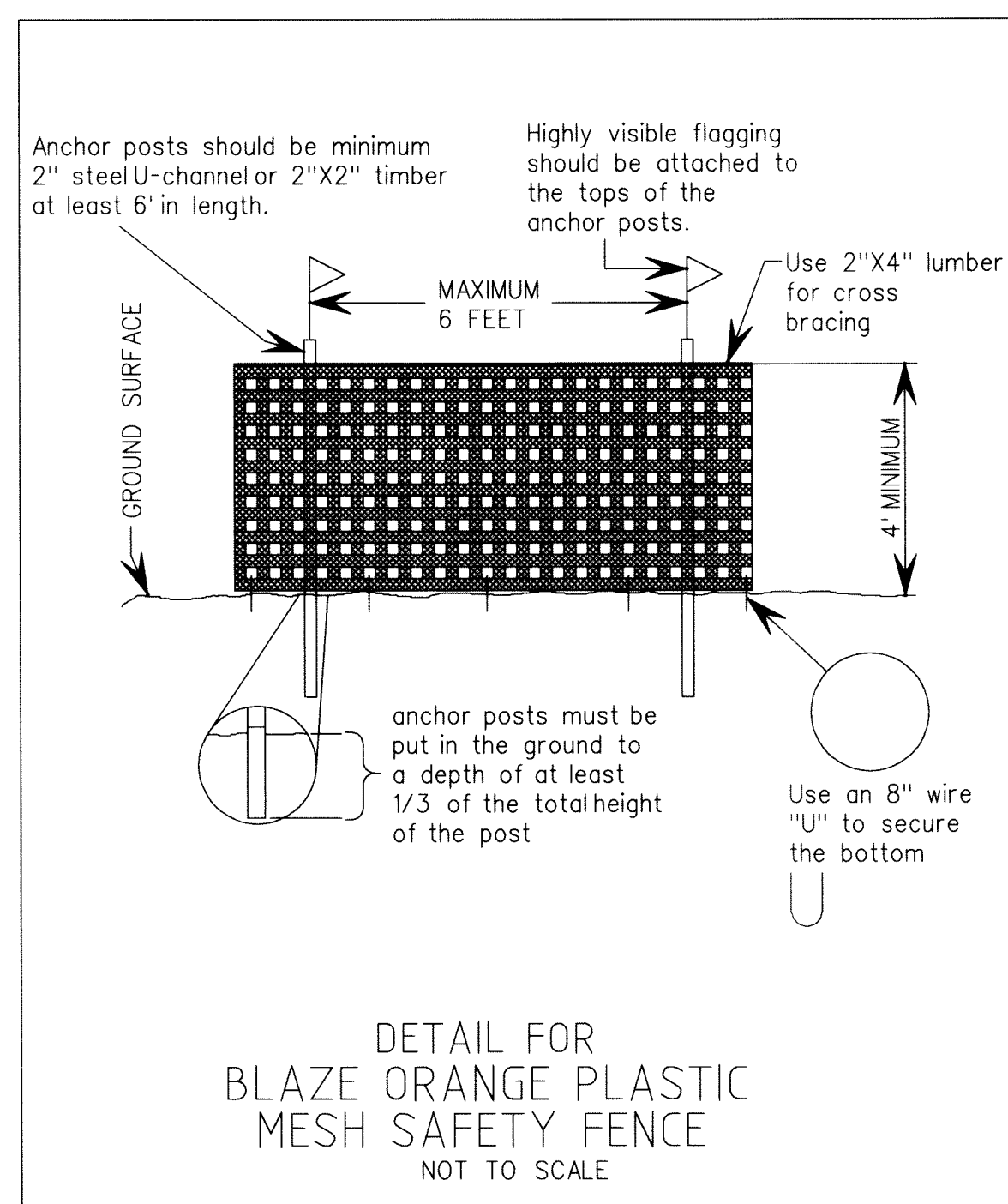
- 1 WEEK 1. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AND THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS/ BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION (410-313-1880) AT LEAST 5 DAYS PRIOR TO BEGINNING ANY WORK. THIS UNNAMED TRIBUTARY TO THE LITTLE PATUXENT RIVER IS A USE 1 STREAM. IN-STREAM CONSTRUCTION IS PROHIBITED DURING THE PERIOD OF MARCH 1 TO JUNE 15, INCLUSIVE OF ANY YEAR.
- 1 DAY 2. CONTRACTOR SHALL COORDINATE AN ON-SITE PRE-CONSTRUCTION MEETING WHICH SHALL INCLUDE BUT NOT BE LIMITED TO THE COUNTY PROJECT MANAGER, THE ENGINEER, AND A REPRESENTATIVE FROM HOWARD COUNTY CONSTRUCTION INSPECTION.
- 1 DAY 3. CLEAR AND GRUB THOSE AREAS WITHIN THE LIMIT OF DISTURBANCE REQUIRED TO ESTABLISH THE PROPOSED SEDIMENT CONTROL MEASURES.
- 3 DAYS 5. CONSTRUCT ALL PERIMETER CONTROL DEVICES INCLUDING SILT FENCE, ORANGE SAFETY FENCE AND SCE. NO WORK SHALL BE PERFORMED UNTIL THESE DEVICES ARE APPROVED BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- 3 DAYS 6. INSTALL SANDBAG DIVERSION AT EXISTING RISER AND DEWATER ENTRAPPED AREA AS SHOWN ON THE PLANS. INSTALL PROPOSED 36" RCP PARREL END SECTION AND RIRPAP OUTLET PROTECTION AND BACKFILL TRENCH ACCORDING TO THE RETROFIT PLANS. NO SEDIMENT-LADEN FLOW SHALL BE ALLOWED TO ENTER THE DOWNSTREAM CHANNEL.
- 2 WEEKS 7. CONSTRUCT EMERGENCY SPILLWAY DURING PERIOD OF DRY WEATHER AND PROVIDE PERMANENT STABILIZATION ACCORDING TO RETROFIT PLANS IMMEDIATELY UPON COMPLETION.
- 1 DAY 8. BLOCK OFF INFLOW PIPES AND PROVIDE PUMP-AROUND, IF REQUIRED FOR CONSTRUCTION. DEWATER ENTRAPPED AREA AS SHOWN ON THE PLANS. NO SEDIMENT-LADEN FLOW SHALL BE ALLOWED TO ENTER THE DOWNSTREAM CHANNEL.
- 1 WEEK 9. GRADE THE FOREBAY AREA ACCORDING TO THE RETROFIT PLANS.
- 2 DAYS 10. PLACE TOPSOIL AND PERMANENTLY STABILIZE ALL DISTURBED AREAS.
- 1 DAY 11. WHEN THE SITE IS STABILIZED AND WITH THE PERMISSION OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE ANY AREAS DISTURBED BY THIS ACTIVITY.



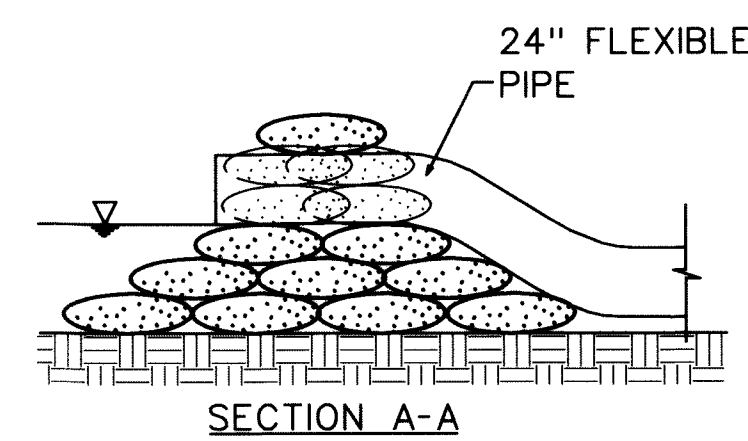
DETAIL 33 - SUPER SILT FENCE



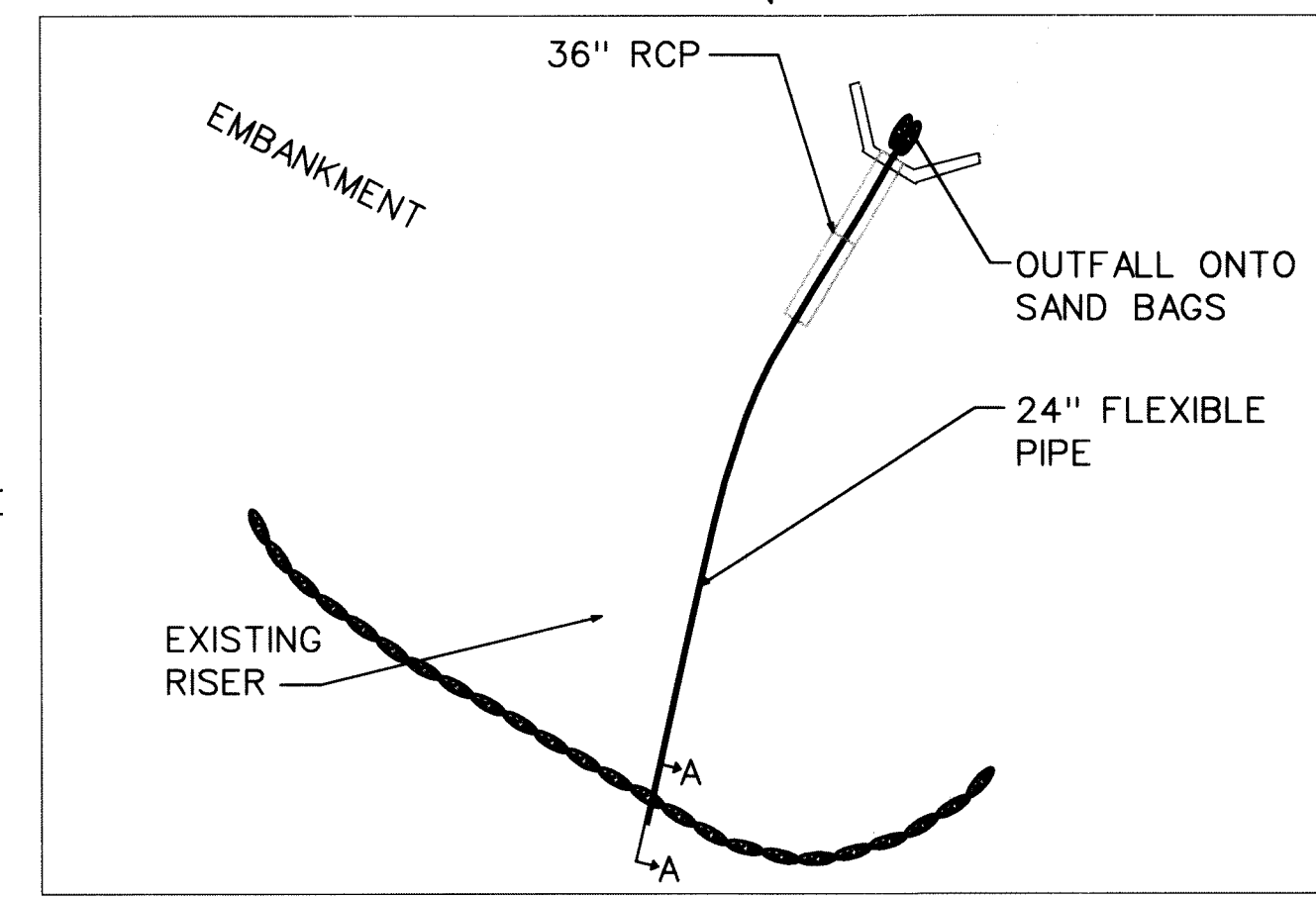
WILLOW BROOK WAY



PLAN VIEW
SCALE: 1" = 20'



SECTION A-A



ALTERNATE DIVERSION
N.T.S.

NOTE: TO BE USED AT THE DESCRETION OF THE INSPECTOR WHEN PUMP IS TURNED OFF.

- LEGEND**
- EX. TREES
 - 180- EXIST. MAJOR CONTOUR
 - 183- EXIST. MINOR CONTOUR
 - 346- PROP. CONTOUR
 - PROP. CONTOURS
 - ⊠ RPS
 - ⊠ SB
 - ⊠ INTAKE & DISCHARGE HOSES
 - ⊠ SANDBAG DAM
 - SF
 - SSF
 - OSF
 - LOD
 - ⊠ SCE

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SMALL POND CONSTRUCTION, SOIL EROSION AND SEDIMENT CONTROL.

Jim Myer 1/8/07
USDA - NATURAL RESOURCES CONSERVATION SERVICE

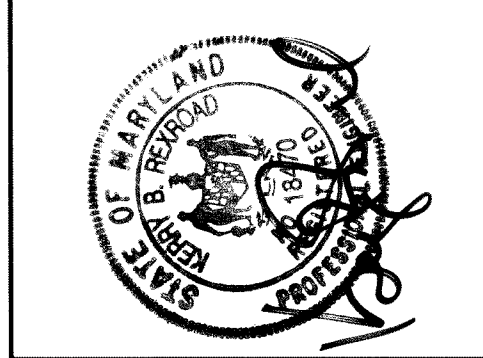
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John Selby 1/8/07
HOWARD SOIL CONSERVATION DISTRICT

| NO. | REVISIONS DESCRIPTION | DATE |
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SWM POND REPAIRS
PROJECT

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
STORMWATER MANAGEMENT DIVISION
6751 COLUMBIA GATEWAY DRIVE
COLUMBIA, MARYLAND 21046

SEDIMENT AND EROSION CONTROL PLAN

SCALE: AS SHOWN
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