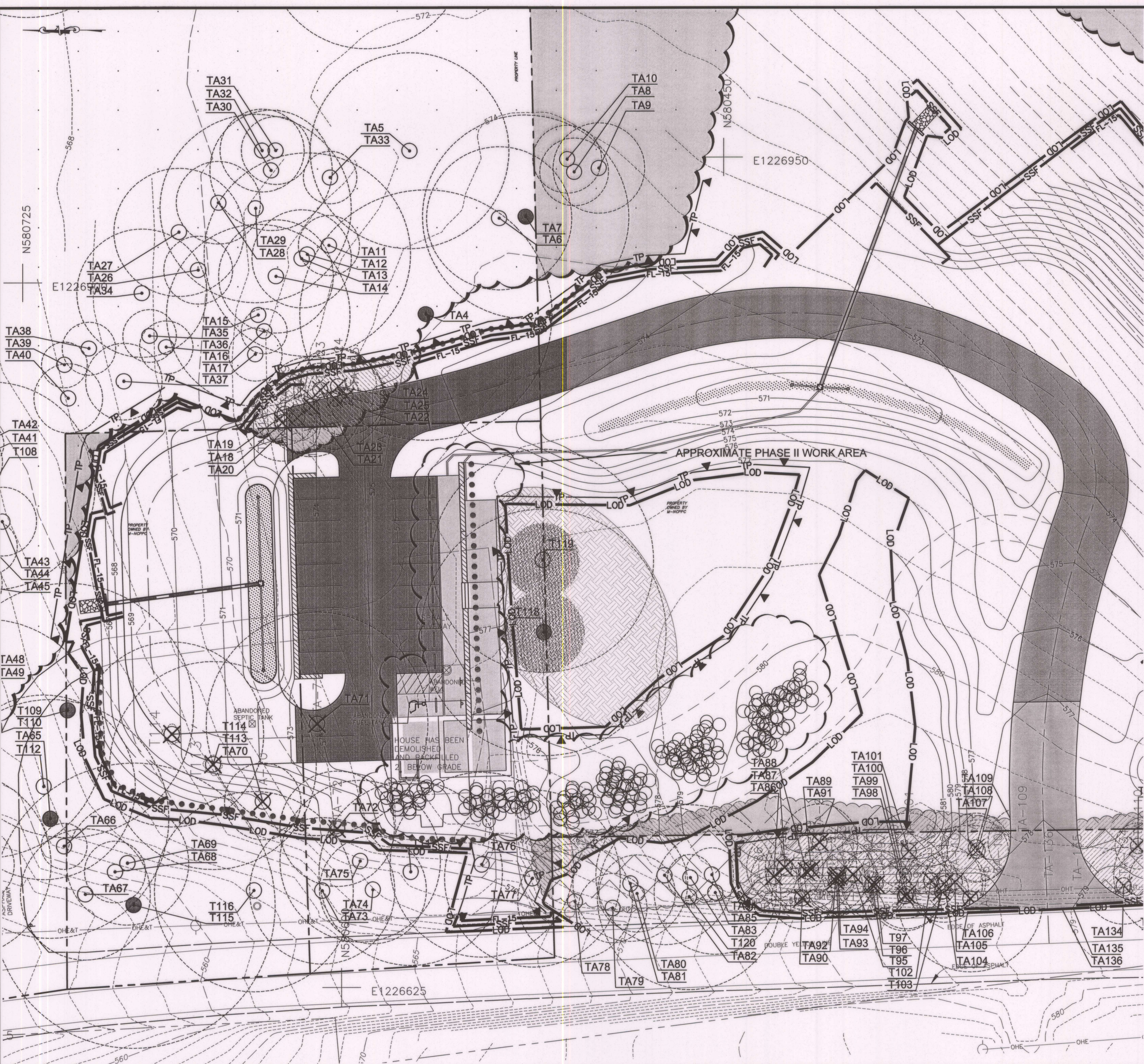


FINAL SCANNED: PLAN CODE: C10 PARK CODE: C10 PLAN SCANNED: 6/4/2013 3:18 PM



ARBORIST RECOMMENDATIONS

1. THE CONTRACTOR SHALL USE THE SERVICES OF AN INDEPENDENT ISA CERTIFIED ARBORIST, OR A MARYLAND LICENSED TREE EXPERT TO CONSULT AND WORK WITH M-NCPPC PROJECT FORESTER OR M-NCPPC STAFF URBAN FORESTER.
2. IN CONSULTATION WITH M-NCPPC PROJECT FORESTER, ISA CERTIFIED ARBORIST, OR MARYLAND LICENSED TREE EXPERT, THE CONTRACTOR SHALL PERFORM ALL TREE PROTECTION MEASURES AS INDICATED ON PLANS AND EXPLAINED IN THE GENERAL NOTES ON SHEET FC101.
3. EXCAVATION WORK FOR FLEXI-PAVE WALKWAY, PARKING LOT, WALL, AND ENTRY DRIVE IN CLOSE PROXIMITY TO TREES TO BE SAVED SHALL CONCLUDE WITH ARBORIST MONITORING VISITS AS DIRECTED BY M-NCPPC PROJECT FORESTER. DURING SITE INSTALLATION, THE CONTRACTOR SHALL MINIMIZE DAMAGE TO EXISTING TREE ROOTS.
4. IN CONSULTATION WITH M-NCPPC PROJECT FORESTER AND HIS ISA CERTIFIED ARBORIST, THE CONTRACTOR SHALL PROPERLY PRUNE ANY LIMBS OR BRANCHES THAT COULD BE DAMAGED BY CONSTRUCTION VEHICLES OR OPERATIONS.
5. AFTER INSTALLATION OF FLEXI-PAVE WALKWAY, PARKING LOT, WALL, AND ENTRY DRIVE, THE CONTRACTOR SHALL LOOSEN COMPACTED SOIL BEFORE BACKFILLING THE EXCAVATED AREA WITH TOPSOIL.

TREE PROTECTION RECOMMENDATIONS

IN CONSULTATION WITH M-NCPPC PROJECT FORESTER AND HIS ISA CERTIFIED ARBORIST OR MARYLAND LICENSED TREE EXPERT, THE CONTRACTOR SHALL UTILIZE PERIMETER CONTROLS FOR EACH AREA OF THE LOD OUTSIDE OR WITHIN PROTECTED CRITICAL ROOT ZONES. PERIMETER CONTROLS MAY INCLUDE ONE OR A COMBINATION OF THE FOLLOWING TECHNIQUES:

- A. SILT FENCE OR SUPER SILT FENCE;
- B. NON-INVASIVE SF/SSF INCLUDING FILTER LOGS;
- C. WELDED WIRE 4X2" FABRIC 48" HT ON STEEL T-BAR POSTS;
- D. COMBINATION OF ONE OR MORE.

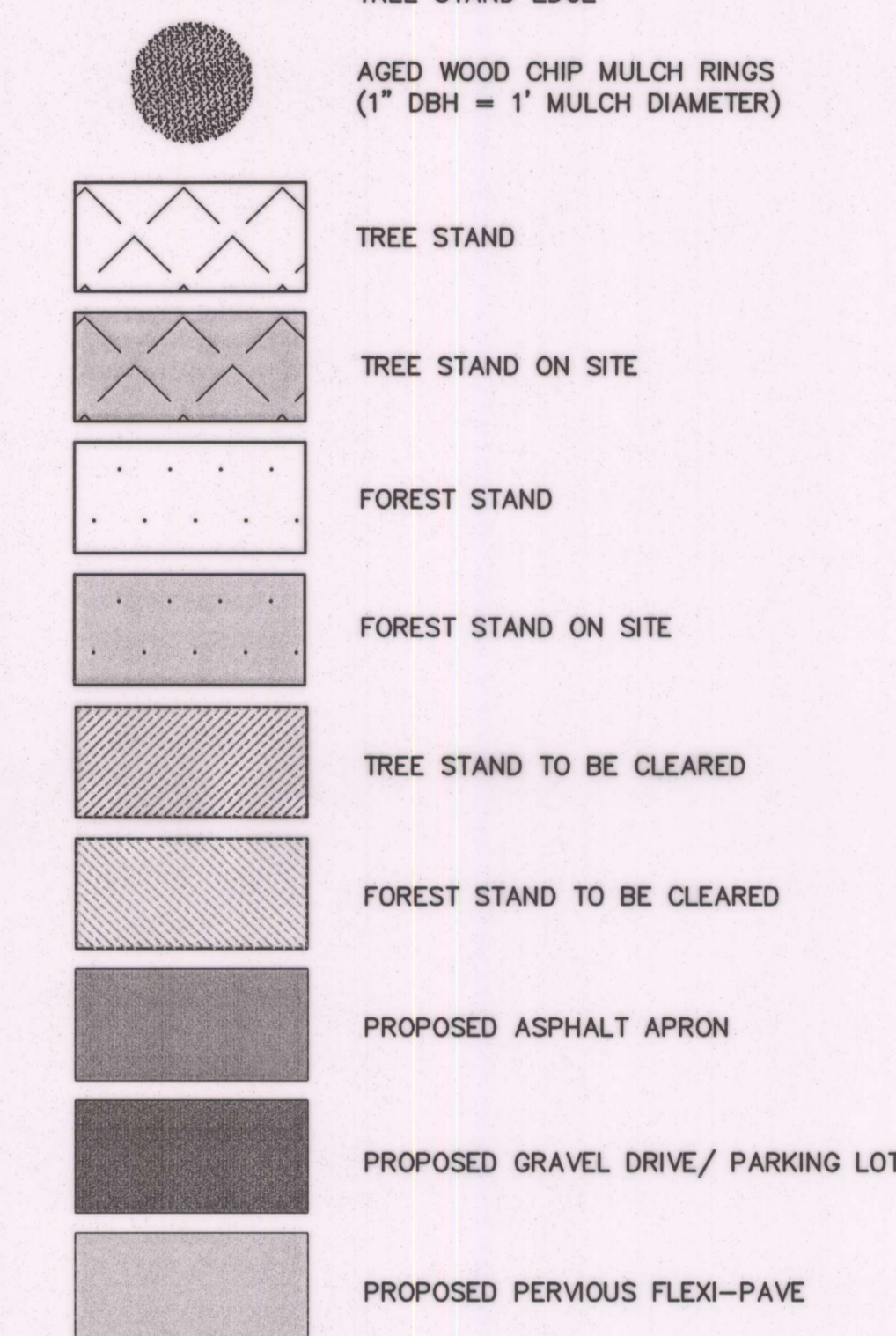
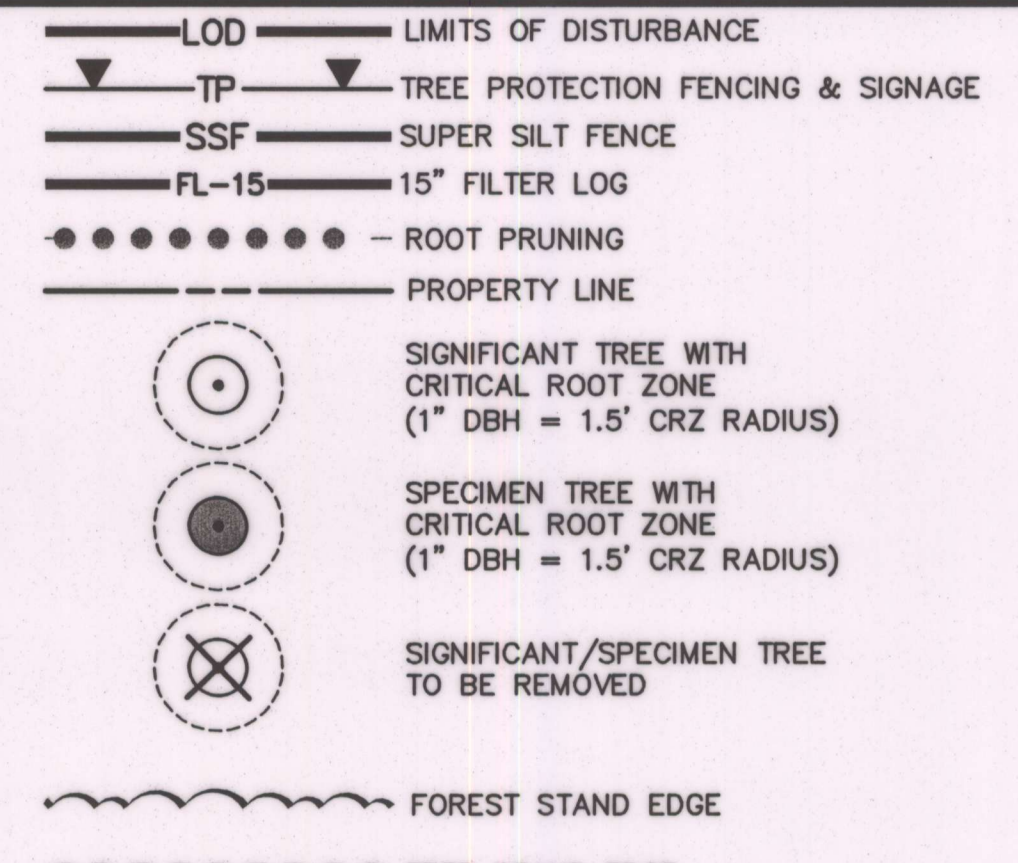
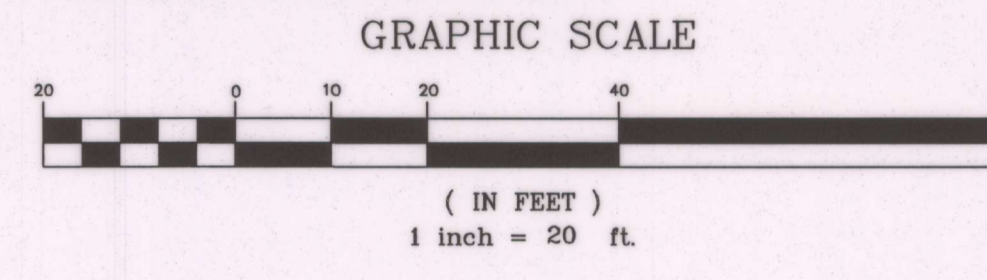
ROOT PRUNING MINIMIZES DAMAGE TO EXISTING TREE ROOTS. IN CONSULTATION WITH PROJECT FORESTER, THE ISA CERTIFIED ARBORIST OR MARYLAND LICENSED TREE EXPERT SHALL INVESTIGATE LOCATION AND CONDITION OF EXISTING TREE ROOTS WITHIN THE CRITICAL ROOT ZONE. ROOT PRUNE AS SHOWN ON PLAN AT THE PROPOSED WALL (T118 & T119), PARKING LOT TURNAROUND, AND THE GRAVEL ENTRANCE DRIVE (TA4, TA7, TA15) WITH A ROCKSAW. THE EXACT LAYOUT AND DEPTH ARE TO BE DETERMINED DURING PRE-CONSTRUCTION. CUT ROOTS WITH SHARP, CLEAN PRUNING INSTRUMENTS. DO NOT PULL, TEAR, BREAK OR CHOP. AFTER CONSTRUCTION IS COMPLETE, M-NCPPC'S HORTICULTURE STAFF WILL MONITOR THE TREE FOR HEALTH, VIABILITY, AND VIGOR. FUTURE CORRECTIVE MEASURES AND PRESERVATION TREATMENTS WILL BE IMPLEMENTED AS DETERMINED BY M-NCPPC'S HORTICULTURE STAFF.

SPECIAL TREE PROTECTION MEASURES FOR TREES TA76, TA77, T115, T118 & T119:

1. CAREFULLY REMOVE EXISTING ASPHALT DRIVE AROUND TA66 AND TA67, REMOVE ASPHALT DRIVE WHILE DRIVING ATOP REMAINING ASPHALT TO MINIMIZE DAMAGE TO TA66 AND TA67 CRITICAL ROOT ZONES AND TO AVOID SOIL COMPACTION.
2. USE A 300 CFM SSAT FOR RADIAL OR PARALLEL DECOMPACTION FOR AREA UNDER INNER CROWN OF TREES. CHECK BASAL AREA FOR GIRDLING ROOTS. PRE-WATER INNER TREE CROWN AS HARD CLAY AND ROCK ARE PRESENT JUST BELOW THE SURFACE. DECOMPACTION MUST BE A MINIMUM 12" WIDE AND 12" DEEP OR TO ROCK REFUSAL.
3. BACKFILL WITH 1:1 MIX OF COMPOST AND ORGANIC SOIL.
4. AMEND SOILS WITH INOCULANTS OF MYCORRHIZAL, BENEFICIAL NEMATODES, AND RELATED MICRO BIOTA AS LIQUID "TEA" AND ALSO MICROBIAL "FOOD" SUCH AS FISH HYDROLYSATE, KELP AND HUMATE (GRANULAR AND LIQUID APPLICATIONS). MULTIPLE APPLICATIONS ARE RECOMMENDED AS SEASON AND WEATHER ALLOWS.
5. INSTALL MULCH RINGS AFTER SOIL REMEDIATION MEASURES AROUND TRUNKS OF PRUNED TREES. INSTALL 1" MULCH DIAMETER FOR EVERY 1" DBH. MULCH RINGS ARE COMPRISED OF AGED WOOD CHIP MULCH THAT CAP OFF REMEDIAL AREA, CONTAIN MOISTURE, CONTROL EXTREME TEMPERATURES, AND PROVIDE ORGANIC RESIDUALS. DO NOT USE INVASIVE OR WALNUT CHIPS.
6. DURING HIGH TEMPERATURE MONTHS, PROVIDE SUPPLEMENTAL MOISTURE IF RAINFALL IS BELOW 1/4" PER WEEK FOR MORE THAN TWO WEEKS. METHODS MAY BE AS FOLLOWS: DRIP LINES FROM EXISTING WELL ON TIMER; PLASTIC FARM STORAGE TANK FOR GRAVITY FEED; 32 GALLON WATERING CANS WITH SMALL HOLES DRILLED IN BOTTOM FOR HAND WATER; OR OTHER METHODS THAT ALLOW FOR 100-250 GALLONS PER WATERING MINIMUM.
7. APPLY PLANT GROWTH REGULATOR SUCH AS "CAMBISTAT" OR APPROVED EQUAL ACCORDING TO REGULATOR LABEL DIRECTIONS ON PARTICULAR SIZE AND SPECIES.
8. BEGIN FOREMENTIONED STRESS REDUCTION MEASURES A MINIMUM OF ONE GROWING SEASON YEAR PRIOR TO CONSTRUCTION START.

ROOT PRUNE FOR T118 AND T119 WITH ROCKSAW TO FOOTER OF PROPOSED WALL. THE EXACT LAYOUT AND DEPTH OF ROOT PRUNING ARE TO BE DETERMINED DURING PRE-CONSTRUCTION COLLABORATION AFTER ON-SITE WALL LAYOUT.

THIS PLAN DOES NOT SUPERSEDE THE APPROVED FOREST CONSERVATION PLAN AND IS ONLY PROVIDED AS A REFERENCE. SEE THE FINAL FOREST CONSERVATION PLAN FOR FULL TREE PROTECTION MEASURES, NOTES, DETAILS AND REQUIREMENTS.



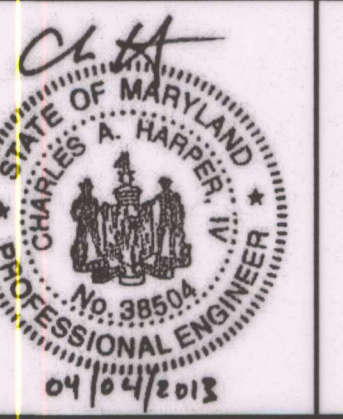
SEQUENCE OF CONSTRUCTION

1. ASPHALT DRIVEWAY MAY REMAIN FOR STAGING AND EQUIPMENT ACCESS UNTIL DEMOLITION.
2. INSTALL INTERIM DEMOLITION FENCE (TREE PROTECTION FENCING) 18" OFFSET FROM THE SOUTHERN EDGE OF EXISTING ASPHALT DRIVEWAY. USE TRENCHLESS SSF INSTALLATION AS INDICATED ON FC103 PLAN USING FILTER LOG OR APPROVED EQUAL.
3. DEMOLITION AS INDICATED - SEE DEMOLITION PLAN AND TREE PROTECTION MEASURES ON THIS SHEET FOR PROCEDURES.
4. ONCE PAVEMENT IS DEMOLISHED, INSPECTION BY ARBORIST TO DETERMINE DEPTH OF ROOTS IN BASE COURSE. REMOVE BASE COURSE TO ROOT REFUSAL OR MORE IF NO ROOTS ARE DETECTED. BASED UPON ARBORIST'S INSPECTION, SOIL REMEDIATION MAY BE RECOMMENDED.
5. BACKFILL PAVING AND STONE BASE VOID WITH APPROVED BULK TOPSOIL FROM LOCAL SOURCE. DO NOT COMPACT EXCEPT FOR GRADING MACHINE SMOOTHING. PROPOSED FILL AS INDICATED ON PLANS AND/OR LAID OUT ON SITE.
6. ADJUST INTERIM TREE PROTECTION FENCING TO PROPOSED GRADE FILL AREAS INSIDE CRITICAL ROOT ZONES. WELL DRAINED TOPSOIL MIX UP TO 9" IS APPROVED WITHIN CRITICAL ROOT ZONE UNTIL AERATION MATTING IS REQUIRED FOR DEEPER FILLS. SEE FC101 FOR LOCATION OF TREE PROTECTION FENCING. SEE DETAIL 3 ON FC104 FOR SPECIAL STRESS REDUCTION MEASURES FOR TREES TA76, TA77, T115, AND T118/T119.
7. ONCE TOPSOIL IS COMPLETE, INSTALL INTERIM FENCE AROUND THE TOPSOIL AREA TO PROTECT FROM VEHICLES AND STAGING.
8. ROOT PRUNE PRIOR TO GRADE CUT. ROOT PRUNING METHODS TO BE DETERMINED DURING PRE-CONSTRUCTION MEETING.
9. ROOT PRUNE FOR PROPOSED WALL FOOTER WITH ROCKSAW. EXACT LAYOUT AND DEPTH TO BE DETERMINED DURING PRE-CONSTRUCTION MEETING AFTER WALL LAYOUT.
10. ROOT PRUNE FOR PERIMETER LOD WITHIN CRITICAL ROOT ZONES PRIOR TO TREE PROTECTION FENCING INSTALLATION OR ESC INSTALLATION.
11. INSTALL TREE PROTECTION FENCING AT LOD AND AS REQUIRED FOR TREE PROTECTION.
12. SEQUENCE SELECTIVE REMOVAL OF TREES BY ARBORIST TO AVOID DAMAGE TO ROOTS, STEM, OR CROWN OF ADJACENT PROTECTED TREES. IN NATURAL AREAS, STUMPS ARE CUT LOW AND LEFT. IN PROPOSED TURF AREAS, STUMPS ARE GROUND OUT TO A 6" DEPTH. RAKE OUT CHIPS AND REPLACE WITH TOPSOIL.

A. MORTON THOMAS AND ASSOCIATES, INC.
 Designer's Name
 12750 TWINBROOK PARKWAY
 Address
 ROCKVILLE, MD 20852
 City/State/Zip
 301-881-2545
 Telephone Number

DESIGN		
AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
 License No. 38504
 Expiration Date 3/17/2014
 CHARLES A. HARPER IV



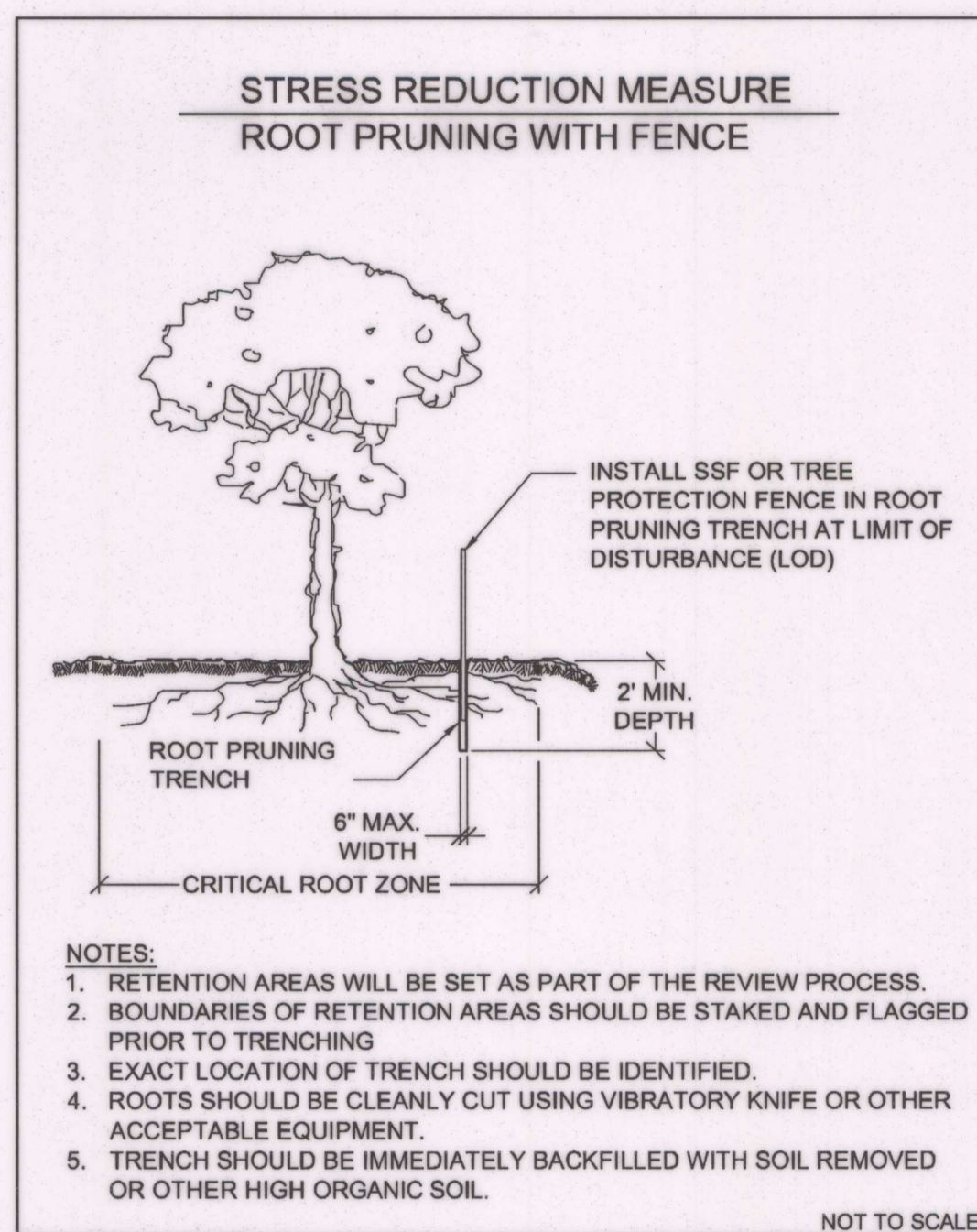
The Maryland-National Capital Park and Planning Commission
 Montgomery County Department of Parks
 9500 Brunell Avenue
 Silver Spring, Maryland 20901
 (301) 495-2535

REVIEW AND APPROVAL
 Project Manager Date 7-9-13
 Construction Manager Date
 Park Manager Date

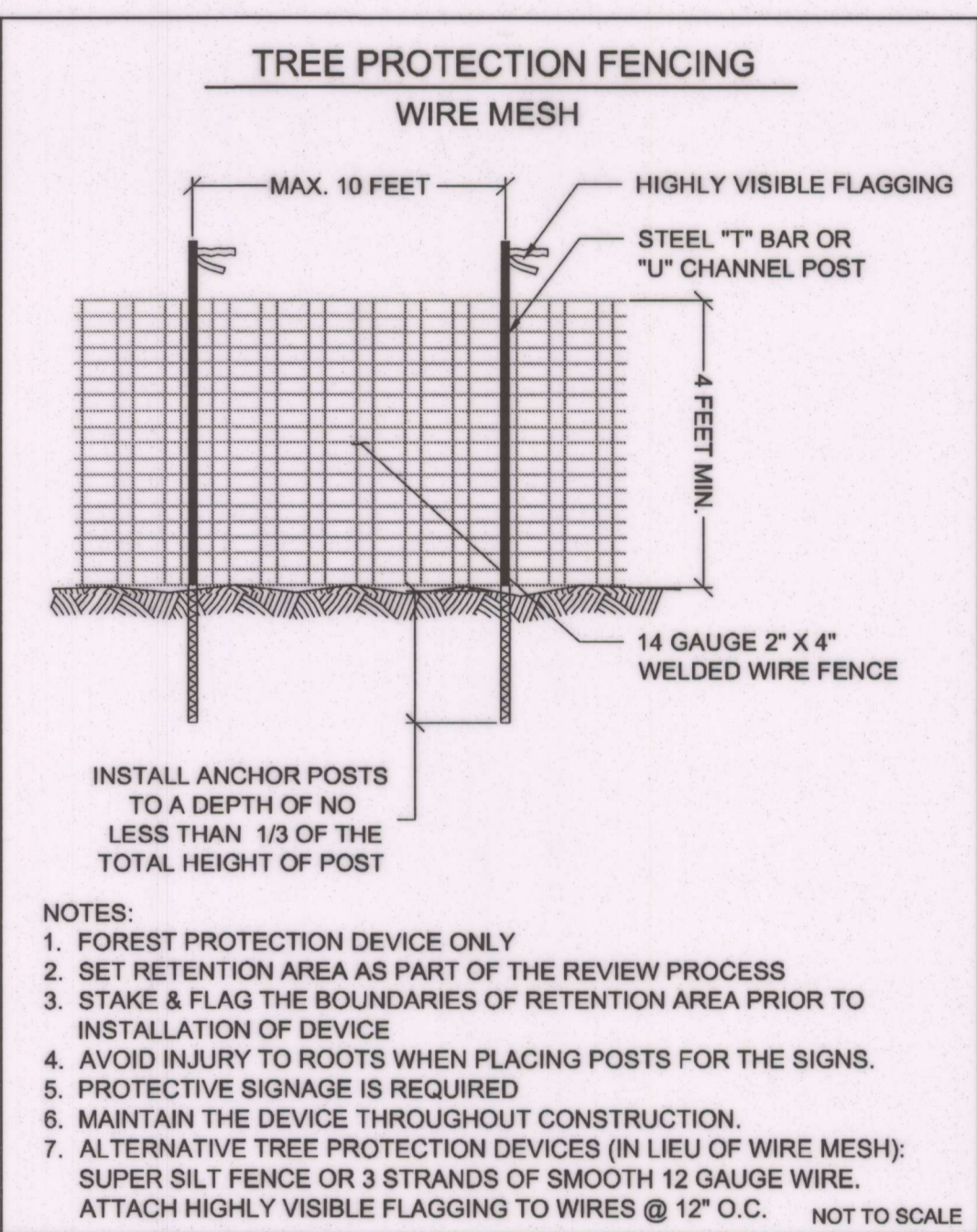
ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Tree Protection Plan
 Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871
 SCALE: 1" = 20'
 WSSC Grid Map #234NW14

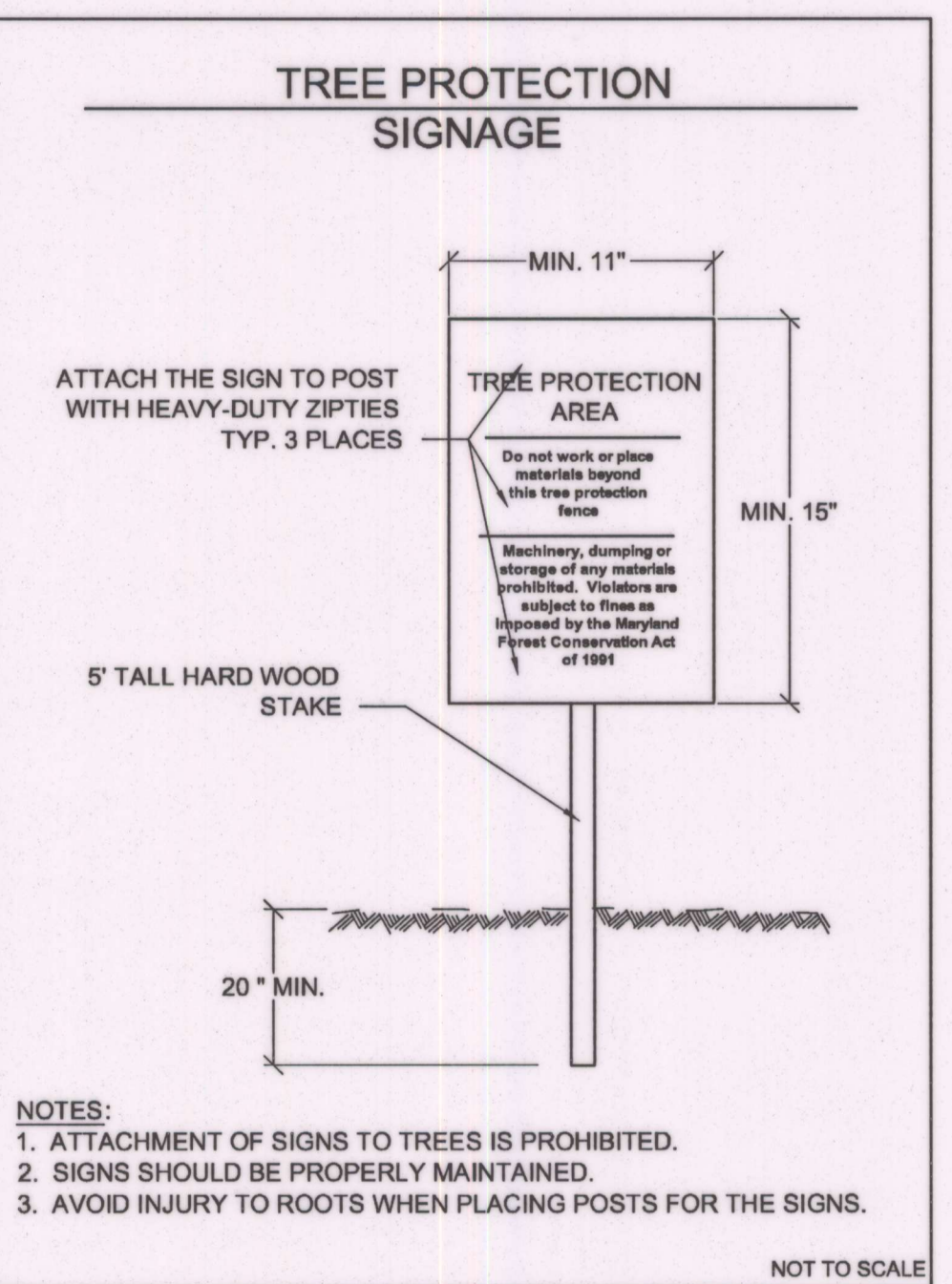
CD102
 SHEET 4 of 33



- NOTES:
1. RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS.
 2. BOUNDARIES OF RETENTION AREAS SHOULD BE STAKED AND FLAGGED PRIOR TO TRENCHING
 3. EXACT LOCATION OF TRENCH SHOULD BE IDENTIFIED.
 4. ROOTS SHOULD BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT.
 5. TRENCH SHOULD BE IMMEDIATELY BACKFILLED WITH SOIL REMOVED OR OTHER HIGH ORGANIC SOIL.



- NOTES:
1. FOREST PROTECTION DEVICE ONLY
 2. SET RETENTION AREA AS PART OF THE REVIEW PROCESS
 3. STAKE & FLAG THE BOUNDARIES OF RETENTION AREA PRIOR TO INSTALLATION OF DEVICE
 4. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.
 5. PROTECTIVE SIGNAGE IS REQUIRED
 6. MAINTAIN THE DEVICE THROUGHOUT CONSTRUCTION.
 7. ALTERNATIVE TREE PROTECTION DEVICES (IN LIEU OF WIRE MESH): SUPER SILT FENCE OR 3 STRANDS OF SMOOTH 12 GAUGE WIRE. ATTACH HIGHLY VISIBLE FLAGGING TO WIRES @ 12" O.C.



- NOTES:
1. ATTACHMENT OF SIGNS TO TREES IS PROHIBITED.
 2. SIGNS SHOULD BE PROPERLY MAINTAINED.
 3. AVOID INJURY TO ROOTS WHEN PLACING POSTS FOR THE SIGNS.

A. MORTON THOMAS AND ASSOCIATES, INC.			
Designer's Name	AMT	03/26/13	AMT
12750 TWINBROOK PARKWAY	Landscape Architect	Date	Checked By:
Address	N/A	N/A	N/A
ROCKVILLE, MD 20852	Architect	Date	Checked By:
City/State/Zip	AMT	03/26/13	AMT
301-881-2545	Engineer	Date	Checked By:
Telephone Number	AMT	03/26/13	AMT
	Drawn by	Date	Checked By:

DESIGN			
AMT	03/26/13	AMT	
Landscape Architect	Date	Checked By:	
N/A	N/A	N/A	N/A
Architect	Date	Checked By:	
AMT	03/26/13	AMT	
Engineer	Date	Checked By:	
AMT	03/26/13	AMT	
Drawn by	Date	Checked By:	

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504

Expiration Date 3/17/2014

CHARLES A. HARPER IV



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
7-9-13	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Tree Protection Details

Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871

SCALE: AS NOTED

WSSC Grid Map #234NW14

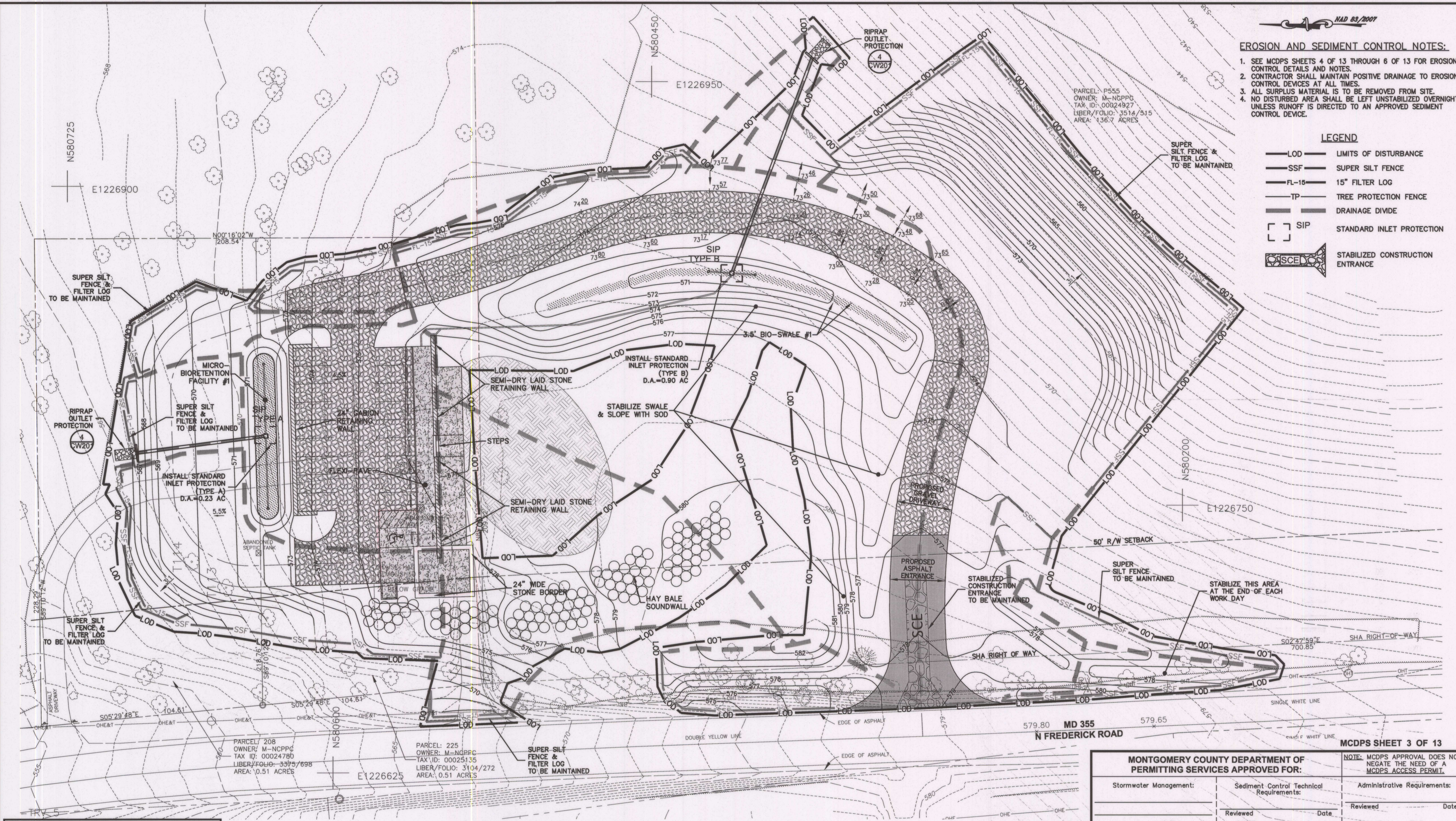
NAD 83/2007
EROSION AND SEDIMENT CONTROL NOTES:

- SEE MCDPS SHEETS 4 OF 13 THROUGH 6 OF 13 FOR EROSION CONTROL DETAILS AND NOTES.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO EROSION CONTROL DEVICES AT ALL TIMES.
- ALL SURPLUS MATERIAL IS TO BE REMOVED FROM SITE.
- NO DISTURBED AREA SHALL BE LEFT UNSTABILIZED OVERNIGHT, UNLESS RUNOFF IS DIRECTED TO AN APPROVED SEDIMENT CONTROL DEVICE.

LEGEND

	LOD	LIMITS OF DISTURBANCE
	SSF	SUPER SILT FENCE
	FL-15	15" FILTER LOG
	TP	TREE PROTECTION FENCE
		DRAINAGE DIVIDE
	SIP	STANDARD INLET PROTECTION
	SCE	STABILIZED CONSTRUCTION ENTRANCE

PARCEL: P555
 OWNER: M-NGPPG
 TAX ID: 00024927
 LIBER/FOLIO: 3514/315
 AREA: 136.7 ACRES

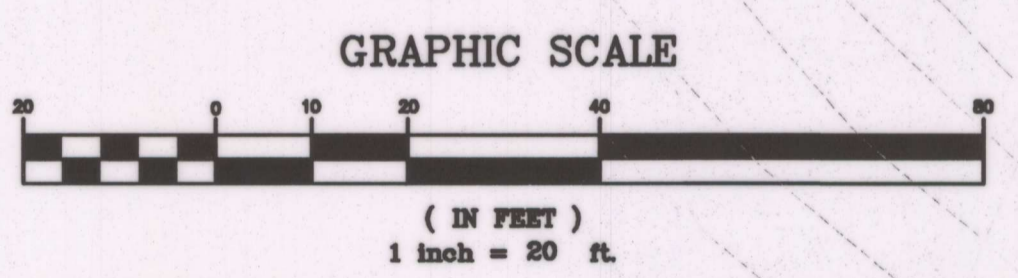


PARCEL: 208
 OWNER: M-NGPPG
 TAX ID: 00024780
 LIBER/FOLIO: 3395/698
 AREA: 0.51 ACRES

PARCEL: 225
 OWNER: M-NGPPG
 TAX ID: 00025135
 LIBER/FOLIO: 3104/272
 AREA: 0.51 ACRES

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	SEDIMENT CONTROL PERMIT NO. _____
MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.		

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 CALL "MISS UTILITY" AT 811
 OR LOG ON TO www.missutility.net
 Know what's below. Call before you dig.



A. MORTON THOMAS AND ASSOCIATES, INC.
 Designer's Name
 12750 TWINBROOK PARKWAY
 Address
 ROCKVILLE, MD 20852
 City/State/Zip
 301-881-2545
 Telephone Number

DESIGN

AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

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 9500 Brunnet Avenue
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 (301) 495-2535

REVIEW AND APPROVAL

Project Manager Date	7-9-13
Construction Manager Date	
Park Manager Date	

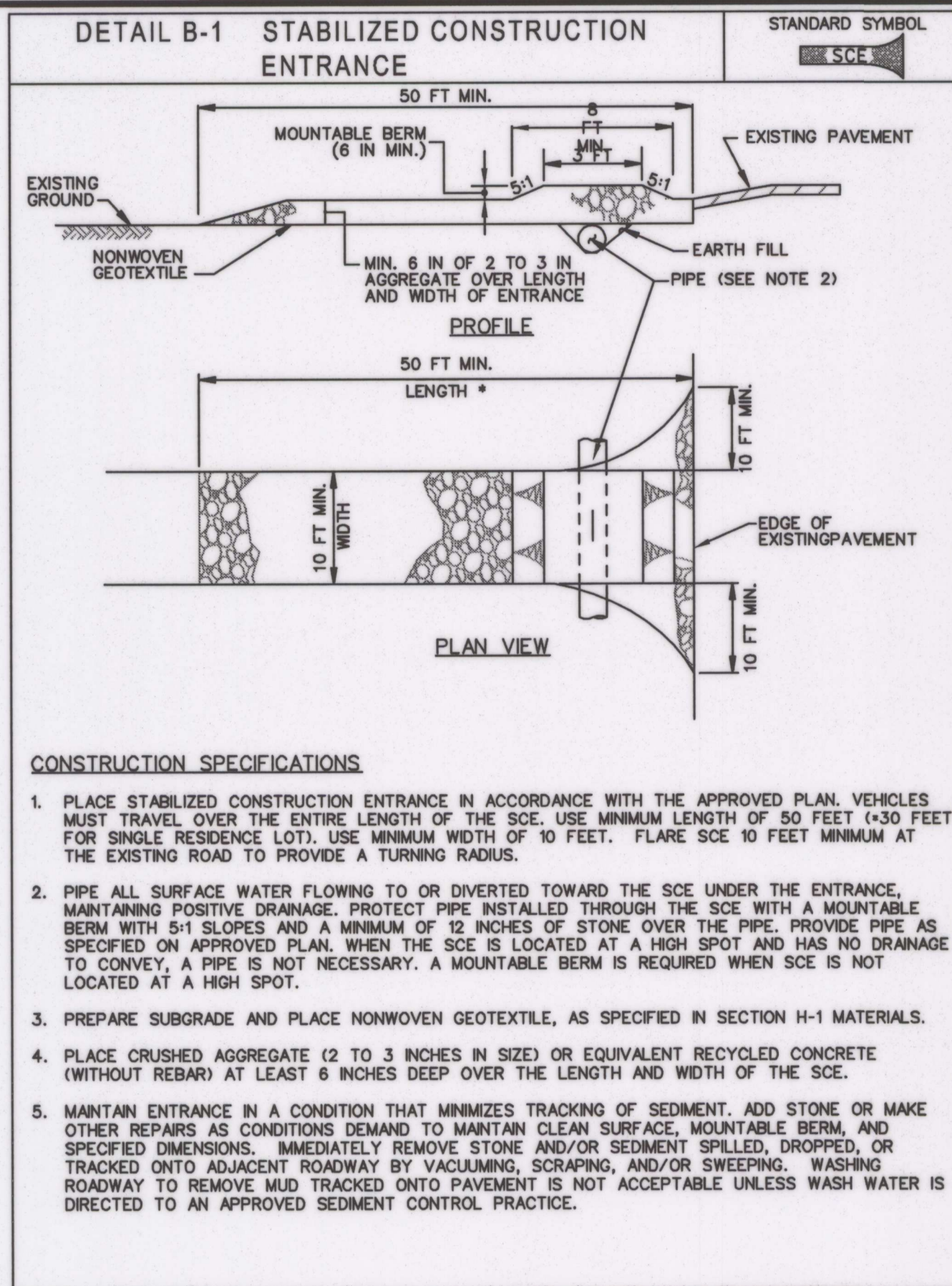
ISSUED FOR PROCUREMENT ON

REVISIONS		
Rev. No.	Date	Description

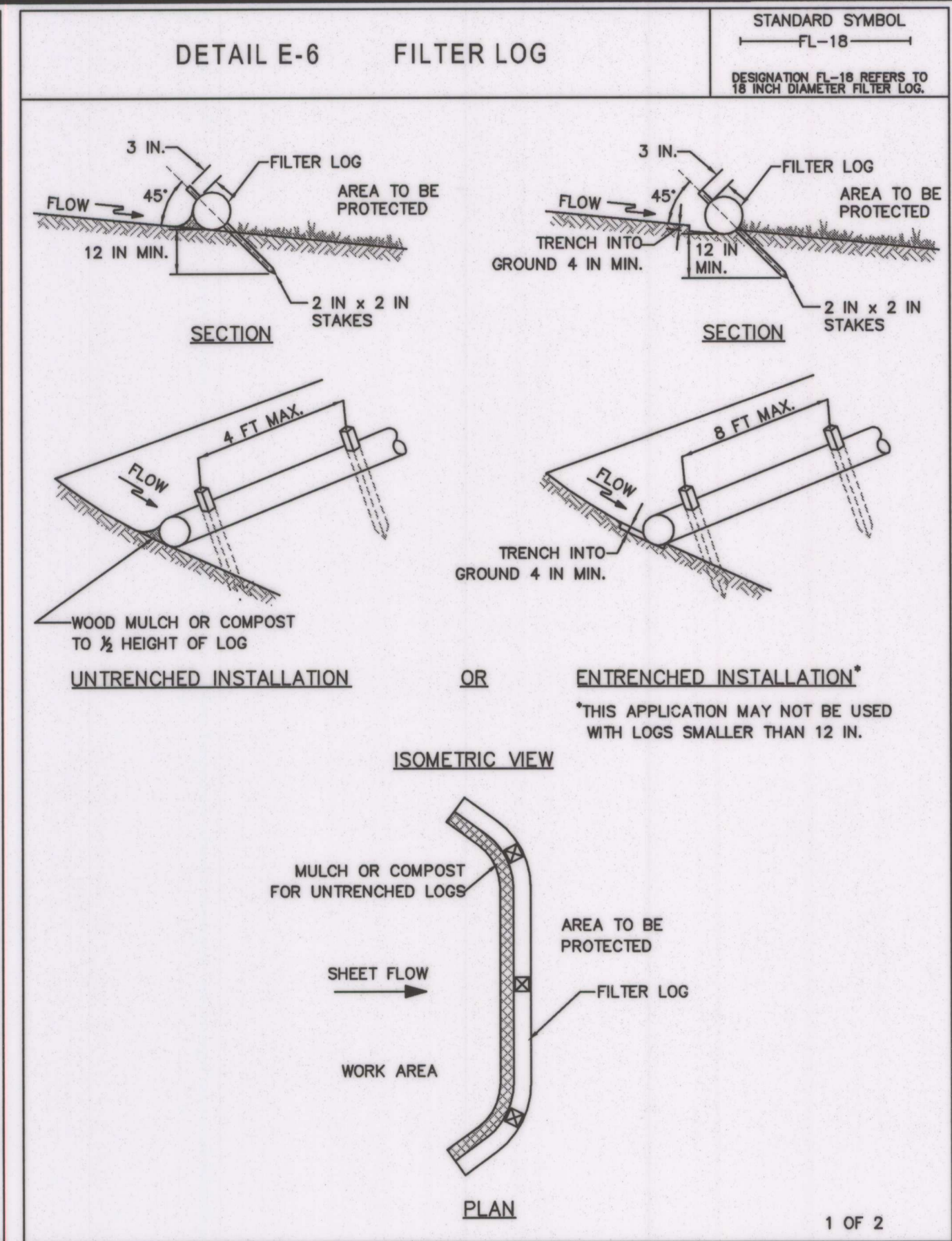
Erosion Control Plan - Final Phase
 Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871
 WSSC Grid Map #234NW14
 SCALE: 1" = 20'

CE102
 SHEET 7 of 33

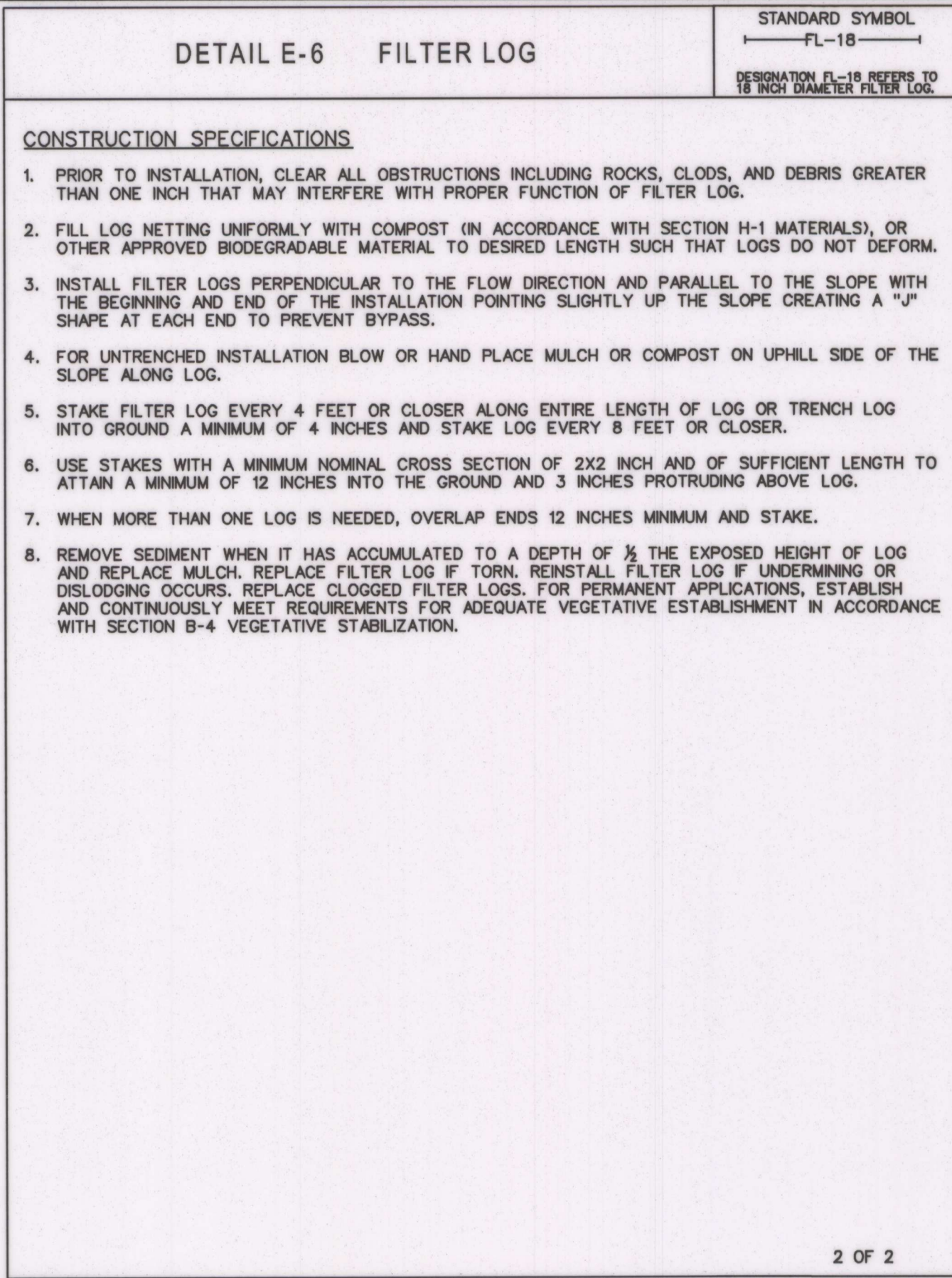
FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10 PLOTTED BY: HARPER, CHUCK, 4/12/2013 1:38 PM, X:\rockville\108-157-028 - M-NGPPG Little Bennett Reg US-CMD CE102-108157028.dwg CE102



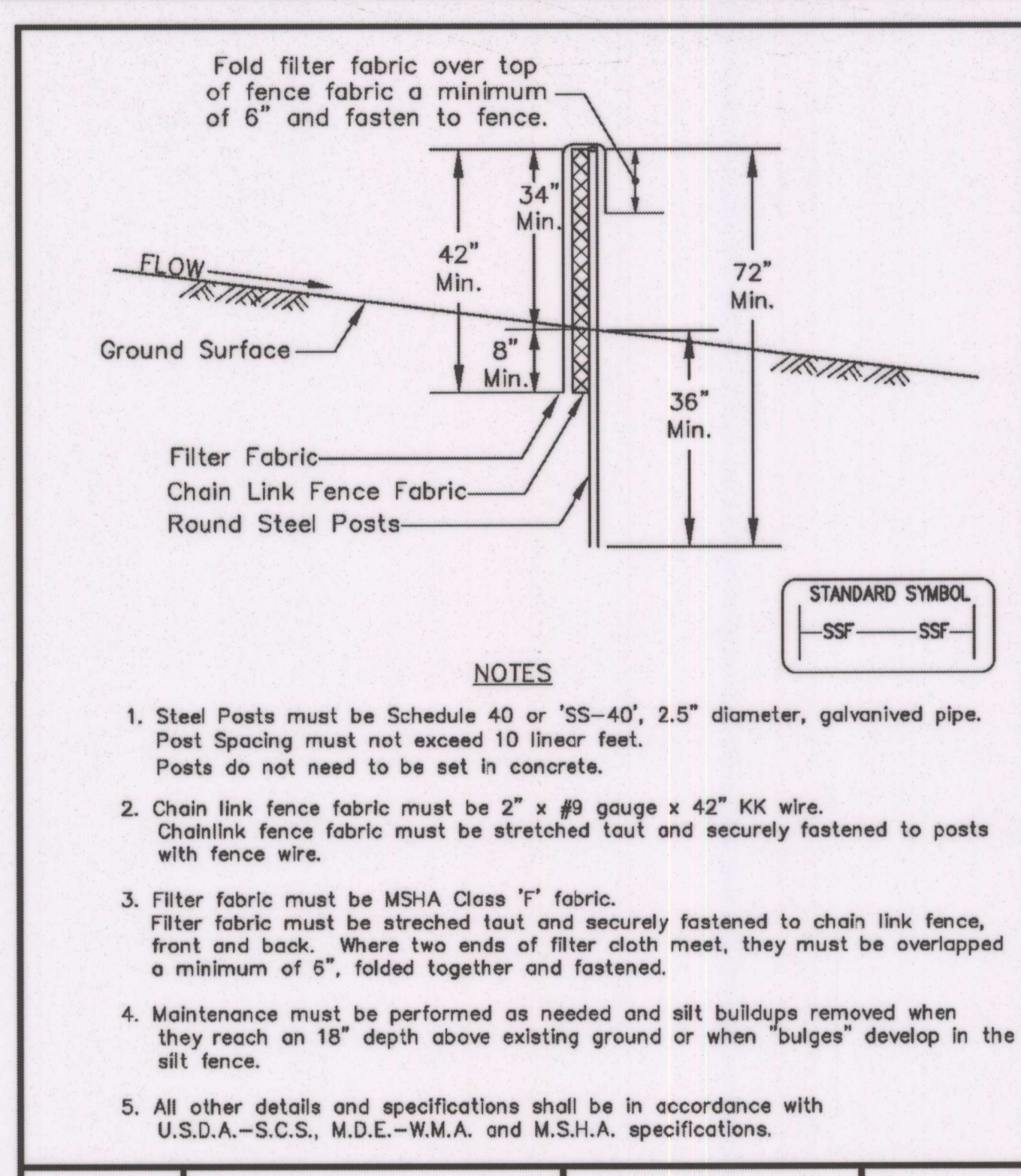
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



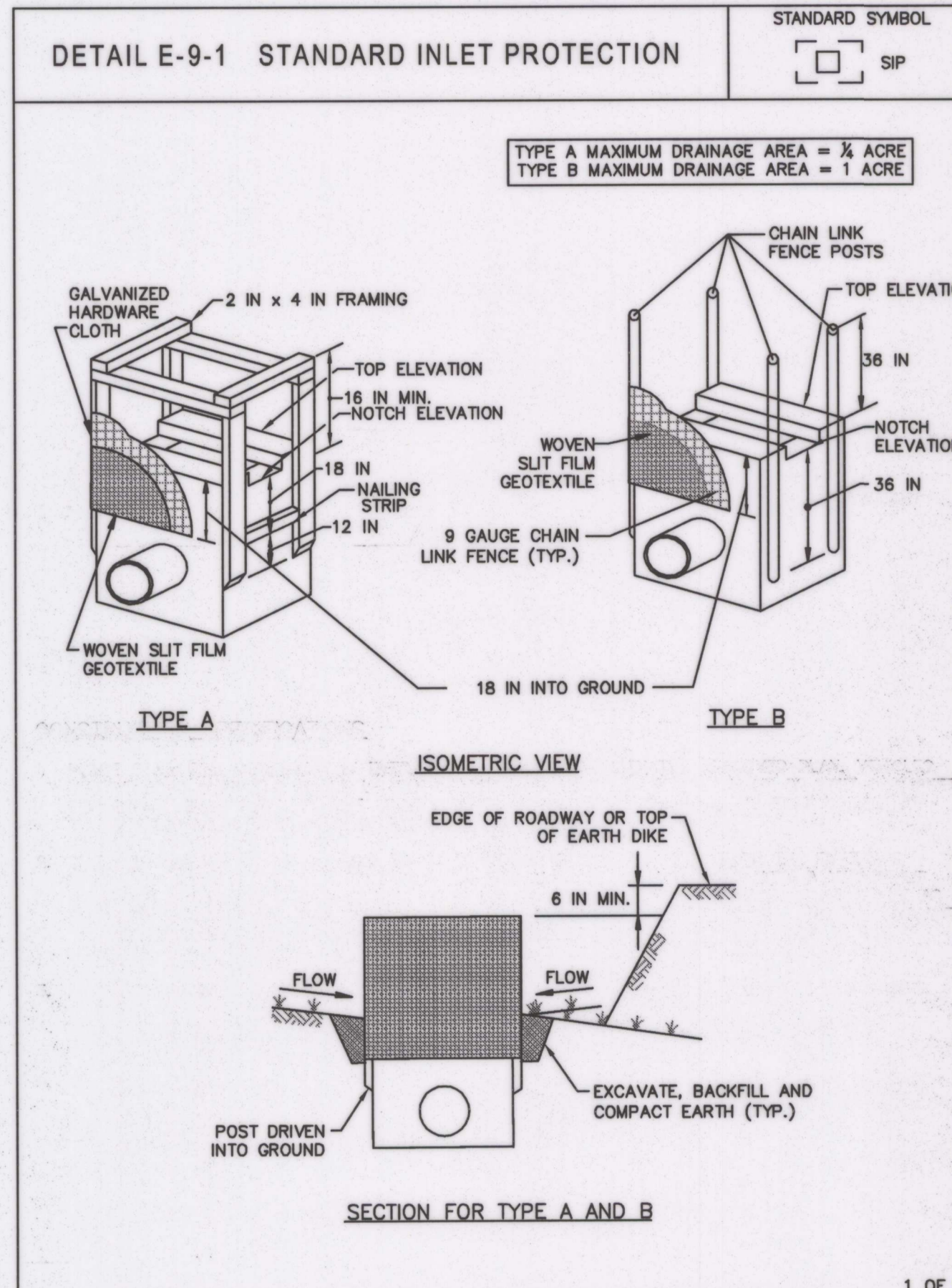
MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



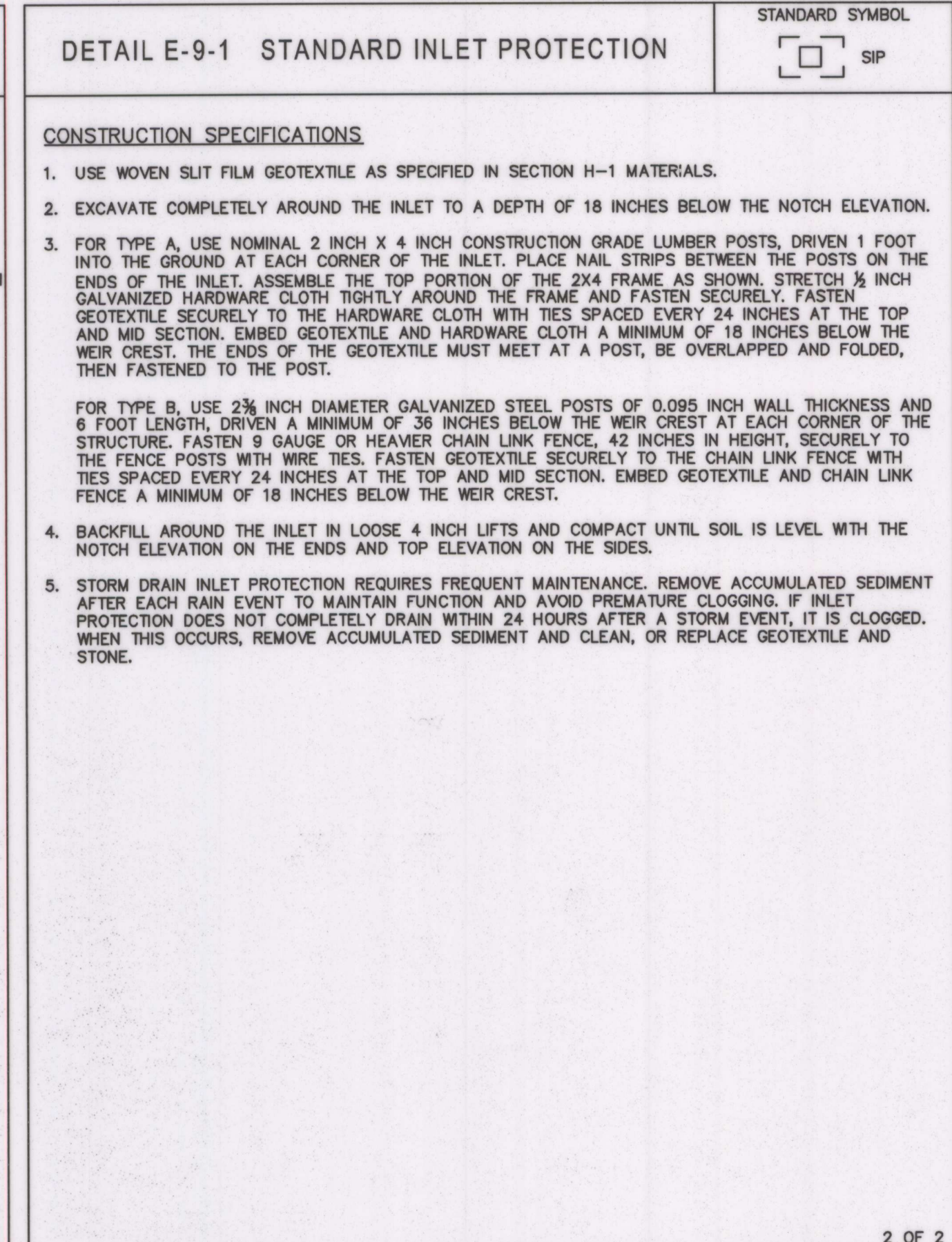
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 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



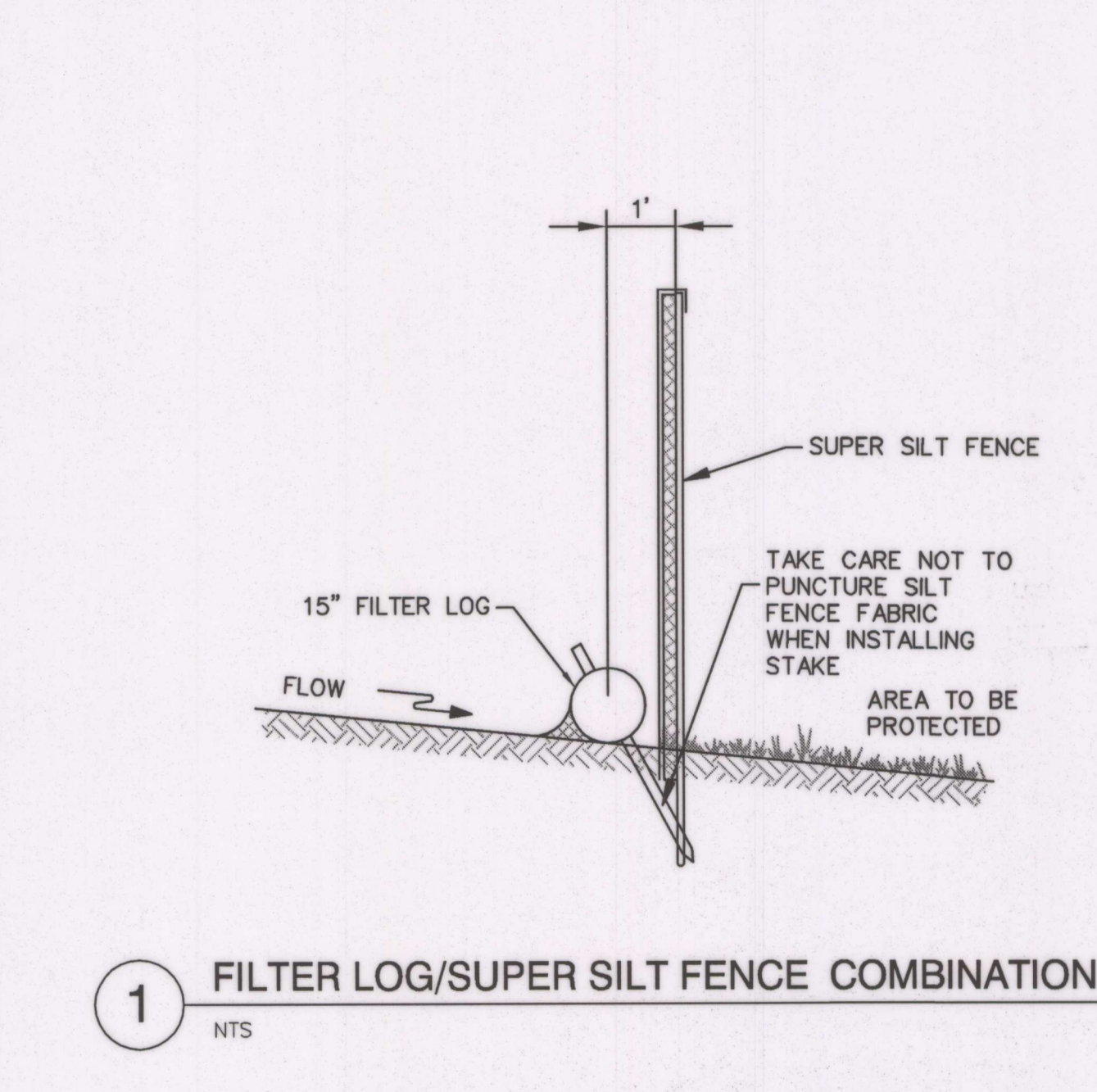
MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES WATER RESOURCES
 MODIFIED SUPER SILT FENCE
 DATE: 6/03
 SCALE: NONE



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION



MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
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MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
 U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

NOTE TO THE CONTRACTOR: "EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED" THIS PLAN IS FOR EROSION & SEDIMENT CONTROL PURPOSES ONLY.

MCDPS SHEET 4 OF 13

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:			NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:	
Reviewed	Reviewed	Reviewed	Date
Approved	Approved	Approved	Date
			SEDIMENT CONTROL PERMIT NO.

MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.

DESIGN		
AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504
 Expiration Date 3/17/2014
 CHARLES A. HARPER IV

REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON	
Project Manager	Date	Rev. No.	Date
Construction Manager	Date		
Park Manager	Date		

Erosion Control Details

Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871

SCALE: AS NOTED
 WSSC Grid Map #234NW14

CE501
 SHEET 8 of 33

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10 M-NCPPC Little Bennett Reg 05-040-001-108157028.dwg CE501 Plotted By: Harper, Chuck, 4/12/2013 1:38 PM

STANDARD EROSION AND SEDIMENT CONTROL NOTES

- THE PERMITTEE SHALL NOTIFY THE DEPARTMENT OF PERMITTING SERVICES (DPS) FORTY-EIGHT (48) HOURS BEFORE COMMENCING ANY LAND DISTURBING ACTIVITY AND, UNLESS WAIVED BY THE DEPARTMENT, SHALL BE REQUIRED TO HOLD A PRE-CONSTRUCTION MEETING BETWEEN THEM OR THEIR REPRESENTATIVE, THEIR ENGINEER AND AN AUTHORIZED REPRESENTATIVE OF THE DEPARTMENT.
- THE PERMITTEE MUST OBTAIN INSPECTION AND APPROVAL BY DPS AT THE FOLLOWING POINTS:
 - AT THE REQUIRED PRE-CONSTRUCTION MEETING.
 - FOLLOWING INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRIOR TO ANY OTHER LAND DISTURBING ACTIVITY.
 - DURING THE INSTALLATION OF A SEDIMENT BASIN OR STORMWATER MANAGEMENT STRUCTURE AT THE REQUIRED INSPECTION POINTS (SEE INSPECTION CHECKLIST ON PLAN). NOTIFICATION PRIOR TO COMMENCING CONSTRUCTION IS MANDATORY.
 - PRIOR TO REMOVAL OR MODIFICATION OF ANY SEDIMENT CONTROL STRUCTURE(S).
 - PRIOR TO FINAL ACCEPTANCE.
- THE PERMITTEE SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE, SHALL HAVE THEM INSPECTED AND APPROVED BY THE DEPARTMENT PRIOR TO BEGINNING ANY OTHER LAND DISTURBANCES, SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES, AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURE WITHOUT PRIOR PERMISSION FROM THE DEPARTMENT.
- THE PERMITTEE SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO TRAVERSED PUBLIC THOROUGHFARE(S). ALL MATERIALS DEPOSITED ONTO PUBLIC THOROUGHFARE(S) SHALL BE REMOVED IMMEDIATELY.
- THE PERMITTEE SHALL INSPECT PERIODICALLY AND MAINTAIN CONTINUOUSLY, IN EFFECTIVE OPERATING CONDITION, ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIMES AS THEY ARE REMOVED WITH PRIOR PERMISSION FROM THE DEPARTMENT. THE PERMITTEE IS RESPONSIBLE FOR IMMEDIATELY REPAIRING OR REPLACING ANY SEDIMENT CONTROL MEASURES WHICH HAVE BEEN DAMAGED OR REMOVED BY PERMITTEE OR ANY OTHER PERSON.
- ALL SEDIMENT BASINS, TRAP EMBANKMENTS, PERIMETER DIKES AND ALL DISTURBED SLOPES STEEPER OR EQUAL TO 3:1 SHALL BE STABILIZED WITH SOD, SEED, AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES, WITHIN THREE (3) CALENDAR DAYS OF ESTABLISHMENT. ALL AREAS DISTURBED OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM MUST BE MINIMIZED AND STABILIZED IMMEDIATELY. MAINTENANCE MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION.
- THE PERMITTEE SHALL APPLY, SOD, SEED, AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES TO ALL DISTURBED AREAS WITHIN SEVEN (7) CALENDAR DAYS AFTER STRIPPING AND GRADING ACTIVITIES HAVE CEASED ON THAT AREA. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. ACTIVE CONSTRUCTION AREAS, SUCH AS BORROW OR STOCKPILE AREAS, ROADWAY IMPROVEMENTS, AND AREAS WITHIN FIFTY (50) FEET OF A BUILDING UNDER CONSTRUCTION MAY BE EXEMPT FROM THIS REQUIREMENT, PROVIDED THAT EROSION AND SEDIMENT CONTROL MEASURES ARE INSTALLED AND MAINTAINED TO PROTECT THOSE AREAS.
- PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES, THE PERMITTEE SHALL STABILIZE ALL CONTRIBUTORY DISTURBED AREAS WITH REQUIRED SOIL AMENDMENTS AND TOPSOIL, USING SOD OR AN APPROVED PERMANENT SEED MIXTURE AND AN APPROVED ANCHORED MULCH. WOOD FIBER MULCH MAY ONLY BE USED IN SEEDING SEASON WHEN THE SLOPE DOES NOT EXCEED 10% AND GRADING HAS BEEN DONE TO PROMOTE SHEET FLOW DRAINAGE. AREAS BROUGHT TO FINISHED GRADE DURING THE SEEDING SEASON SHALL BE PERMANENTLY STABILIZED WITHIN SEVEN (7) CALENDAR DAYS OF ESTABLISHMENT. WHEN PROPERTY IS BROUGHT TO FINISHED GRADE DURING THE MONTHS OF NOVEMBER THROUGH FEBRUARY, AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, AN APPROVED TEMPORARY SEED AND STRAW ANCHORED MULCH SHALL BE APPLIED TO DISTURBED AREAS. THE FINAL PERMANENT STABILIZATION OF SUCH PROPERTY SHALL BE COMPLETED PRIOR TO THE FOLLOWING APRIL 15.
- THE SITE PERMIT, WORK, MATERIALS, APPROVED SC/SM PLANS AND TEST REPORTS SHALL BE AVAILABLE AT THE SITE FOR INSPECTION BY DULY AUTHORIZED OFFICIALS OF MONTGOMERY COUNTY.
- SURFACE DRAINAGE FLOWS OVER UNSTABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING DRAINAGE FLOWS FROM TRAVERSING THE SLOPES OR BY INSTALLING MECHANICAL DEVICES TO LOWER THE WATER DOWNSLOPE WITHOUT CAUSING EROSION. DIKES SHALL BE INSTALLED AND MAINTAINED AT THE TOP OF CUT OR FILL SLOPES UNTIL THE SLOPE AND DRAINAGE AREA TO IT ARE FULLY STABILIZED, AT WHICH TIME THEY MUST BE REMOVED AND FINAL GRADING DONE TO PROMOTE SHEET FLOW DRAINAGE. MECHANICAL DEVICES MUST BE PROVIDED AT POINTS OF CONCENTRATED FLOW WHERE EROSION IS LIKELY TO OCCUR.
- PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITHIN THREE (3) CALENDAR DAYS OF ESTABLISHMENT WITH SOD OR SEED WITH AN APPROVED EROSION CONTROL MATTING OR BY OTHER APPROVED STABILIZATION MEASURES.
- TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE REMOVED, WITH PERMISSION OF THE DEPARTMENT, WITHIN THIRTY (30) CALENDAR DAYS FOLLOWING ESTABLISHMENT OF PERMANENT STABILIZATION IN ALL CONTRIBUTORY DRAINAGE AREAS. STORMWATER MANAGEMENT STRUCTURES USED TEMPORARILY FOR SEDIMENT CONTROL SHALL BE CONVERTED TO THE PERMANENT CONFIGURATION WITHIN THIS TIME PERIOD AS WELL.
- NO PERMANENT CUT OR FILL SLOPE WITH A GRADIENT STEEPER THAN 3:1 WILL BE PERMITTED IN LAWN MAINTENANCE AREAS OR ON RESIDENTIAL LOTS. A SLOPE GRADIENT OF UP TO 2:1 WILL BE PERMITTED IN NON-MAINTENANCE AREAS PROVIDED THAT THOSE AREAS ARE INDICATED ON THE EROSION AND SEDIMENT CONTROL PLAN WITH A LOW- MAINTENANCE GROUND COVER SPECIFIED FOR PERMANENT STABILIZATION. SLOPE GRADIENTS STEEPER THAN 2:1 WILL NOT BE PERMITTED WITH VEGETATIVE STABILIZATION.
- THE PERMITTEE SHALL INSTALL A SPLASHBLOCK AT THE BOTTOM OF EACH DOWNSPOUT UNLESS THE DOWNSPOUT IS CONNECTED BY A DRAIN LINE TO AN ACCEPTABLE OUTLET.
- FOR FINISHED GRADING, THE PERMITTEE SHALL PROVIDE ADEQUATE GRADIENTS SO AS TO PREVENT WATER FROM STANDING ON THE SURFACE OF LAWNS MORE THAN TWENTY-FOUR (24) HOURS AFTER THE END OF A RAINFALL, EXCEPT IN DESIGNATED DRAINAGE COURSES AND SWALE FLOW AREAS, WHICH MAY DRAIN AS LONG AS FORTY-EIGHT (48) HOURS AFTER THE END OF A RAINFALL.
- SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN TWENTY (20) FEET OF A BUILDING WHICH IS EXISTING OR UNDER CONSTRUCTION. NO BUILDING MAY BE CONSTRUCTED WITHIN TWENTY (20) FEET OF A SEDIMENT TRAP OR BASIN.
- ALL INLETS IN NON-SUMP AREAS SHALL HAVE ASPHALT BERMS INSTALLED AT THE TIME OF BASE PAVING ESTABLISHMENT.
- THE SEDIMENT CONTROL INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SEDIMENT CONTROL MEASURES, AS DEEMED NECESSARY.
- ALL TRAP ELEVATIONS ARE RELATIVE TO THE OUTLET ELEVATION, WHICH MUST BE ON EXISTING UNDISTURBED GROUND.
- VEGETATIVE STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- TEMPORARY SEDIMENT TRAP(S) SHALL BE CLEANED OUT AND RESTORED TO THE ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO THE POINT OF ONE-HALF (1/2) THE WET VOLUME OF THE TRAP OR WHEN REQUIRED BY THE SEDIMENT CONTROL INSPECTOR.
- SEDIMENT REMOVED FROM TRAPS SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN.
- ALL SEDIMENT BASINS AND TRAPS MUST BE SURROUNDED WITH A WELDED WIRE SAFETY FENCE. THE FENCE MUST BE AT LEAST FORTY-TWO (42) INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN EIGHT (8) FEET, HAVE MESH OPENINGS NO GREATER THAN TWO (2) INCHES IN WIDTH AND FOUR (4) INCHES IN HEIGHT, WITH A MINIMUM OF FOURTEEN (14) GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED IN GOOD CONDITION AT ALL TIMES.
- NO EXCAVATION IN THE AREAS OF EXISTING UTILITIES IS PERMITTED UNLESS THEIR LOCATION HAS BEEN DETERMINED. CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK.
- OFF-SITE SPOIL OR BORROW AREAS MUST HAVE PRIOR APPROVAL BY DPS.
- SEDIMENT TRAP/BASIN DEWATERING FOR CLEANOUT OR REPAIR MAY ONLY BE DONE WITH THE DPS INSPECTOR'S PERMISSION. THE INSPECTOR MUST APPROVE THE DEWATERING METHOD FOR EACH APPLICATION. THE FOLLOWING METHODS MAY BE CONSIDERED:
 - PUMP DISCHARGE MAY BE DIRECTED TO ANOTHER ON-SITE SEDIMENT TRAP OR BASIN, PROVIDED IT IS OF SUFFICIENT VOLUME AND THE PUMP INTAKE IS FLOATED TO PREVENT AGITATION OR SUCTION OF DEPOSITED SEDIMENTS; OR
 - THE PUMP INTAKE MAY UTILIZE A REMOVABLE PUMPING STATION AND MUST DISCHARGE INTO AN UNDISTURBED AREA THROUGH A NON-EROSIVE OUTLET; OR
 - THE PUMP INTAKE MAY BE FLOATED AND DISCHARGE INTO A DIRT BAG (12 OZ. NON-WOVEN FABRIC), OR APPROVED EQUIVALENT, LOCATED IN AN UNDISTURBED BUFFER AREA.

REMEMBER: DEWATERING OPERATION AND METHOD MUST HAVE PRIOR APPROVAL BY THE DPS INSPECTOR.
- THE PERMITTEE MUST NOTIFY THE DEPARTMENT OF ALL UTILITY CONSTRUCTION ACTIVITIES WITHIN THE PERMITTED LIMITS OF DISTURBANCE PRIOR TO THE COMMENCEMENT OF THOSE ACTIVITIES.
- TOPSOIL MUST BE APPLIED TO ALL PERVIOUS AREAS WITHIN THE LIMITS OF DISTURBANCE PRIOR TO PERMANENT STABILIZATION IN ACCORDANCE WITH MONTGOMERY COUNTY STANDARDS AND SPECIFICATIONS FOR TOPSOILING.

NOTE TO THE CONTRACTOR: "EROSION AND SEDIMENT CONTROL SHALL BE STRICTLY ENFORCED"
THIS PLAN IS FOR EROSION & SEDIMENT CONTROL PURPOSES ONLY.

STANDARDS AND SPECIFICATIONS FOR TOP SOIL

DEFINITION

PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE

TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

CONDITIONS WHERE PRACTICE APPLIES

THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES.

FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS SET FORTH IN THESE SPECIFICATIONS.

TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING.

- TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILT LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY DPS. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURED SUBSOILS, AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CINDERS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1" IN DIAMETER.

THE SUBSOIL SHALL BE TILLED TO A MINIMUM DEPTH OF 6 INCHES BEFORE PLACEMENT OF TOPSOIL.

WHERE THE SUBSOIL IS EITHER HIGHLY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 LBS PER 1000 SQ FT) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER DESIGNATED AREAS AND WORKED INTO THE SOIL.

TOPSOIL SHALL BE TESTED AND AMENDED AS PER SOIL TEST RECOMMENDATIONS.

TOPSOIL APPLICATION

- WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES.
- TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4-8 INCH LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4 INCHES. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
- TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET OR IN CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

- THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
- THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
- THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
- THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
- FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE;
 - ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER;
 - DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
- FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES;
 - LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.
 - APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.

MCDPS SHEET 5 OF 13

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed	Reviewed	Reviewed
Date	Date	Date
Approved	Approved	SEDIMENT CONTROL PERMIT NO.
Date	Date	

MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.

A. MORTON THOMAS AND ASSOCIATES, INC.		
Designer's Name	AMT	AMT
12750 TWINBROOK PARKWAY	03/26/13	
Address	N/A	N/A
ROCKVILLE, MD 20852		
City/State/Zip	AMT	AMT
301-881-2545	03/26/13	
Telephone Number		

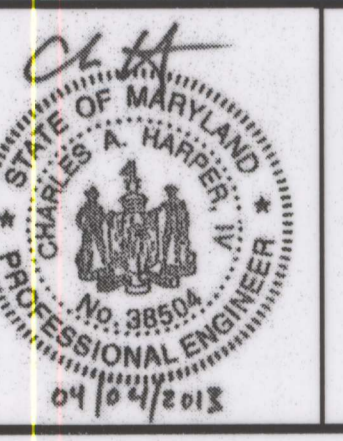
DESIGN		
AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504

Expiration Date 3/17/2014

CHARLES A. HARPER IV



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	7-9-13
Date	
Construction Manager	
Date	
Park Manager	
Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Erosion Control Notes

Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871

SCALE: AS NOTED

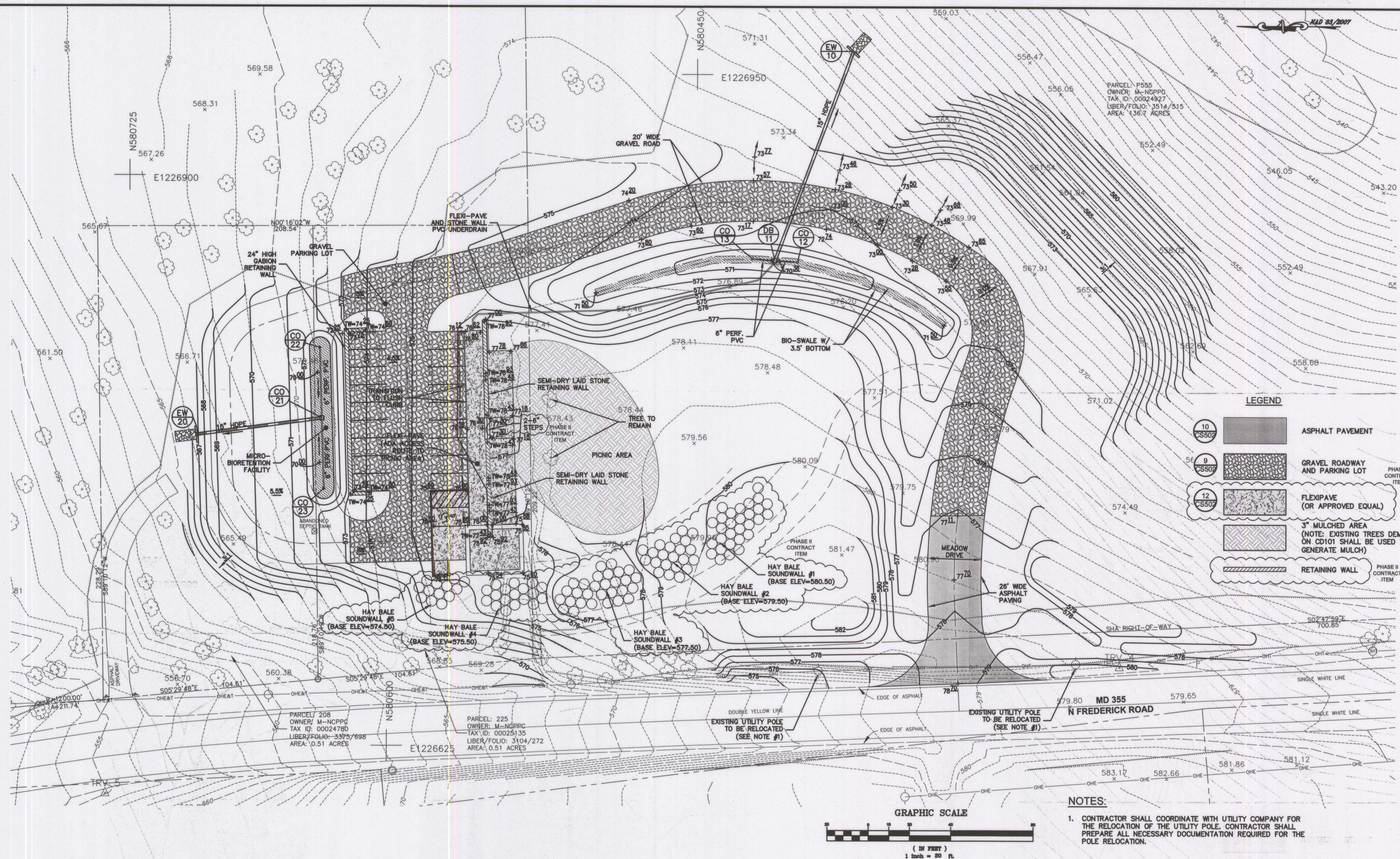
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CE502

SHEET 9 of 33

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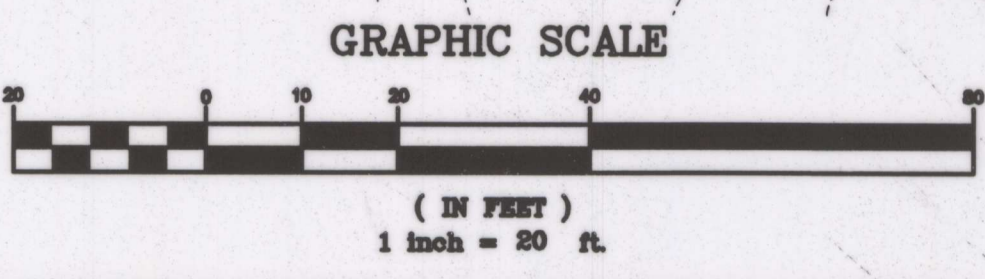
PARCEL: P555
 OWNER: M-NCPPC
 TAX ID: 00024927
 LIBER/FOLIO: 3514/315
 AREA: 136.7 ACRES

LEGEND

	ASPHALT PAVEMENT
	GRAVEL ROADWAY AND PARKING LOT
	FLEXIPAWE (OR APPROVED EQUAL)
	3" MULCHED AREA (NOTE: EXISTING TREES DEMO'D ON CD101 SHALL BE USED TO GENERATE MULCH)
	RETAINING WALL

NOTES:

- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR THE RELOCATION OF THE UTILITY POLE. CONTRACTOR SHALL PREPARE ALL NECESSARY DOCUMENTATION REQUIRED FOR THE POLE RELOCATION.



A. MORTON THOMAS AND ASSOCIATES, INC.
 Designer's Name
 12750 TWINBROOK PARKWAY
 Address
 ROCKVILLE, MD 20852
 City/State/Zip
 301-881-2545
 Telephone Number

DESIGN			
AMT	03/26/13	AMT	
Landscape Architect	Date	Checked By:	
N/A	N/A	N/A	
Architect	Date	Checked By:	
AMT	03/26/13	AMT	
Engineer	Date	Checked By:	
AMT	03/26/13	AMT	
Drawn by	Date	Checked By:	

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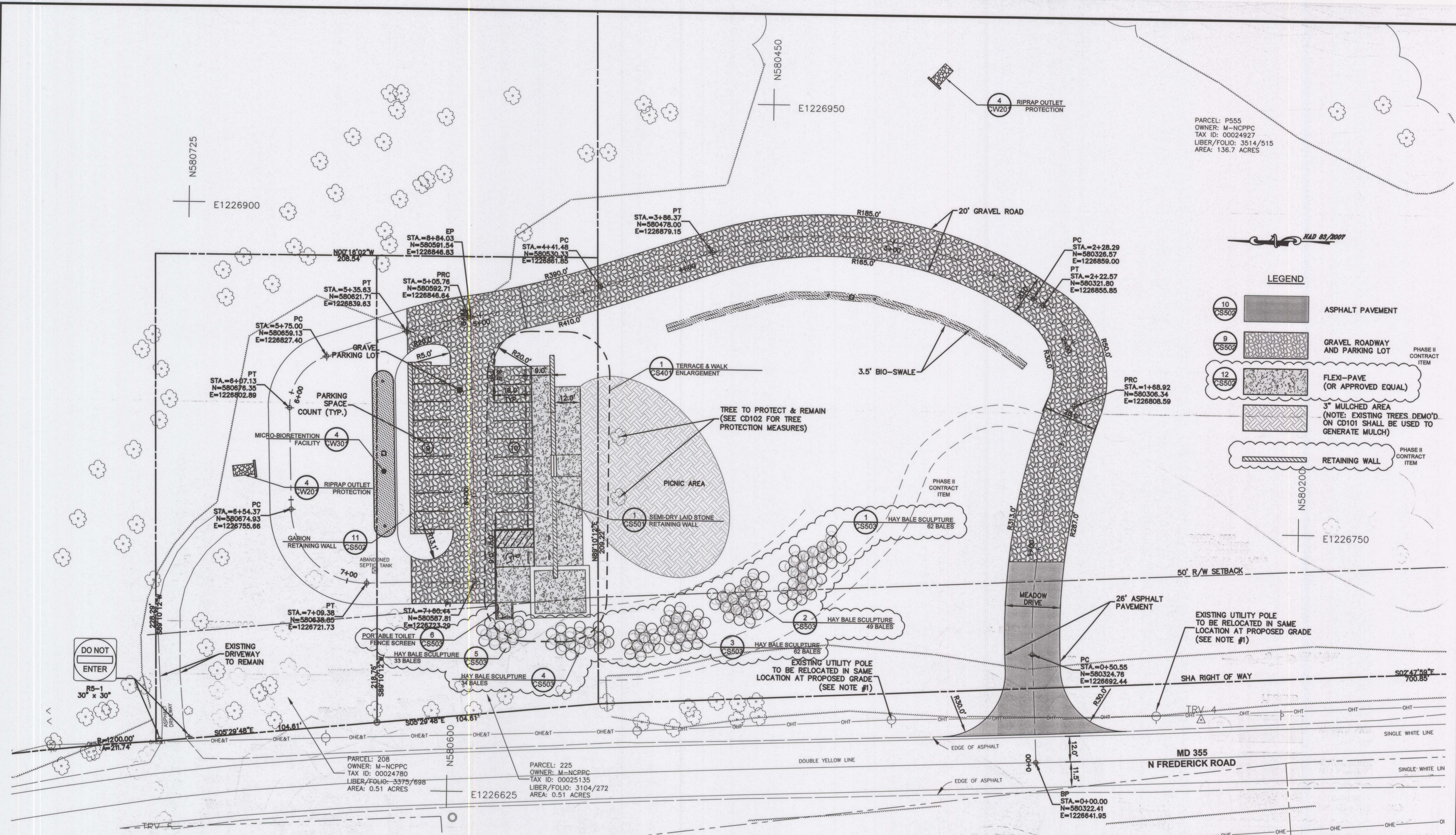
REVIEW AND APPROVAL	
	7-9-13
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Site Grading Plan
 Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871
 SCALE: 1" = 20'
 WSSC Grid Map #234NW14

CG101
 SHEET 11 of 33

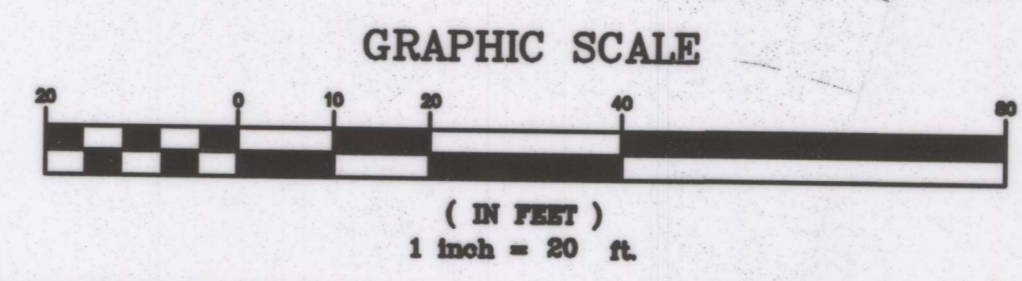
FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10



PARCEL: P555
 OWNER: M-NCPPC
 TAX ID: 0024927
 LIBER/FOLIO: 3514/515
 AREA: 136.7 ACRES

LEGEND

- 10 CS502 ASPHALT PAVEMENT
- 9 CS502 GRAVEL ROADWAY AND PARKING LOT
- 12 CS502 FLEXI-PAVE (OR APPROVED EQUAL)
- 3" MULCHED AREA (NOTE: EXISTING TREES DEMO'D ON CD101 SHALL BE USED TO GENERATE MULCH)
- RETAINING WALL



- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY FOR THE RELOCATION OF THE UTILITY POLE. CONTRACTOR SHALL PREPARE ALL NECESSARY DOCUMENTATION REQUIRED FOR THE POLE RELOCATION.
 - PROVIDE PAVEMENT MARKINGS FOR HANDICAP SPACES AND ASSOCIATED LOADING SPACE. OTHER MARKINGS NOT REQUIRED; SHOWN FOR PLANNING PURPOSES.

A. MORTON THOMAS AND ASSOCIATES, INC.			
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Address	ROCKVILLE, MD 20852		
City/State/Zip	301-881-2545		
Telephone Number			

DESIGN			
AMT	03/26/13	AMT	
Landscape Architect	Date	Checked By:	
N/A	N/A	N/A	
Architect	Date	Checked By:	
AMT	03/26/13	AMT	
Engineer	Date	Checked By:	
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 9500 Brunett Avenue
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REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

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Site Layout Plan

Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871

WSSC Grid Map #234NW14

SCALE: 1" = 20'

CS101

SHEET 12 of 33

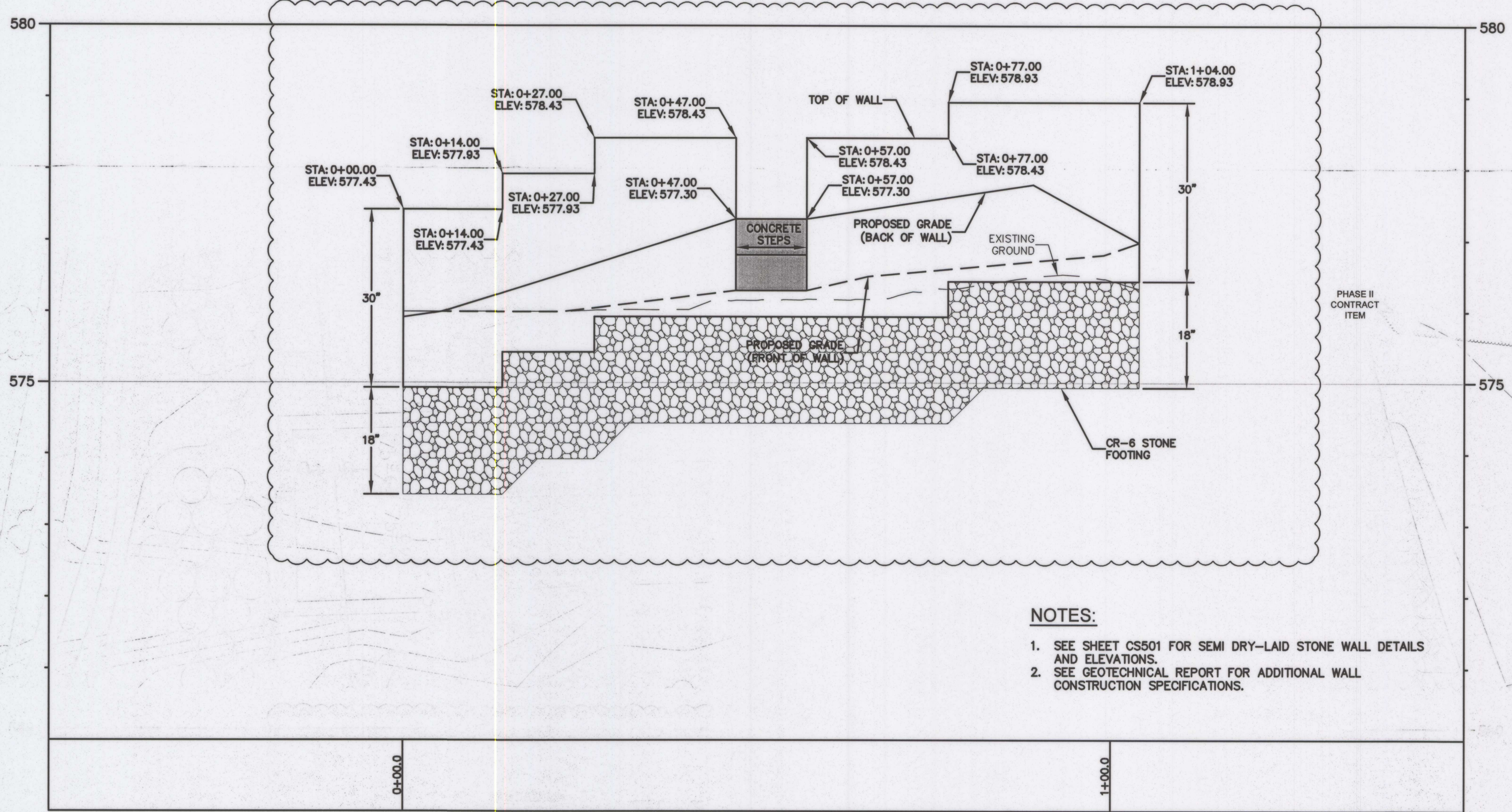
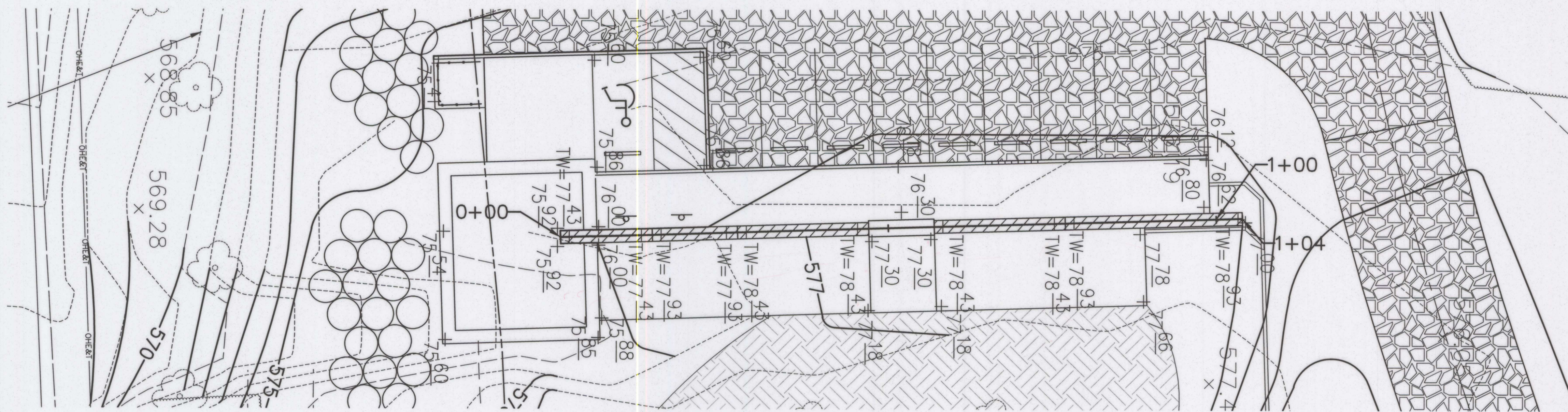
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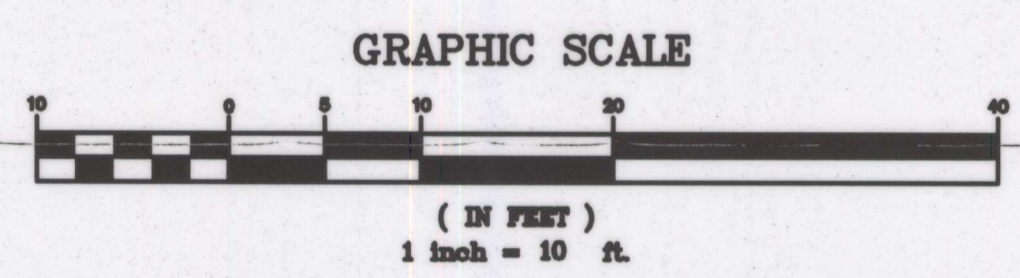
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- NOTES:**
1. SEE SHEET CS501 FOR SEMI DRY-LAID STONE WALL DETAILS AND ELEVATIONS.
 2. SEE GEOTECHNICAL REPORT FOR ADDITIONAL WALL CONSTRUCTION SPECIFICATIONS.

Stone Wall Centerline PROFILE
 SCALE: HORZ 1" = 10'
 VERT. 1" = 1'



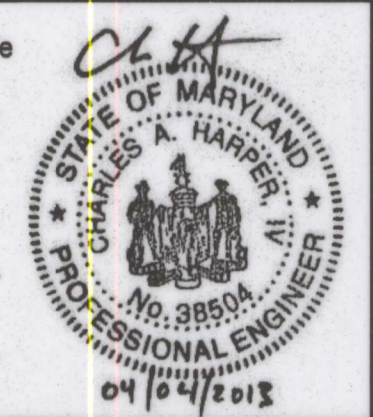
A. MORTON THOMAS AND ASSOCIATES, INC.	
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Site Profiles

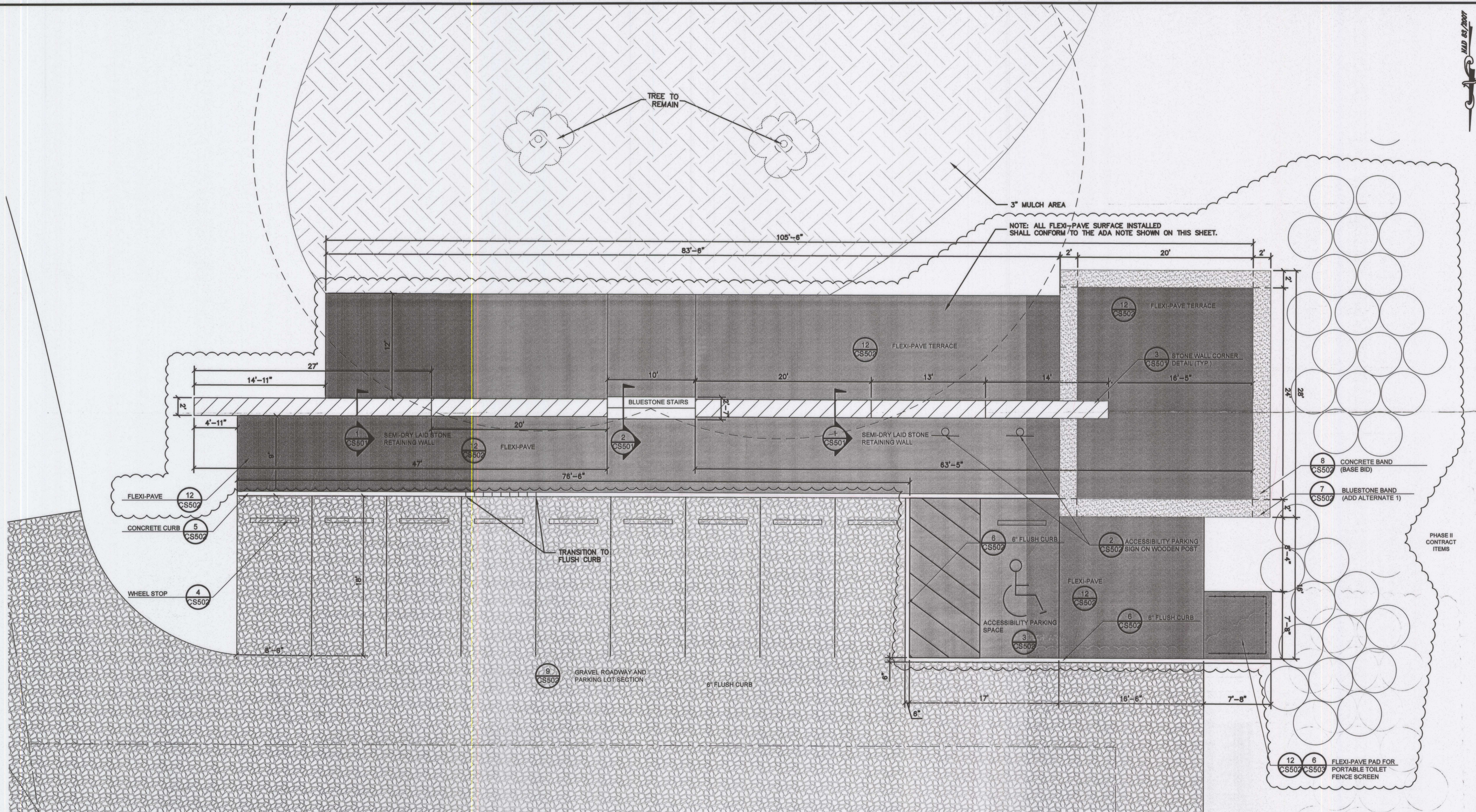
Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871

SCALE: 1" = 10'

WSSC Grid Map #234NW14

CS204

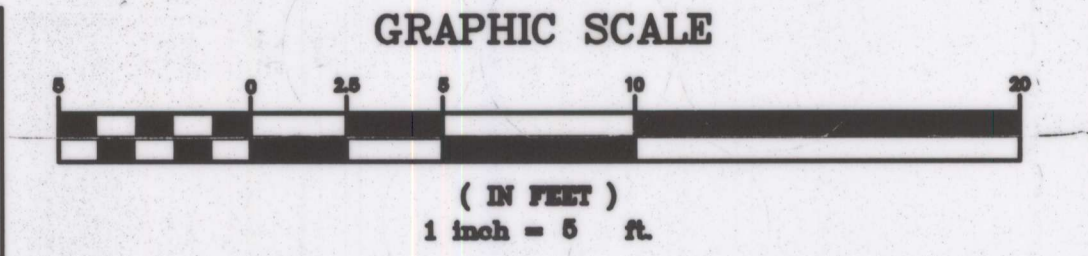
SHEET 16 of 33



1 TERRACE & WALK ENLARGEMENT
NTS

00-01

ADA NOTE:
PRIOR TO ACCEPTANCE BY M-NCPPC, THE CONTRACTOR SHALL PERFORM AN ADA ACCESSIBILITY AUDIT OF THOSE ITEMS INSTALLED, ALTERED OR AFFECTED BY THE WORK PERFORMED AS PART OF THIS PROJECT. THE AUDIT SHALL BE PERFORMED BY AN INDEPENDENT CONSULTANT EXPERIENCED IN AND KNOWLEDGEABLE OF THE CURRENT ADA STANDARDS AS APPLICABLE TO THIS PROJECT. THE CONSULTANT SHALL BE ACCEPTABLE TO M-NCPPC AND SHALL SUBMIT THE AUDIT REPORT ALONG WITH A CERTIFICATION STATING THAT THE INSTALLED, ALTERED OR AFFECTED ELEMENTS COMPLY WITH THE CURRENT ADA STANDARDS AND GUIDELINES. THE PROJECT WILL NOT BE RELEASED UNTIL M-NCPPC REVIEWS AND ACCEPTS THE RESULTS OF THE ACCESSIBILITY AUDIT REPORT.



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City/State/Zip	AMT
301-881-2545	03/26/13
Telephone Number	AMT
	03/26/13

DESIGN		
AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

Professional Certification I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504

Expiration Date 3/17/2014
CHARLES A. HARPER IV



The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

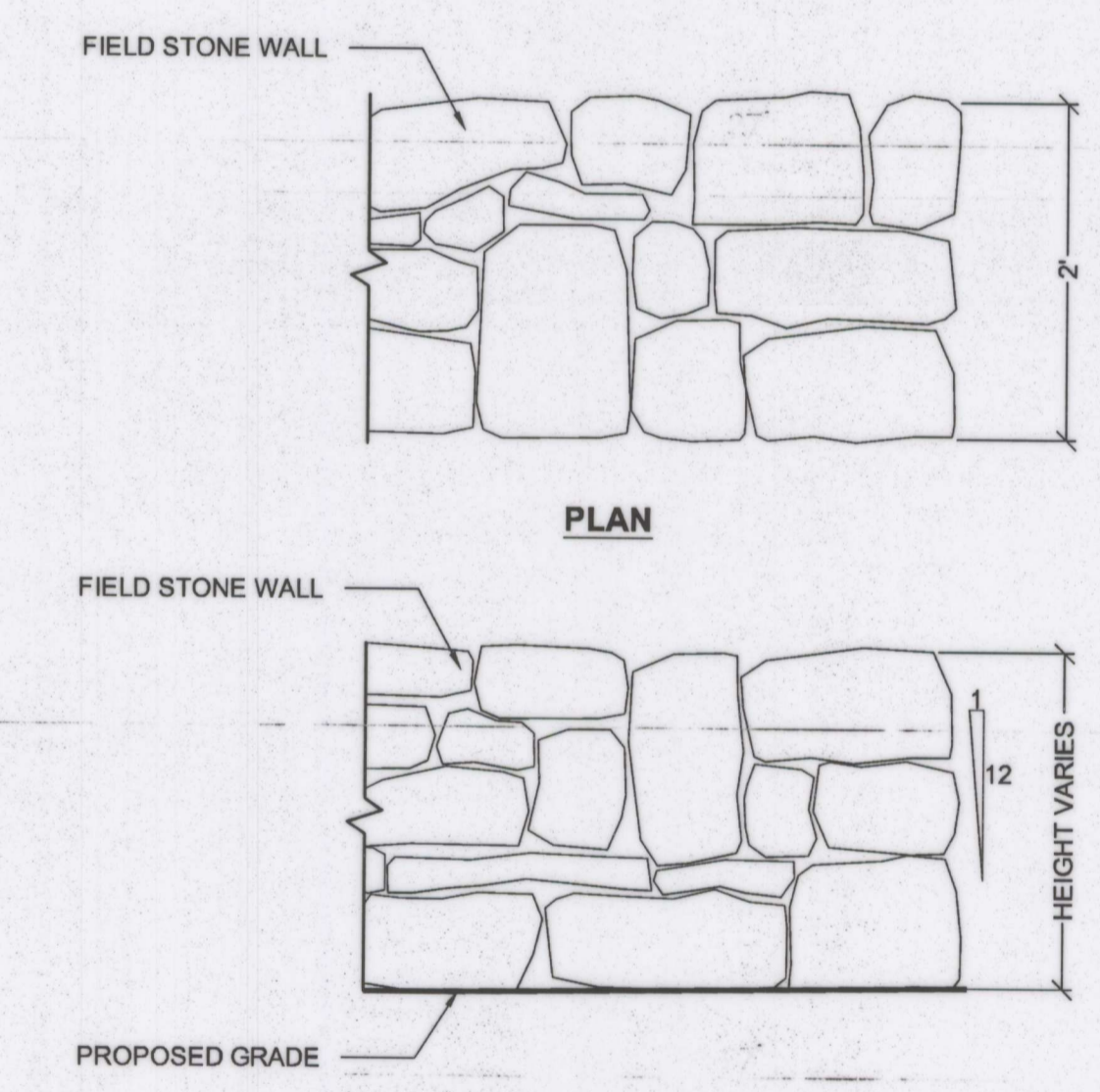
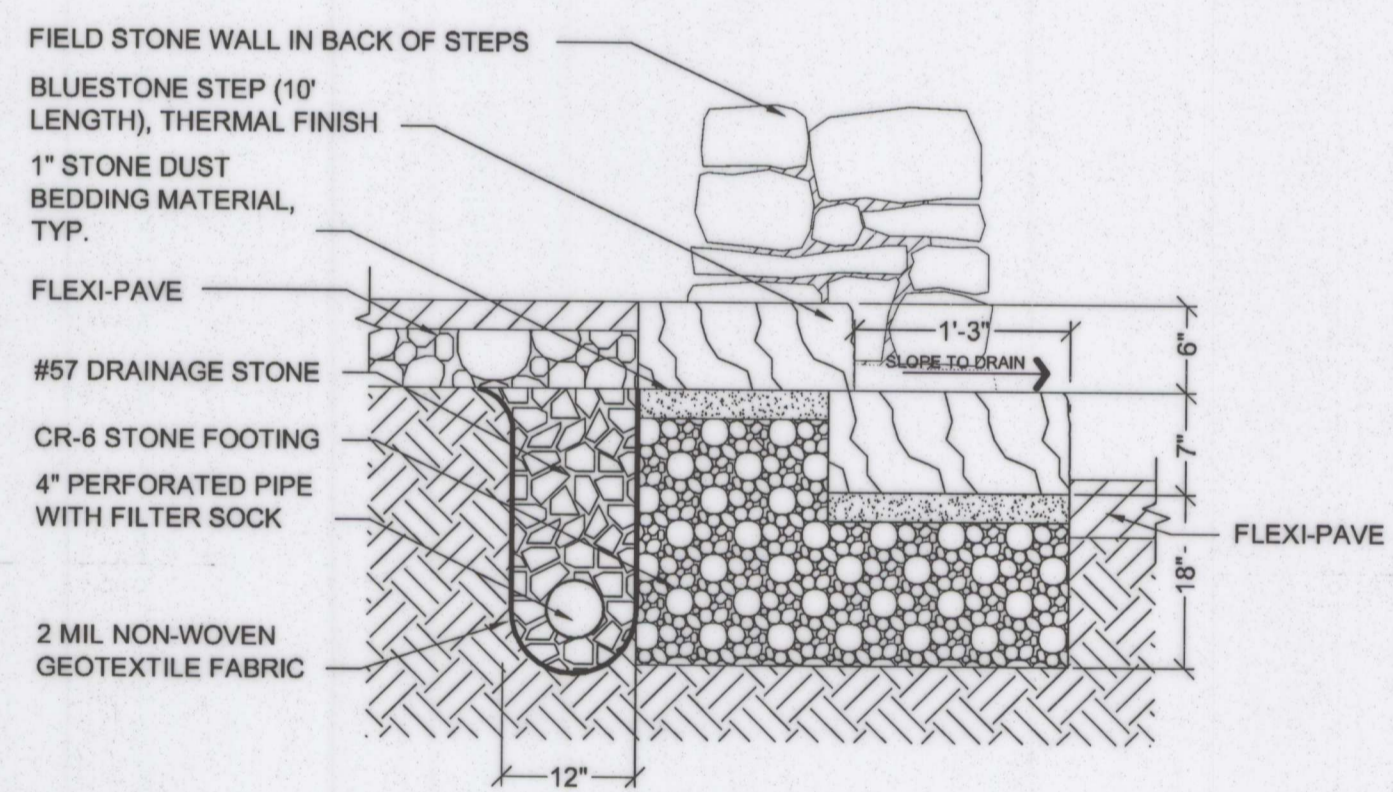
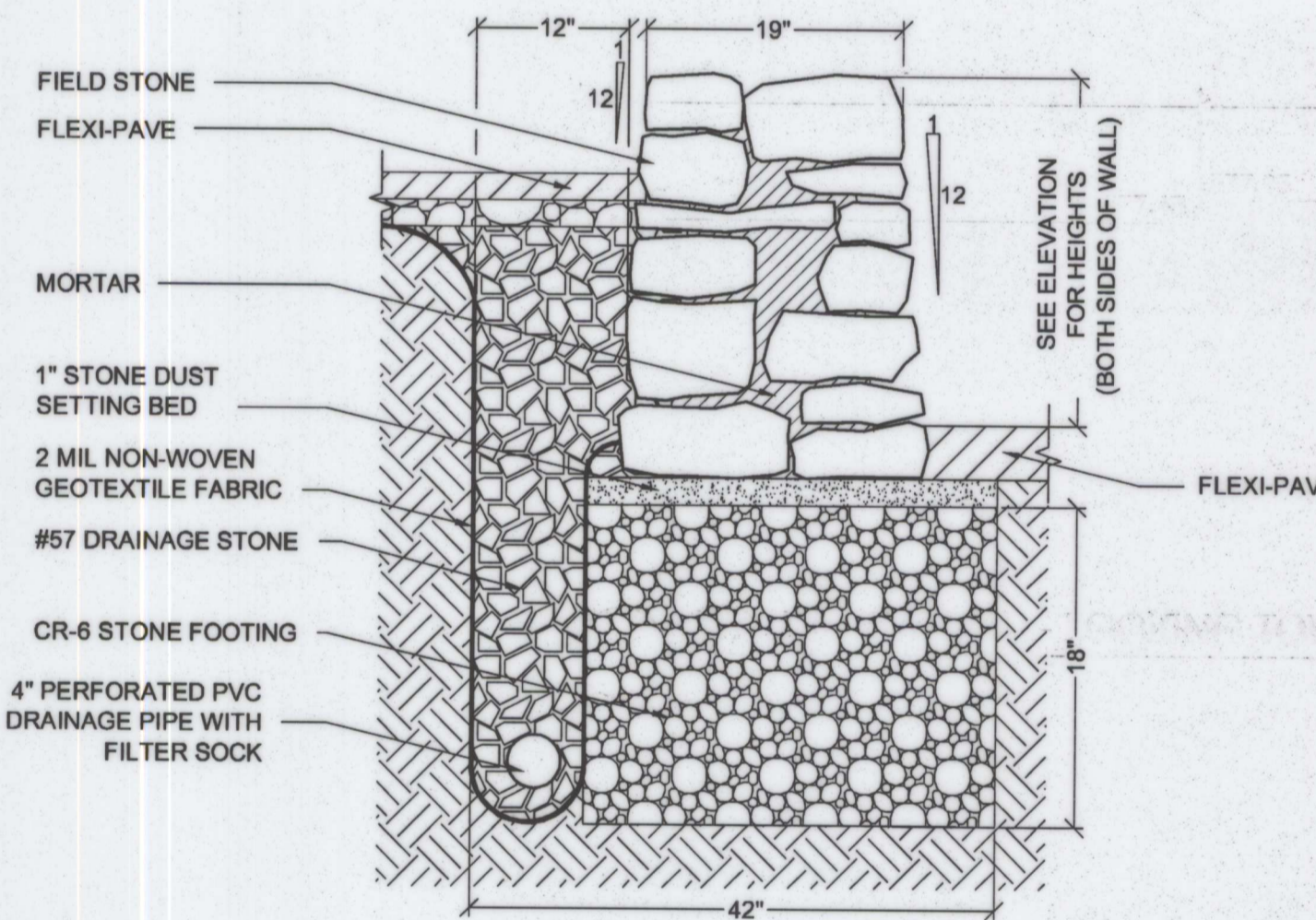
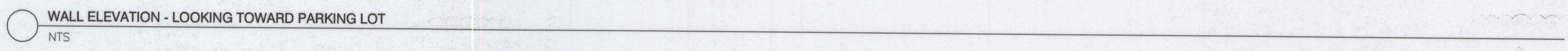
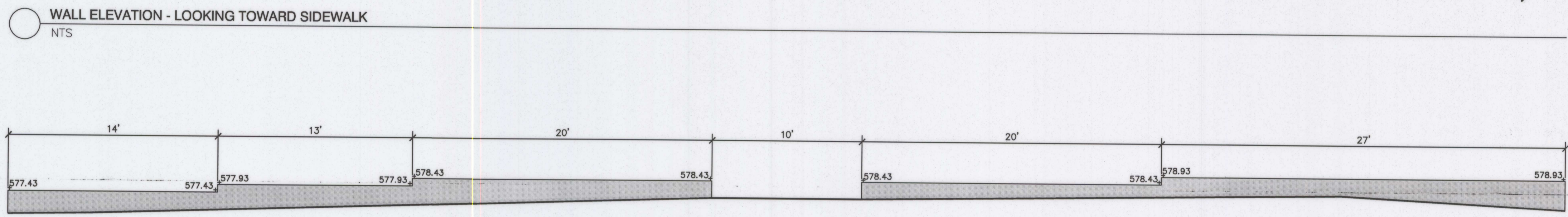
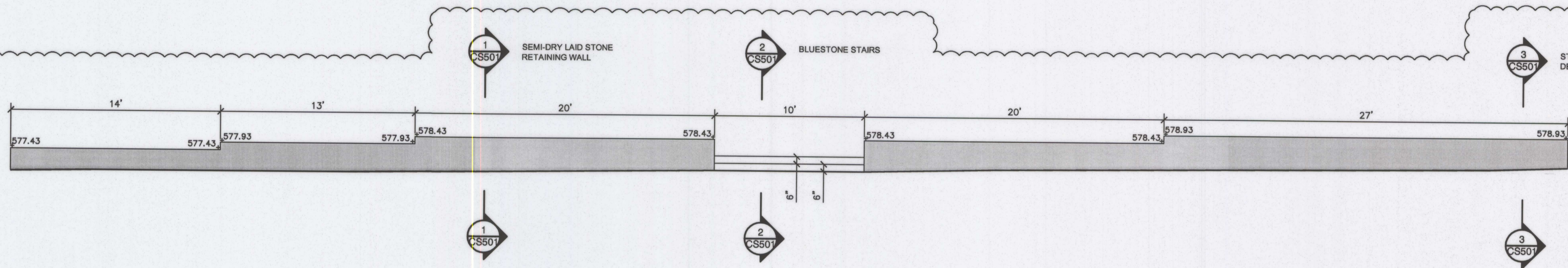
ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Site Layout Enlargement
Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871

SCALE: 1" = 5'

WSSC Grid Map #234NW14

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10
 Plotted By: Harper, Chuck, 5/23/2013 11:35 AM
 X:\Rockville\108-157.028 - M-NCPPC Little Bennett Reg 05-04\CS501-108157028.dwg CS501



NOTE:
 1. 4" MINIMUM DEEP RAKED JOINTS SO NO MORTAR CAN BE SEEN FROM THE OUTSIDE
 2. SEE BUBBLED PORTION OF IMAGE FOR WALL DESIGN INTENT
 3. MOCK-UP OF WALL SHALL BE APPROVED BY M-NCPPC LANDSCAPE ARCHITECT AND PROJECT MANAGER

NOTES:
 1. SEE GEOTECHNICAL REPORT FOR ADDITIONAL WALL CONSTRUCTION SPECIFICATIONS.

- 1 SEMI-DRY LAID STONE RETAINING WALL**
 NTS 320401-04
- 2 BLUESTONE STAIRS**
 NTS 1303-01
- 3 STONE WALL CORNER DETAIL**
 NTS 320401-05

A. MORTON THOMAS AND ASSOCIATES, INC.
 Designer's Name
 12750 TWINBROOK PARKWAY
 Address
 ROCKVILLE, MD 20852
 City/State/Zip
 301-881-2545
 Telephone Number

DESIGN		
AMT	03/26/13	AMT
Landscape Architect	Date	Checked By:
N/A	N/A	N/A
Architect	Date	Checked By:
AMT	03/26/13	AMT
Engineer	Date	Checked By:
AMT	03/26/13	AMT
Drawn by	Date	Checked By:

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 License No. 38504
 Expiration Date 3/17/2014
 CHARLES A. HARPER IV



The Maryland-National Capital Park and Planning Commission
 Montgomery County Department of Parks
 9500 Brunett Avenue
 Silver Spring, Maryland 20901
 (301) 495-2535

REVIEW AND APPROVAL
 7-9-13
 Project Manager
 Date
 Construction Manager
 Date
 Park Manager
 Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Site Details
 Little Bennett Regional Park: Day Use Area - Phase I
 24615, 24625, 24675 N. Frederick Road
 Clarksburg, MD 20871
 SCALE: AS NOTED
 WSSC Grid Map #234NW14



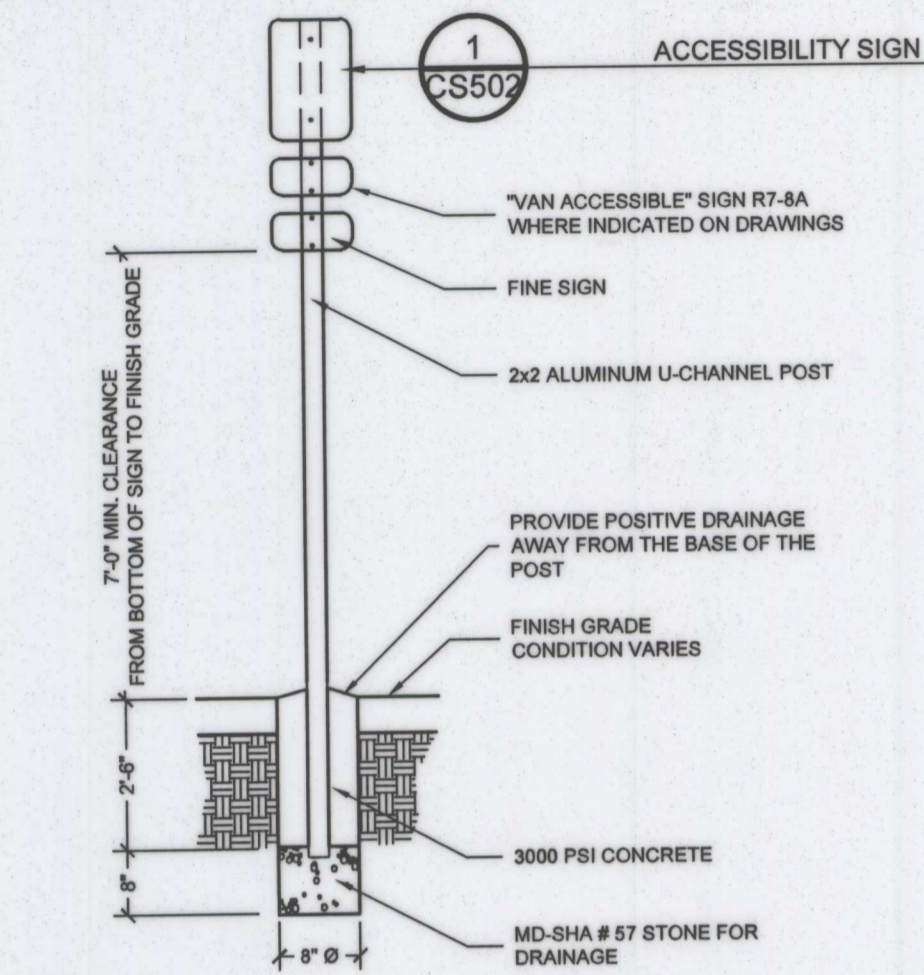
COLORS:

- 1. LEGEND AND BORDER GREEN
- 2. WHITE SYMBOL ON BLUE BACKGROUND
- 3. BACKGROUND WHITE

NOTE:

EACH ACCESSIBLE PARKING SPACE SHALL BE IDENTIFIED BY AN APPROVED SIGN WITH THE BOTTOM EDGE AT LEAST 7 FEET ABOVE THE GROUND, UNLESS THE SIGN IS PLACED FLUSH AGAINST A BUILDING, STRUCTURE, OR OTHER LOCATION THAT DOES NOT OBSTRUCT VEHICLE OR PEDESTRIAN TRAFFIC, IN WHICH CASE THE SIGN SHALL BE AT LEAST 8 FEET AND NO MORE THAN 10 FEET ABOVE THE GROUND. SIGNS SHALL BEAR THE INTERNATIONAL SYMBOL OF ACCESS AND THE WORDS "RESERVED PARKING" AND SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) - LATEST EDITION AND FHWA-RD-99-135 - LATEST EDITION.

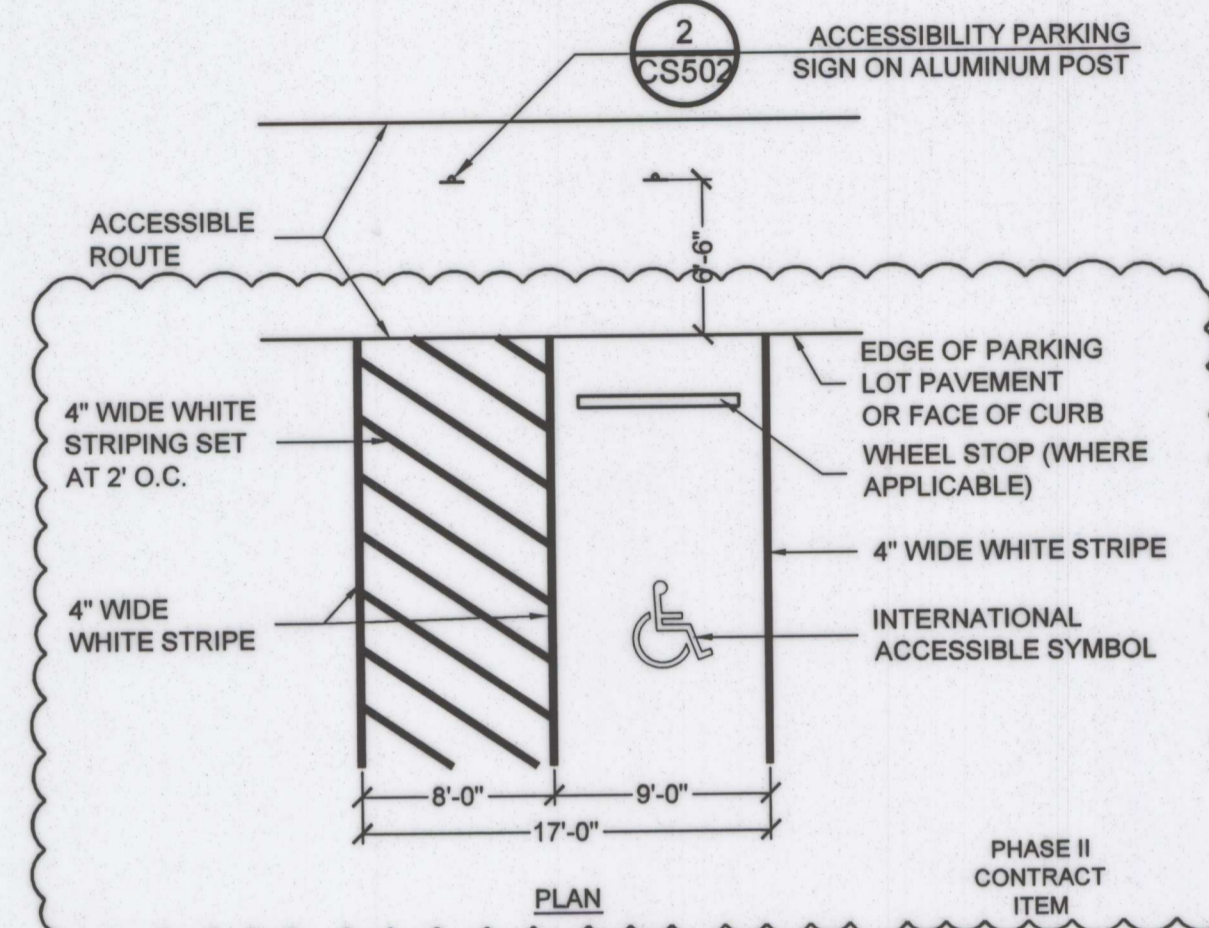
1 ACCESSIBILITY SIGN
NTS 320101-05



NOTES:

- 1. SEE PLANS FOR SIGN LOCATIONS.
- 2. ALL WORK SHALL BE IN COMPLIANCE WITH THE MOST CURRENT ADA REGULATIONS AND STANDARDS.
- 3. SIGN POST FOUNDATION LOCATION SHALL NOT CONFLICT WITH SUBSURFACE UTILITIES.
- 4. INSTALL ALL SIGNS WITH GALV. CARRIAGE BOLTS, WASHERS TAMPER RESISTANT NUTS

2 ACCESSIBILITY PARKING SIGN ON ALUMINUM POST
NTS 320101-13

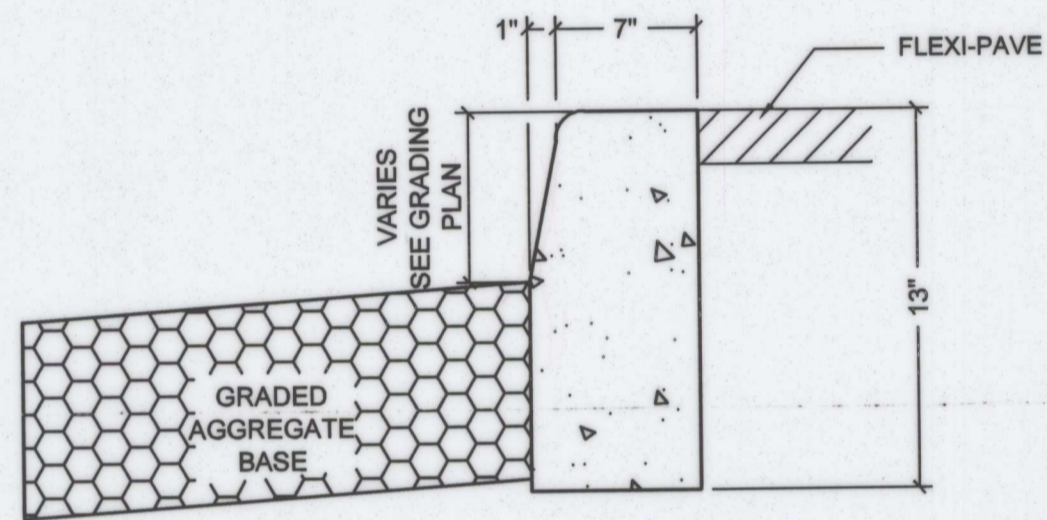
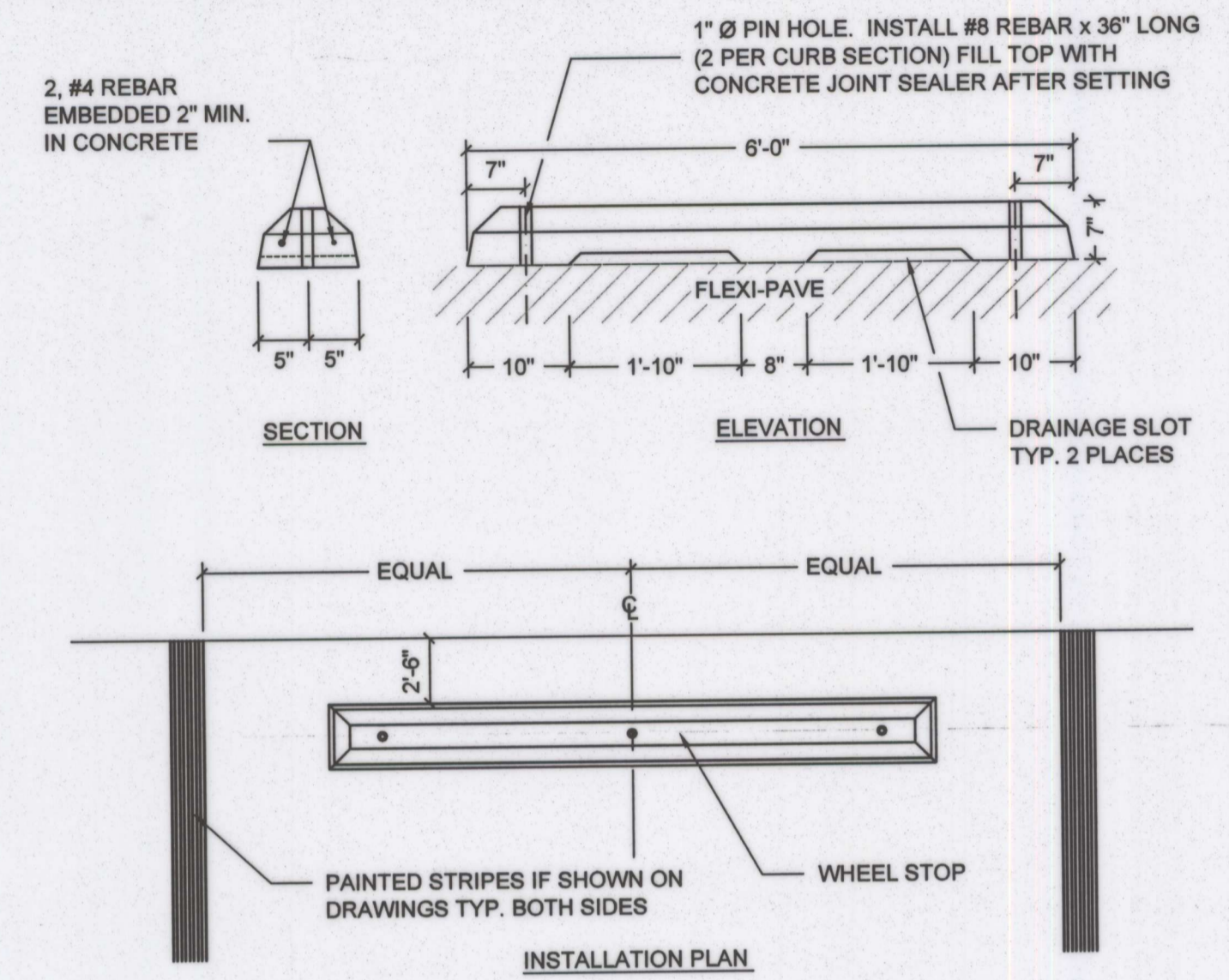


NOTES:

- 1. PARKING SPACES AND ACCESS AISLES SHALL HAVE SLOPES AT 1.5% OR LESS IN ALL DIRECTIONS.
- 2. ALL WORK SHALL BE IN COMPLIANCE WITH THE MOST CURRENT ADA REGULATIONS AND STANDARDS

3 ACCESSIBILITY PARKING SPACE
NTS 320101-14

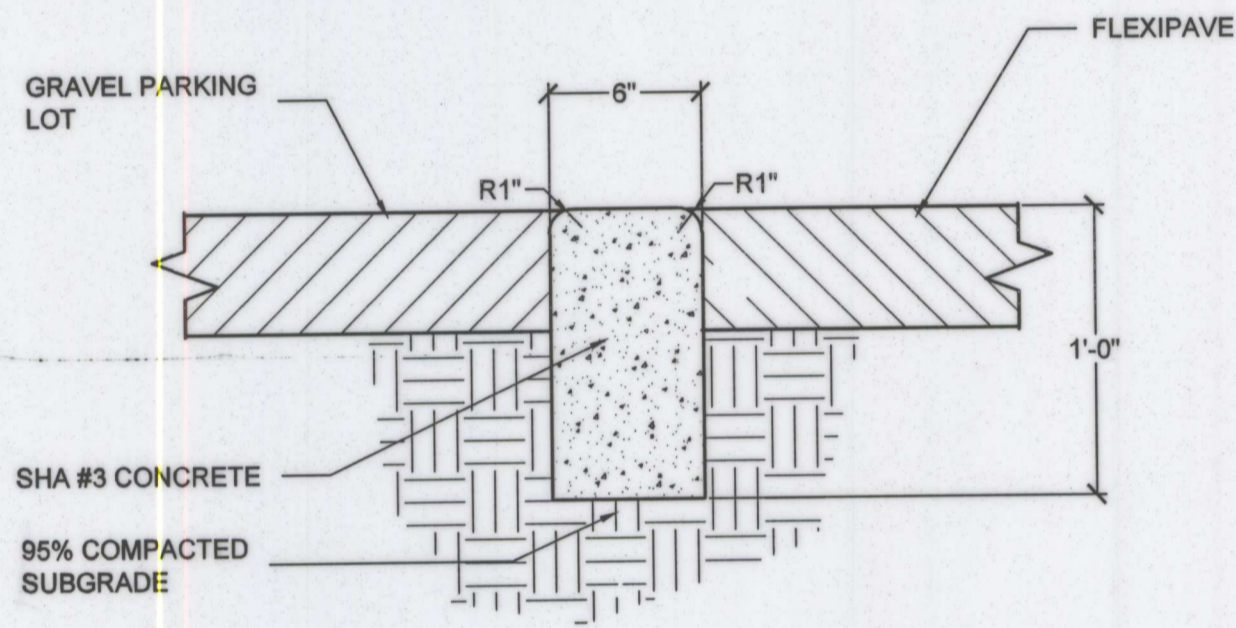
4 WHEEL STOP
NTS 34-02



GENERAL NOTES:

- 1. TRANSITION TO FLUSH CURB SHALL BE PROVIDED WHERE INDICATED ON PLANS.
- 2. THE STANDARD DISTANCE BETWEEN EXP. JOINTS SHALL BE 10'. [MAXIMUM AND MINIMUM DISTANCES SHALL BE 14' AND 7' RESPECTIVELY.]
- 3. USE 1/2" PRE FORMED EXPANSION JOINT FILLER NON-EXTRUDING.

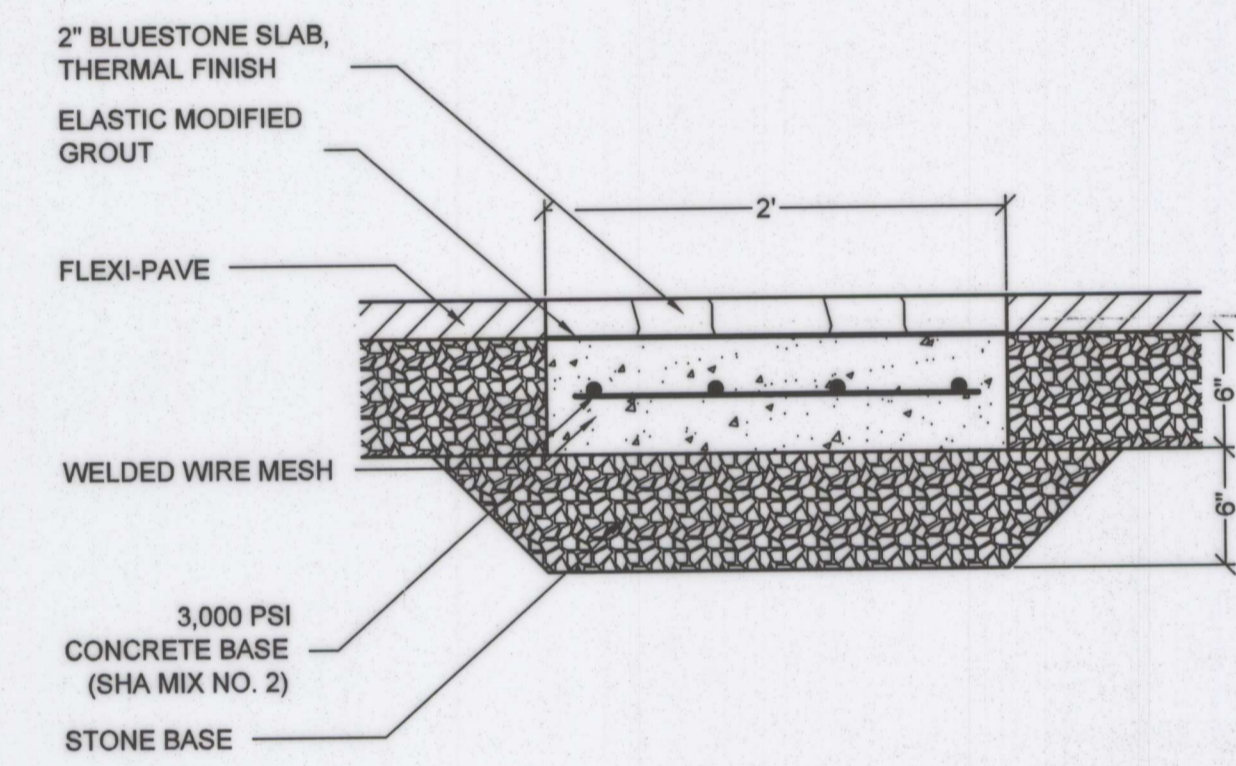
5 CONCRETE CURB
NTS 321613-06



NOTES:

- 1. CONSTRUCT EXPANSION JOINTS AT 10' INTERVALS (STD.) AT BEGINNING AND ENDS OF ALL CURVE P.O.'S AT STRUCTURES AND AT MIDPOINT OF ALL CURB RETURNS, MAX. & MIN. DISTANCES SHALL BE 13' & 6' RESPECTIVELY. USE 1/2" PRE-FORMED EXPANSION JOINT FILLER, NON EXTRUDING.

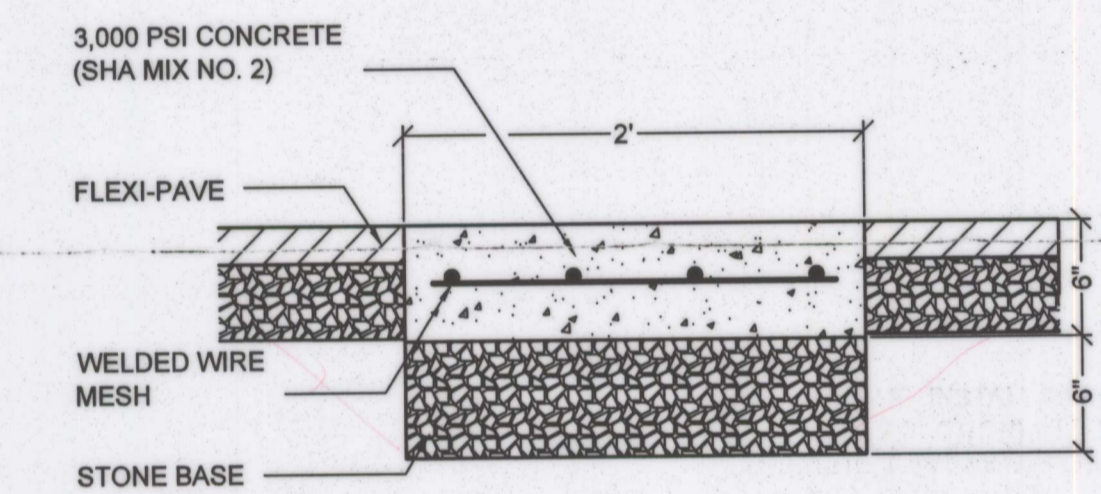
6 6" FLUSH CURB
1 1/2" = 1'-0" 0330-16



NOTE:

PLACE BLUESTONE SLAB BEFORE POURING FLEXI-PAVE

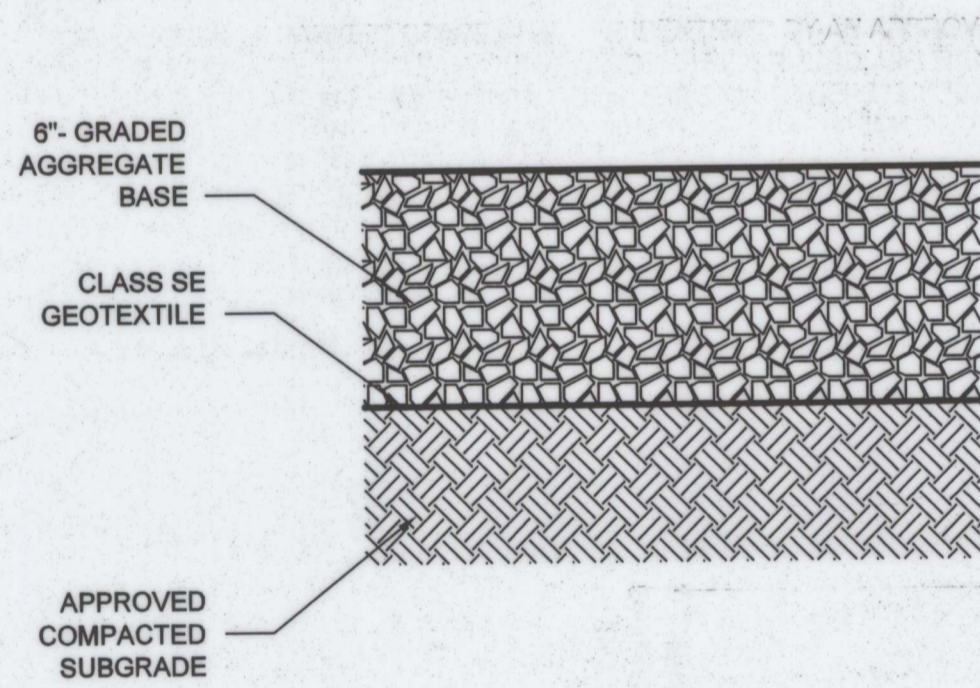
7 BLUESTONE BAND
NTS 3210-09



NOTE:

POUR CONCRETE BEFORE FLEXI-PAVE

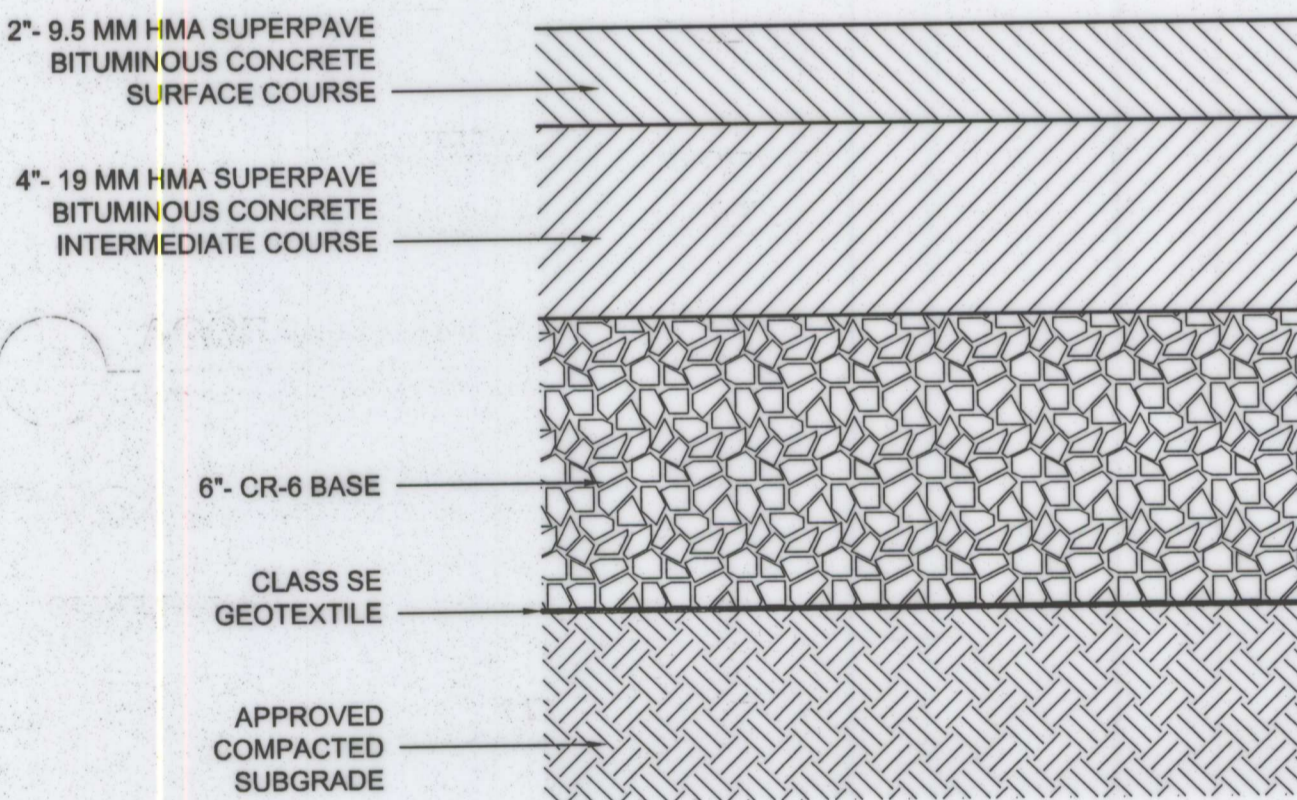
8 CONCRETE BAND
NTS 3210-02



NOTE:

- 1. GRADED AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 501 OF THE MARYLAND STATE HIGHWAY ADMINISTRATION AND ADDENDA THERETO.

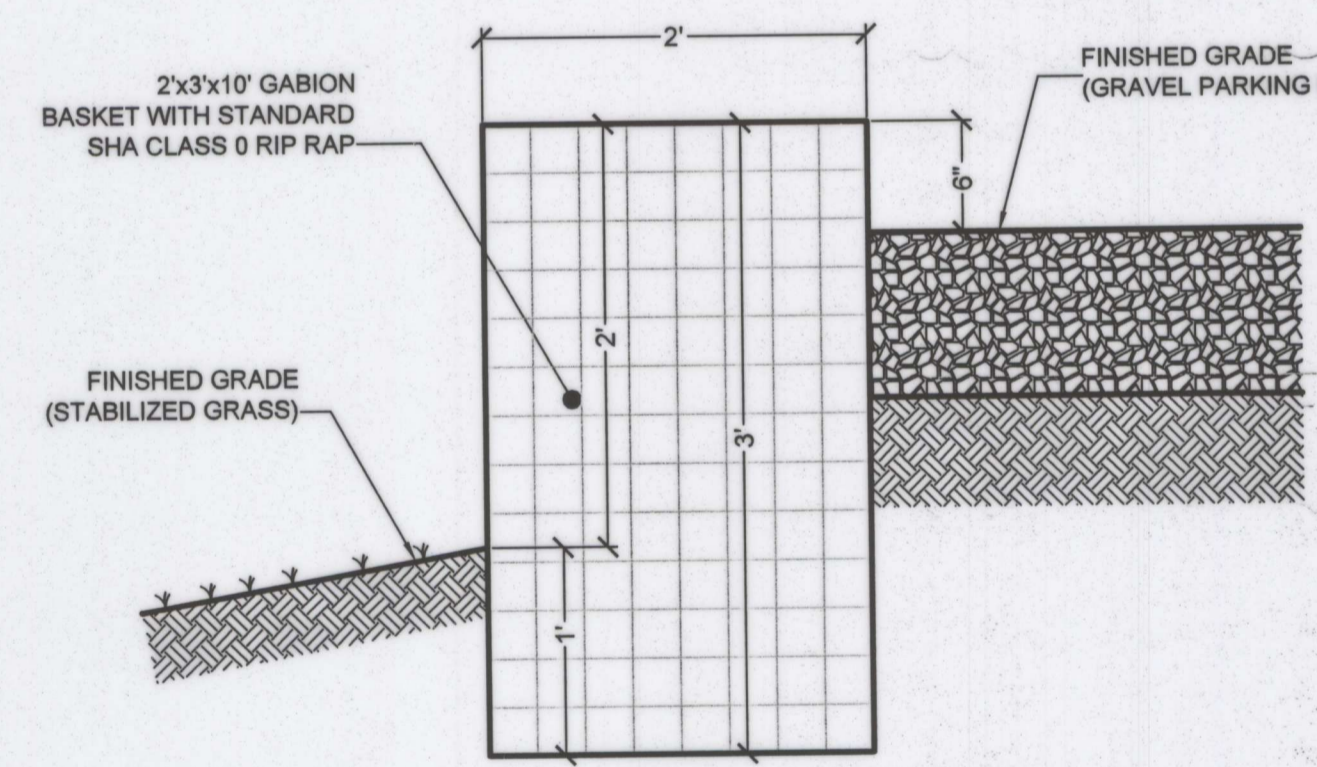
9 GRAVEL ROADWAY AND PARKING LOT SECTION
NTS 3210-05



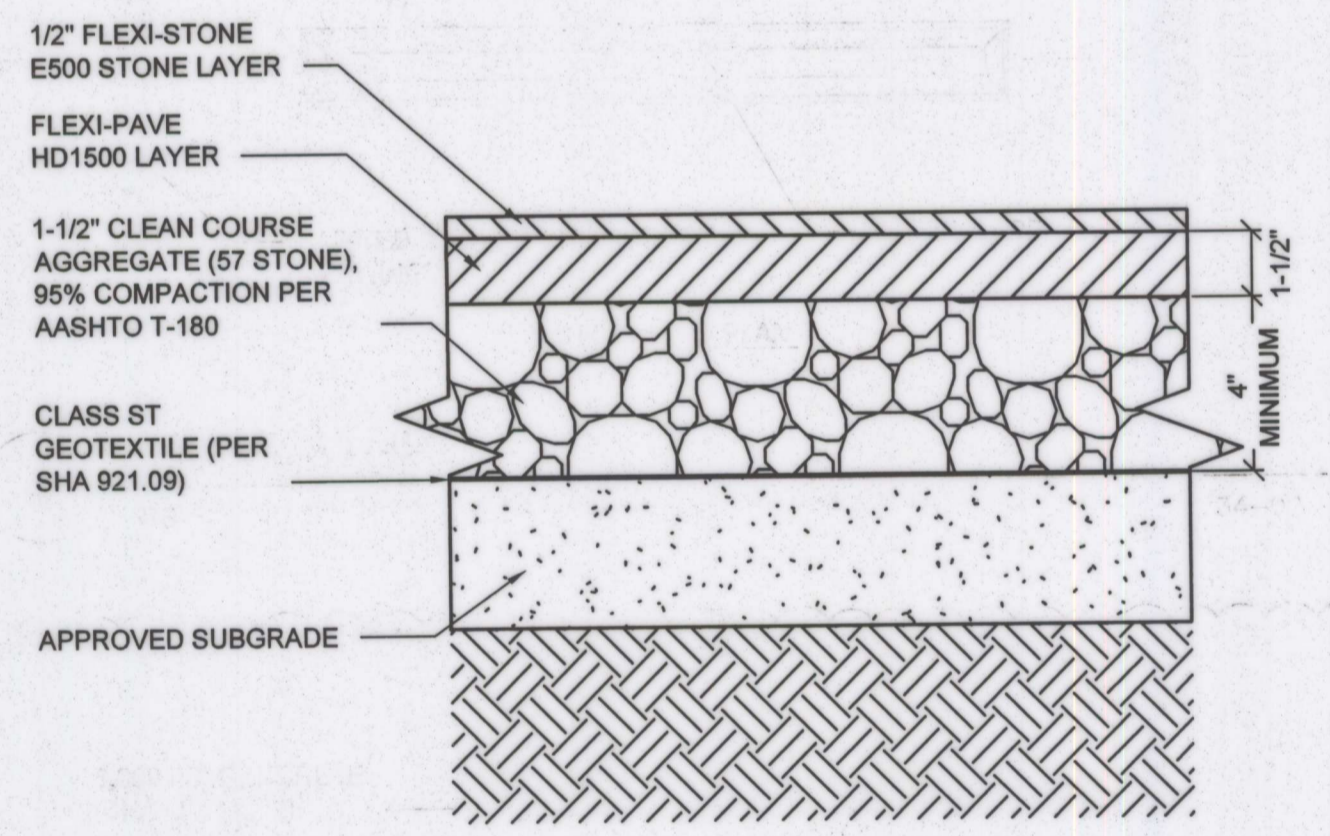
NOTES:

- 1. BITUMINOUS CONCRETE AND GRADED AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF SECTION 501, 504, AND 904 OF THE MARYLAND STATE HIGHWAY ADMINISTRATION AND ANY ADDENDA THERETO.
- 2. RECYCLED CONCRETE MEETING SHA CR-6 GRADATION IS AN ACCEPTABLE SUBSTITUTE FOR CR-6 OUTSIDE OF SHA RIGHT-OF-WAY.

10 ASPHALT PAVEMENT SECTION
3" = 1'-0" 321216-06



11 GABION WALL SECTION
NTS 323035-01



NOTES:

- 1. INSTALL PER MANUFACTURER'S SPECIFICATIONS
- 2. PROVIDE GEO-GRID IN PARKING AREAS, PER MANUFACTURER'S SPECIFICATIONS
- 3. PROVIDE 4" PERFORATED UNDERDRAINS; SEE PLAN FOR LOCATIONS
- 4. PROVIDE BEVELED EDGING, PER MANUFACTURER'S SPECIFICATIONS WHEN FLEXI-PAVE ABUTS GRASS AREAS
- 5. M-NCPPC CONSTRUCTION MANAGER SHALL SELECT FLEXI-PAVE COLOR

12 FLEXI-PAVE
NTS 3210-08

FINAL SCANNED:

PLAN SCANNED: C10

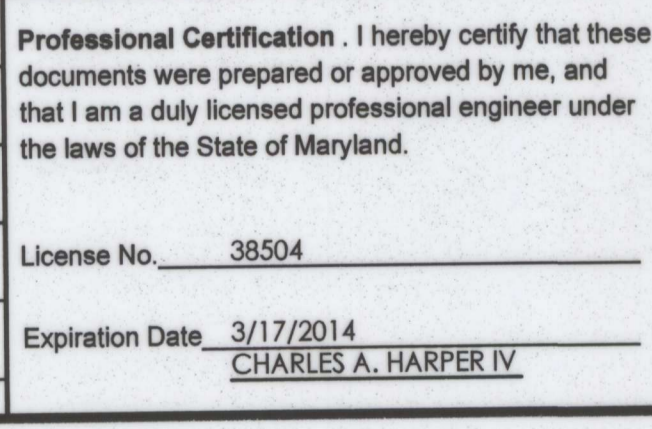
PARK CODE: C10

Plotted By: Torgerson, Steven, 6/7/2013 4:12 PM

CS502

A. MORTON THOMAS AND ASSOCIATES, INC.		
Designer's Name	AMT	03/26/13
12750 TWINBROOK PARKWAY	Landscape Architect	Date
Address	N/A	N/A
ROCKVILLE, MD 20852	Architect	Checked By:
City/State/Zip	AMT	03/26/13
301-881-2545	Engineer	Date
Telephone Number	AMT	03/26/13
	Drawn by	Checked By:

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 38504
Expiration Date 3/17/2014
CHARLES A. HARPER IV



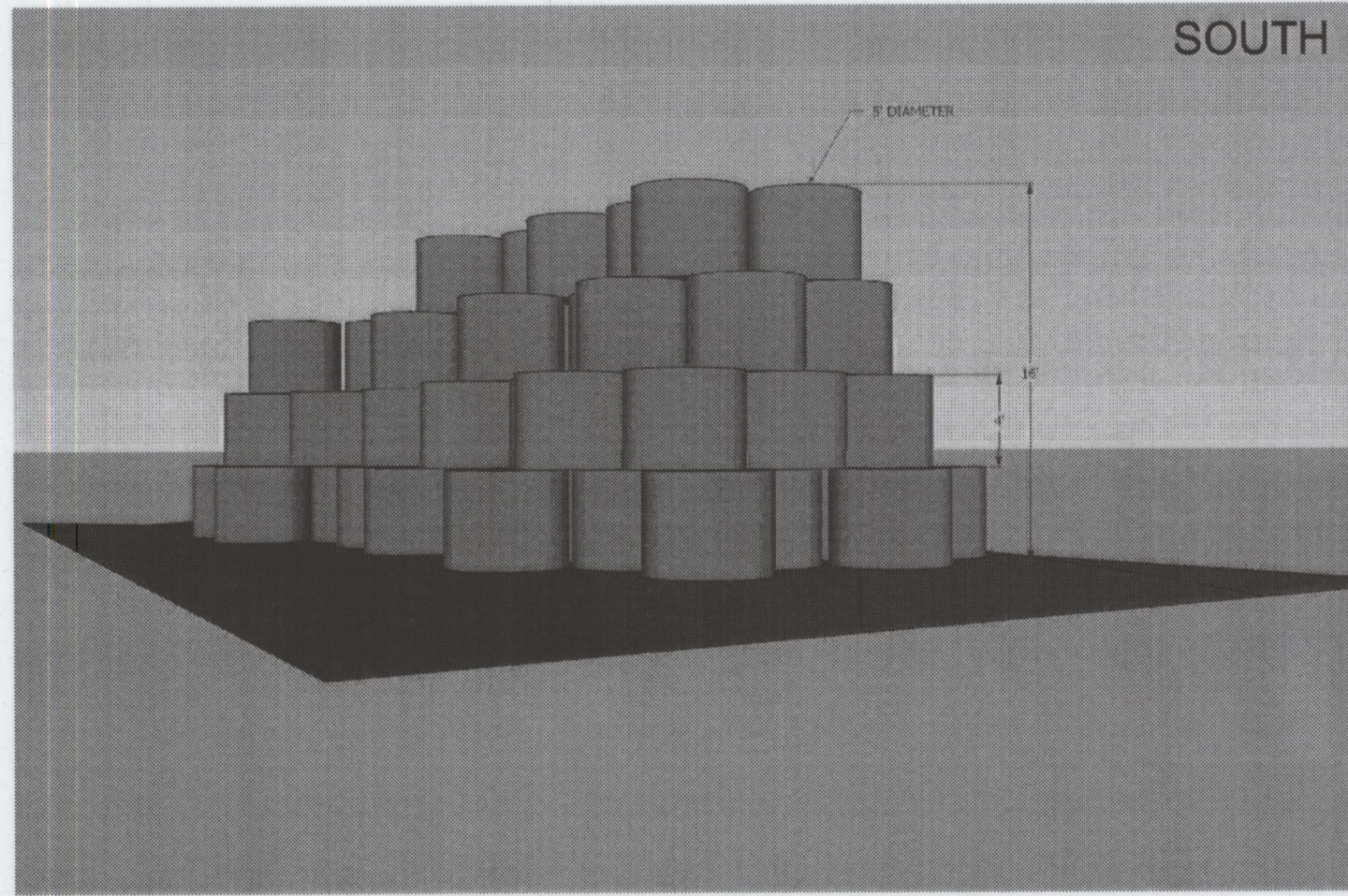
The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	7-9-13
Construction Manager	
Park Manager	

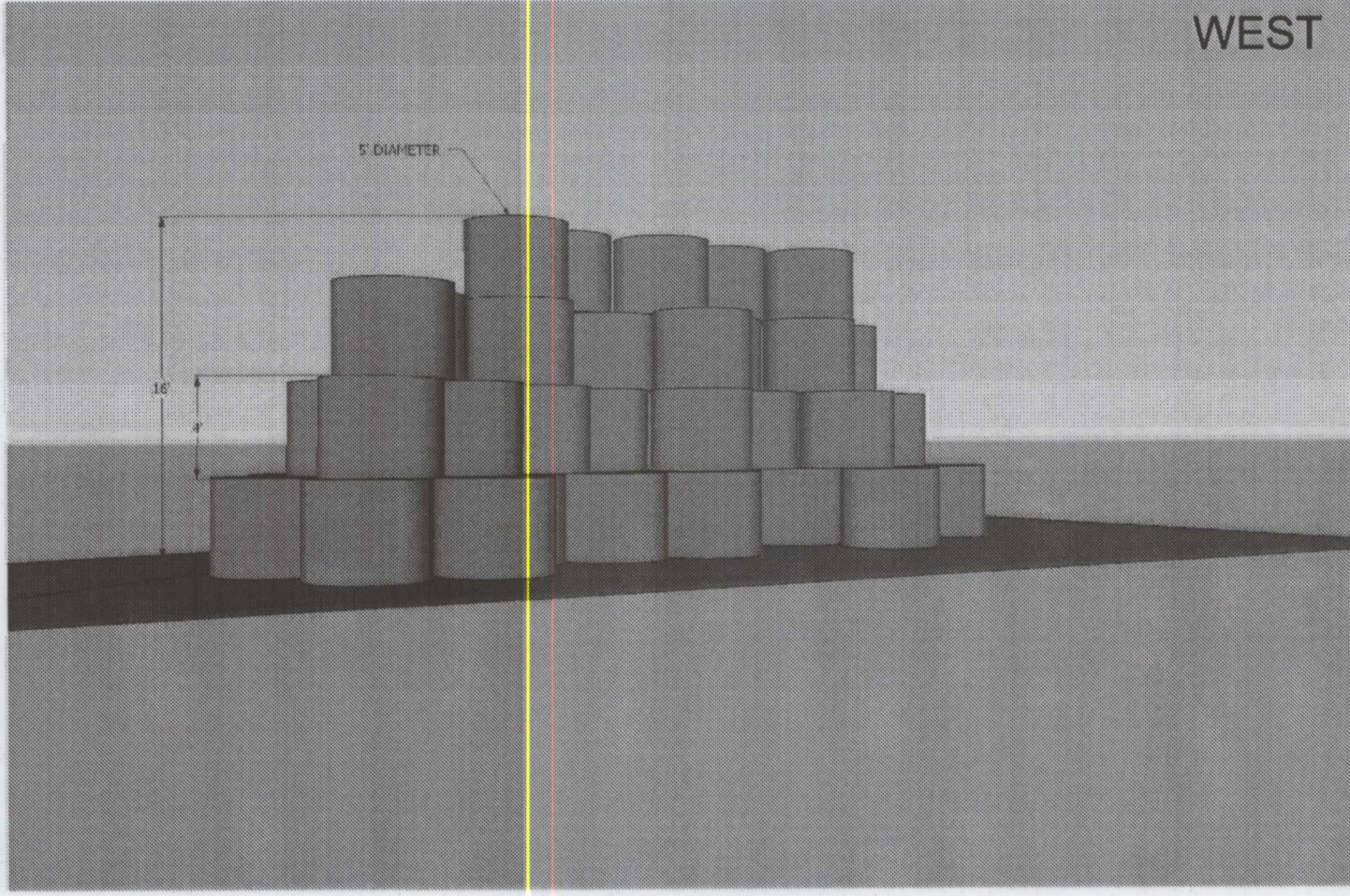
ISSUED FOR PROCUREMENT ON		
Rev. No.	Date	Description

Site Details
Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871
WSSC Grid Map #234NW14
SCALE: AS NOTED

CS502
SHEET 19 of 33

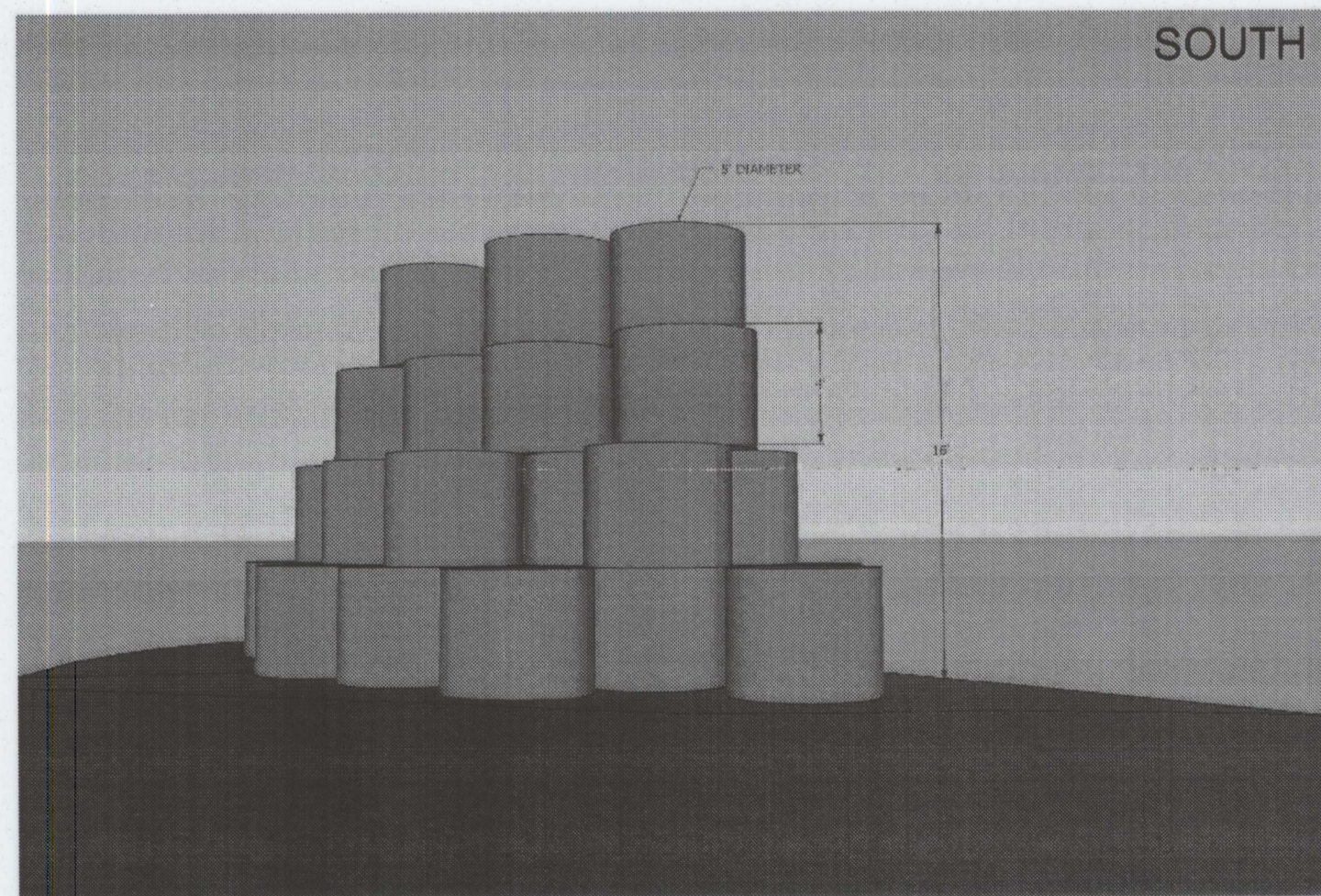


SOUTH

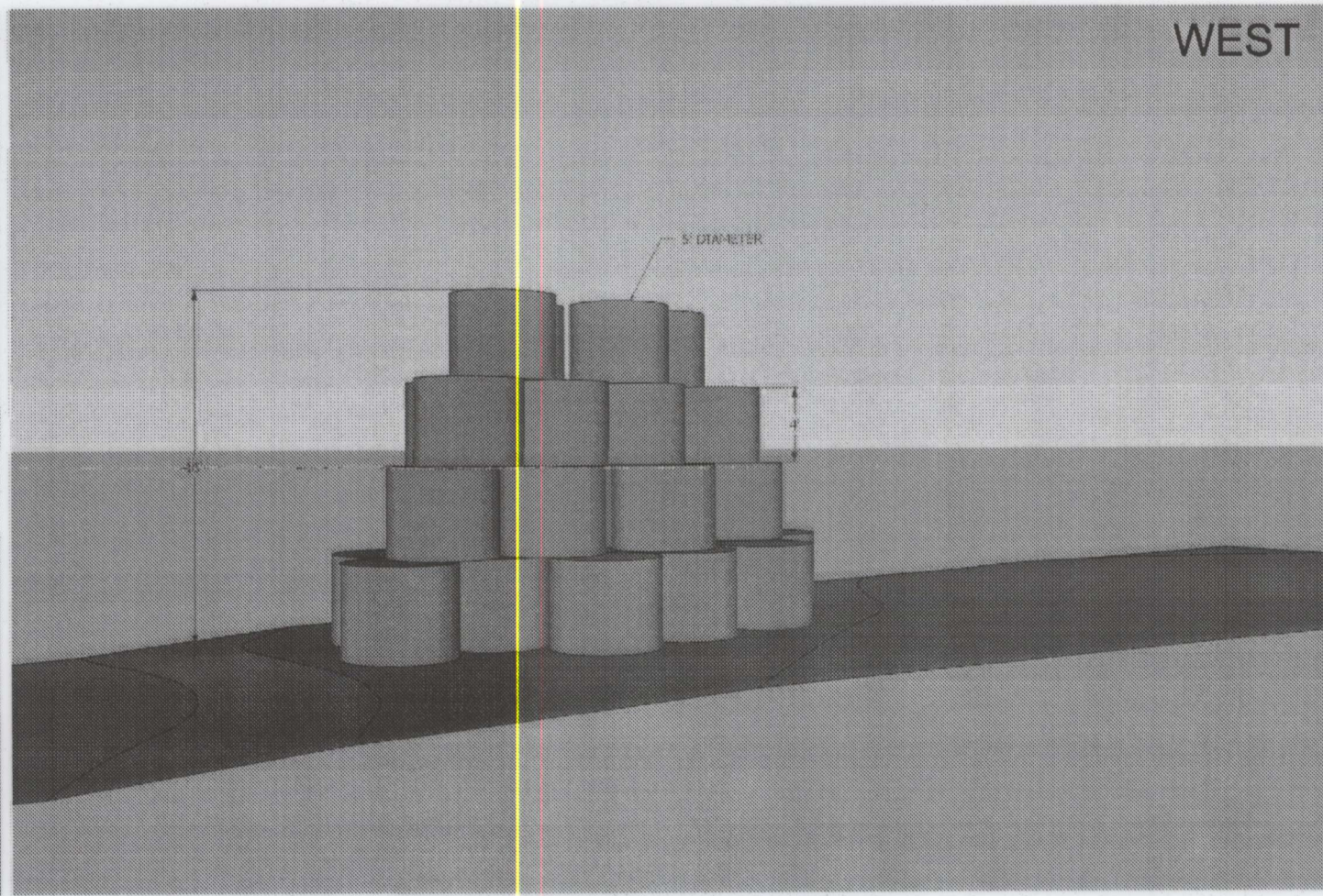


WEST

1 HAY BALE SCULPTURE
NTS

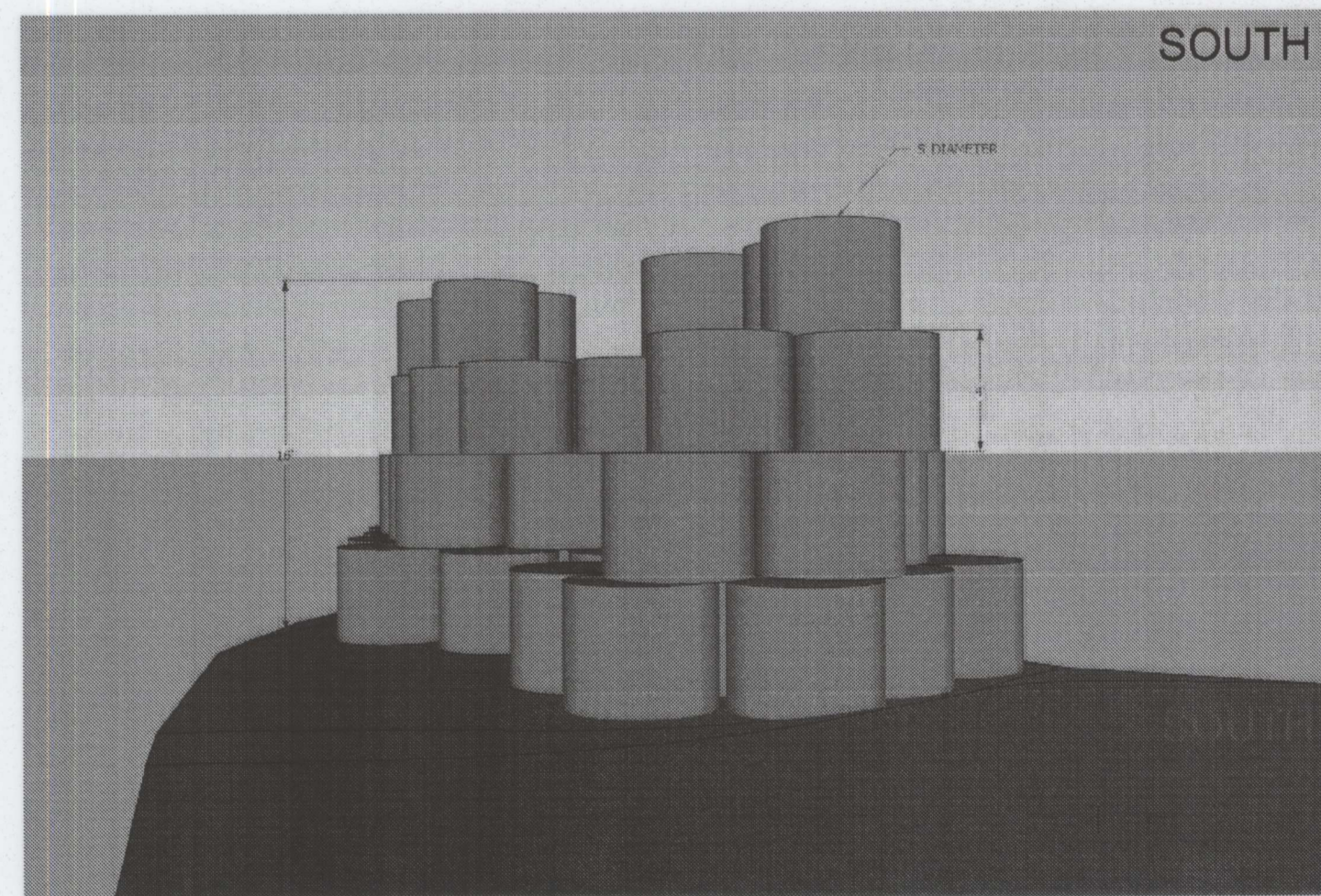


SOUTH

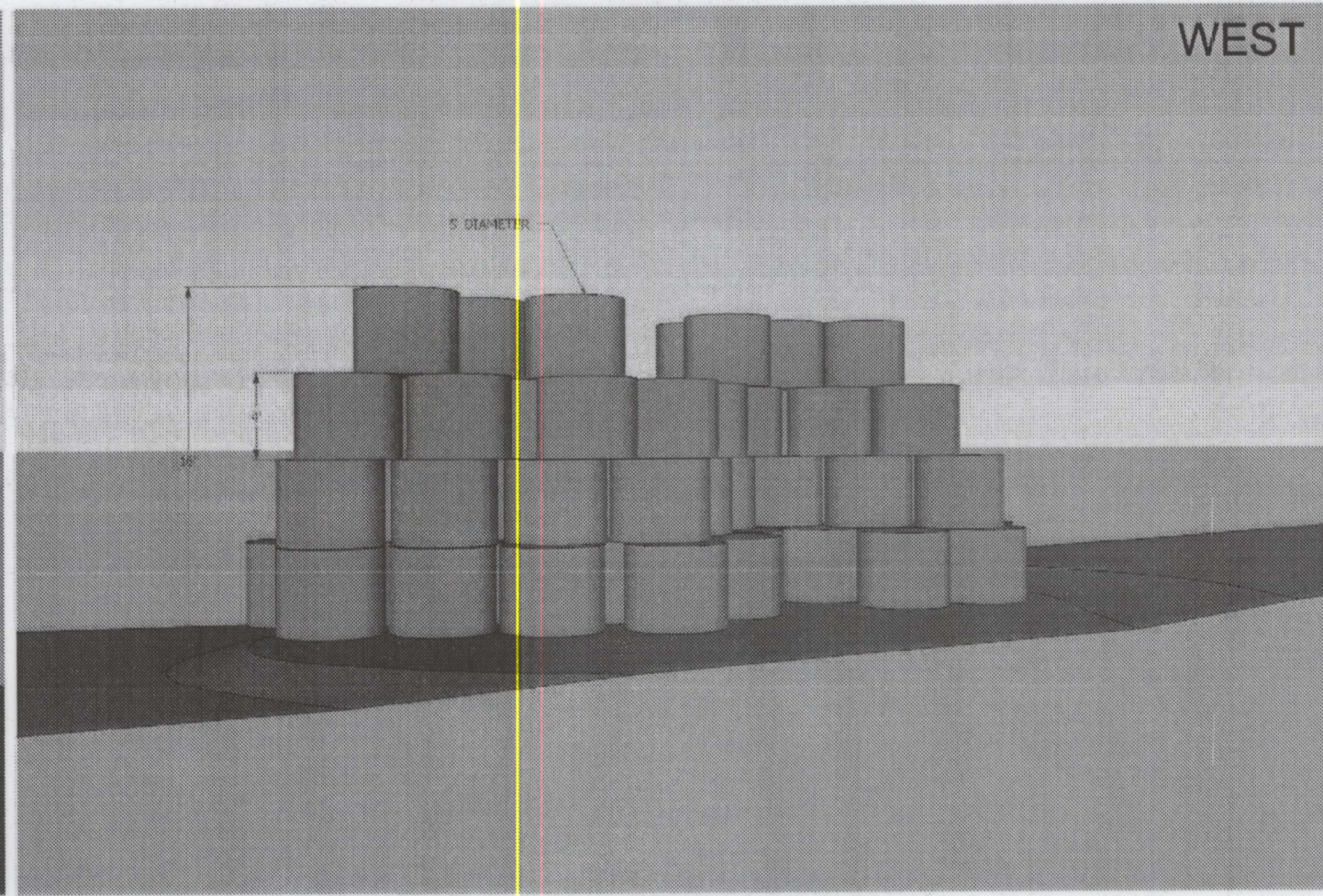


WEST

2 HAY BALE SCULPTURE
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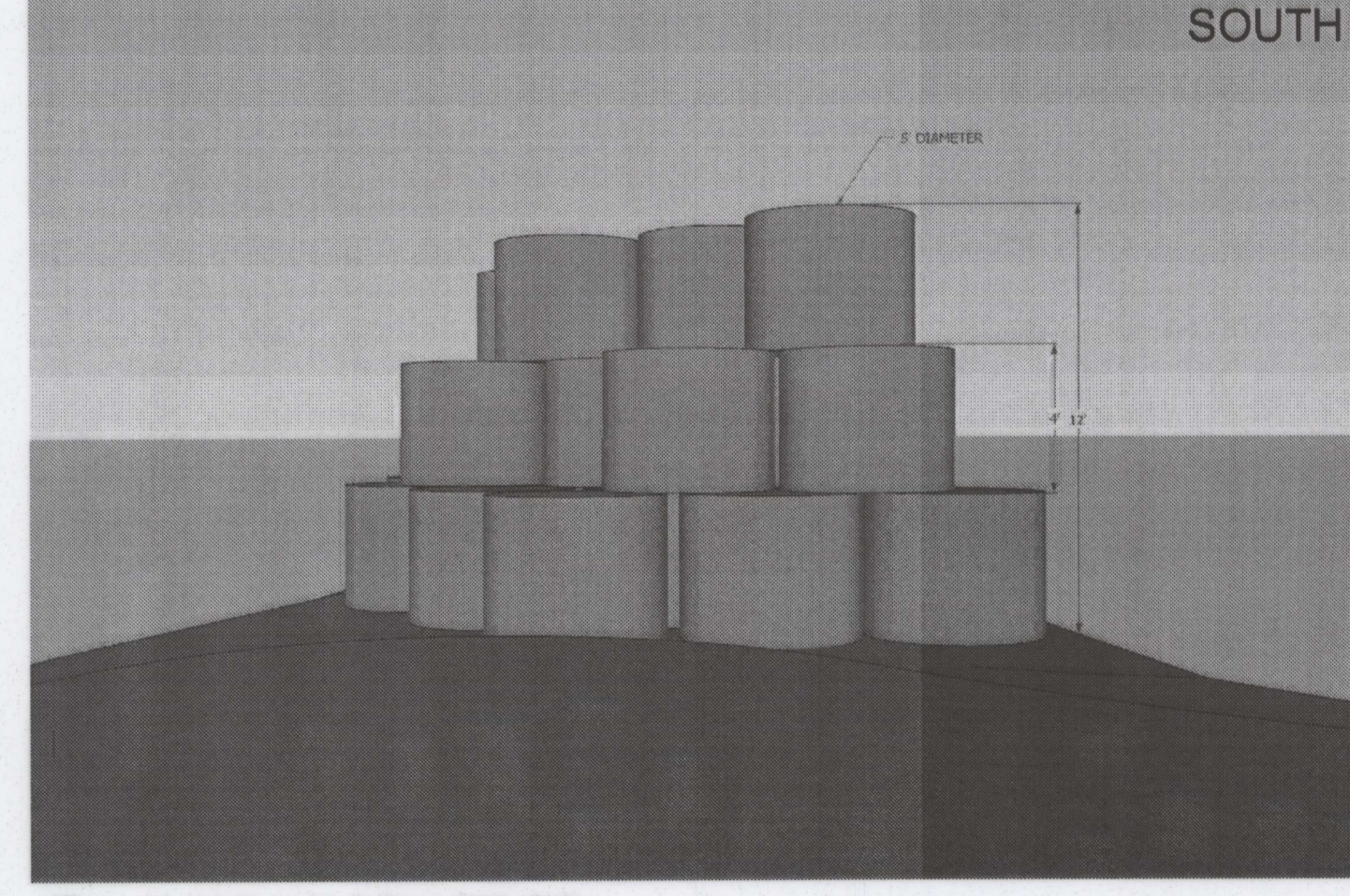


SOUTH

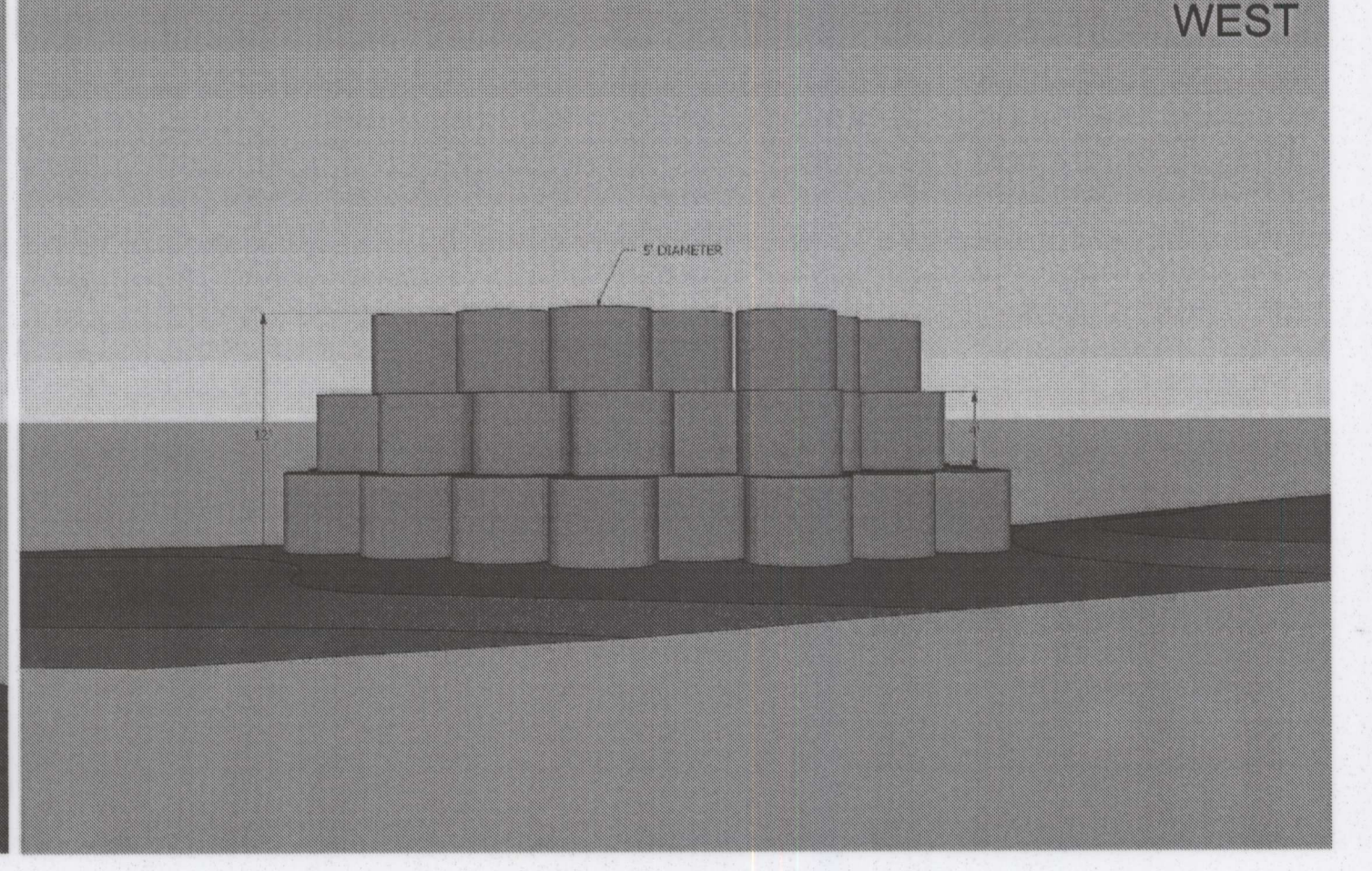


WEST

3 HAY BALE SCULPTURE
NTS

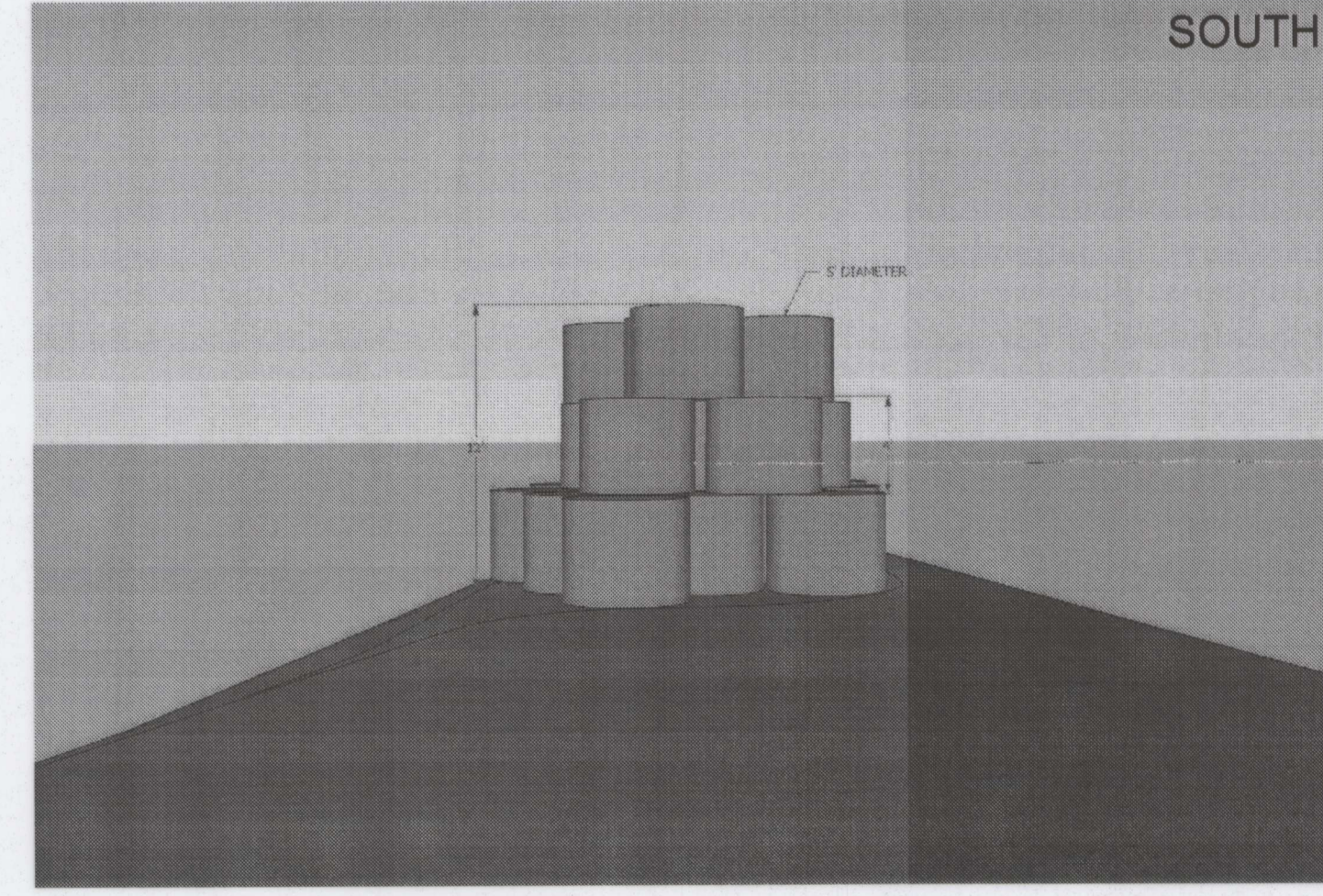


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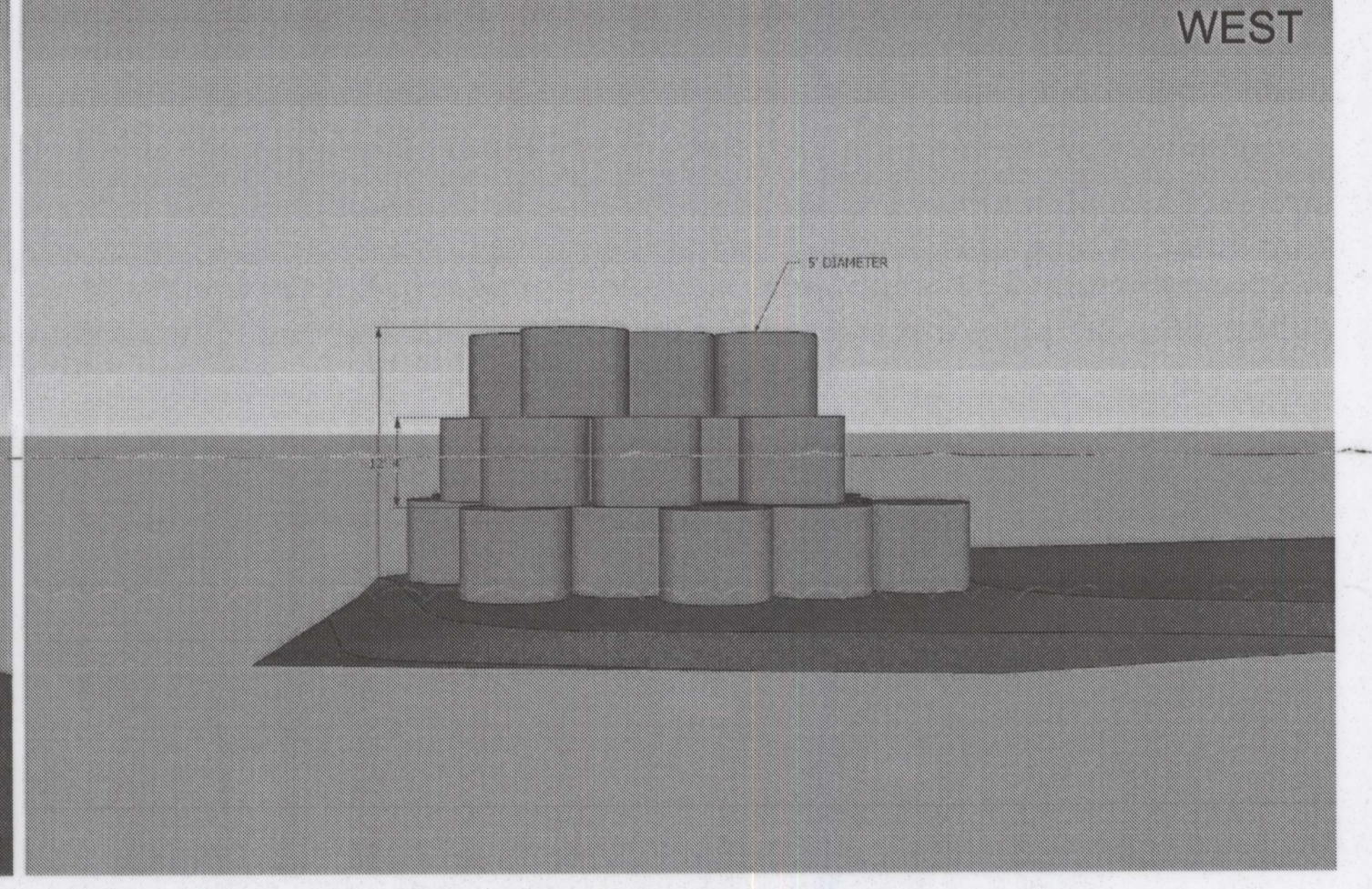


WEST

4 HAY BALE SCULPTURE
NTS



SOUTH

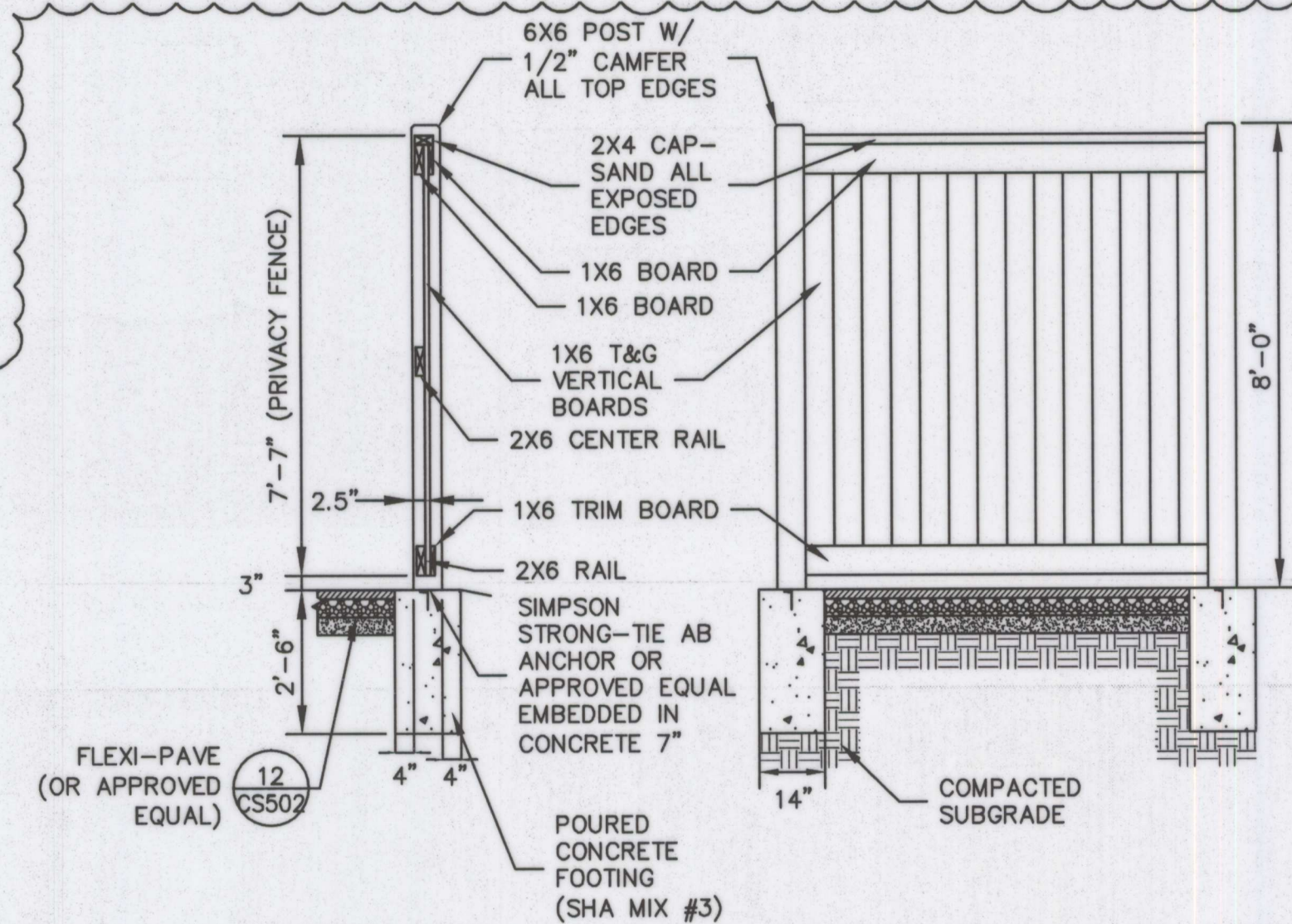


WEST

5 HAY BALE SCULPTURE
NTS

NOTES:

- 1. HAY BALES TO BE PLACED UNDER THE DIRECTION AND SUPERVISION OF THE M-NCPPC CONSTRUCTION MANAGER.



PHASE II
CONTRACT
ITEM

- NOTE:
1. PROVIDE 2"x6" REMOVABLE RAIL TO PREVENT TIPPING. HEIGHT TO ALLOW FOR OPENING OF THE PORTA POTTY DOOR.
 2. FASTENERS TO BE COORDINATED WITH CONSTRUCTION MANAGER.
 3. PRESSURE TREATED WOOD (#2 PINE) FOR 6"x6" POSTS. ALL OTHER WOOD TO BE CLEAR CEDAR BOARDS SIZE. REFERENCE PLAN FOR LAYOUT DIMENSIONS.
 4. GRADE TO MAINTAIN POSITIVE DRAINAGE ACROSS SLAB (1.0%).
 5. ALLOW CLEAR SPACE ON WALK SIDE FOR ACCESS TO PORTABLE TOILET. FENCE TO BE PROVIDED ON 3 SIDES ONLY.

6 PORTABLE TOILET FENCE SCREEN
NTS

A. MORTON THOMAS AND ASSOCIATES, INC.		
Designer's Name	AMT	03/26/13
12750 TWINBROOK PARKWAY	Landscape Architect	Date
Address	N/A	N/A
ROCKVILLE, MD 20852	Architect	Date
City/State/Zip	AMT	03/26/13
301-881-2545	Engineer	Date
Telephone Number	AMT	03/26/13
	Drawn by	Date

Professional Certification. I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504

Expiration Date 3/17/2014

CHARLES A. HARPER IV

The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks

9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	7-9-13
Date	
Construction Manager	
Date	
Park Manager	
Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Site Details

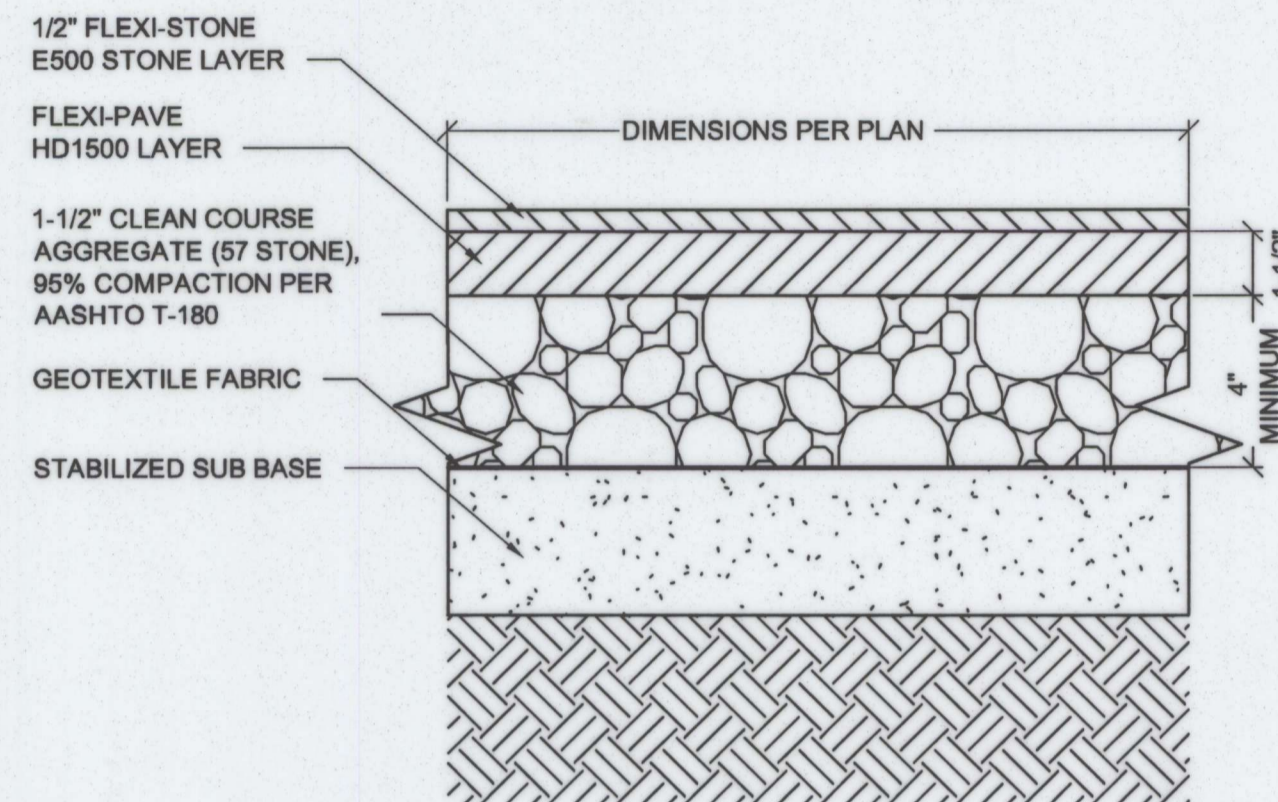
Little Bennett Regional Park: Day Use Area - Phase I

24615, 24625, 24675 N. Frederick Road

Clarksburg, MD 20871

SCALE: AS NOTED

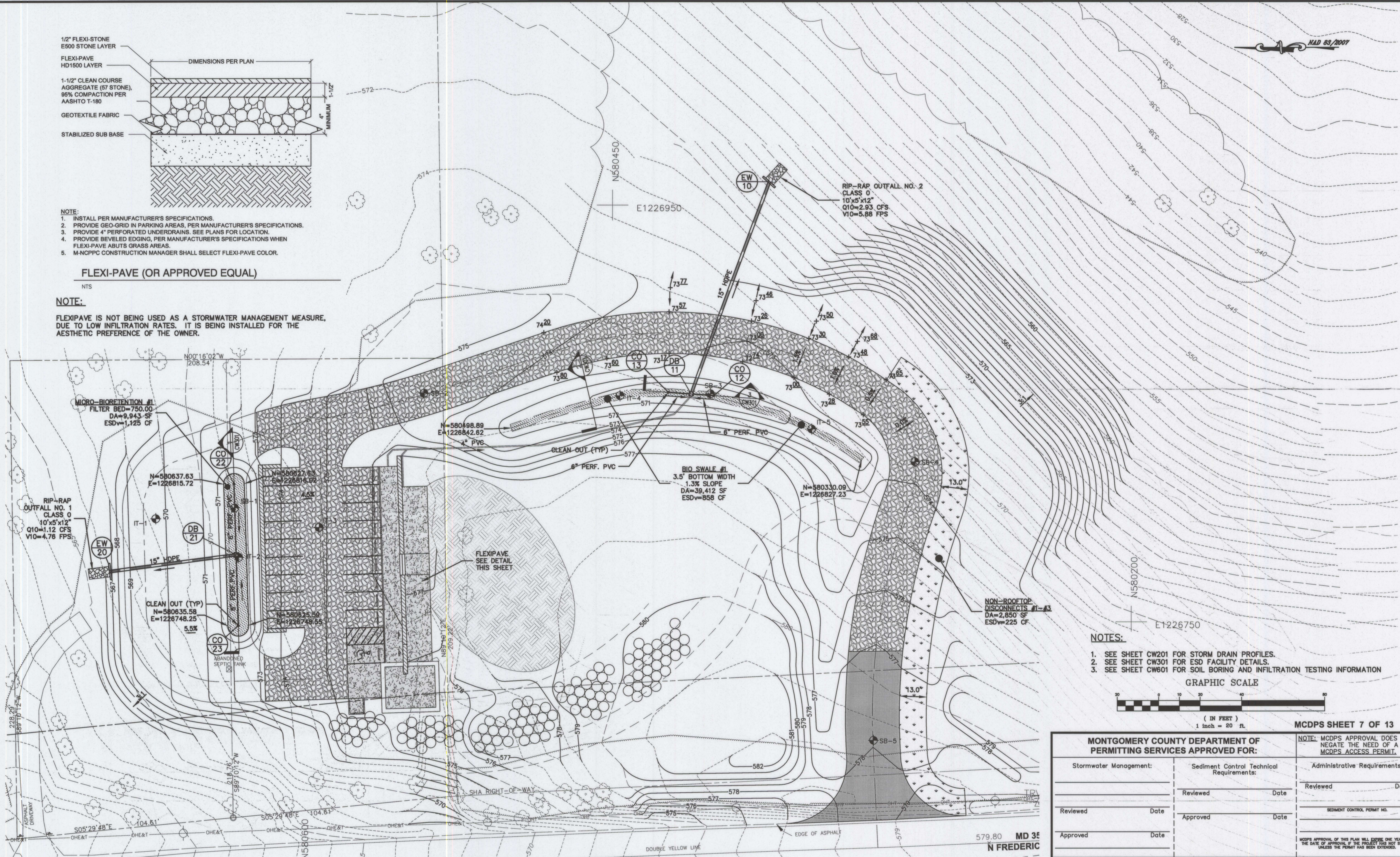
WSSC Grid Map #234NW14



- NOTE:
1. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
 2. PROVIDE GEO-GRID IN PARKING AREAS, PER MANUFACTURER'S SPECIFICATIONS.
 3. PROVIDE 4\"/>

FLEXI-PAVE (OR APPROVED EQUAL)

- NOTE:
- FLEXIPAVE IS NOT BEING USED AS A STORMWATER MANAGEMENT MEASURE, DUE TO LOW INFILTRATION RATES. IT IS BEING INSTALLED FOR THE AESTHETIC PREFERENCE OF THE OWNER.



NOTES:

1. SEE SHEET CW201 FOR STORM DRAIN PROFILES.
2. SEE SHEET CW301 FOR ESD FACILITY DETAILS.
3. SEE SHEET CW601 FOR SOIL BORING AND INFILTRATION TESTING INFORMATION

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

MCDPS SHEET 7 OF 13

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:		
Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	SEDIMENT CONTROL PERMIT NO. _____

NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.

MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.

A. MORTON THOMAS AND ASSOCIATES, INC.

Designer's Name	AMT	03/26/13	AMT
Address	N/A	N/A	N/A
City/State/Zip	AMT	03/26/13	AMT
Telephone Number	AMT	03/26/13	AMT

Design	AMT	03/26/13	AMT
Checked By:	N/A	N/A	N/A
Engineer	AMT	03/26/13	AMT
Checked By:	AMT	03/26/13	AMT

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License No. 38504

Expiration Date 3/17/2014

CHARLES A. HARPER IV



The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL

Project Manager Date _____

Construction Manager Date _____

Park Manager Date _____

ISSUED FOR PROCUREMENT ON _____

Rev. No.	Date	Description

Stormwater Management Plan

Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871

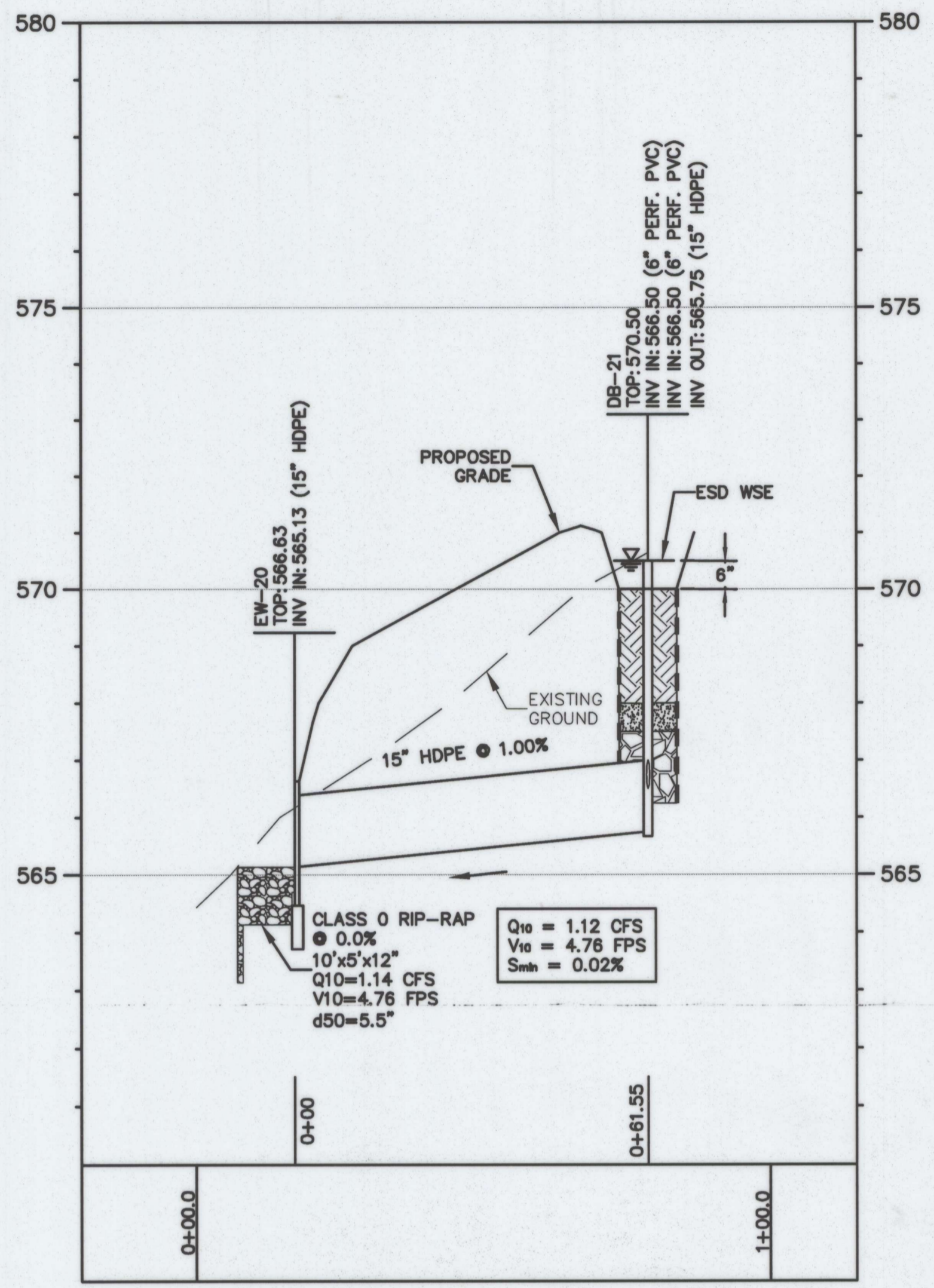
SCALE: 1" = 20'

WSSC Grid Map #234NW14

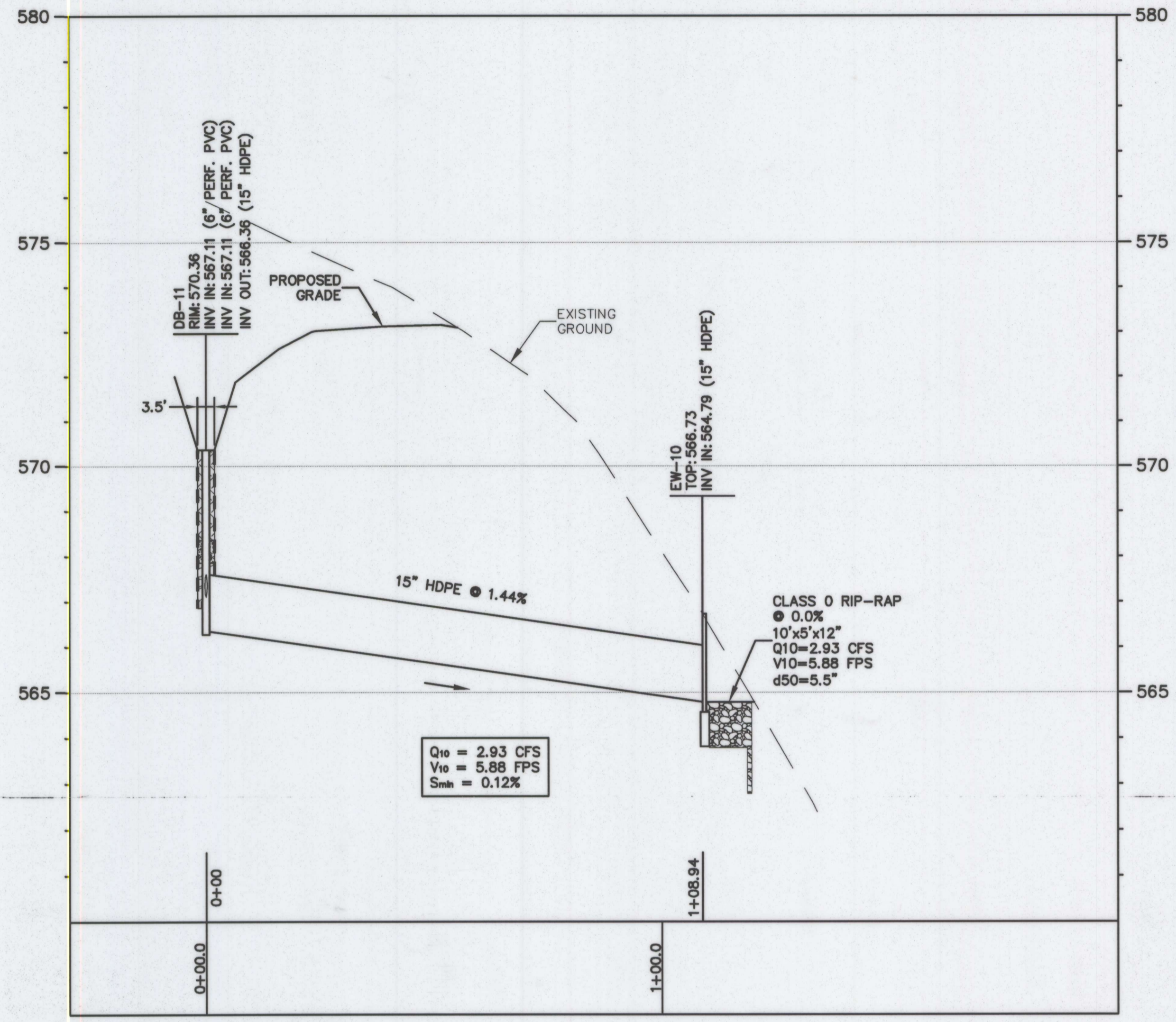
CW101

SHEET 22 of 33

FINAL SCANNED: PARK CODE: C10 PLAN SCANNED: MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION



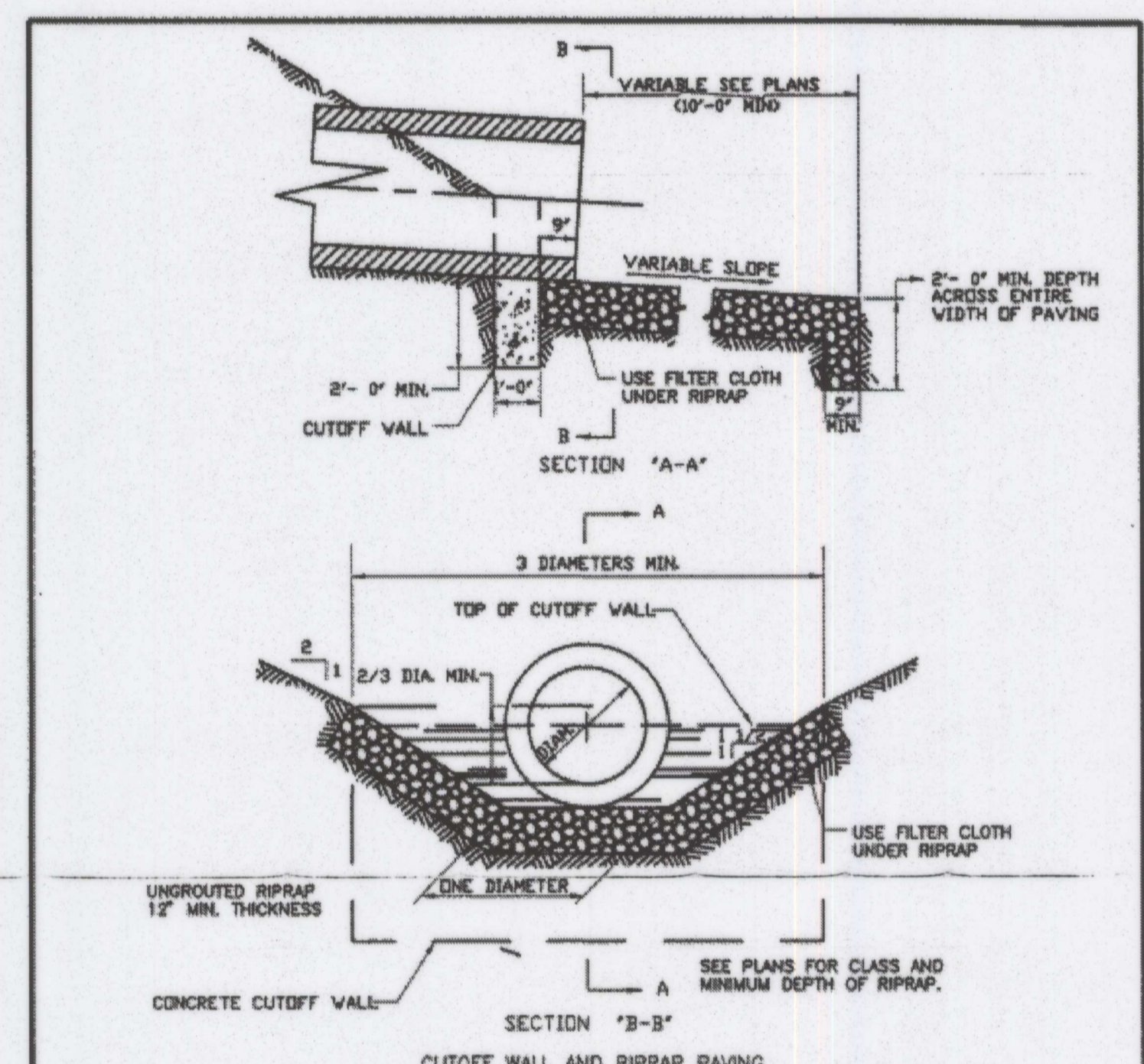
MICRO-BIORETENTION UNDERDRAIN OUTFALL PROFILE
SCALE: HORZ 1" = 20'
VERT. 1" = 2'



BIO-SWALE OUTFALL PROFILE
SCALE: HORZ 1" = 20'
VERT. 1" = 2'

STORM DRAIN STRUCTURE SCHEDULE					
STRUCTURE	TYPE	STANDARD DETAIL	NORTHING	EASTING	
EW-10	ENDWALL	MD 354.01	580374.86	1226961.06	
DB-11	18" DRAIN BASIN	18" DRAIN BASIN W/ DOMED GRATE	580412.19	1226858.72	
CO-12	CLEANOUT	DETAIL 3; THIS SHEET	580401.22	1226857.94	
CO-13	CLEANOUT	DETAIL 3; THIS SHEET	580423.16	1226859.49	
EW-20	ENDWALL	MD 354.01	580692.65	1226774.17	
DB-21	18" DRAIN BASIN	18" DRAIN BASIN W/ DOMED GRATE	580631.61	1226782.13	
CO-22	CLEANOUT	DETAIL 3; THIS SHEET	580632.63	1226815.87	
CO-23	CLEANOUT	DETAIL 3; THIS SHEET	580630.59	1226748.40	

NOTE:
1. NORTHING & EASTING COORDINATES PROVIDED IN STRUCTURE SCHEDULE REPRESENT THE "CENTER OF BARREL."



APPROVED JAN 5/96 DATE

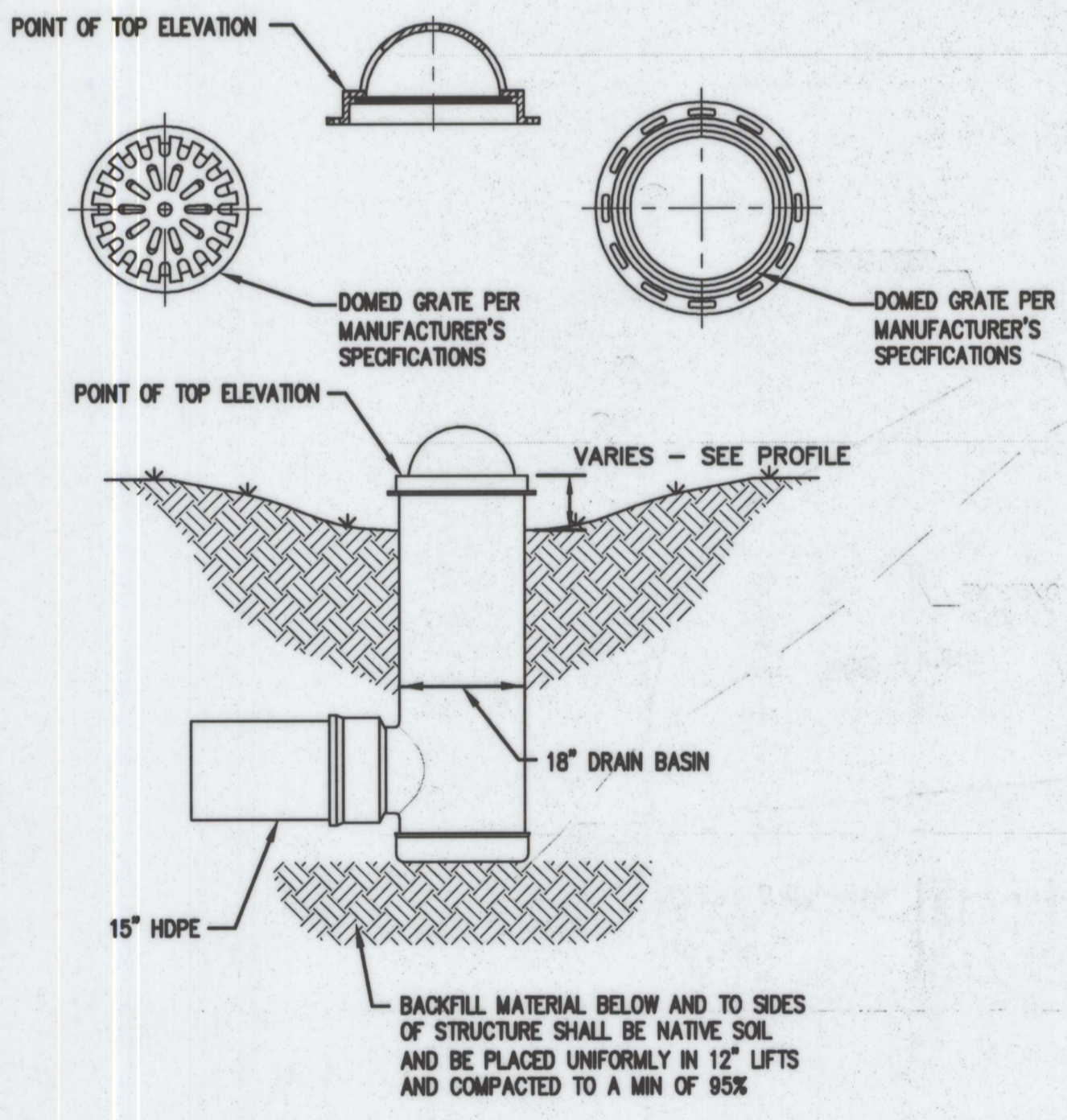
REVISIONS

REVISIONS	MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
	CUTOFF WALL WITH RIPRAP OUTFALL
	STANDARD NO. MC-521.02

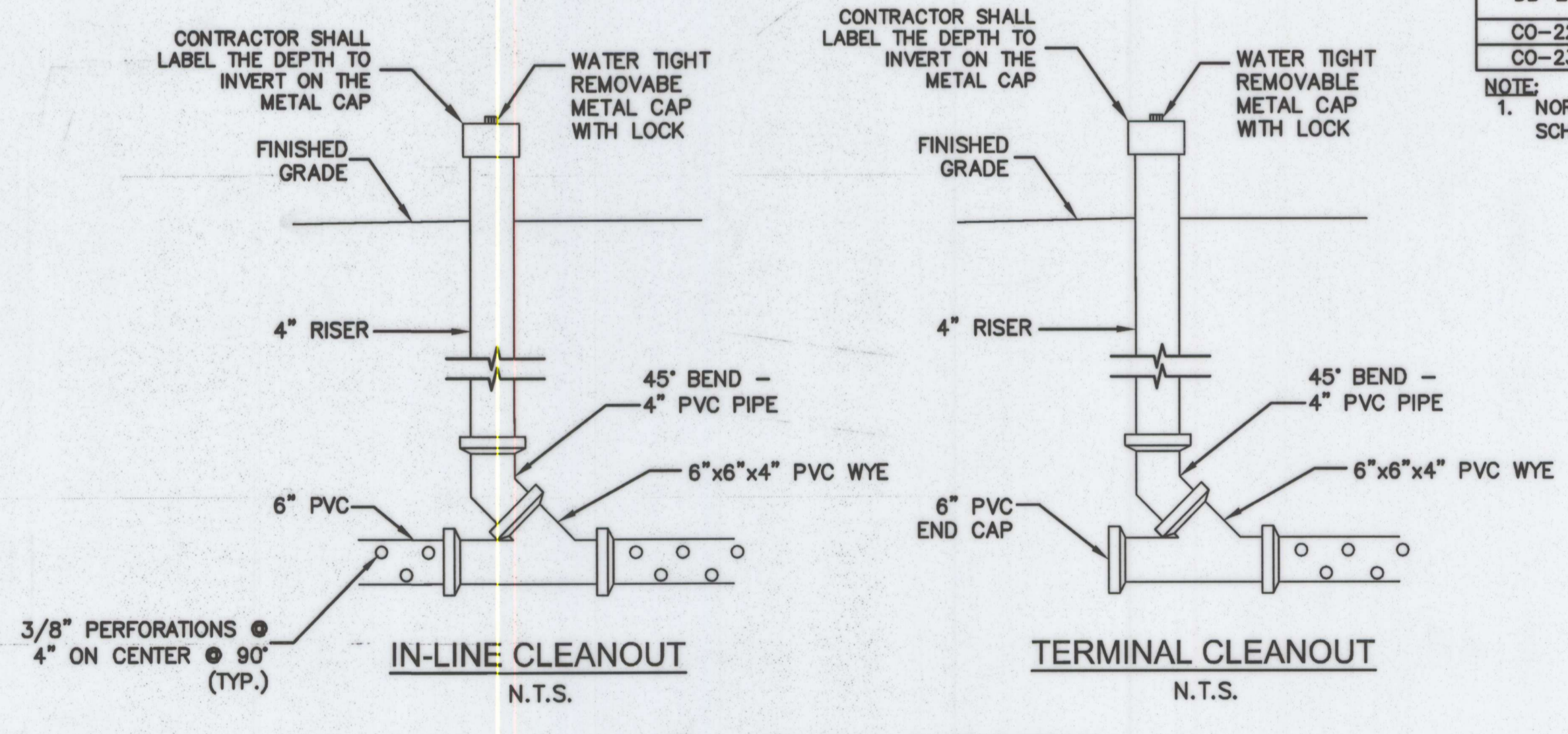
1. REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION FOR MATERIALS AND METHODS OF CONSTRUCTION.
2. CHANNEL CROSS SECTION TO TRANSITION TO EXISTING DITCH AT END OF PAVING.
3. THIS STANDARD TO BE USED ONLY ON APPROVAL BY THE DEPARTMENT OF TRANSPORTATION.
4. INSTALL FILTER CLOTH UNDER RIPRAP.

4 RIP RAP OUTLET PROTECTION - TYPICAL SECTION
N.T.S.

RIP-RAP OUTFALL DETAILS						
RIP-RAP OUTFALL NO.	LOCATION	LENGTH	WIDTH	D50	BLANKET THICKNESS	CLASSIFICATION
1	MICRO-BIO #1 OUTFALL	10.0'	5.0'	5.5"	12"	SHA CLASS 0
2	BIO-SWALE #1 OUTFALL	10.0'	5.0'	5.5"	12"	SHA CLASS 0



1 18" DRAIN BASIN WITH DOMED GRATE
N.T.S.



3 CLEAN OUT DETAIL
N.T.S.

A. MORTON THOMAS AND ASSOCIATES, INC.

Design	AMT	03/26/13	AMT
Checked By:			
Address	N/A	N/A	N/A
City/State/Zip	AMT	03/26/13	AMT
Engineer	AMT	03/26/13	AMT
Checked By:			
Telephone Number	AMT	03/26/13	AMT
Drawn by			

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. 38504

Expiration Date 3/17/2014

CHARLES A. HARPER IV

The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Parks
9500 Brunnet Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL

ISSUED FOR PROCUREMENT ON _____

REVISIONS	
Rev. No.	Date

Project Manager: _____ Date: 7-9-13

Construction Manager: _____ Date: _____

Park Manager: _____ Date: _____

Storm Drain Profiles

Little Bennett Regional Park: Day Use Area - Phase I
24615, 24625, 24675 N. Frederick Road
Clarksburg, MD 20871

SCALE: AS NOTED

WSSC Grid Map #234NW14

CW201

SHEET 23 of 33

MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:

Stormwater Management:	Sediment Control Technical Requirements:	Administrative Requirements:
Reviewed _____ Date _____	Reviewed _____ Date _____	Reviewed _____ Date _____
Approved _____ Date _____	Approved _____ Date _____	Approved _____ Date _____

NOTE: MCDPS APPROVAL DOES NOT NEGATE THE NEED OF A MCDPS ACCESS PERMIT.

SEDDIMENT CONTROL PERMIT NO. _____

MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR FROM THE DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED UNLESS THE PERMIT HAS BEEN EXTENDED.