

# THE MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION

# OVID HAZEN WELLS PARK

## FACILITY PLAN

### 12001 SKYLARK ROAD, CLARKSBURG, MD 20871

FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

Plotted By: Michael Norton, 9/10/2015 3:11 PM

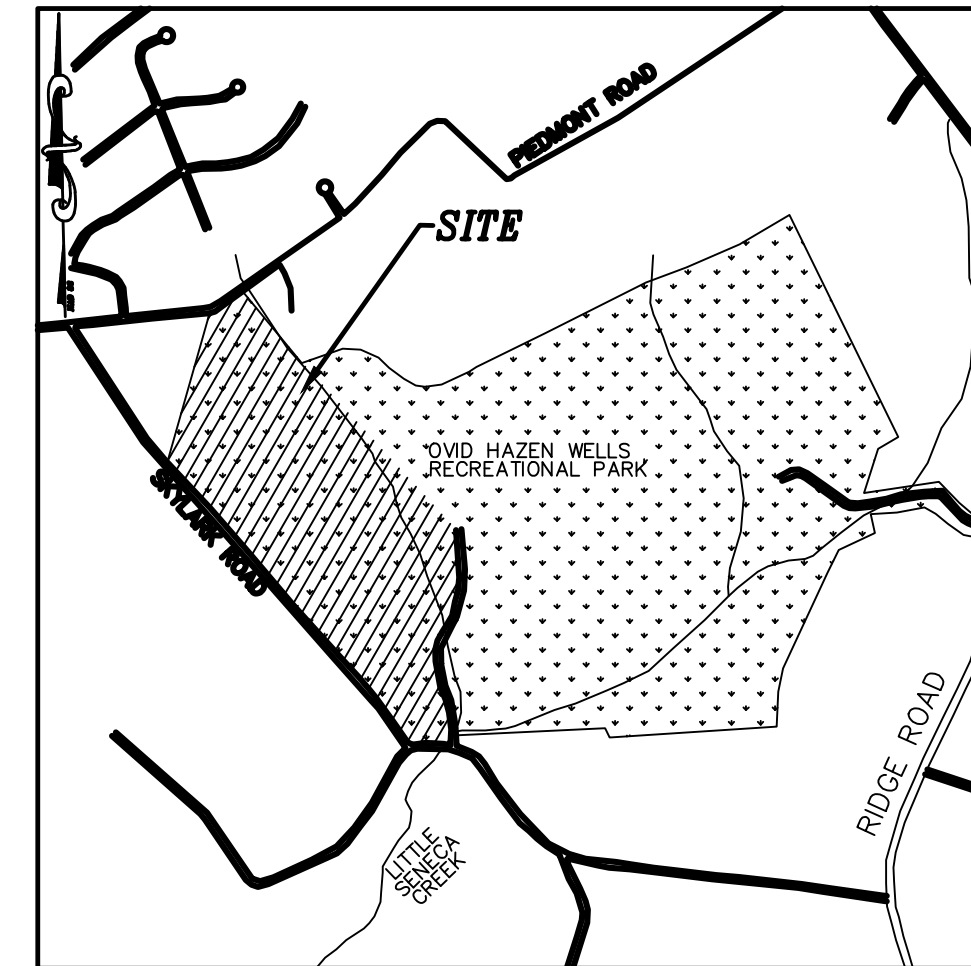
K:\VLD PROJECTS\15-010 DRAWINGS\OHW\Ex.dwg L-1

**LEGEND**

PROPERTY LINE	
EXISTING CONTOUR	
TREE PROTECTION FENCE	
LIMITS OF DISTURBANCE	
PROPOSED WALL	
PROPOSED CONTOUR	
PROPOSED SPOT ELEVATION	
EXISTING TREE	
PROPOSED CONCRETE	
PROPOSED SCORED CONCRETE	
PROPOSED ASPHALT PAVEMENT	
PROPOSED ASPHALT PATH	
PROPOSED WATER FEATURE	
EXISTING HOUSE	
FOREST TREELINE	
STREAM	
STREAM BUFFER	
WETLANDS	
40'-100' WETLANDS BUFFER	
EXISTING SANITARY SEWER	
EXISTING STORM DRAIN	
EXISTING UTILITY POLE	
EXISTING OVHD UTILITY LINE	
EXISTING U/G ELECTRIC LINE	
EXISTING FIRE HYDRANT	
EXISTING WATER METER	
EXISTING LIGHT	
EXISTING SIGN	
EXISTING CHAIN LINK FENCE	
EXISTING BUILDING TO BE REMOVED	
EXISTING CONCRETE AND EX. CONCRETE SIDEWALK TO BE REMOVED	
EXISTING ASPHALT PAVEMENT TO BE REMOVED	
FEATURE TO BE REMOVED	

**GENERAL NOTES**

1. THE PROPOSED PLANS ARE BASED ON THE SURVEY WITH AVAILABLE DATA.
2. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE INSTALLER SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE FAILURE TO LOCATE AND PRESERVE ANY AND ALL UTILITIES.
3. SUBSTITUTIONS IN PRODUCTS AND MATERIALS SHALL NOT BE MADE WITHOUT PRIOR APPROVAL BY THE PARK DEVELOPMENT DIVISION'S PROJECT MANAGER OR CONSTRUCTION MANAGER.
4. THE INSTALLER IS RESPONSIBLE FOR KEEPING ALL WORK AND RELATED ACTIVITIES WITHIN THE DESIGNATED LIMIT OF WORK. PORTIONS OF EACH PARK SHALL REMAIN IN PUBLIC USE DURING THE CONSTRUCTION OF EACH PLAYGROUND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE PROPER BARRICADES (PORTABLE CHAIN LINK FENCE) AT ALL INTERFACES BETWEEN THE CONSTRUCTION AREAS AND PUBLIC USE AREAS.
5. INSTALL TREE PROTECTION AND EROSION CONTROL MEASURES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY OR DELIVERIES TO THE SITE. TREE PROTECTION AND EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL THE SITE IS STABILIZED AND CONSTRUCTION IS COMPLETE.
6. THE INSTALLER SHALL KEEP VEHICULAR ACCESS AREAS, DRIVEWAYS, AND OTHER PAVED AREAS CLEAN AND FREE OF MUD ON A DAILY BASIS DURING CONSTRUCTION. THE SITE SHALL BE KEPT CLEAN AND FREE OF TRASH AT ALL TIMES DURING CONSTRUCTION.
7. THE INSTALLER SHALL DISTRIBUTE ALL MATERIALS AND EQUIPMENT AND SPREAD ANY STOCKPILES IN SUCH A MANNER AS TO PROTECT EXISTING CONDITIONS, SUCH AS UTILITIES, VEGETATION, ETC. PROTECT ALL EXISTING CONDITIONS UNLESS OTHERWISE NOTED. DO NOT STOCKPILE SOIL OR CONSTRUCTION MATERIALS, OR DRIVE VEHICLES WITHIN THE CRITICAL ROOT ZONES OF EXISTING TREES TO REMAIN. COORDINATE ALL CONSTRUCTION ACCESS AREA. STAGING AND STOCKPILE AREAS WITH THE CONSTRUCTION MANAGER (JAY CHILDS, 301-495-2574).
8. PROMPTLY NOTIFY THE PARK DEVELOPMENT DIVISION'S CONSTRUCTION MANAGER OF ANY UNEXPECTED SUBSURFACE CONDITIONS DURING THE COURSE OF WORK THAT WOULD REQUIRE CHANGES TO THE DESIGN.
9. PROMPTLY REPAIR ALL DAMAGE CAUSED BY CONSTRUCTION OPERATIONS TO EXISTING PAVEMENT, DRIVEWAYS, AND OTHER FACILITIES TO THE SATISFACTION OF THE CONSTRUCTION MANAGER. SPREAD TOPSOIL AND RE-ESTABLISH LAWN AREAS AS NECESSARY TO THE SATISFACTION OF THE CONSTRUCTION MANAGER.
10. UPON COMPLETION OF THE PROJECT, THE INSTALLER SHALL REMOVE FROM THE SITE ALL EXCESS SOIL, STONE, TEMPORARY FENCING, MULCH, AND ALL OTHER DEBRIS AND MATERIALS AND SHALL DISPOSE OF THESE MATERIALS OFF SITE LEGALLY. ALL PAVED AREAS, CURBS, ETC. SHALL BE THOROUGHLY WASHED AND CLEANED UPON COMPLETION OF THE PROJECT.



**VICINITY MAP**  
SCALE: 1" = 2,000'±  
(WSSC GRID: 233 NW 12)  
MONTGOMERY COUNTY  
ADC MAP PAGE: 5

SHEET INDEX		
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3	L-1.3	Overall Existing/Demotion Plan
4	L-2.1A	Overall Site Plan
4	L-2.1	Sheet Layout
5	L-2.2	Site Plan
6	L-2.3	Site Plan
7	L-2.4	Site Plan
8	L-2.5	Site Plan
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12	SWM-1	Overall SWM Concept Plan
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15	SWM-4	SWM Concept Plan
16	SWM-5	SWM Concept Plan
17	SWM-6	SWM Concept Plan
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20	ESC-2	Erosion and Sediment Control Plan
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26	UT-1	Utility Plan

**MISS UTILITY**  
The Contractor shall call "Miss Utility" at 1-800-257-7777, 48 hours prior to the start of work. The Contractor is responsible for ensuring that all underground utilities in the area of proposed work are located prior to commencing construction work. The Contractor is responsible for compliance with requirements of Chapter 36A of the Montgomery County Code.

The Contractor is also responsible for locating all private utilities (not located by Miss Utility) within M-NCPPC property at their expense. All utilities shown on the plans are provided for information only and shall be considered approximate. M-NCPPC shall not be responsible for locating underground utilities. Any utilities or other underground facilities damaged during construction shall be repaired/replaced at the Contractor's expense.

UTILITY SURVEY & RELOCATION CERTIFICATION				
UTILITY	DATE REQUESTED	DATE RECEIVED	SHOWN ON PLANS (Y/N)	RELOCATION REQ'D (Y/N)
PEPCO	N/A			
WSSC	N/A			
AT&T	N/A			
WG&L	N/A			
VERIZON	N/A			
COMCAST	N/A			

**UTILITY STATEMENT**  
THE ABOVE UTILITY COMPANIES HAVE BEEN CONTACTED REGARDING EXISTING UTILITIES WITHIN THIS PROJECT AREA AND INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM AVAILABLE RECORDS. HENCE, ANY UTILITY MODIFICATIONS REQUIRED BY THIS PROJECT HAVE BEEN COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES. THIS STATEMENT DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY FOR FIELD LOCATING AND VERIFYING ALL UNDERGROUND UTILITIES PRIOR TO STARTING CONSTRUCTION.

Name/Title \_\_\_\_\_ Date \_\_\_\_\_

**ADA COMPLIANCE CERTIFICATION**

The design of this project has incorporated facilities for the elderly and handicapped in compliance with the County, State and Federal Legislation.

Design Engineer \_\_\_\_\_ Date \_\_\_\_\_

**APPROVED FOR PROCUREMENT**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Michael Ma  
Acting Chief, Parks Development Division

**OWNER/DEVELOPER/APPLICANT:**  
THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION  
MONTGOMERY COUNTY DEPARTMENT OF PARKS  
9500 BRUNETT AVENUE  
SILVER SPRING, MARYLAND 20901  
ATTN: KIMBERLY PANIATI  
PHONE: 301.495.2465  
kimberly.paniati@montgomeryparks.org

**MISS UTILITY**  
CALL "MISS UTILITY" AT 8-1-1 OR 1-800-257-7777 OR LOG ON TO [www.call811.com](http://www.call811.com) OR [www.missutility.net](http://www.missutility.net) 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48 HOURS AFTER CALLING MISS UTILITY.

DESIGN	
Designer's Name	Landscape Architect Checked By: _____ Date _____
Address	Architect Checked By: _____ Date _____
City/State/Zip	Engineer Checked By: _____ Date _____
Telephone Number	Drawn by _____ Date _____ Checked By: _____

**NORTON LAND DESIGN**  
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
P. 240.342.2329 F. 240.342.2632 WWW.NORTONLANDDESIGN.COM

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

REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON _____	
REVISIONS			
Rev. No.	Date	Description	

**OVID HAZEN WELLS PARK**

**TITLE SHEET**

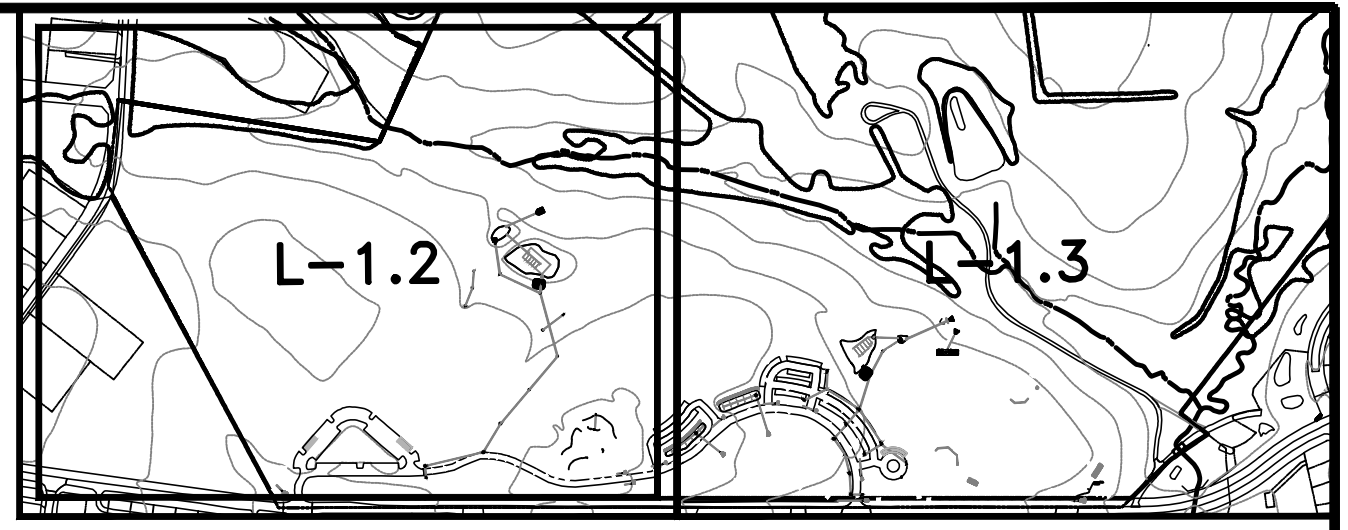
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**L-1.1**

FINAL SCANNED:

PLAN SCANNED: C10

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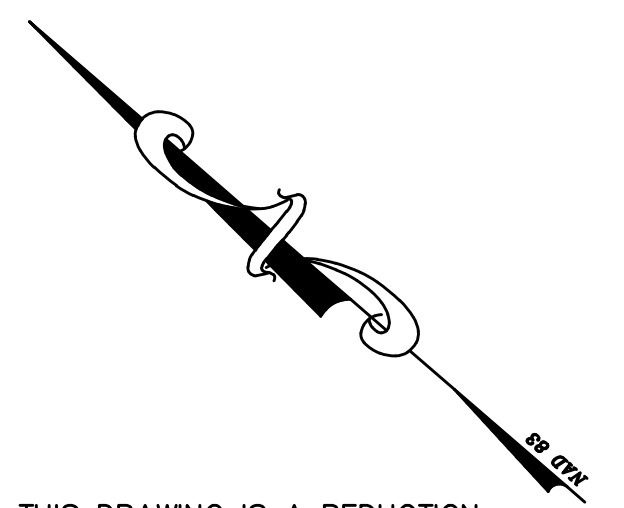


**GENERAL DEMOLITION NOTES**

KEY MAP  
SCALE: 1"=600'

1. CONTRACTOR SHALL PROVIDE REQUIRED SIGNAGE AND FLAGMEN ALONG ALL PUBLIC STREETS ADJACENT TO THE SITE, TO ASSURE THE SAFETY OF ALL VEHICULAR AND PEDESTRIAN TRAFFIC. ALL TRAFFIC CONTROLS MUST BE IN ACCORDANCE WITH THE MOST CURRENT COUNTY REQUIREMENTS AND WITH THE MOST CURRENT MONTGOMERY COUNTY DOT WORK ZONE TRAFFIC CONTROL STANDARDS AND DETAILS.
2. ALL WORK SHALL BE PERFORMED IN STRICT CONFORMANCE WITH THE MOST CURRENT APPLICABLE EPA AND OSHA REGULATION AND MUST COMPLY WITH THE MOST CURRENT FEDERAL, STATE AND/OR LOCAL REGULATIONS AND CODES APPLICABLE TO SAID WORK.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK WITH REPRESENTATIVE UTILITY COMPANIES AND IMPLEMENTING REQUIRED UTILITY RELATED WORK ACCORDINGLY.
4. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR OWNERS REPRESENTATIVE IMMEDIATELY UPON ENCOUNTERING ANY HAZARDOUS OR CONTAMINATED MATERIALS. THE CONTRACTOR SHALL DOCUMENT SAME TO THE OWNER TO OBTAIN DIRECTION AS TO THE APPROPRIATE ACTION(S) TO BE TAKEN.
5. WHERE NEW WORK IS TO BE DONE, CARE SHALL BE TAKEN TO PROTECT ALL EXISTING ADJACENT SURFACES AND AREAS FROM DAMAGE. ANY AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR SHALL BACKFILL EXCAVATED AREAS WITH ACCEPTABLE MATERIAL, AS SPECIFIED IN THE CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL SHEET/SHORE AND BRACE ANY AND ALL STRUCTURES EXPOSED BY EXCAVATION/CONSTRUCTION.
8. IN THE EVENT THAT, DURING DEMOLITION OR CONSTRUCTION ACTIVITIES THE CONTRACTOR ENCOUNTERS ANY EXISTING UTILITIES/STRUCTURES NOT SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER FOR DIRECTION PRIOR TO PROCEEDING WITH ANY WORK.
9. ALL SAWCUTS ARE TO BE STRAIGHT AND EVEN, JAGGED EDGES WILL NOT BE ACCEPTED.
10. IT IS THE INTENT OF THIS DEMOLITION PHASE TO PROVIDE A SITE CLEAR OF ALL PHYSICAL OBSTRUCTIONS THAT WOULD OTHERWISE IMPEDE NEW CONSTRUCTION.
11. REMOVAL OF PLAY AREAS INCLUDES REMOVAL OF EQUIPMENTS WITHIN PLAY AREAS, INCLUDING ANY FOUNDATIONS.
12. THIS PLAN IS INTENDED TO PROVIDE AN OVERALL PICTURE OF DEMOLITION THAT WILL BE PERFORMED THROUGHOUT CONSTRUCTION. SOME DEMOLITION IS PHASED AND PROGRESSES AS CONSTRUCTION CONTINUES. ALL DEMOLITION, AND MOST IMPORTANTLY UTILITY DEMOLITION, MUST BE PERFORMED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND THE SEQUENCE OF CONSTRUCTION SHOWN ON SEDIMENT CONTROL PLAN.
13. EXISTING LIGHTS NOT SHOWN FOR DEMOLITION SHALL REMAIN OPERATIONAL AT ALL TIMES.
14. THERE MAY BE ADDITIONAL EXISTING UTILITIES OR STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION THAT ARE NOT IDENTIFIED ON THESE PLANS. CONTRACTOR SHALL EXERCISE CAUTION DURING EXCAVATION AND IMMEDIATELY NOTIFY THE OWNER OF ANY UNEXPECTED UTILITIES NOT PLANNED FOR. CONTRACTOR SHALL AS-BUILT ANY FOUND UTILITIES NOT WITHIN THE LIMITS OF DISTURBANCE.
15. UNDERGROUND UTILITIES ENCOUNTERED DURING DEMOLITION AND CONSTRUCTION SHALL BE ASSUMED TO BE LIVE UNTIL DETERMINED OTHERWISE.
16. CURB AND GUTTER AND SIDEWALK TO BE SAWCUT SHALL BE SAWCUT AT THE NEAREST JOINT.
17. ALL BUILDINGS TO BE REMOVED SHALL ALSO REMOVE ALL FOOTINGS AND FOUNDATION BELOW GRADE.
18. CONTRACTOR SHALL ASSUME ALL TREES/VEGETATION WITHIN THE LOD ARE TO BE DEMOLISHED.

MATCH LINE L-1.3



CAUTION: IF THIS DRAWING IS A REDUCTION,  
GRAPHIC SCALE MUST BE USED  
(ORIGINAL SIZE = 24" x 36")  
GRAPHIC SCALE



( IN FEET )  
1 inch = 80 ft.

Designer's Name	_____
Address	_____
City/State/Zip	_____
Telephone Number	_____

DESIGN	
Landscape Architect Date	Checked By: _____
Architect Date	Checked By: _____
Engineer Date	Checked By: _____
Drawn by Date	Checked By: _____

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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 _____		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**OVERALL DEMOTION PLAN**  
SCALE: AS SHOWN Liber 05738 Folio 0055

L-1.2

FINAL SCANNED:

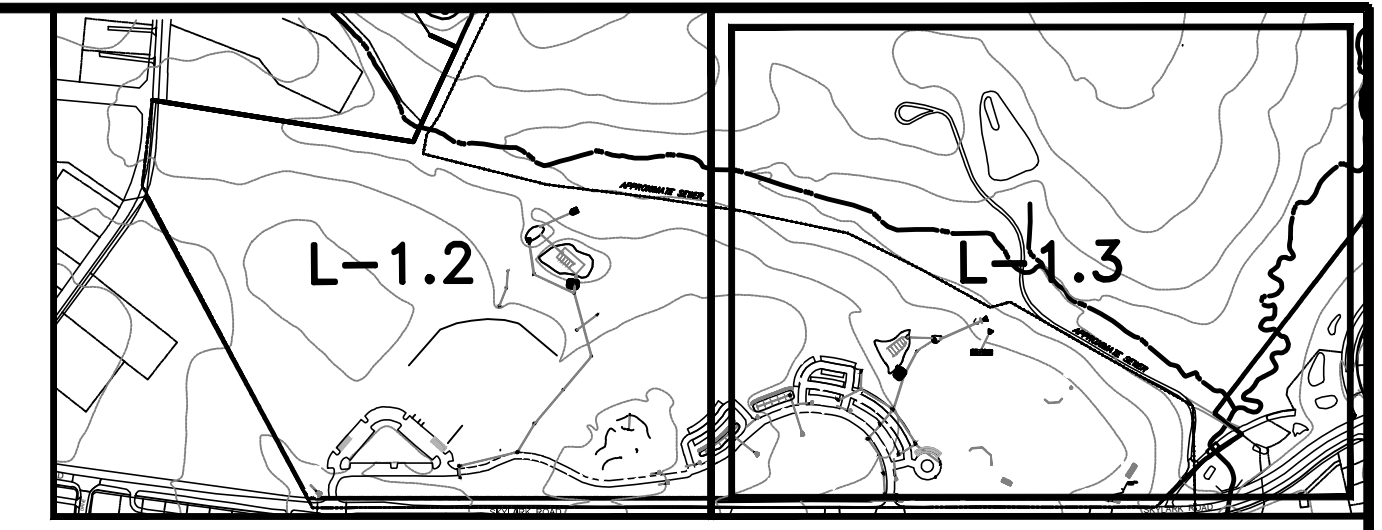
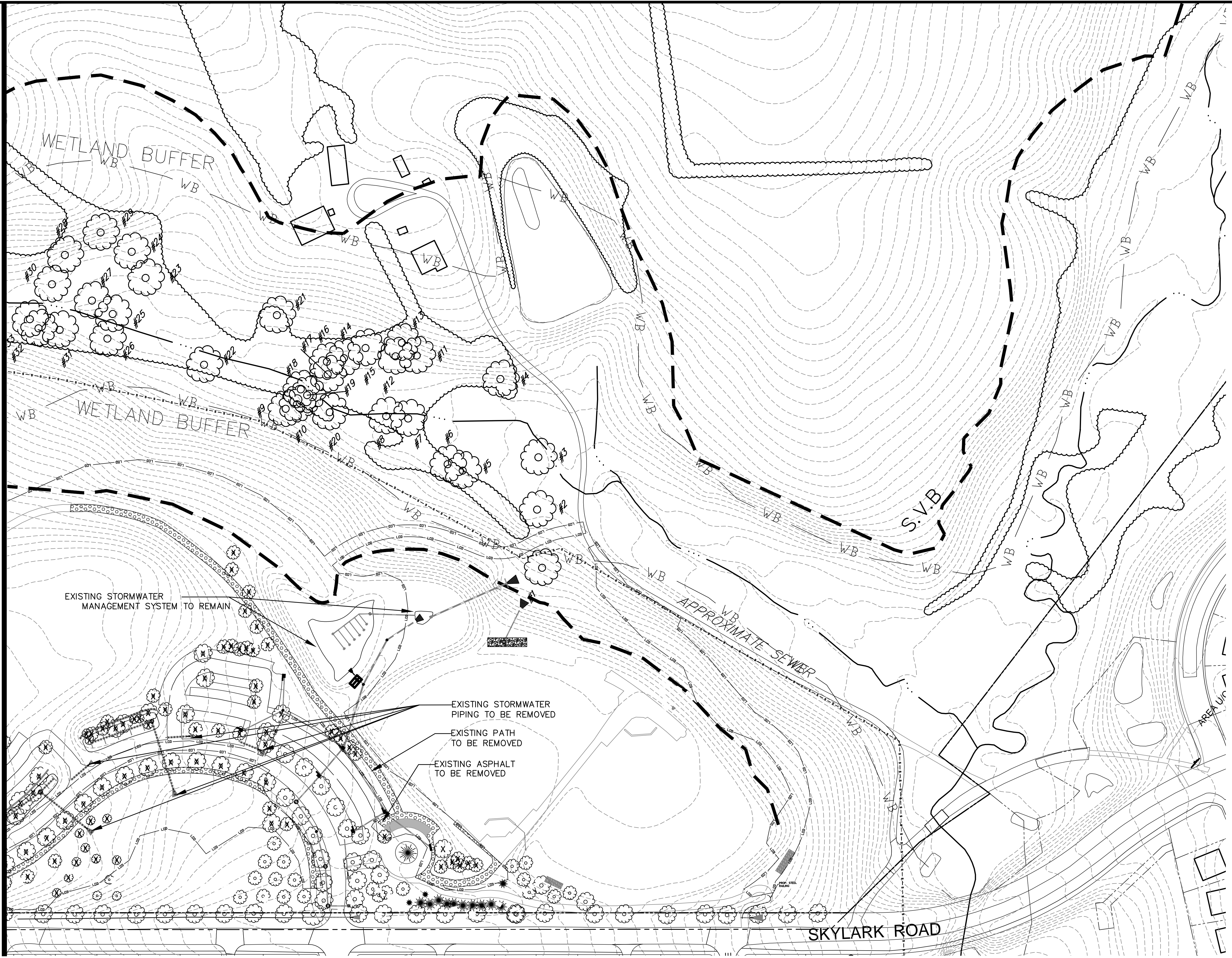
PLAN SCANNED:

PARK CODE: C10

MATCH LINE L-1.2

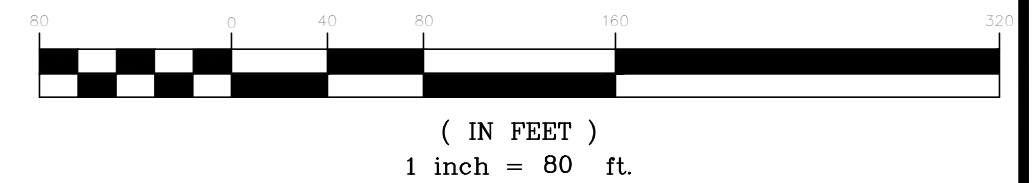
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SHEET KEY  
SCALE: 1"=60'

CAUTION: IF THIS DRAWING IS A REDUCTION,  
GRAPHIC SCALE MUST BE USED  
(ORIGINAL SIZE = 24"x 36")  
GRAPHIC SCALE



Designer's Name	_____
Address	_____
City/State/Zip	_____
Telephone Number	_____

DESIGN	
Landscape Architect	_____
Date	_____
Checked By:	_____
Architect	_____
Date	_____
Checked By:	_____
Engineer	_____
Date	_____
Checked By:	_____
Drawn by	_____
Date	_____
Checked By:	_____

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

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**OVERALL DEMOTION PLAN**  
 SCALE: AS SHOWN Liber 05738 Folio 0055

L-1.3

FINAL SCANNED:





PLAN SCANNED:

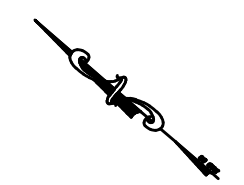
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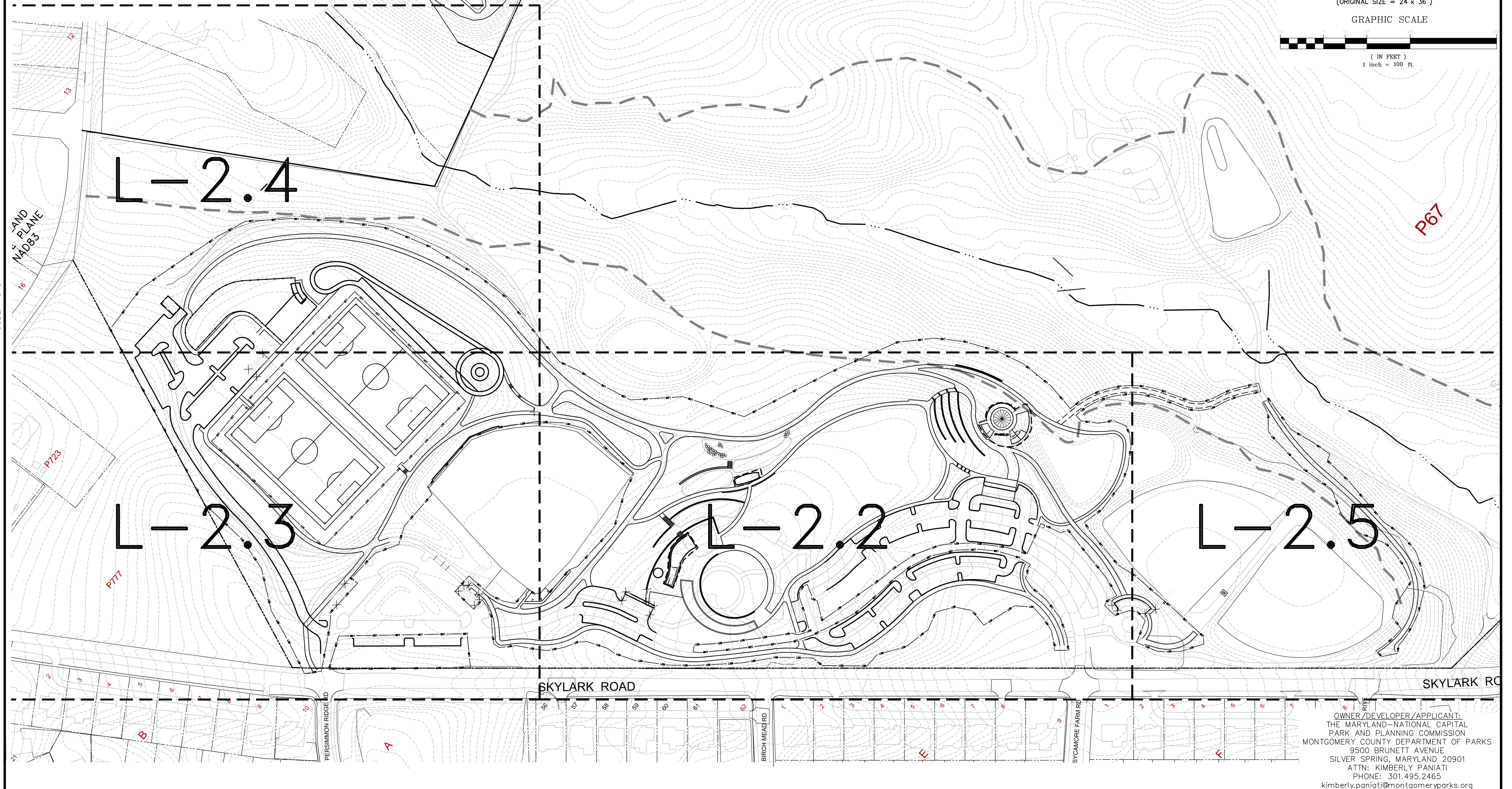
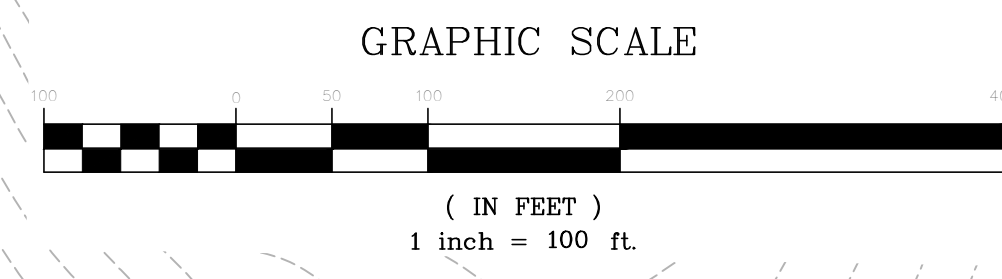
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**LEGEND**

-  MATCHLINE
-  96 EXISTING CONTOUR
-  PROPERTY BOUNDARY
-  STREAM



CAUTION: IF THIS DRAWING IS A REDUCTION,  
GRAPHIC SCALE MUST BE USED  
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THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION  
MONTGOMERY COUNTY DEPARTMENT OF PARKS  
9500 BRUNETT AVENUE  
SILVER SPRING, MARYLAND 20901  
ATTN: KIMBERLY PANIATI  
PHONE: 301.495.2465  
kimberly.paniati@montgomeryparks.org

Designer's Name	_____
Address	_____
City/State/Zip	_____
Telephone Number	_____

DESIGN	
Landscape Architect	Checked By: _____
Date	_____
Architect	Checked By: _____
Date	_____
Engineer	Checked By: _____
Date	_____
Drawn by	_____
Date	_____

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Montgomery County Department of Parks  
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(301) 495-2535

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

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**OVERALL SITE PLAN**  
SCALE: AS SHOWN Liber 05738 Folio 0055

L-2.1

FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

Plotter: Michael Norton, 9/10/2015 2:49 PM

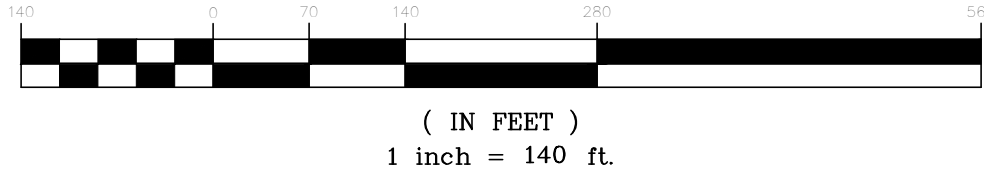
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**LEGEND**

- 96 --- EXISTING CONTOUR
- PROPERTY BOUNDARY
- STREAM
- STREAMVALLEY BUFFER

CAUTION: IF THIS DRAWING IS A REDUCTION,  
GRAPHIC SCALE MUST BE USED  
(ORIGINAL SIZE = 24" x 36")

**GRAPHIC SCALE**



Designer's Name	-----
Address	-----
City/State/Zip	-----
Telephone Number	-----

DESIGN	
Landscape Architect	Checked By: _____
Date	_____
Architect	Checked By: _____
Date	_____
Engineer	Checked By: _____
Date	_____
Drawn by	_____
Date	_____

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

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**OVERALL SITE PLAN**  
 SCALE: AS SHOWN Liber 05738 Folio 0055

L-2.1A

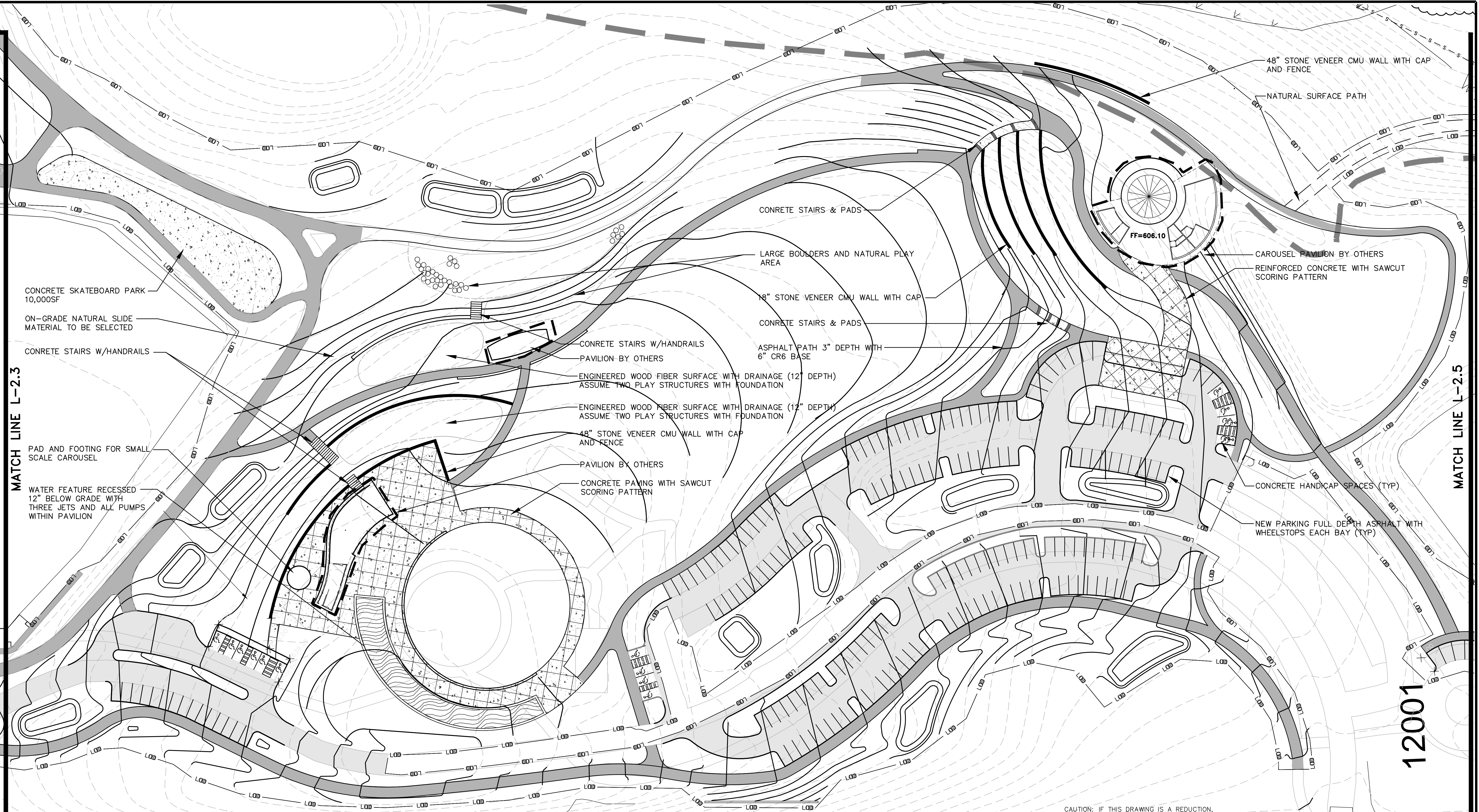
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PLAN SCANNED:

PARK CODE: C10

12001

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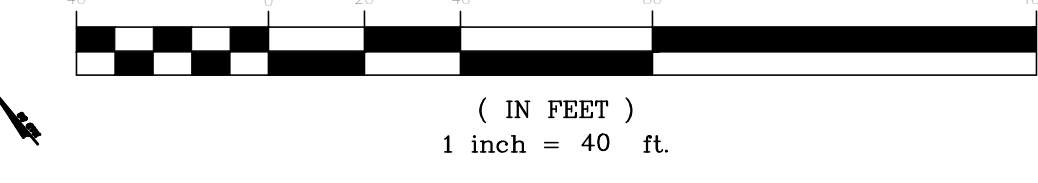


SKYLARK ROAD

**MISS UTILITY**  
 CALL "MISS UTILITY" AT 8-1-1 OR 1-800-257-7777 OR LOG ON TO [www.call811.com](http://www.call811.com) OR [www.missutility.net](http://www.missutility.net) 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT 1-866-921-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48 HOURS AFTER CALLING MISS UTILITY.

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GRAPHIC SCALE



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 ATTN: KIMBERLY PANIATI  
 PHONE: 301.495.2465  
[kimberly.paniati@montgomeryparks.org](mailto:kimberly.paniati@montgomeryparks.org)

Designer's Name	Landscape Architect	
Address	Date	Checked By:
City/State/Zip	Engineer	Date
Telephone Number	Drawn by	Date

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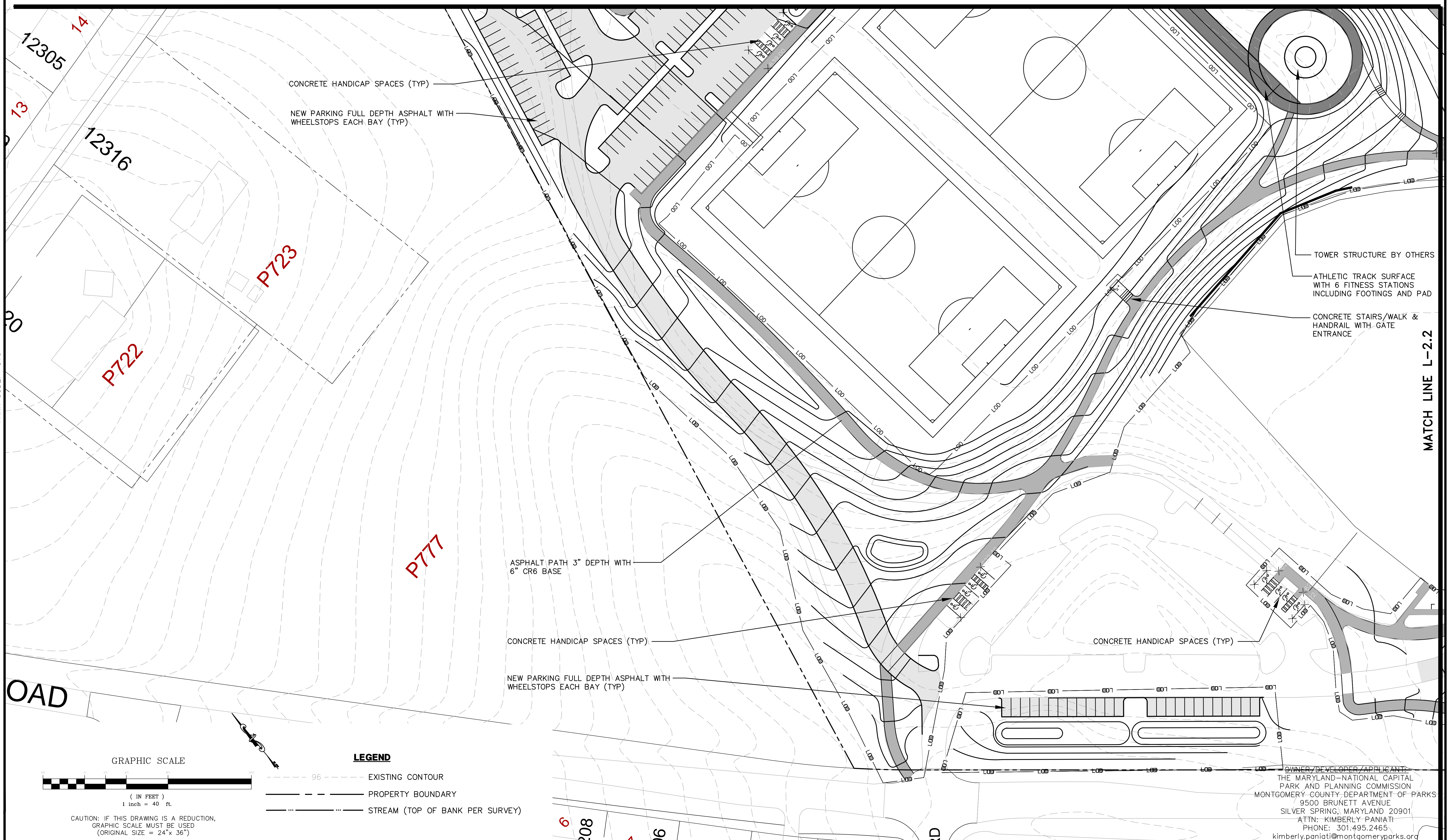
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**SITE PLAN**  
 SCALE: AS SHOWN Liber 05738 Folio 0055

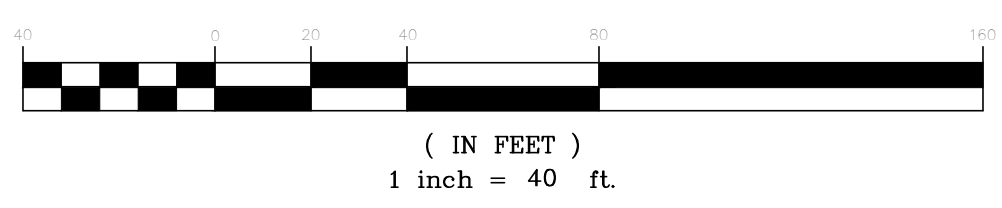
L-2.2

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10 PLOTTED BY: Michael Norton, 7/3/2015 11:12 AM, K:\PROJECTS\15-010\DRAWINGS\01H SP-PRICE.dwg L-2.3



ROAD

GRAPHIC SCALE



CAUTION: IF THIS DRAWING IS A REDUCTION, GRAPHIC SCALE MUST BE USED (ORIGINAL SIZE = 24"x 36")

LEGEND

- 96 --- EXISTING CONTOUR
- PROPERTY BOUNDARY
- STREAM (TOP OF BANK PER SURVEY)

OWNER/DEVELOPER/APPLICANT:  
 THE MARYLAND-NATIONAL CAPITAL  
 PARK AND PLANNING COMMISSION  
 MONTGOMERY COUNTY DEPARTMENT OF PARKS  
 9500 BRUNETT AVENUE  
 SILVER SPRING, MARYLAND 20901  
 ATTN: KIMBERLY PANIATI  
 PHONE: 301.495.2465  
 kimberly.paniati@montgomeryparks.org

DESIGN	
Designer's Name	Landscape Architect
Address	Date
City/State/Zip	Checked By:
Telephone Number	Engineer
	Date
	Checked By:
	Drawn by
	Date
	Checked By:

**NORTON LAND DESIGN**  
 LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
 17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
 P.240.342.2329 F.240.342.2632 WWW.NORTONLANDDESIGN.COM

**The Maryland-National Capital Park and Planning Commission**  
 Montgomery County Department of Parks  
 9500 Brunnett 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

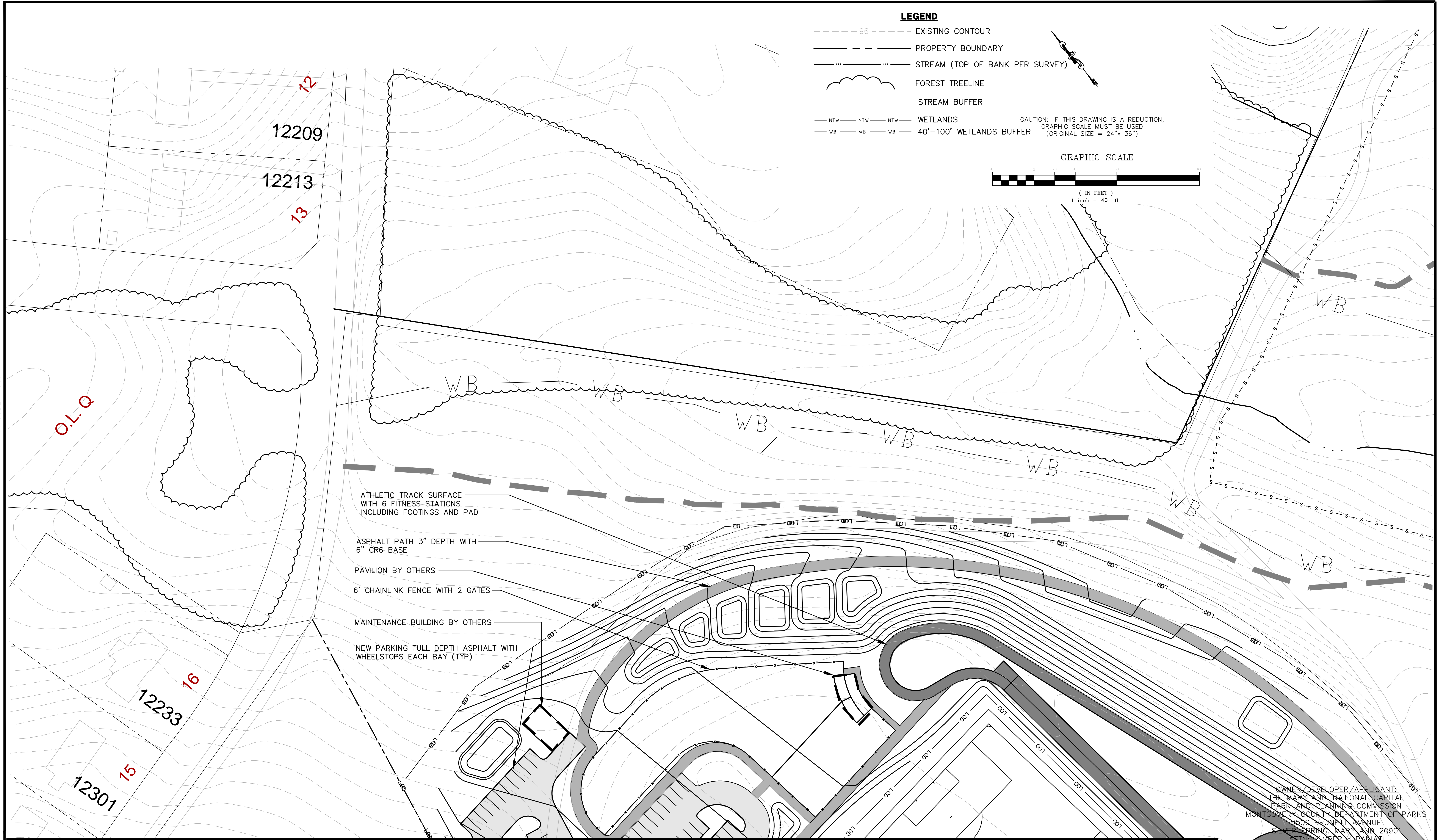
**OVID HAZEN WELLS PARK**  
**SITE PLAN**  
 SCALE: AS SHOWN Liber 05738 Folio 0055

FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

K:\VLD PROJECTS\15-010 DRAWINGS\010 SP-PRICE.dwg L-2.4 Plotted By: Michael Norton, 7/3/2015 11:13 AM, -----



OWNER/DEVELOPER/APPLICANT:  
THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION  
MONTGOMERY COUNTY DEPARTMENT OF PARKS  
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SILVER SPRING, MARYLAND 20901  
ATTN: KIMBERLY PANIATI  
PHONE: 301.495.2465  
kimberly.paniati@montgomeryparks.org

Designer's Name	Landscape Architect	
Address	Date	Checked By:
City/State/Zip	Architect	Checked By:
Telephone Number	Date	Checked By:
	Engineer	Checked By:
	Date	Checked By:
	Drawn by	Checked By:
	Date	Checked By:

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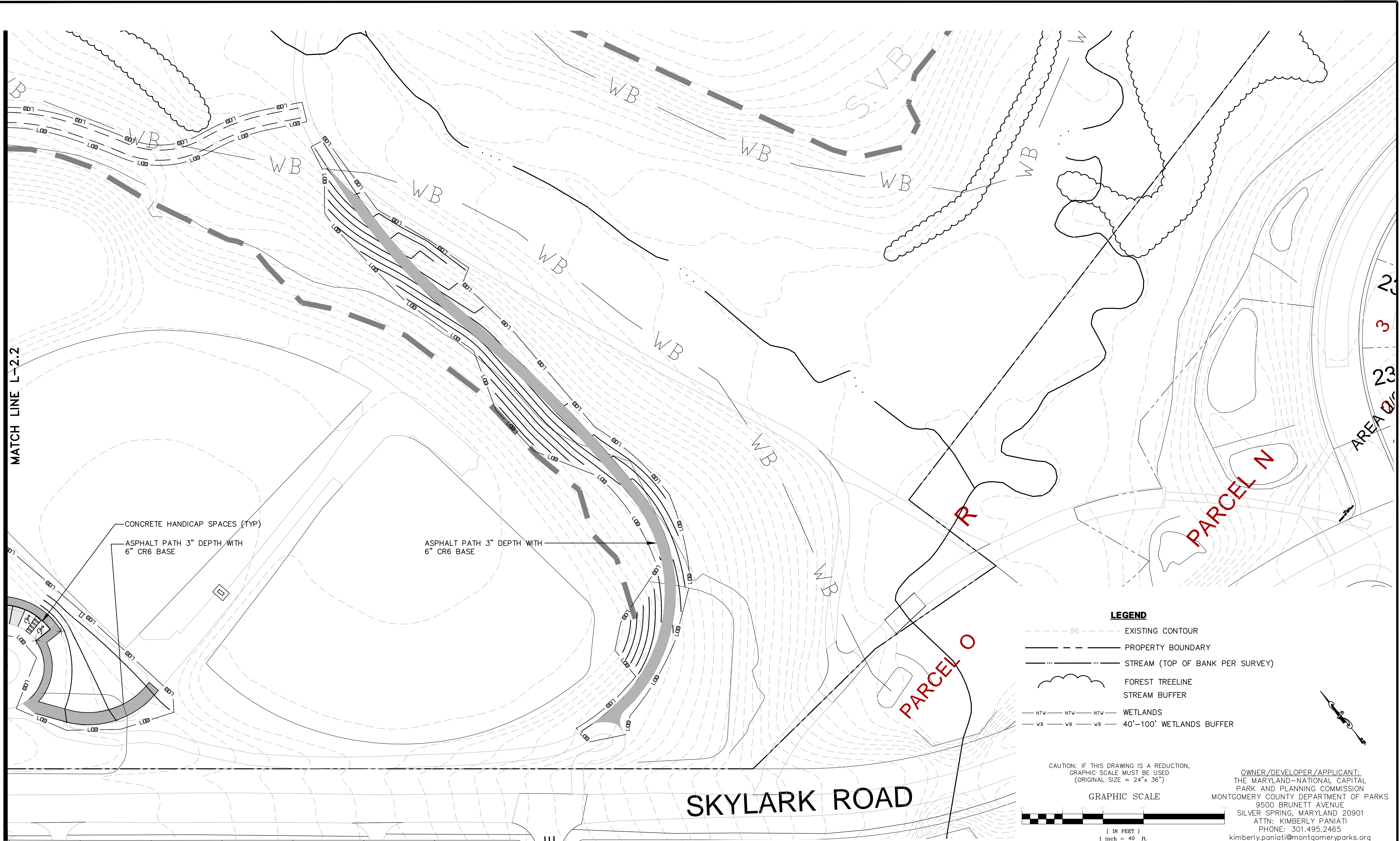
**The Maryland-National Capital Park and Planning Commission**  
Montgomery County Department of Parks  
9500 Brunnett Avenue  
Silver Spring, Maryland 20901  
(301) 495-2535

Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**SITE PLAN**  
SCALE: AS SHOWN Liber 05738 Folio 0055  
**L-2.4**



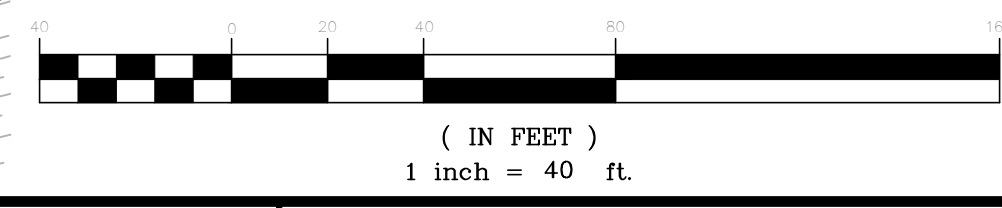


**LEGEND**

- - - - - 96 - - - - - EXISTING CONTOUR
- PROPERTY BOUNDARY
- STREAM (TOP OF BANK PER SURVEY)
- FOREST TREELINE
- STREAM BUFFER
- NTW—NTW—NTW— WETLANDS
- WB—WB—WB— 40'-100' WETLANDS BUFFER

CAUTION: IF THIS DRAWING IS A REDUCTION,  
GRAPHIC SCALE MUST BE USED  
(ORIGINAL SIZE = 24" x 36")

**GRAPHIC SCALE**



**OWNER/DEVELOPER/APPLICANT:**  
THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION  
MONTGOMERY COUNTY DEPARTMENT OF PARKS  
9500 BRUNETT AVENUE  
SILVER SPRING, MARYLAND 20901  
ATTN: KIMBERLY PANIATI  
PHONE: 301.495.2465  
kimberly.paniati@montgomeryparks.org

Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect	Checked By:
Date	
Architect	Checked By:
Date	
Engineer	Checked By:
Date	
Drawn by	Checked By:
Date	

**NORTON LAND DESIGN**  
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
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(301) 495-2535

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**SITE PLAN**  
SCALE: AS SHOWN Liber 05738 Folio 0055

L-2.5

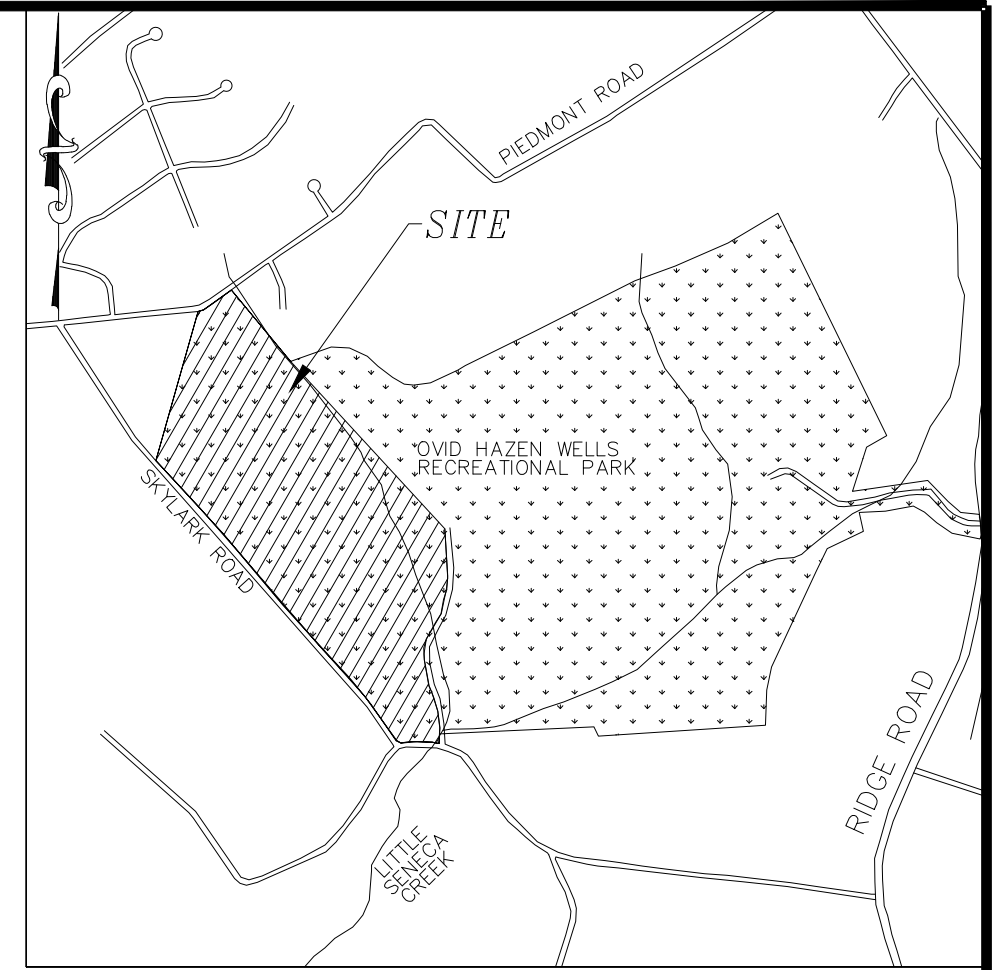
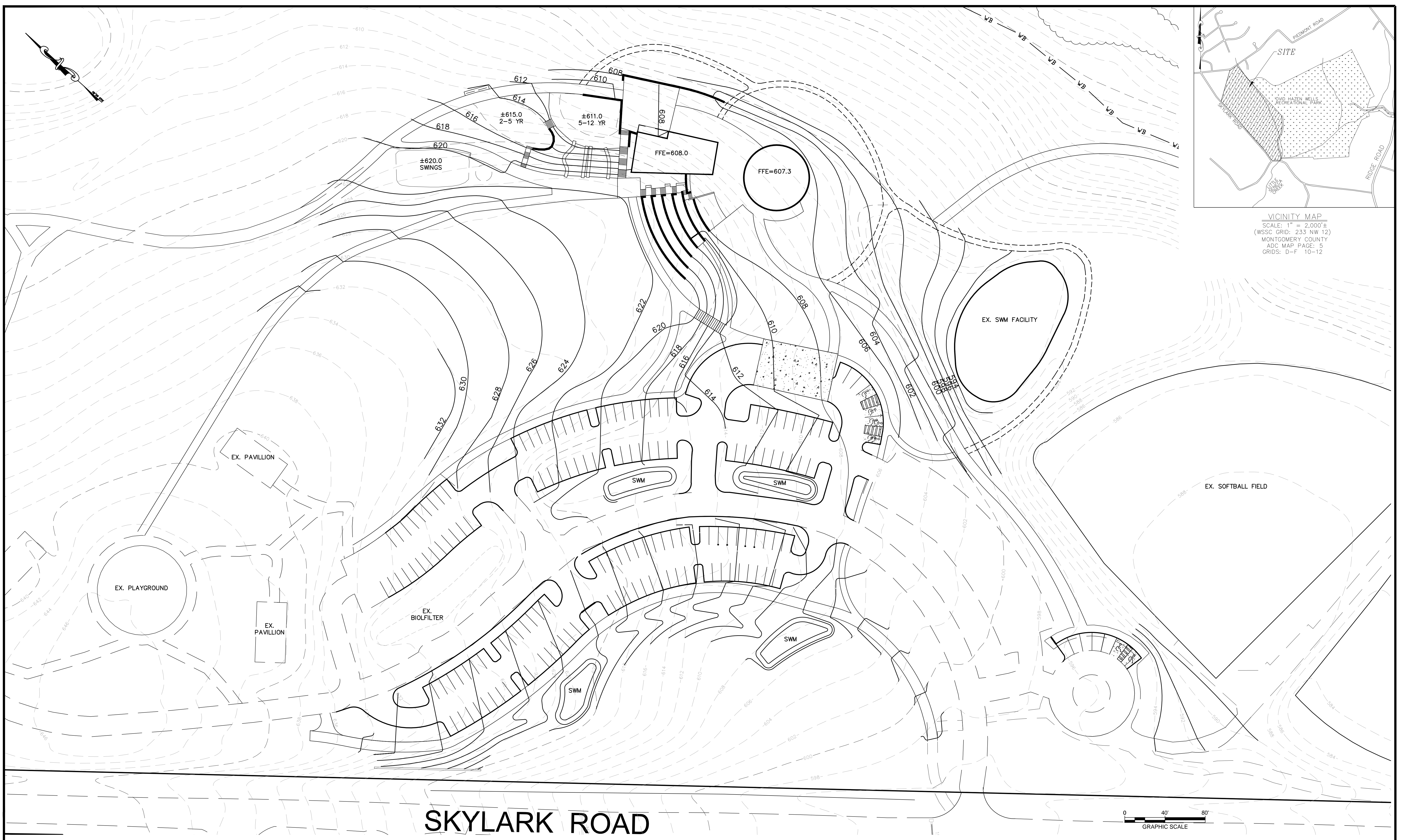
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PLAN SCANNED:

PARK CODE: C10

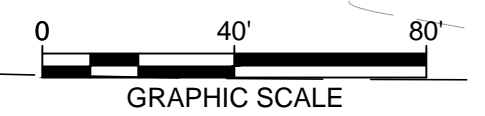
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J:\07360.02 - Ovid Hazen Wells Park\CAD\img\base files\X-87360.02-BASESHEET-ALT.dwg Layout1



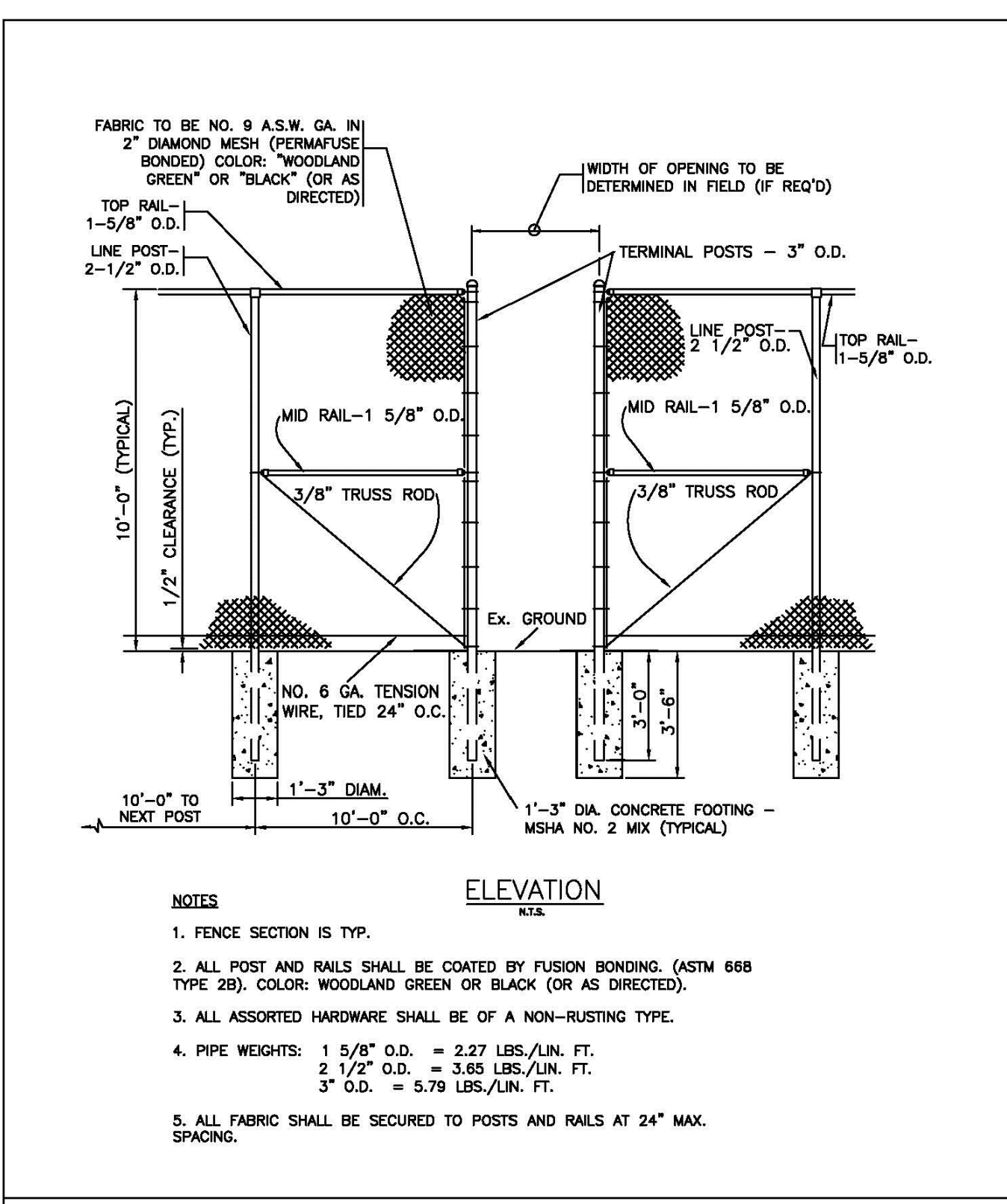
VICINITY MAP  
 SCALE: 1" = 2,000'±  
 (WSSC GRID: 233 NW 12)  
 MONTGOMERY COUNTY  
 ADC MAP PAGE: 5  
 GRIDS: D-F 10-12

# SKYLARK ROAD

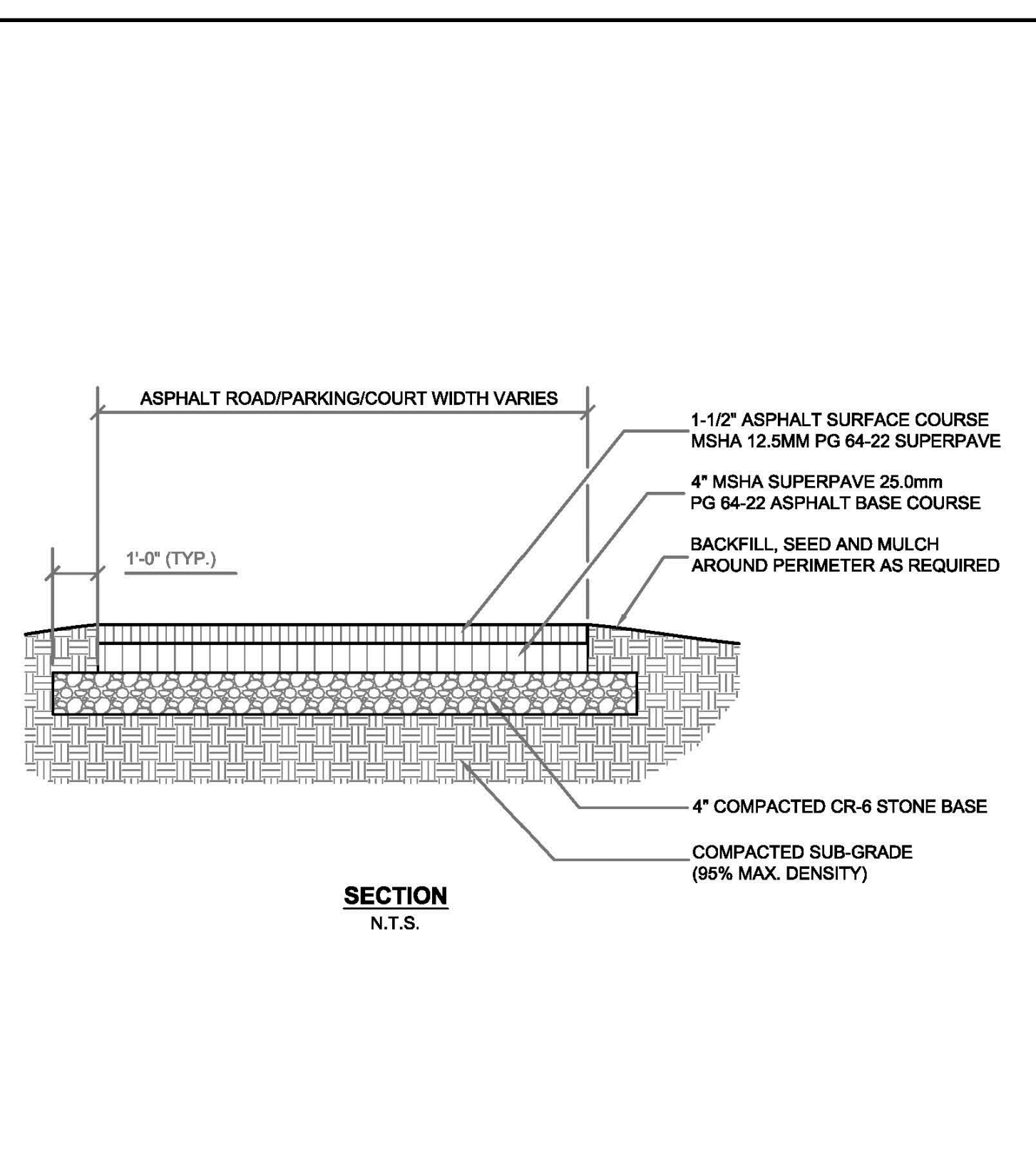


DESIGN		 Nobis Engineering, Inc. 20410 Century Boulevard, Suite 200 Germantown, MD 20874 (301) 528-2010 www.nobiseng.com Client - Focused, Employee - Owned	Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland. License No. _____ Expiration Date _____	 NORTON LAND DESIGN LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING 17020 WOODHARBOUR AVENUE, SUITE 101 SILVER SPRING, MD 20910 P: 301.342.2338 F: 246.342.2832 WWW.NORTONLANDDESIGN.COM	 <b>The Maryland-National Capital Park and Planning Commission</b> Montgomery County Department of Parks 9500 Brunnet Avenue Silver Spring, Maryland 20901 (301) 495-2535			<b>OVID HAZEN WELLS PARK</b> PHASE 1 ALTERNATE SITE PLAN 1" = 40'      05738      0055	<h2>L-2.6</h2>
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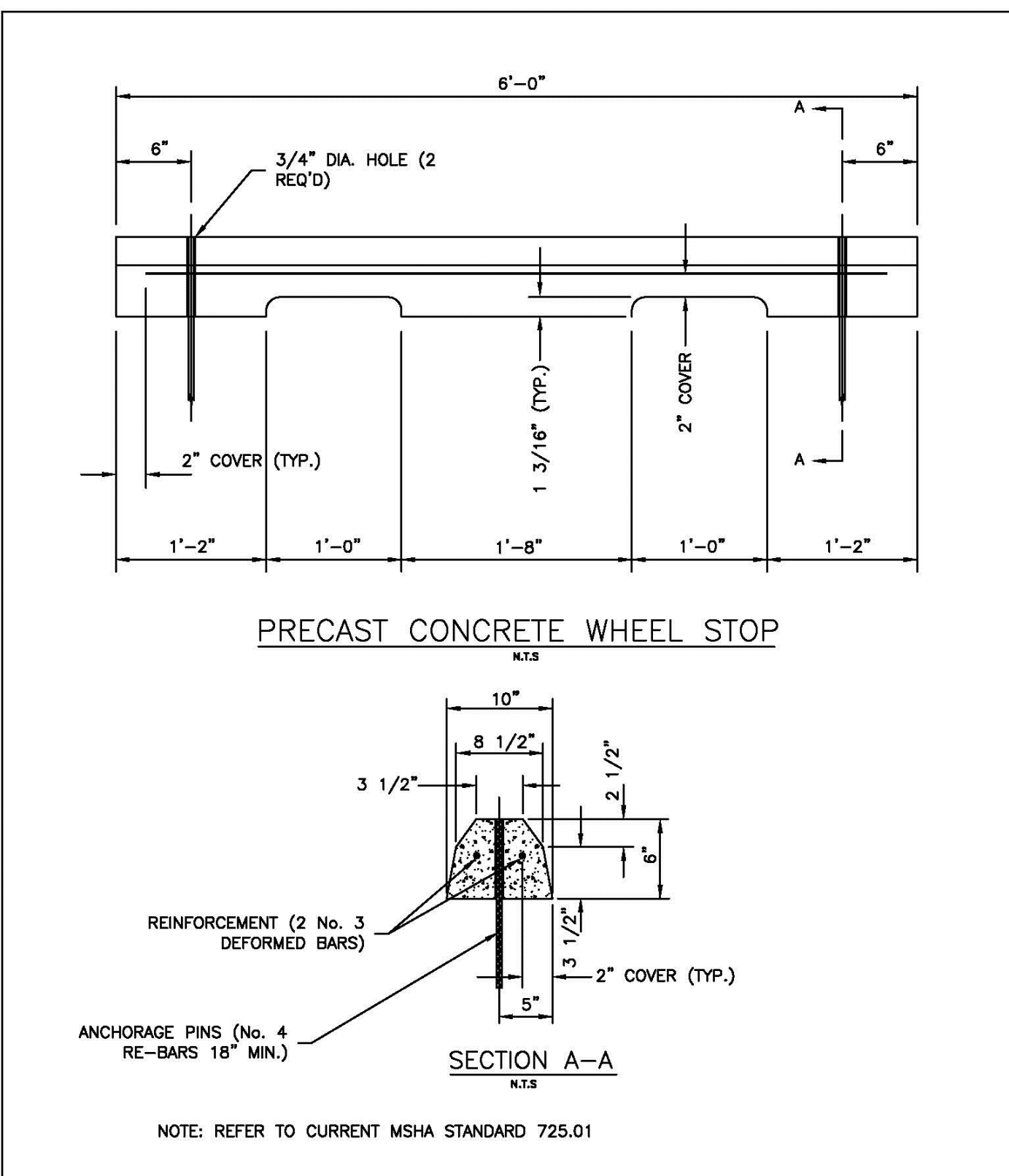
PARK CODE: C10 PLAN SCANNED: FINAL SCANNED:



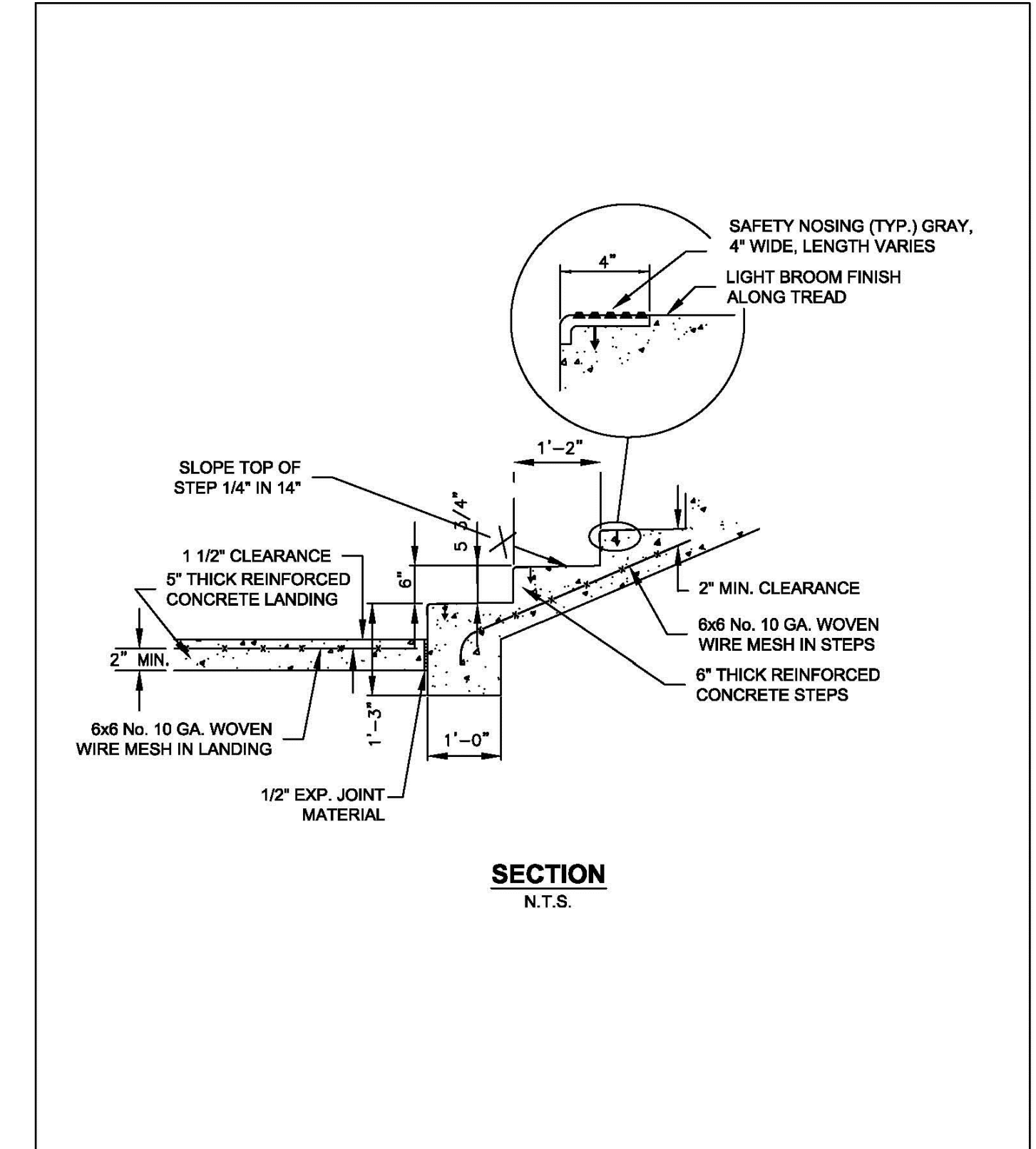
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	OUTFIELD CHAIN LINK FENCE (10'-0" HIGH)		109
SUPERINTENDENT OF PARKS				



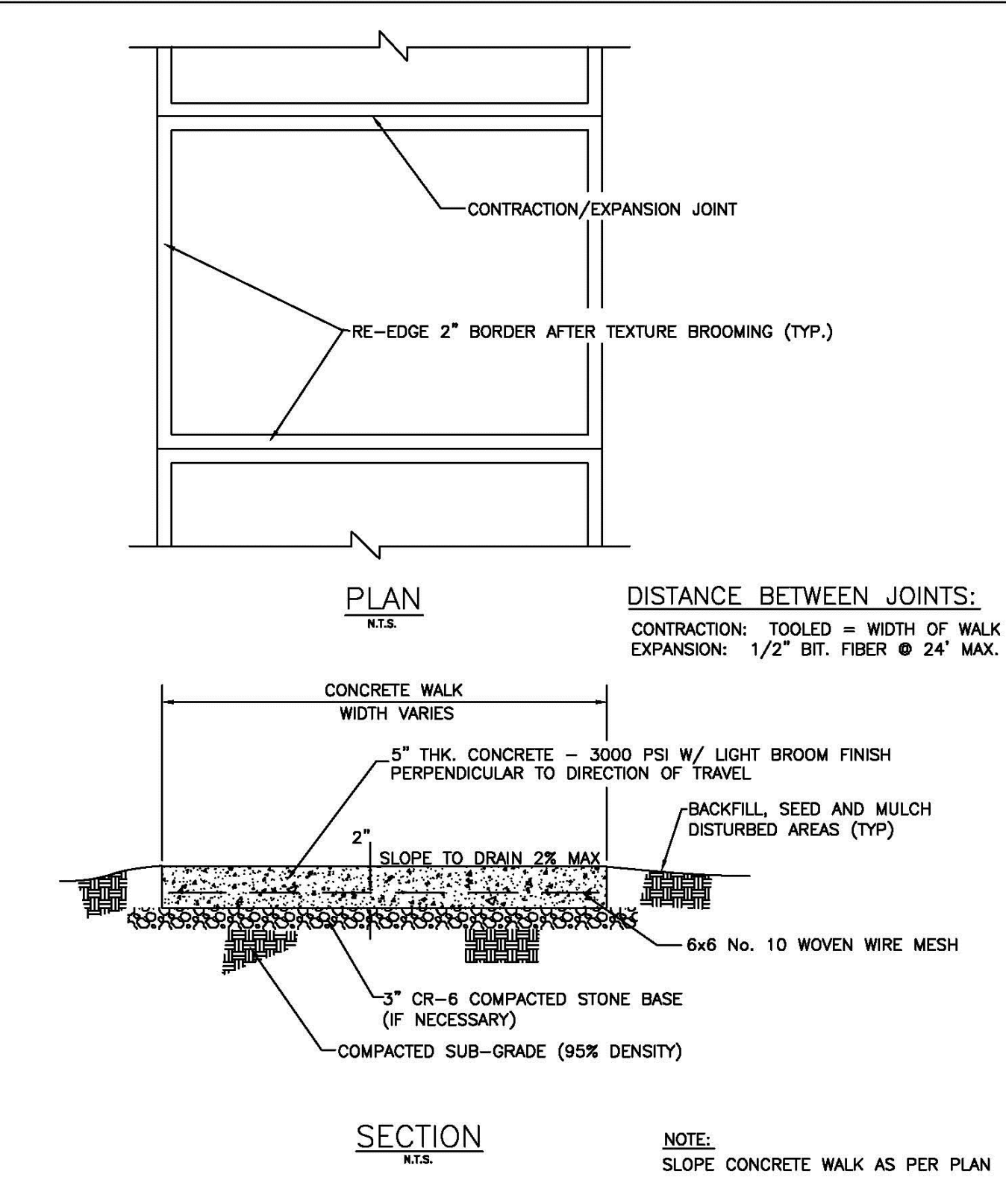
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	PARKING and BASKETBALL COURT PAVEMENT		301
SUPERINTENDENT OF PARKS				



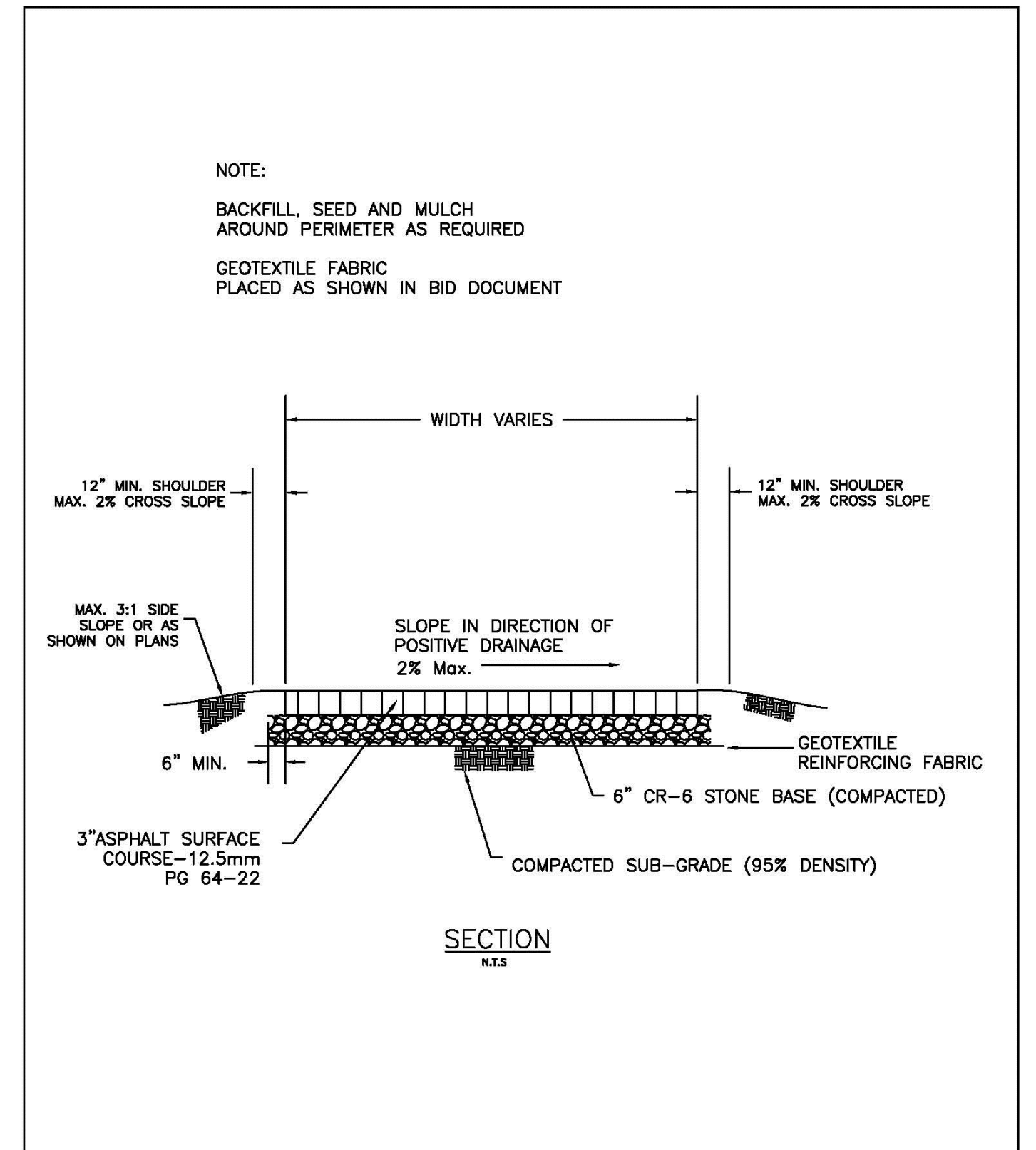
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	CONCRETE WHEEL STOP		303
SUPERINTENDENT OF PARKS				



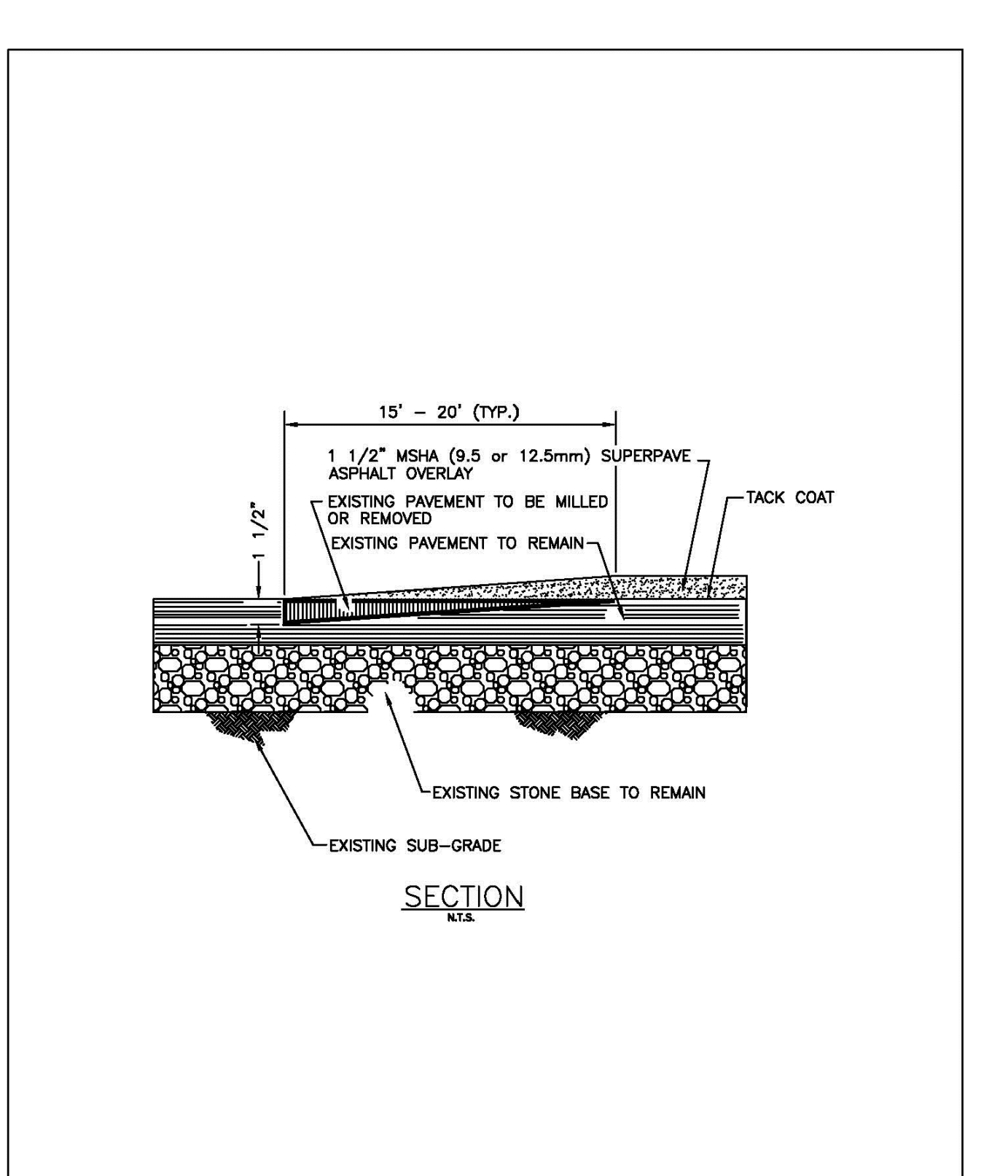
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	CONCRETE STEPS (ON GRADE)		309
SUPERINTENDENT OF PARKS				



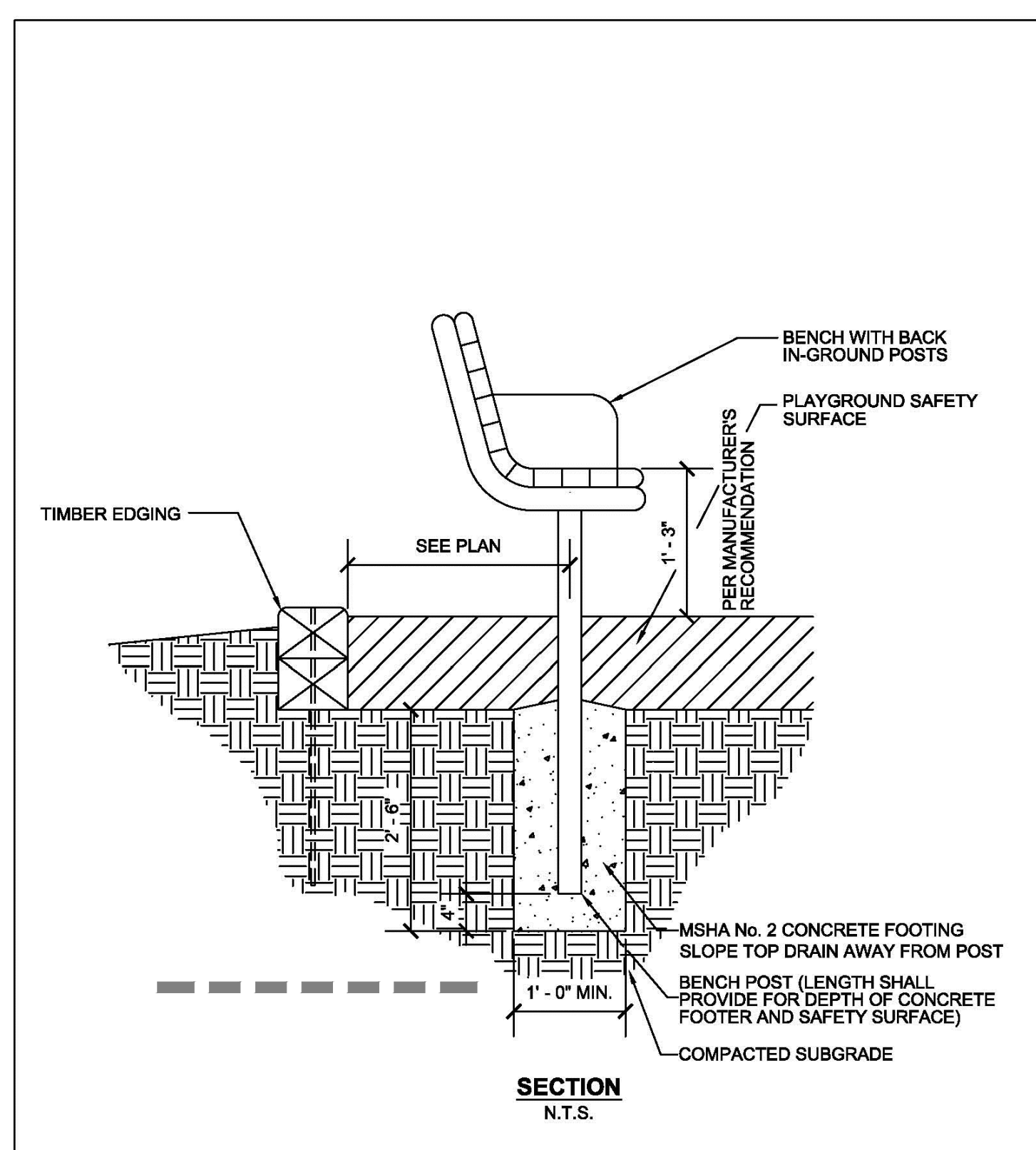
THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	CONCRETE WALK		311
SUPERINTENDENT OF PARKS				



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	HIKER/BIKER TRAIL PAVEMENT SECTION		313
SUPERINTENDENT OF PARKS				



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	ASPHALT PAVEMENT TIE-IN NOTCH DETAIL		319
SUPERINTENDENT OF PARKS				



THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION Department of Park and Planning, Montgomery County, Maryland		REVISED	DATE	STANDARD NO.
PARK DEVELOPMENT DIVISION 8000 BRUNETT AVENUE SILVER SPRING, MD 20901	DATE APPROVED _____ CHIEF ENGINEER	BENCH FOOTING		
SUPERINTENDENT OF PARKS				

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Designer's Name	Landscape Architect	Checked By	
Address	Architect	Checked By	
City/State/Zip	Engineer	Checked By	
Telephone Number	Drawn by	Checked By	

**NORTON LAND DESIGN**  
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
P. 240.342.2329 F. 240.342.2632 WWW.NORTONLANDDESIGN.COM

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

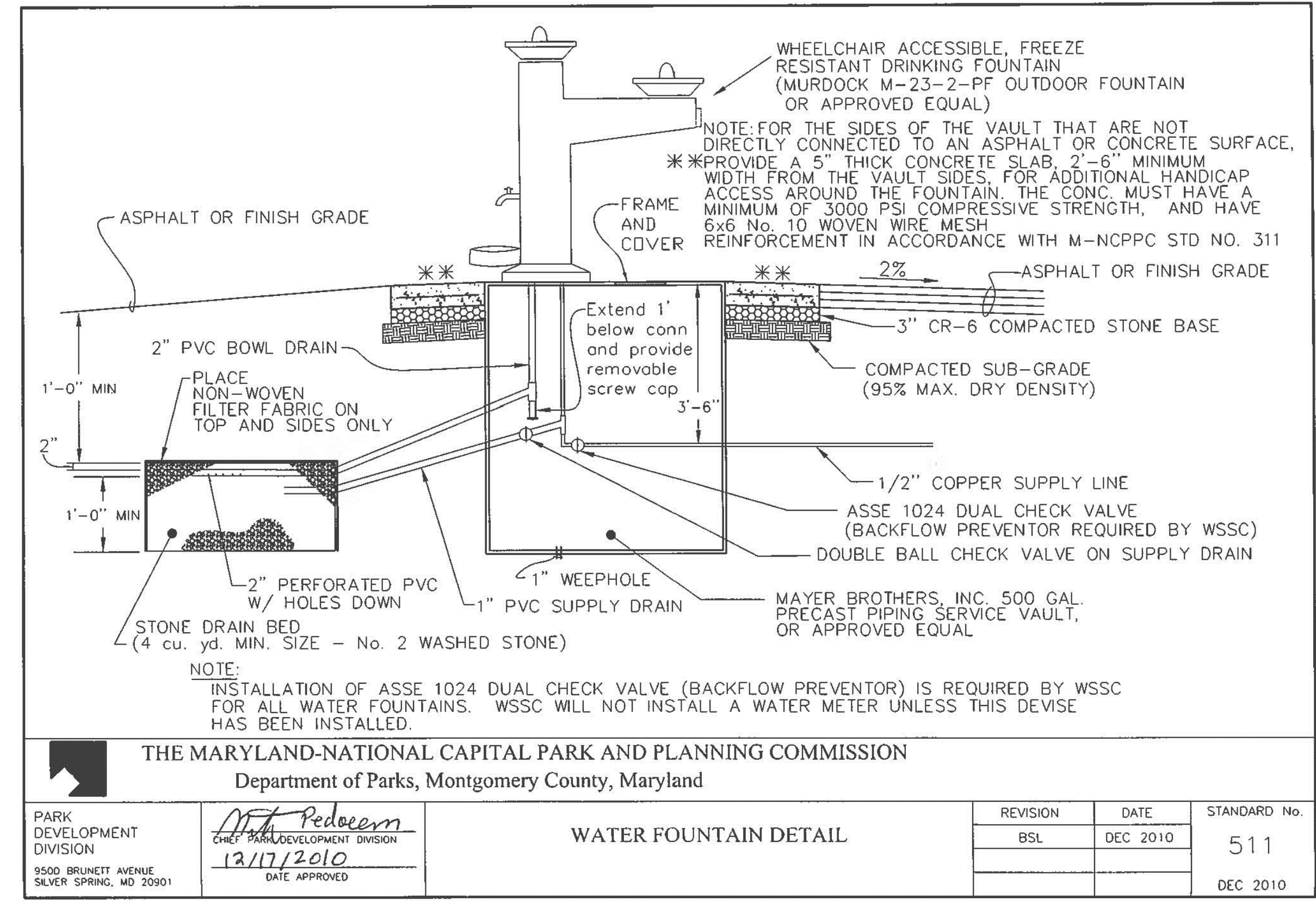
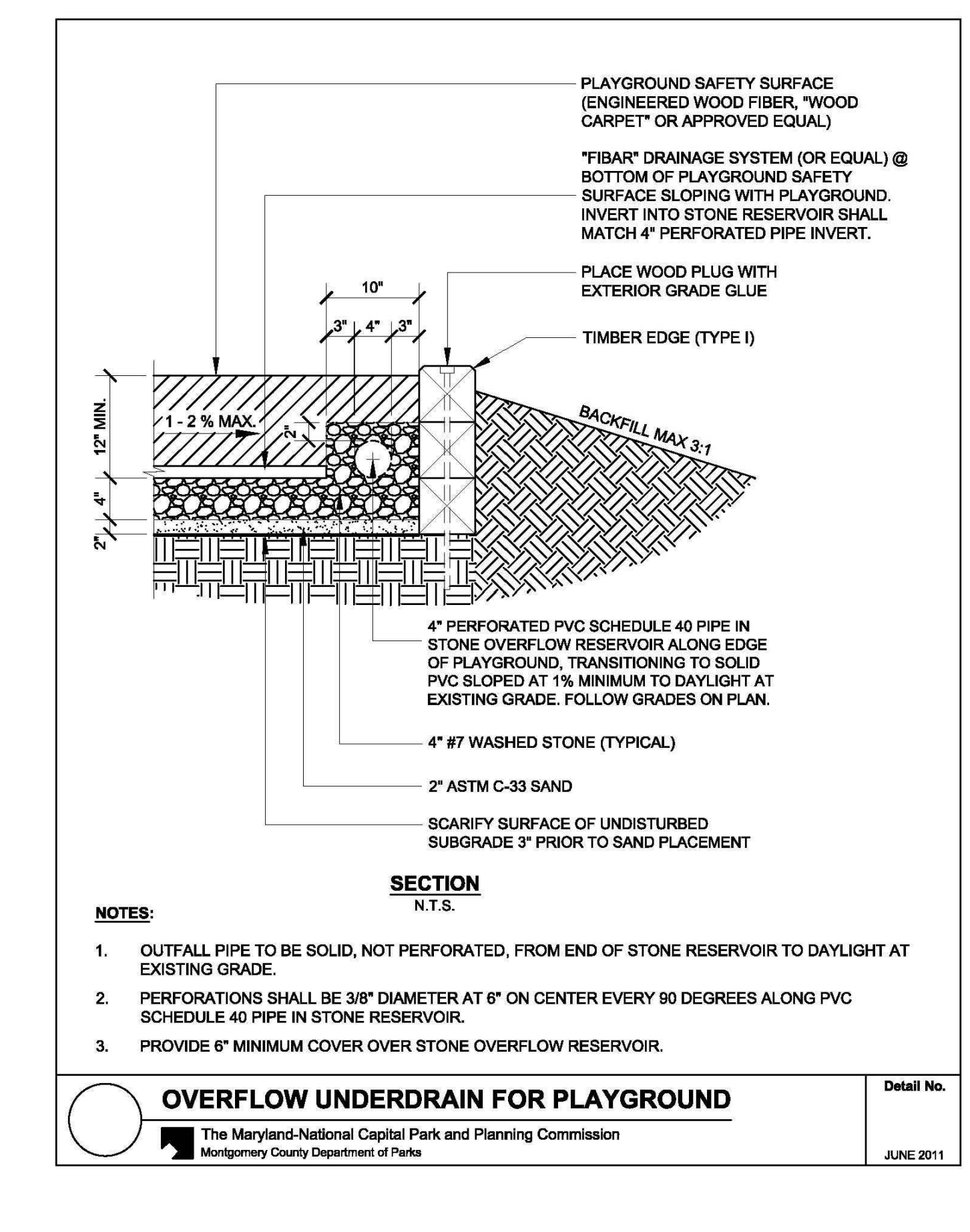
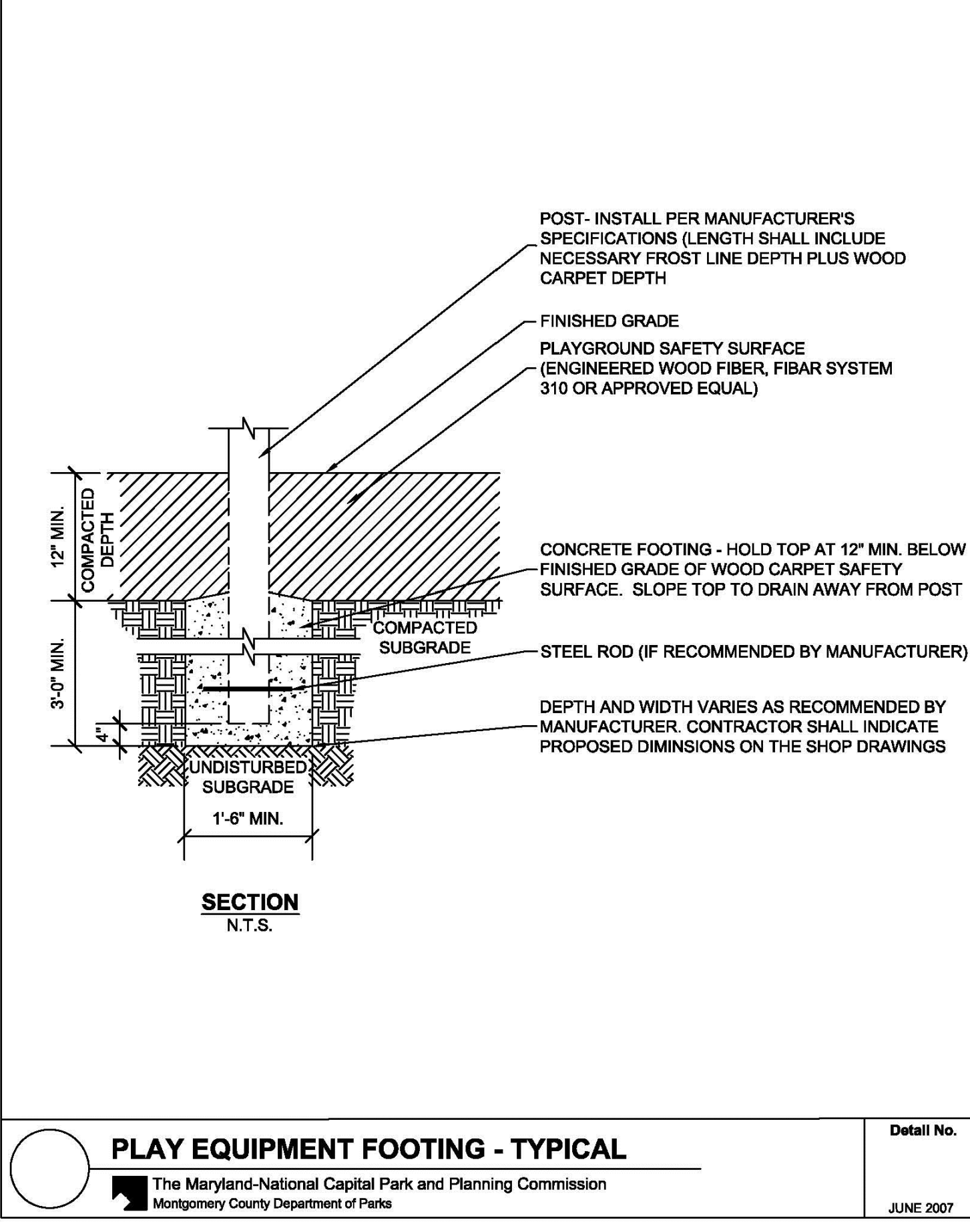
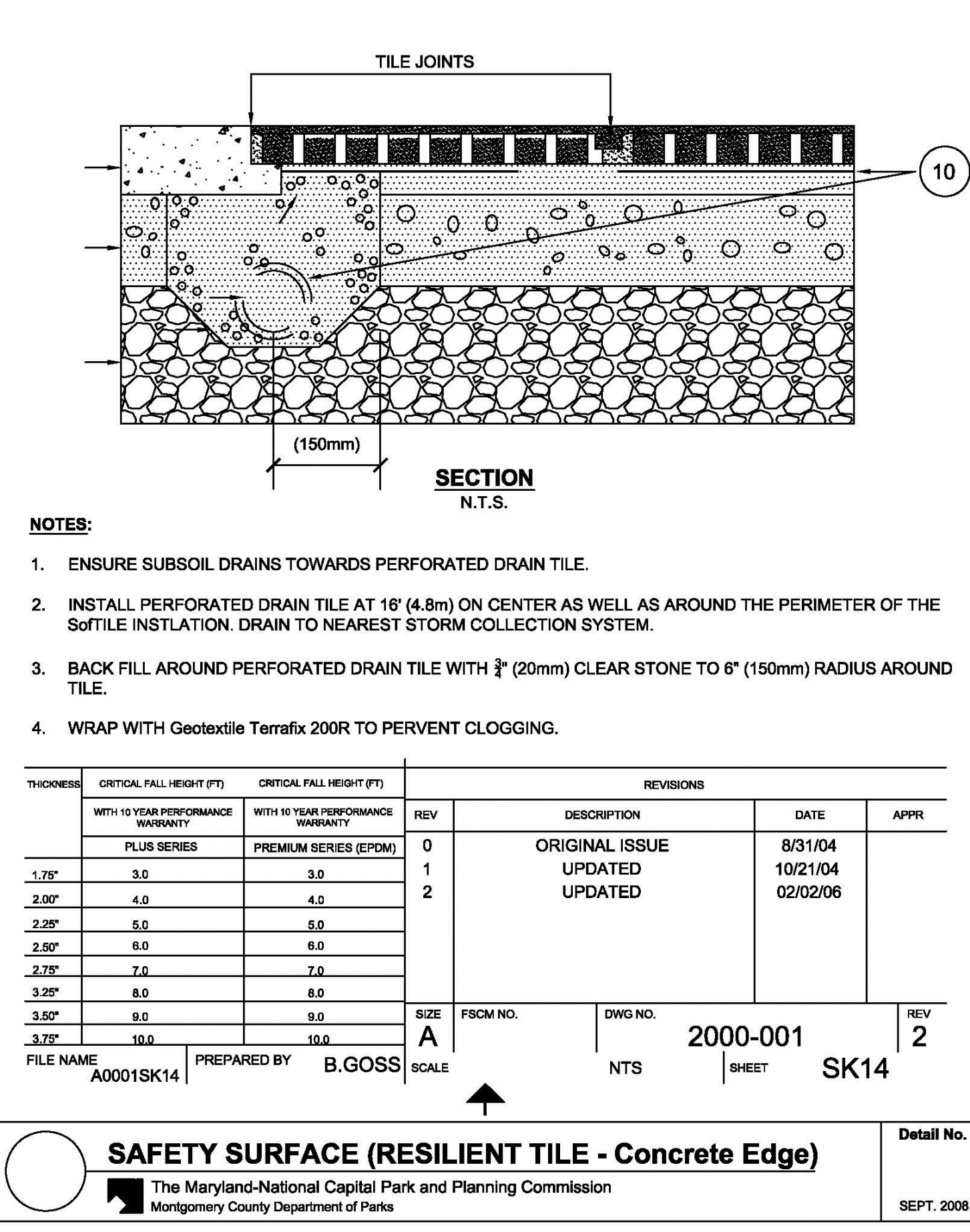
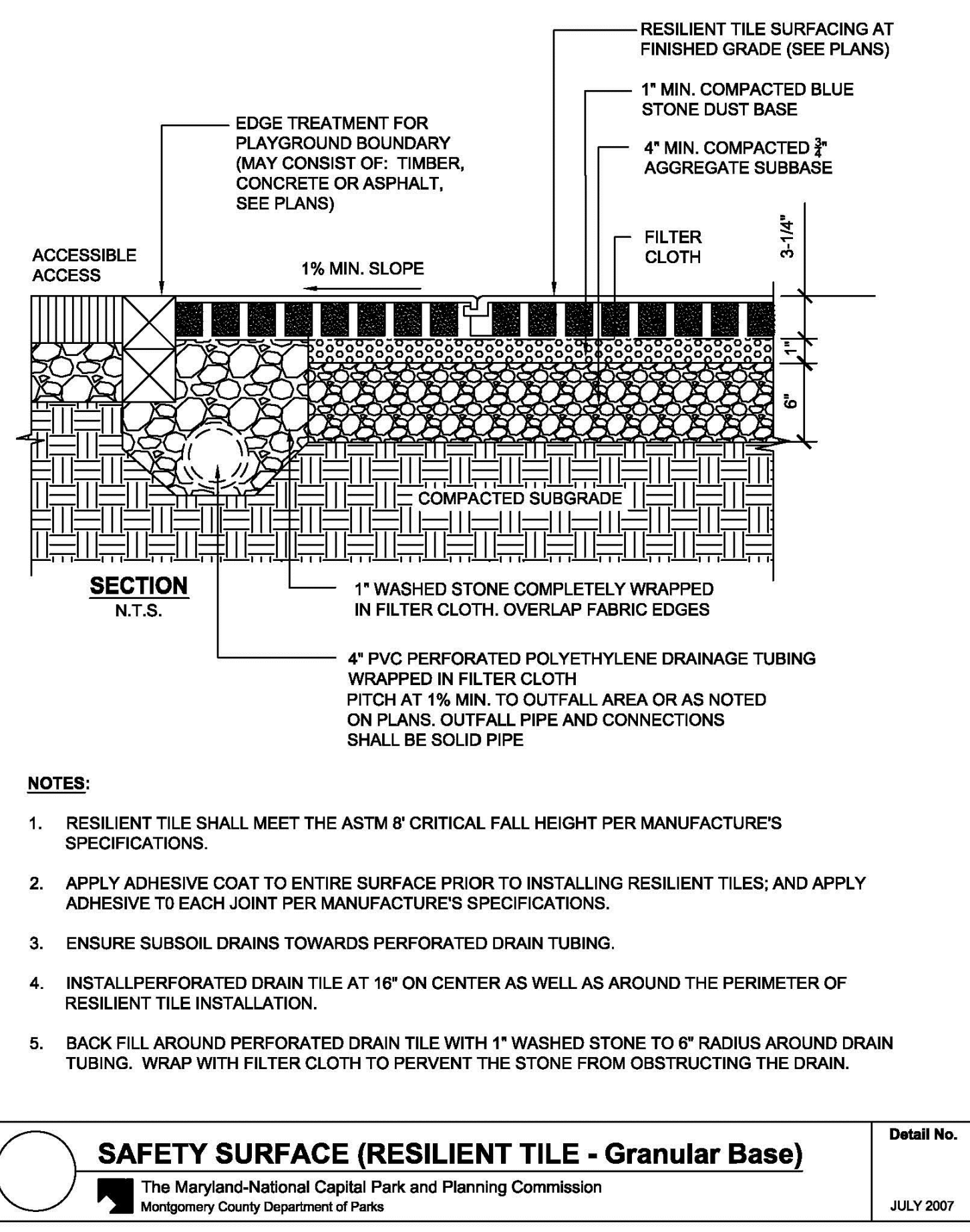
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**SITE NOTES**  
**AND DETAILS**  
SCALE: AS SHOWN Liber 05738 Folio 0055

L-2.7

PARK CODE: C10 PLAN SCANNED: FINAL SCANNED:



K:\HD PROJECTS\15-010 DRAWINGS\DWG SP-PRICE.dwg L-2.8 Plotted By: Michael Norton, 9/10/2015 3:20 PM.

DESIGN	
Designer's Name	Landscape Architect
Address	Checked By:
City/State/Zip	Checked By:
Telephone Number	Checked By:

**NORTON LAND DESIGN**  
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
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REVIEW AND APPROVAL		ISSUED FOR PROCUREMENT ON	
Project Manager	Date	Rev. No.	Date
Construction Manager	Date		
Park Manager	Date		

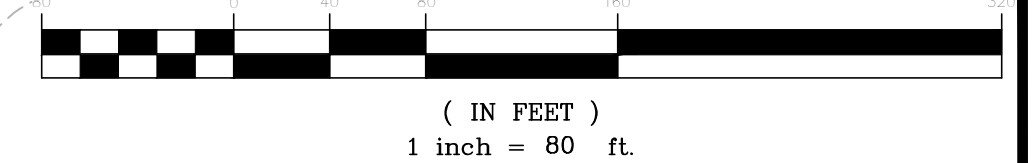
**OVID HAZEN WELLS PARK  
SITE NOTES  
AND DETAILS**

SCALE: AS SHOWN Liber 05738 Folio 0055

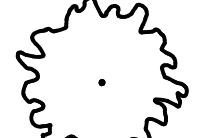
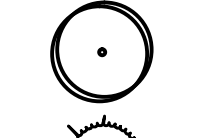
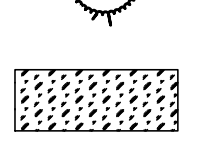

L-2.8

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GRAPHIC SCALE MUST BE USED  
(ORIGINAL SIZE = 24" x 36")

GRAPHIC SCALE



**LEGEND**

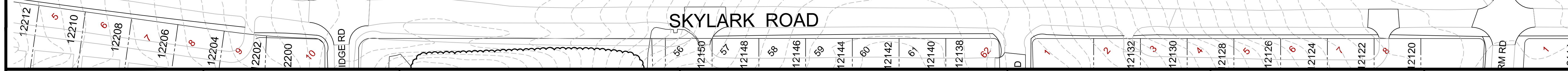
-  PROP. CANOPY TREE  
2.5" CALIPER
-  PROP. ORNAMENTAL TREE  
6'-7' HEIGHT
-  PROP. EVERGREEN TREE  
6'-7' HEIGHT
-  STORMWATER MANAGEMENT  
PERENNIALS & ORNAMENTAL  
GRASSES 1 GALLON  
CONTAINER AT 24" O.C.

NOTE: ALL DISTURBED AREAS ARE TO BE SEEDED & MULCHED

FINAL SCANNED: PLAN SCANNED: C10 PARK CODE: C10



OWNER/DEVELOPER/APPLICANT:  
THE MARYLAND-NATIONAL CAPITAL  
PARK AND PLANNING COMMISSION  
MONTGOMERY COUNTY DEPARTMENT OF PARKS  
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SILVER SPRING, MARYLAND 20901  
ATTN: KIMBERLY PANIATI  
PHONE: 301.495.2465  
kimberly.paniati@montgomeryparks.org



Designer's Name	_____
Address	_____
City/State/Zip	_____
Telephone Number	_____

DESIGN	
Landscape Architect Date	Checked By: _____
Architect Date	Checked By: _____
Engineer Date	Checked By: _____
Drawn by Date	Checked By: _____

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(301) 495-2535

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**LANDSCAPE PLAN**  
SCALE: AS SHOWN Liber 05738 Folio 0055

**L-3.1**

K:\HD\PROJECTS\15-010\DRAWINGS\DWG SP-PRICE.dwg L-3.1 Plotted By: Michael Norton, 7/3/2015 1:22 PM

FINAL SCANNED:

PLAN SCANNED: C10

Plotted By: Michael Norton, 7/3/2015 2:23 PM

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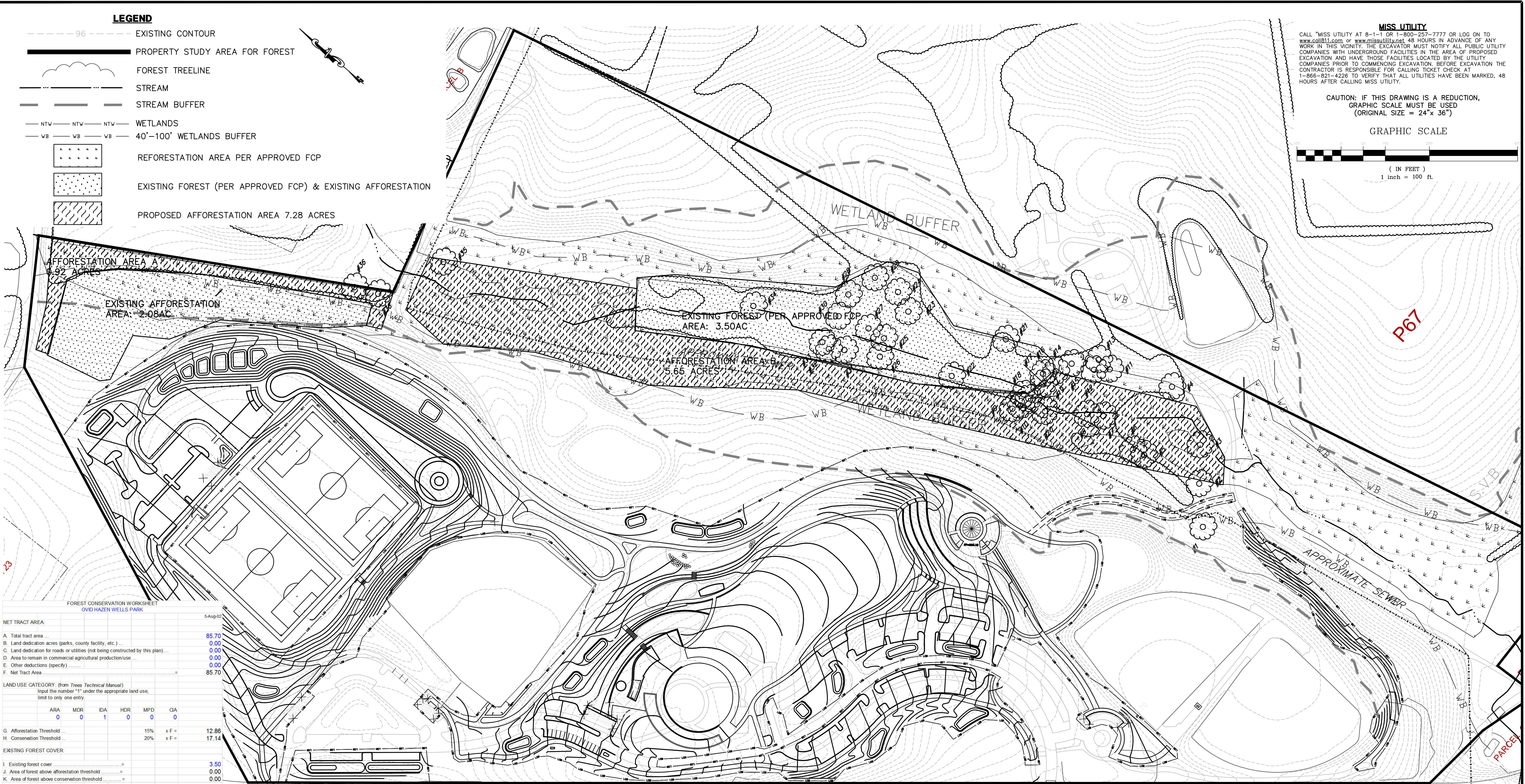
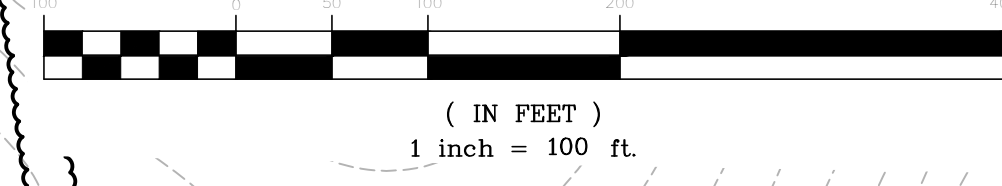
**LEGEND**

- 96 --- EXISTING CONTOUR
- PROPERTY STUDY AREA FOR FOREST
- FOREST TREELINE
- STREAM
- STREAM BUFFER
- NTV --- NTV --- NTV --- WETLANDS
- VB --- VB --- VB --- 40'-100' WETLANDS BUFFER
- [Pattern] REFORESTATION AREA PER APPROVED FCP
- [Pattern] EXISTING FOREST (PER APPROVED FCP) & EXISTING AFFORESTATION
- [Pattern] PROPOSED AFFORESTATION AREA 7.28 ACRES

**MISS UTILITY**  
 CALL "MISS UTILITY" AT 8-1-1 OR 1-800-257-7777 OR LOG ON TO  
 www.cdl811.com or www.missutility.net 48 HOURS IN ADVANCE OF ANY  
 WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY  
 COMPANIES WITH UNDERGROUND FACILITIES IN THE AREA OF PROPOSED  
 EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY  
 COMPANIES PRIOR TO COMMENCING EXCAVATION. BEFORE EXCAVATION THE  
 CONTRACTOR IS RESPONSIBLE FOR CALLING TICKET CHECK AT  
 1-866-821-4226 TO VERIFY THAT ALL UTILITIES HAVE BEEN MARKED, 48  
 HOURS AFTER CALLING MISS UTILITY.

CAUTION: IF THIS DRAWING IS A REDUCTION,  
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 (ORIGINAL SIZE = 24' x 36')

**GRAPHIC SCALE**



**FOREST CONSERVATION WORKSHEET**  
 OVID HAZEN WELLS PARK

NET TRACT AREA						
A. Total tract area						85.70
B. Land dedication acres (parks, county facility, etc.)						0.00
C. Land dedication for roads or utilities (not being constructed by this plan)						0.00
D. Area to remain in commercial agricultural production/use						0.00
E. Other deductions (specify)						0.00
F. Net Tract Area						85.70

LAND USE CATEGORY: (from Trees Technical Manual)						
Input the number "1" under the appropriate land use, limit to only one entry.						
	ARA	MDR	IDA	HDR	MPD	OIA
G. Afforestation Threshold	0	0	1	0	0	0
H. Conservation Threshold						

EXISTING FOREST COVER		
I. Existing forest cover		3.50
J. Area of forest above afforestation threshold		0.00
K. Area of forest above conservation threshold		0.00

BREAK EVEN POINT:		
L. Forest retention above threshold with no mitigation		0.00
M. Clearing permitted without mitigation		0.00

PROPOSED FOREST CLEARING:		
N. Total area of forest to be cleared		0.00
O. Total area of forest to be retained		3.50

PLANTING REQUIREMENTS:		
P. Reforestation for clearing above conservation threshold		0.00
Q. Reforestation for clearing below conservation threshold		0.00
R. Credit for retention above conservation threshold		0.00
S. Total reforestation required		0.00
T. Total afforestation required		9.36
U. Credit for landscaping (may not exceed 20% of "S")		2.08
V. Total reforestation and afforestation required		7.28

DESIGN	
Designer's Name	Landscape Architect
Date	Checked By:
Address	Architect
City/State/Zip	Date
Telephone Number	Checked By:
	Engineer
	Date
	Checked By:
	Drawn by
	Date
	Checked By:

**NORTON LAND DESIGN**  
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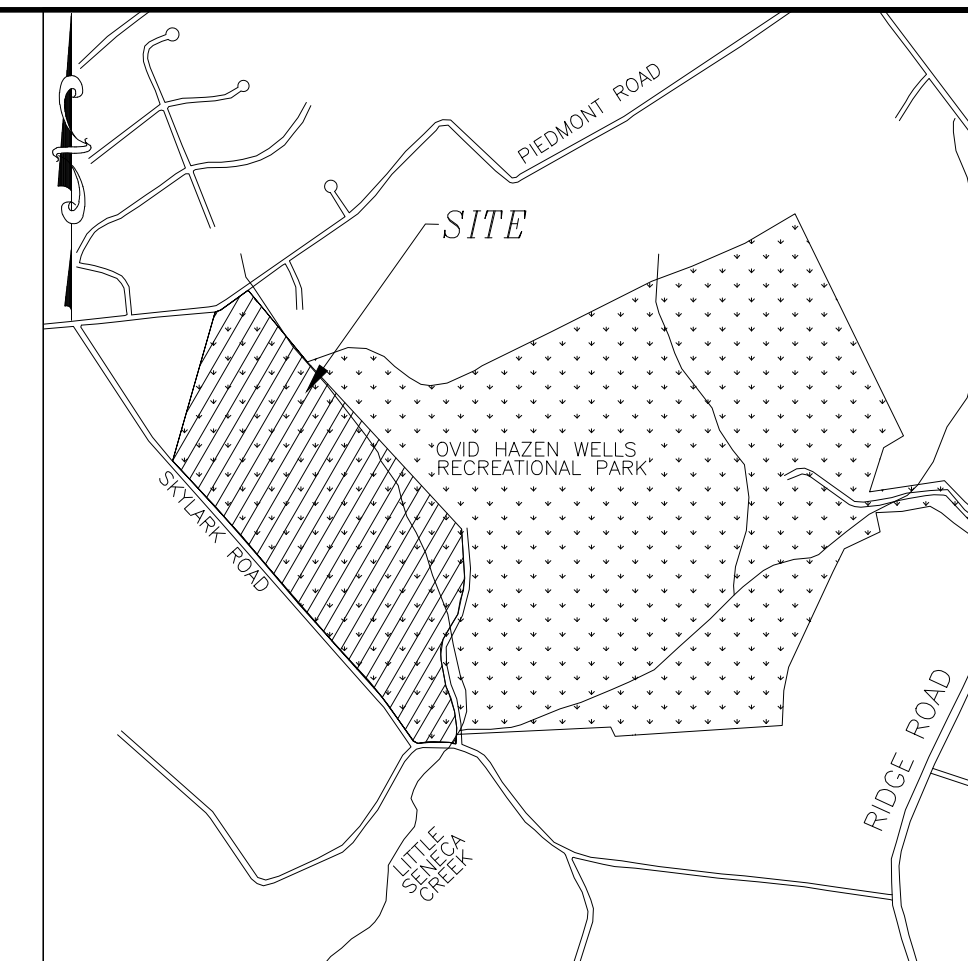
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

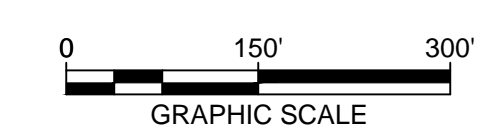
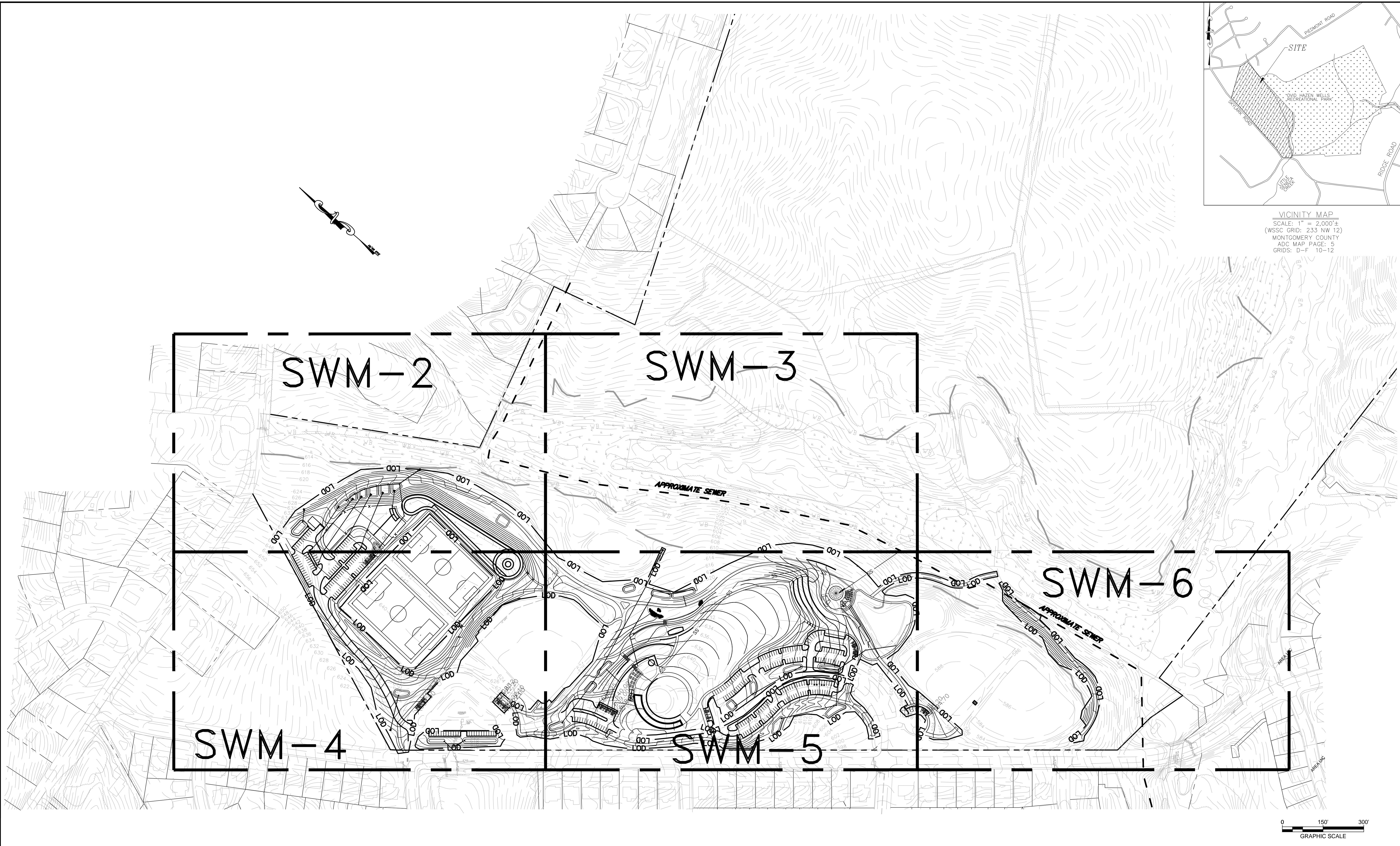
**OVID HAZEN WELLS PARK FOREST CONSERVATION PLAN**  
 SCALE: AS SHOWN Liber 05738 Folio 0055

L-4.1

OWNER/DEVELOPER/APPLICANT:  
 THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
 MONTGOMERY COUNTY DEPARTMENT OF PARKS  
 9500 BRUNETT AVENUE  
 SILVER SPRING, MARYLAND 20901  
 ATTN: KIMBERLY PANIATI  
 PHONE: 301.495.2465  
 kimberly.paniati@montgomeryparks.org



VICINITY MAP  
 SCALE: 1" = 2,000'±  
 (WSSC GRID: 233 NW 12)  
 MONTGOMERY COUNTY  
 ADC MAP PAGE: 5  
 GRIDS: D-F 10-12



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

**NORTON LAND DESIGN**  
 LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
 17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
 P.240.342.2329 F.240.342.2632 WWW.NORTONLANDDESIGN.COM

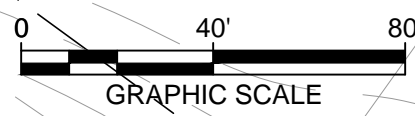
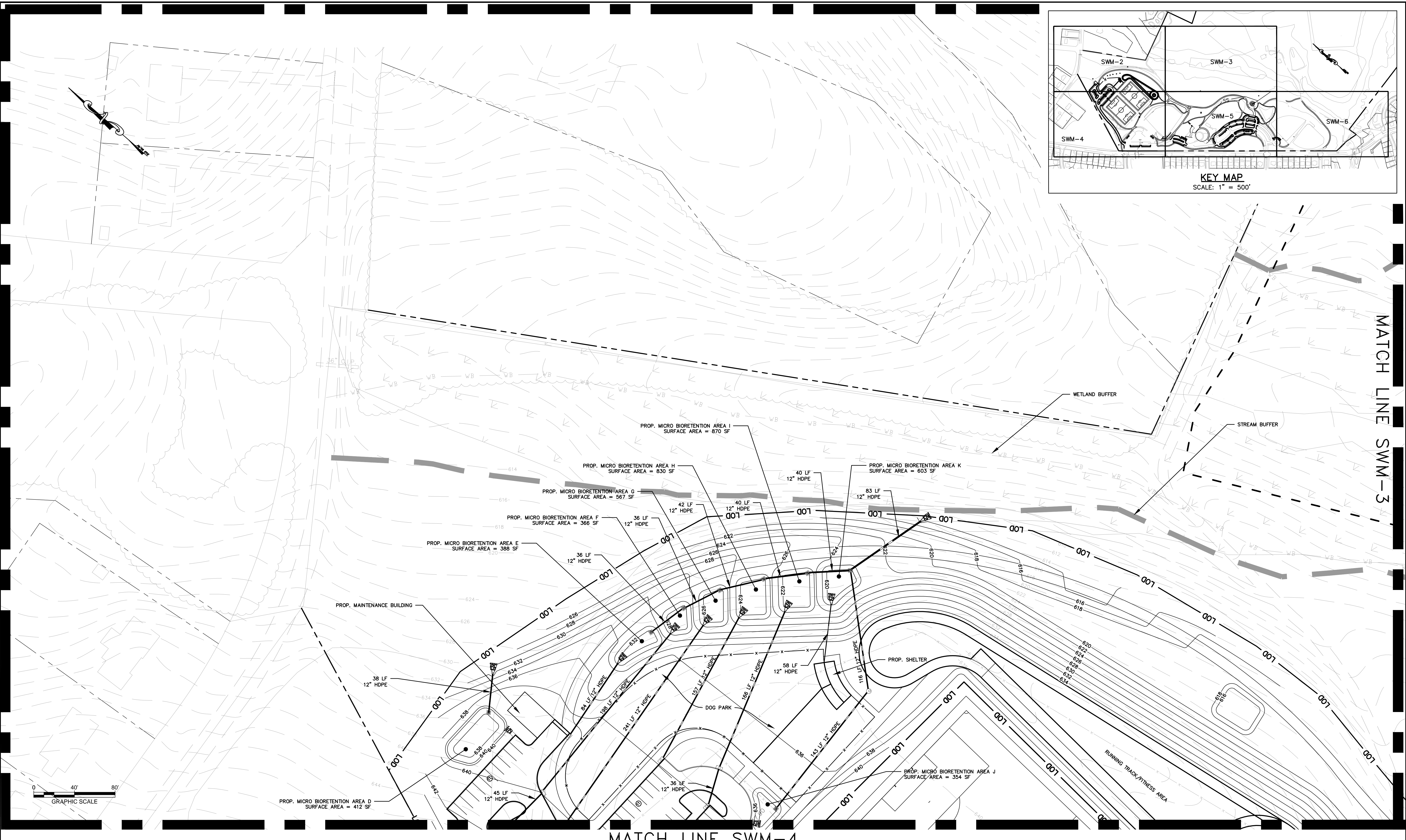
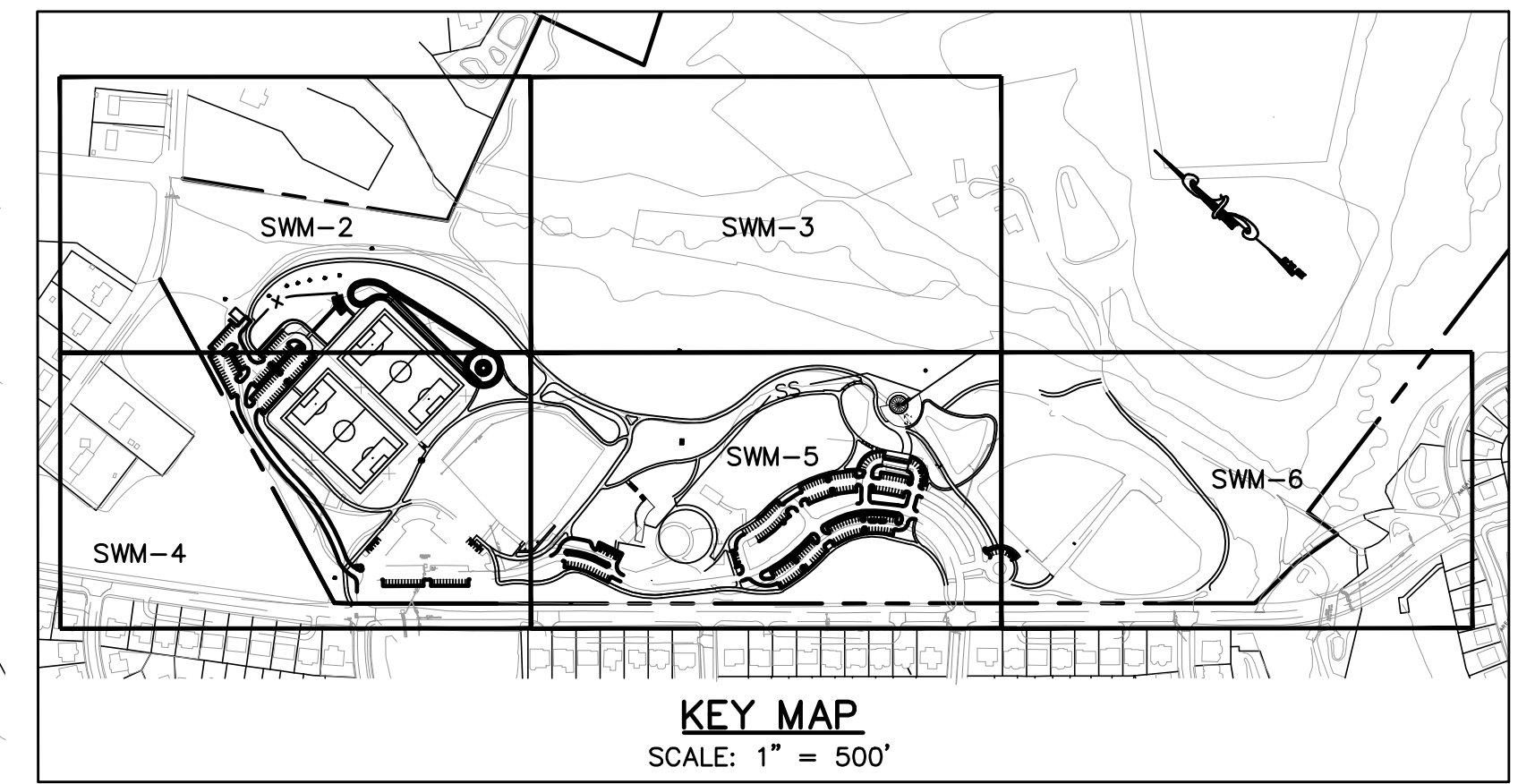
**The Maryland-National Capital Park and Planning Commission**  
 Montgomery County Department of Parks  
 9500 Brunnet Avenue  
 Silver Spring, Maryland 20901  
 (301) 495-2535

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
 OVERALL SWM CONCEPT PLAN  
 Scale: 1"=150' Liber 05738 Folio 0055

**SWM-1**



MATCH LINE SWM-4

MATCH LINE SWM-3

Designer's Name Address City/State/Zip Telephone Number	DESIGN	
	Landscape Architect Date	Checked By:
	Architect Date	Checked By:
	Engineer Date	Checked By:
	Drawn by Date	Checked By:

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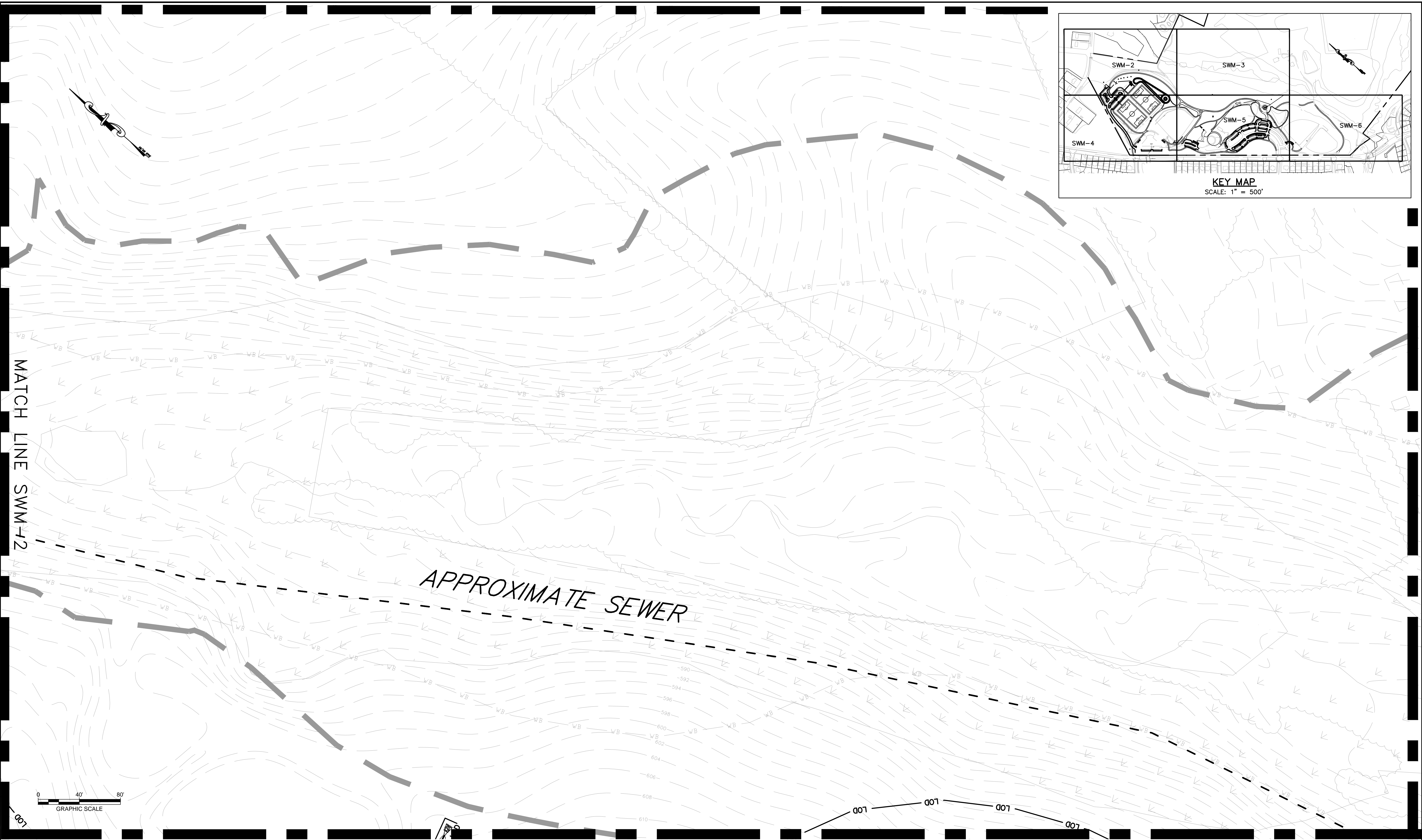
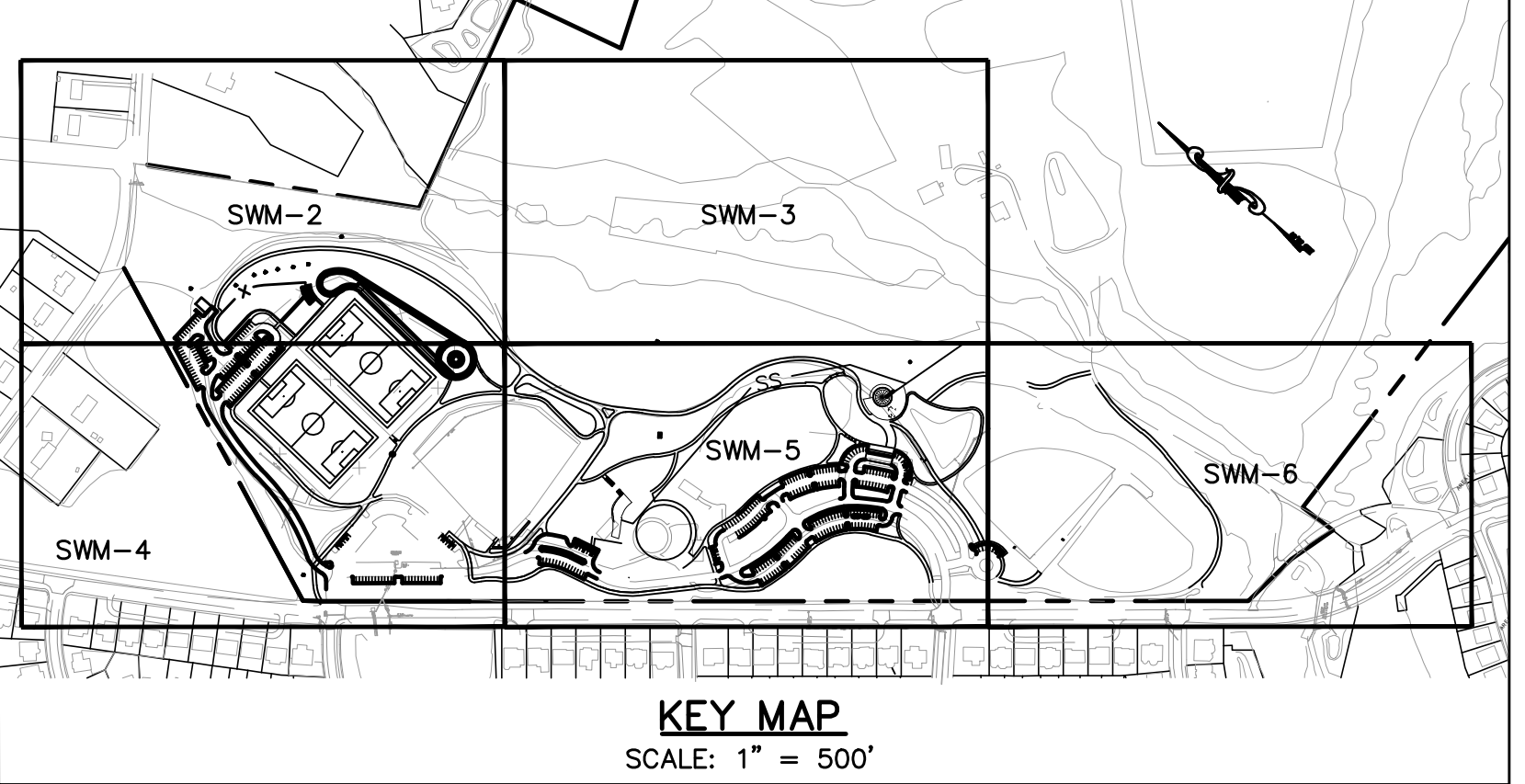
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Montgomery County Department of Parks  
9500 Brunnet Avenue  
Silver Spring, Maryland 20901  
(301) 495-2535

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

**OVID HAZEN WELLS PARK**  
SWM CONCEPT PLAN  
Scale: 1"=40' Liber 05738 Folio 0055

**SWM-2**





Designer's Name  
 Address  
 City/State/Zip  
 Telephone Number

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

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 Montgomery County Department of Parks  
 9500 Brunnet Avenue  
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REVIEW AND APPROVAL	
Project Manager Date	
Construction Manager Date	
Park Manager Date	

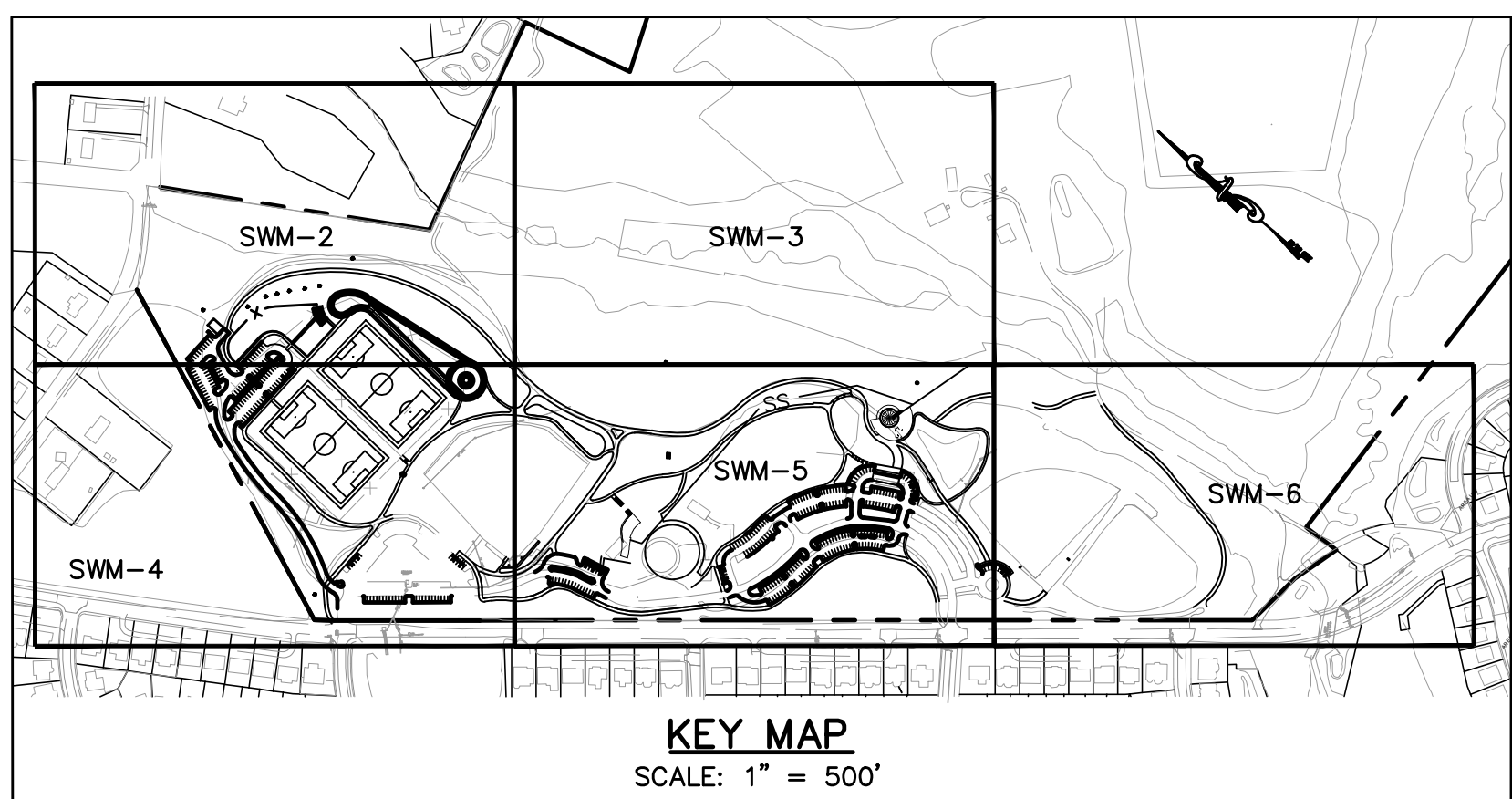
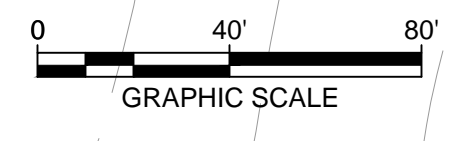
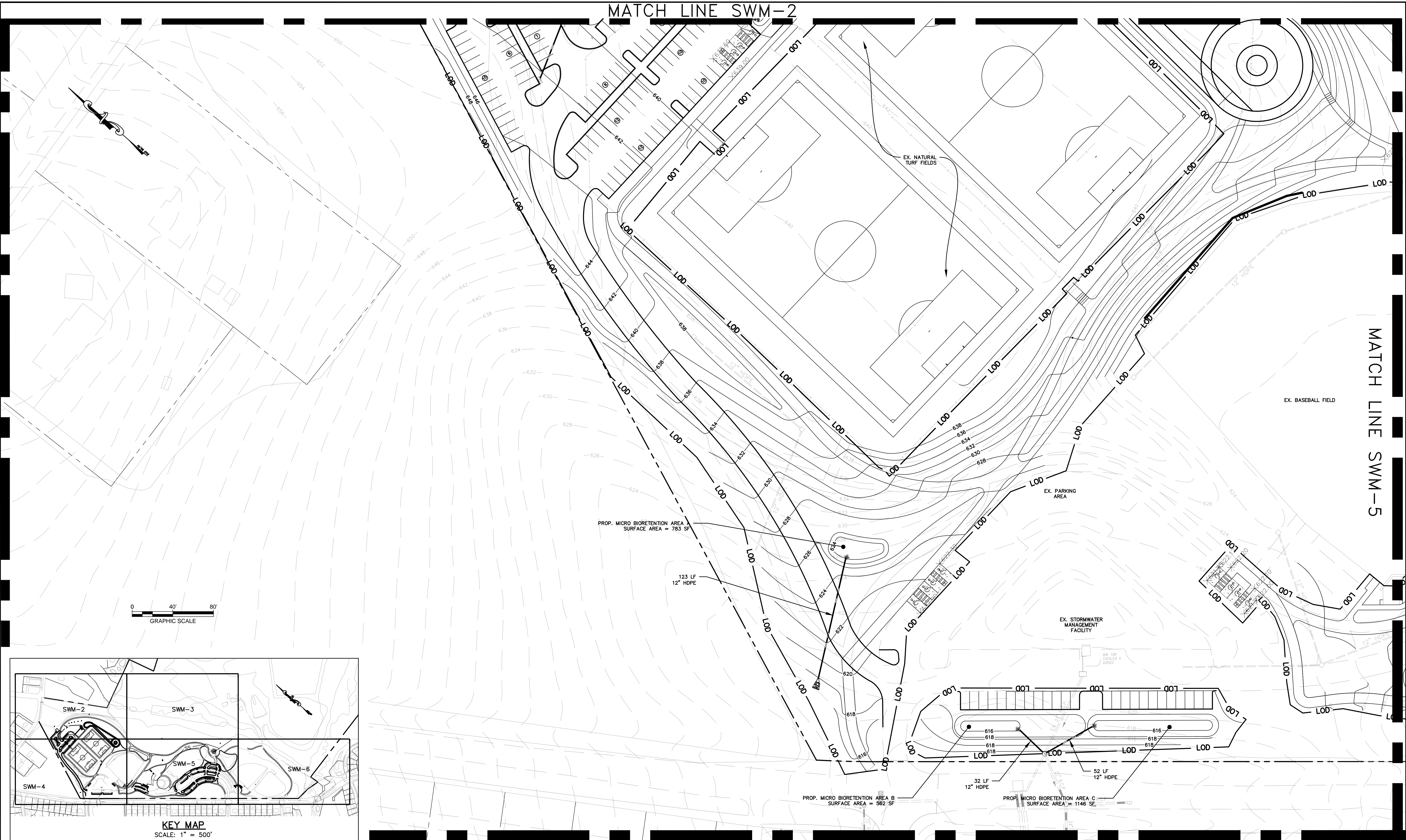
ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
 SWM CONCEPT PLAN  
 Scale: 1"=40' Liber05738 Folio0055

**SWM-3**

MATCH LINE SWM-2

MATCH LINE SWM-5



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

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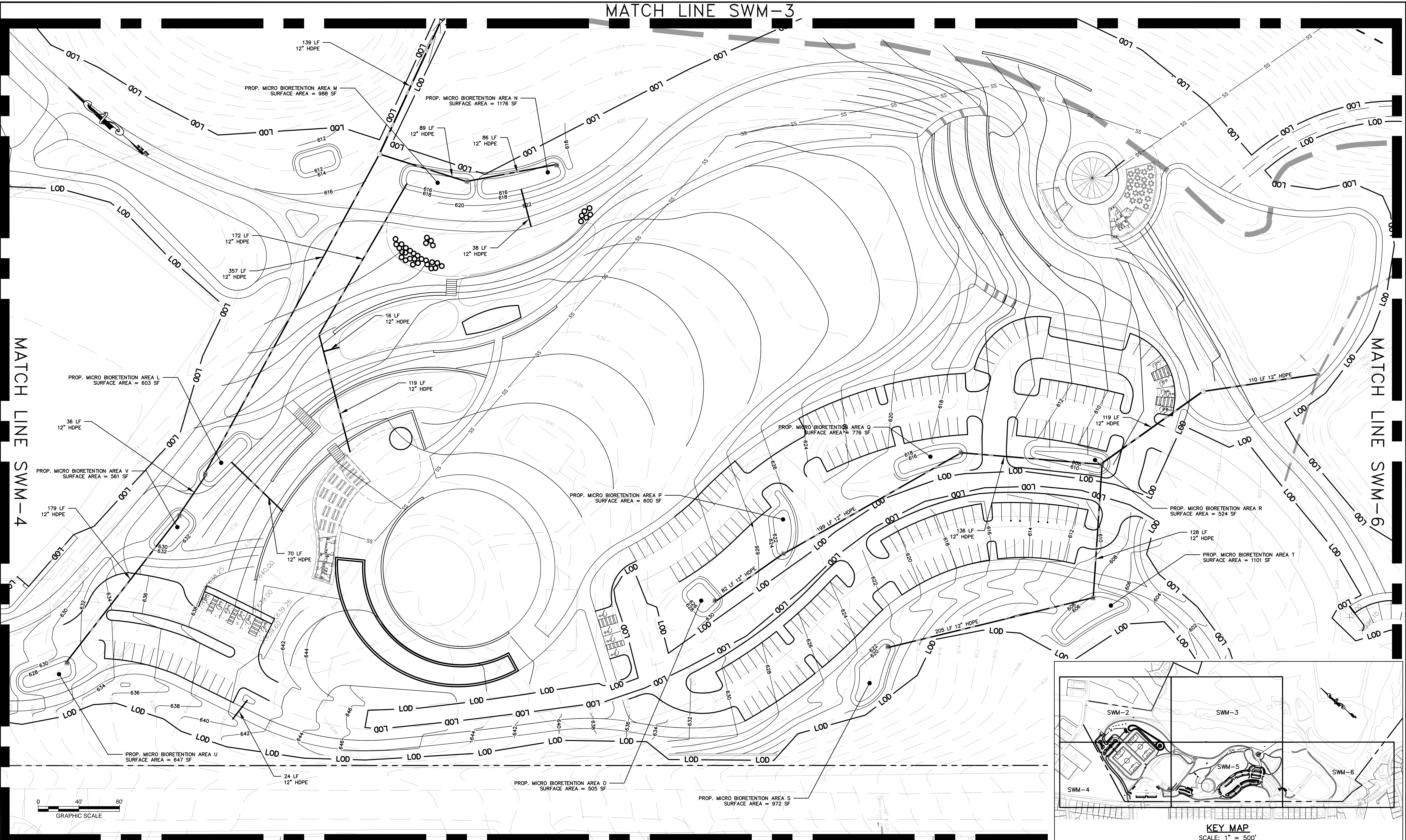
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Montgomery County Department of Parks  
9500 Brunnet Avenue  
Silver Spring, Maryland 20901  
(301) 495-2535

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Project Manager Date	
Construction Manager Date	
Park Manager Date	

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

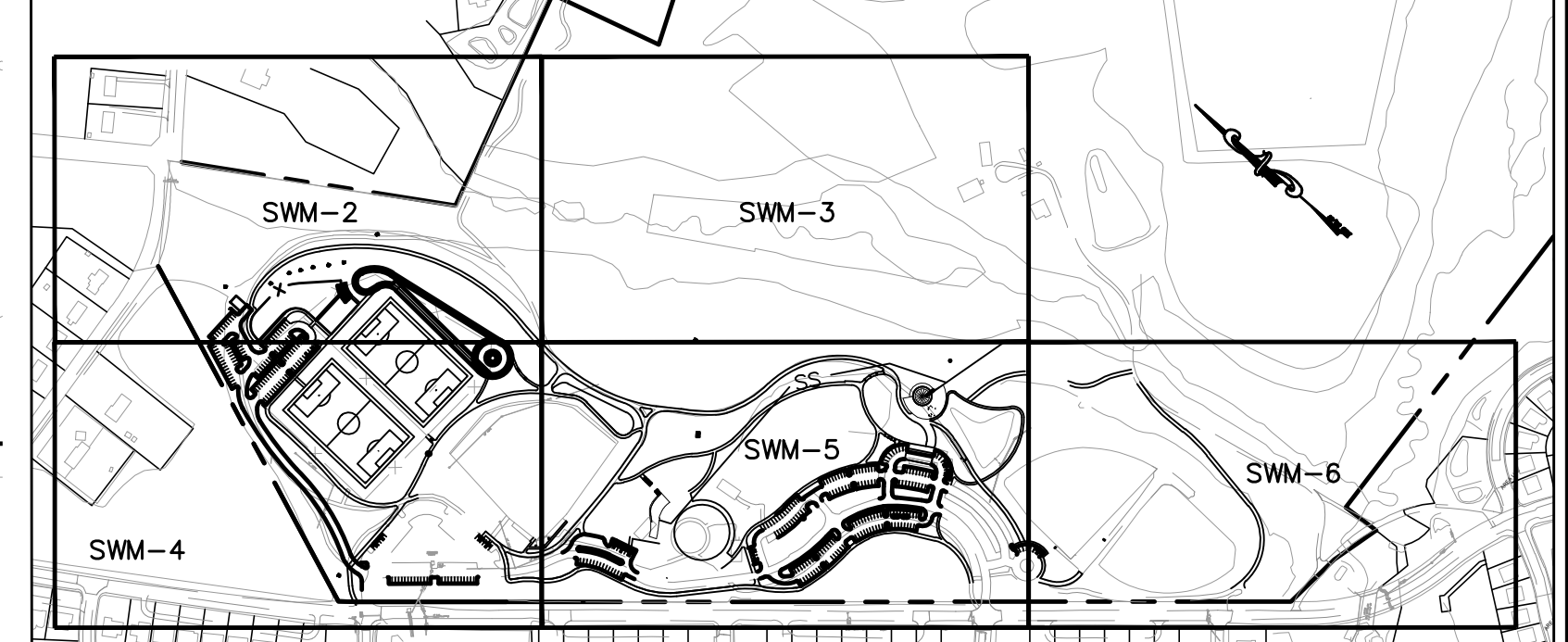
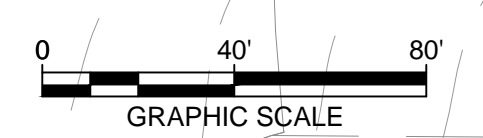
**OVID HAZEN WELLS PARK**  
SWM CONCEPT PLAN  
Scale: 1"=40' Liber05738 Folio0055

SWM-4



MATCH LINE SWM-4

MATCH LINE SWM-6



KEY MAP  
SCALE: 1" = 500'

Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect	Checked By:
Date	
Architect	Checked By:
Date	
Engineer	Checked By:
Date	
Drawn by	Checked By:
Date	

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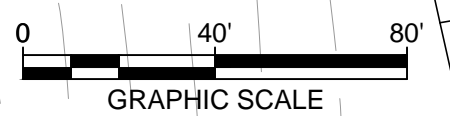
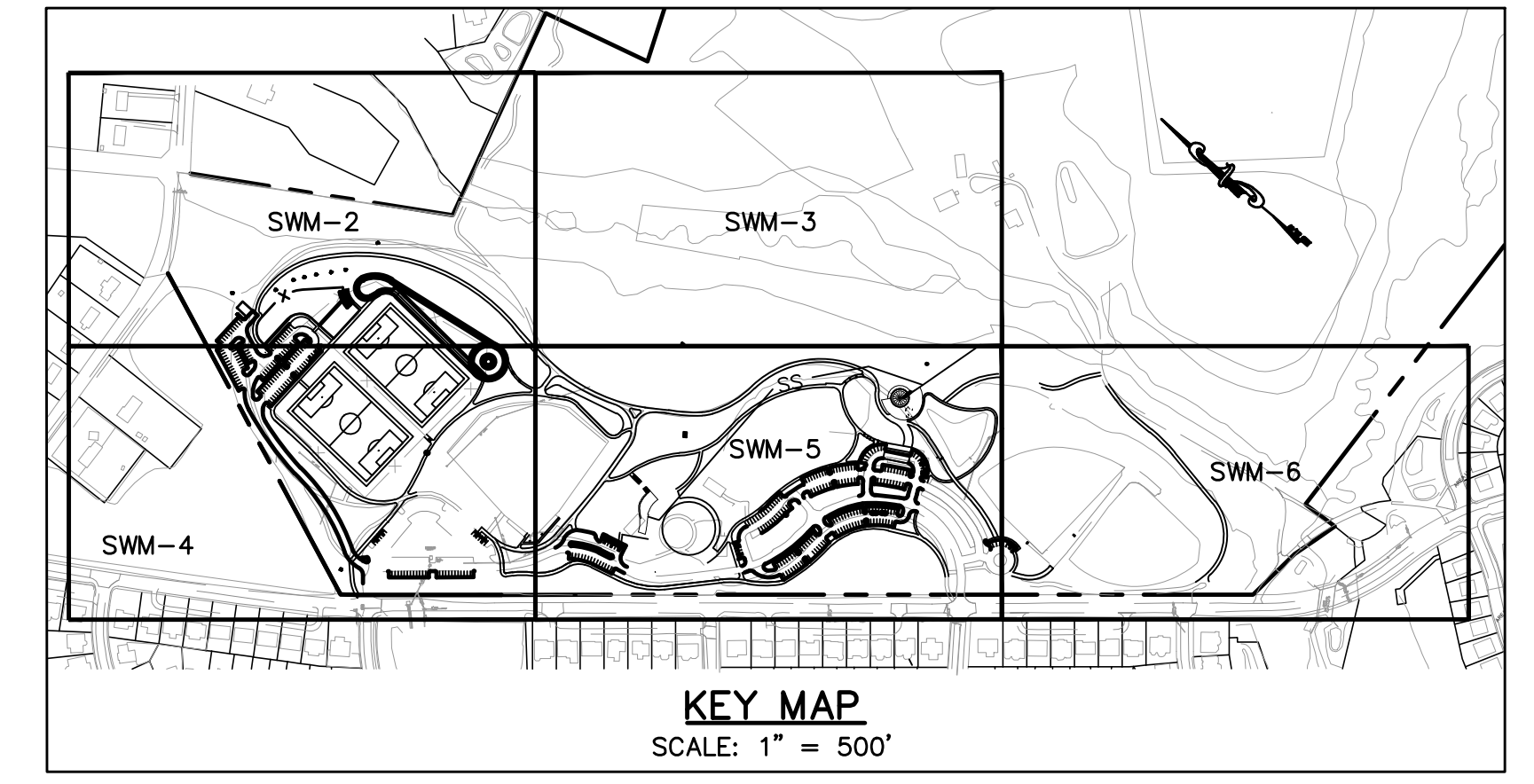
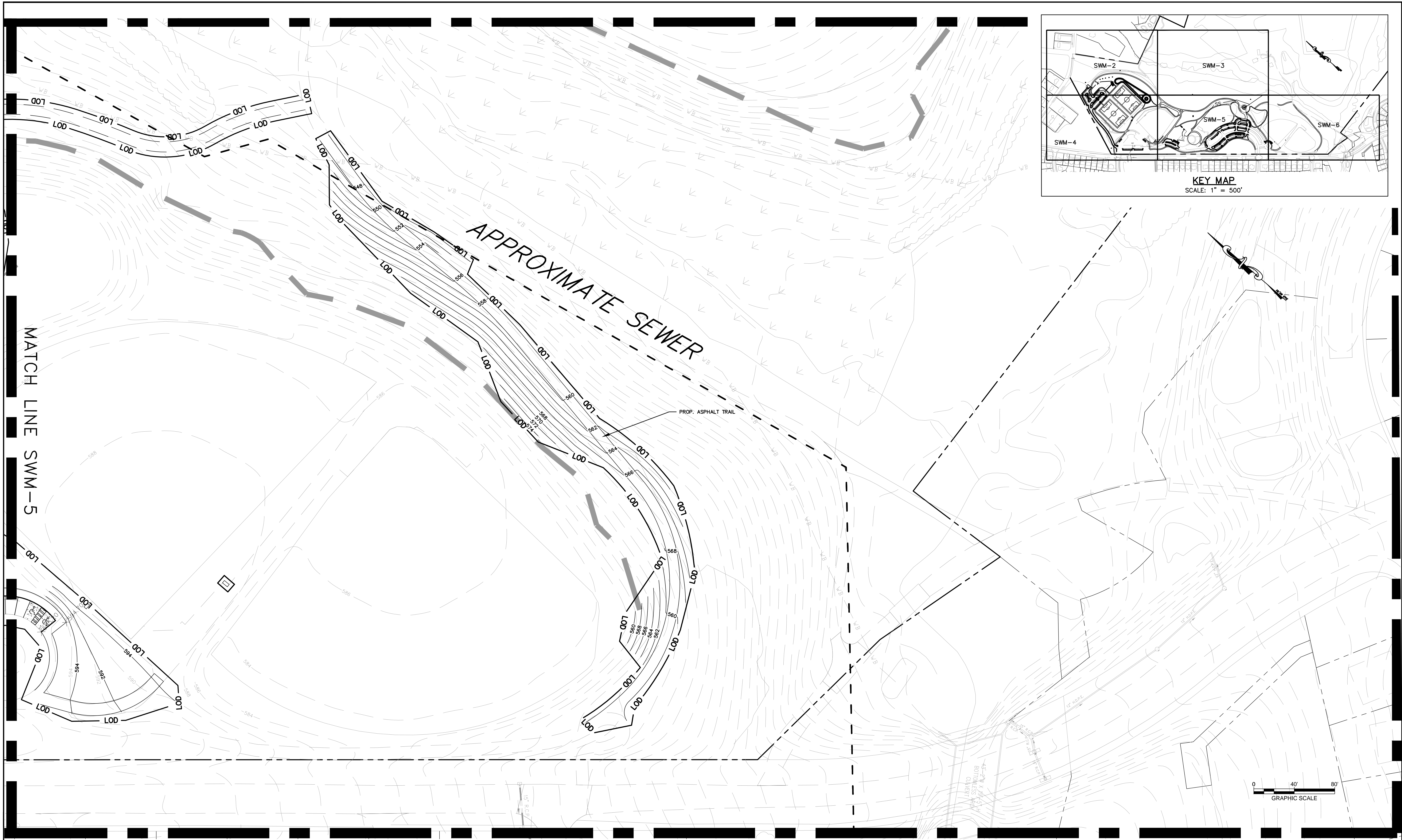
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 Montgomery County Department of Parks  
 9500 Brunnet Avenue  
 Silver Spring, Maryland 20901  
 (301) 495-2535

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
 SWM CONCEPT PLAN  
 Scale: 1"=40' Liber05738 Folio0055

**SWM-5**



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect	Checked By:
Date	
Architect	Checked By:
Date	
Engineer	Checked By:
Date	
Drawn by	Checked By:
Date	

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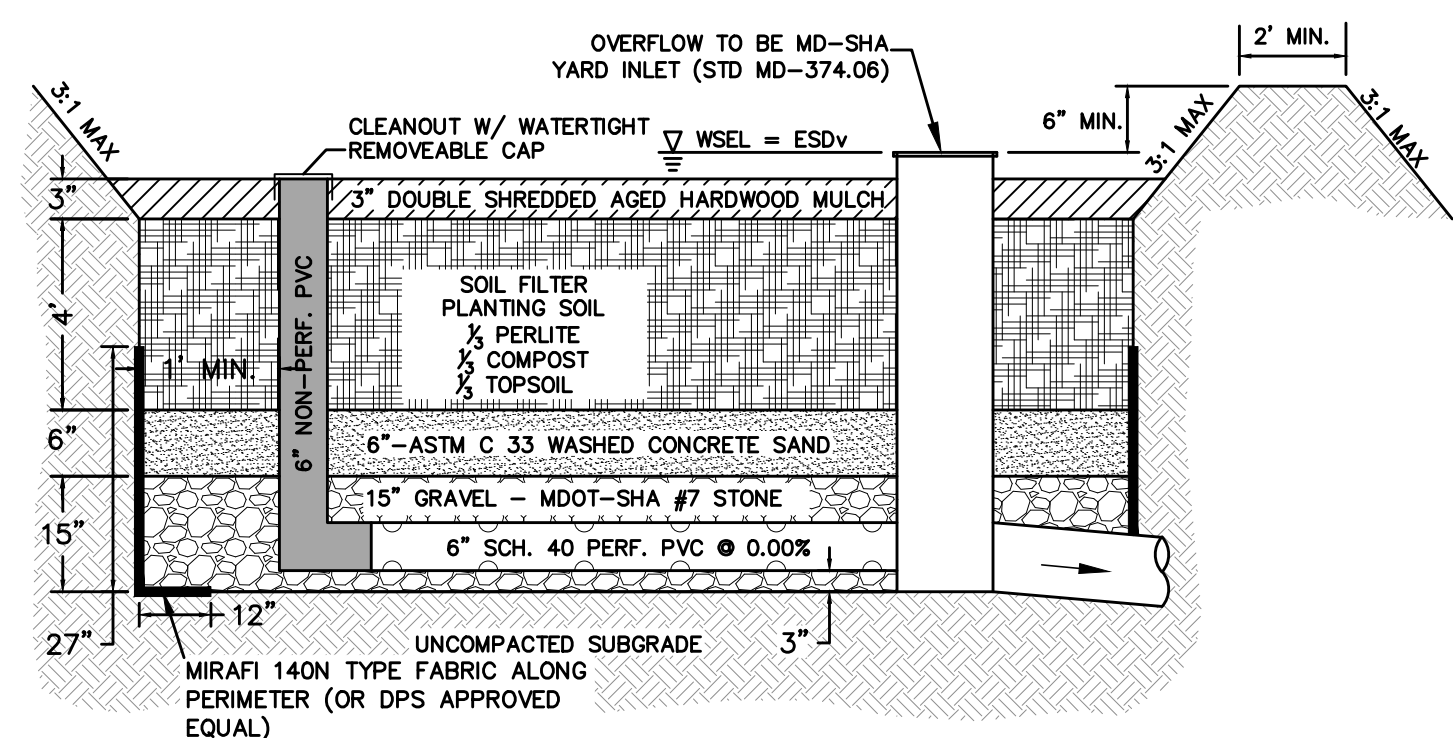
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REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

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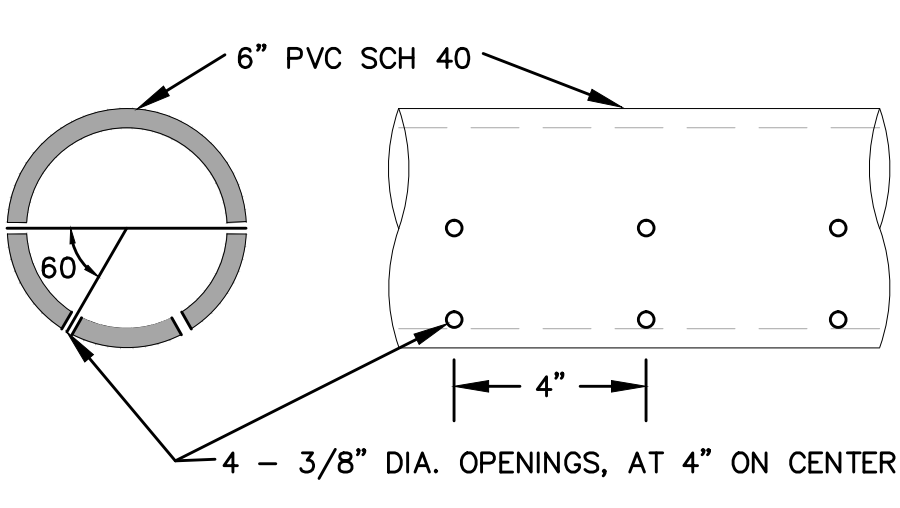
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 SWM CONCEPT PLAN  
 Scale: 1"=40' Liber05738 Folio0055

**SWM-6**



**1 TYPICAL MICRO-BIORETENTION SECTION**  
NOT TO SCALE

NOTES:  
 1. UNDERDRAIN PIPE SHALL BE PERFORATED WITH 3/8" DIA. PERFORATIONS, 4" O.C. EVERY 60 DEGREES AROUND THE PIPE.  
 2. PERFORATED PIPE MUST BE AT LEAST 12" INSIDE THE FILTER MEDIA.  
 3. FILTER FABRIC MUST NOT BE WRAPPED AROUND THE UNDERDRAIN PIPE. FILTER FABRIC SHALL NOT BE PLACED AT THE BOTTOM OF THE FACILITY.  
 4. SEE THIS SHEET FOR SAND SPECIFICATIONS.  
 5. ALL METHODS AND MATERIALS TO COMPLY WITH THE LATEST MONTGOMERY COUNTY DPS MICRO-BIORETENTION DESIGN SPECIFICATIONS.  
 6. DO NOT PLACE GEOTEXTILE ALONG BOTTOM.



**2 PIPE PERFORATION DETAIL**  
NOT TO SCALE

**SAND SPECIFICATIONS:**

WASHED ASTM C33 FINE AGGREGATE CONCRETE SAND IS UTILIZED FOR STORMWATER MANAGEMENT APPLICATIONS IN THE CITY OF ROCKVILLE. IN ADDITION TO THE ASTM C33 SPECIFICATION, SAND MUST MEET ALL OF THE FOLLOWING CONDITIONS:

- SAND MUST MEET GRADATION REQUIREMENTS FOR ASTM C-33 FINE AGGREGATE CONCRETE SAND. AASHTO M-6 GRADATION IS ALSO ACCEPTABLE.
- SAND MUST BE SILICA BASED NO LIMESTONE BASED PRODUCTS MAY BE USED. IF THE MATERIAL IS WHITE OR GRAY IN COLOR, IT IS PROBABLY NOT ACCEPTABLE.
- SAND MUST BE CLEAN, NATURAL, UNWASHED SAND DEPOSITS MAY NOT BE USED. LIKEWISE, SAND THAT HAS BECOME CONTAMINATED BY IMPROPER STORAGE OR INSTALLATION PRACTICES WILL BE REJECTED.
- MANUFACTURED SAND OR STONE DUST IS NOT ACCEPTABLE UNDER ANY CIRCUMSTANCE.

**3 DETAIL D-4-1-C ROCK OUTLET PROTECTION III** STANDARD SYMBOL **ROPIII**

**CONSTRUCTION SPECIFICATIONS**

- RIPRAP AND STONE MUST CONFORM TO THE SPECIFIED CLASS.
- USE NONWOVEN GEOTEXTILE, AS SPECIFIED IN SECTION H-1 MATERIALS, AND PROTECT FROM PUNCTURING, CUTTING, OR TEARING. REPAIR ANY DAMAGE OTHER THAN AN OCCASIONAL SMALL HOLE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. PROVIDE A MINIMUM OF ONE FOOT OVERLAP FOR ALL REPAIRS AND FOR JOINING TWO PIECES OF GEOTEXTILE TOGETHER.
- PREPARE THE SUBGRADE FOR GEOTEXTILE OR STONE FILTER (3/4 TO 1 1/2 INCH MINIMUM STONE FOR 6 INCH MINIMUM DEPTH) AND RIPRAP TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
- EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
- CONSTRUCT RIPRAP OUTLET TO FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. PLACE STONE FOR RIPRAP OUTLET IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENEOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIPRAP IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE. HAND PLACE TO THE EXTENT NECESSARY.
- WHERE NO ENDWALL IS USED, CONSTRUCT THE UPSTREAM END OF THE APRON SO THAT THE WIDTH IS TWO TIMES THE DIAMETER OF THE OUTLET PIPE, AND EXTEND THE STONE UNDER THE OUTLET BY A MINIMUM OF 18 INCHES.
- CONSTRUCT APRON WITH 0% SLOPE ALONG ITS LENGTH AND WITHOUT OBSTRUCTIONS. PLACE STONE SO THAT IT BLENDS IN WITH EXISTING GROUND.
- MAINTAIN LINE, GRADE, AND CROSS SECTION. KEEP OUTLET FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. AFTER HIGH FLOWS INSPECT FOR SCOUR AND RIPRAP DISLODGED RIPRAP. MAKE NECESSARY REPAIRS IMMEDIATELY.

RIPRAP	
CLASS	THICKNESS (T)
I	18 IN
II	32 IN
III	48 IN

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

**4**

DEPTH OF STR.	WALL THICKNESS	BASE THICKNESS
1' TO 8'	8"	8"
8' TO 12'	12"	8"
12' TO 16'	16"	8"

NOTE: DEPTH OF STRUCTURE TO BE MEASURED FROM BOTTOM OF FLAT TOP TO INVERT OF OUTGOING PIPE.

OUTGOING PIPE SIZE	STRUCTURE DIAMETER
18" - 24"	60"
30" - 36"	72"
42" - 48"	84"
54" - 60"	96"
72"	96"

**GENERAL NOTES**

- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION FOR MATERIALS AND METHODS OF CONSTRUCTION.
- USE SOLID MASONRY (BRICK OR CONCRETE BLOCK) OR POURED CONCRETE FOR WALLS. USE OF M.C.D.O.T. APPROVED PRECAST CONCRETE STRUCTURES MAY BE USED IN PLACE OF BRICK MASONRY.
- MORTAR SHALL CONFORM TO ASTM SPECIFICATION C270 TYPE M.
- PROVIDE STEPS IN CHANNELS OF STRUCTURES. REFER TO MC-500.01 FOR DETAILS.
- 1" c = 3,500 P.S.I. AT 28 DAYS.
- TWO 4" #4 WEEP HOLES TO BE PLACED OPPOSITE EACH OTHER AT CROWN OF CHANNEL COVER OPENING WITH 1/2" HARDWARE CLOTH.
- INSTALL FOUNDATION DRAINAGE MATERIAL 1" MINIMUM THICKNESS AROUND STRUCTURE FROM BOTTOM OF WEEP HOLES TO WITHIN 8" OF FINISHED GRADE.
- PAUSE OUTSIDE WALLS.

APPROVED JAN 5/06 DATE  
 DIRECTOR, DEPT. OF TRANS.  
 CHIEF, DIV. OF ENG. SERVICES

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 "J" INLET  
 STANDARD NO. MC-506.01

**5**

**GENERAL NOTES**

- USE SOLID MASONRY (BRICK OR CONCRETE BLOCK) OR POURED CONCRETE FOR WALLS.
- INSTALL FOUNDATION DRAINAGE MATERIAL AROUND STRUCTURE FROM BOTTOM OF WEEP HOLES TO WITHIN 8" OF SURFACE.
- MORTAR SHALL CONFORM TO ASTM SPECIFICATION C270 TYPE M.
- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION FOR MATERIALS AND METHODS OF CONSTRUCTION.
- WALL THICKNESS WILL BE THE FOLLOWING:  
 IF THICK WALLS FOR THE FIRST 8'-0" OF DEPTH, 12" THICK WALLS BETWEEN 8'-0" AND 12'-0" OF DEPTH, 16" THICK WALLS FOR DEPTH GREATER THAN 12'-0" DEPTH TO BE MEASURED FROM TOP OF CURB TO CROWN OF OUTGOING PIPE.  
 IF 2'-0" TO 8'-0" MIN. THROUGHOUT OUTER SECTION (PROVIDE 1 1/2" CLEARANCE)  
 IF 8' TOP AND BOTTOM AT 1/2" C/C THROUGHOUT OUTER SECTION (PROVIDE 1 1/2" CLEARANCE)
- 1" c = 3,500 P.S.I. AT 28 DAYS.
- ALL REINFORCING STEEL TO BE ASTM A615, OR B6.
- FOR PIPES 30" AND LARGER, PROVIDE STEPS IN CHANNELS OR STRUCTURES. SEE STANDARD MC-500.02.
- ON TERMINAL INLETS, THE INLET BOTTOM SHALL BE SLOPED TO OUTLET PIPE WITH SEWER BRICK OR CONCRETE, 8" MIN. FALL.
- FOR ACTUAL PIPE LOCATIONS, REFER TO STORM DRAIN PLANS AND CONSTRUCT BRICK CHANNEL TO PIPE CONFIGURATIONS BRICK CHANNEL SHALL BE SEWER BRICK ON EDGE AND BUILT TO THE CROWN OF THE PIPE.

APPROVED JAN 5/06 DATE  
 DIRECTOR, DEPT. OF TRANS.  
 CHIEF, DIV. OF ENG. SERVICES

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 "A" INLET  
 STANDARD NO. MC-501.01

**6**

**GENERAL NOTES**

- CONCRETE TO BE MIX NO.6 (4500 P.S.I.).
- REINFORCING LAYERS OF #4-WX-0.8 W.D. WELDED WIRE FABRIC.
- TAPERED PLASTIC LAYERS TO BE PROVIDED FOR HANDING.
- GRATING SHALL BE STEEL "IRVING 3-BAR TYPE AA" OR APPROVED EQUIVALENT. ALL MATERIAL TO BE HOT DIPPED GALV.
- GRADE AND SLOPE ADJUSTMENTS TO BE COMPLETED IN THE FIELD USING CONG. MIX NO.6 OR BRICK AND MORTAR. MIN. ONE LAYER OF BRICK OR 3" OF CONCRETE.
- PIPE OPENINGS TO BE PROVIDED AS REQUIRED. FOR SIZE, LOCATION AND INVERT ELEVATIONS REFER TO PLANS.
- PLACEMENT OF SUBGRADE DRAINAGE WILL BE AS DIRECTED BY THE ENGINEER OR AS NOTED ON THE PLANS.
- MINIMUM DEPTH PAYMENT PER "EACH" INLET INCLUDES DEPTH UP TO 3'-0" MEASURED FROM THE PIPE. INVERT TO THE TOP OF THE GRADE. VERTICAL DEPTH PAYMENT PER 1' MEASUREMENT FOR DEPTHS IN EXCESS OF 3'-0".
- INVERT TO BE CONCRETE OR BRICK AND SHALL SLOPE 2" PER FOOT TOWARD OUTLET OR AS DIRECTED BY THE ENGINEER. (INVERT PROVIDED IN THE FIELD)

NOTE: EXPANSION ANCHORS MAY BE USED INSTEAD OF BOLTS.

APPROVED JAN 5/06 DATE  
 DIRECTOR, DEPT. OF TRANS.  
 CHIEF, DIV. OF ENG. SERVICES

MARYLAND DEPARTMENT OF TRANSPORTATION  
 STATE HIGHWAY ADMINISTRATION  
 STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES  
 PRECAST YARD INLET  
 STANDARD NO. MD 381.02

**7**

**GENERAL NOTES**

- REFER TO MARYLAND STATE HIGHWAY ADMINISTRATION FOR MATERIALS AND METHODS OF CONSTRUCTION.
- USE SOLID MASONRY (BRICK OR CONCRETE BLOCK) OR POURED CONCRETE FOR WALLS.
- PAUSE OUTSIDE WALLS.
- MORTAR SHALL CONFORM TO ASTM SPECIFICATION C270 TYPE M.
- 1" c = 3,500 P.S.I. AT 28 DAYS.
- FOR PIPES LARGER THAN 30" PROVIDE STEPS IN CHANNELS OF STRUCTURES. SEE STANDARD DETAIL STANDARD MC-500.02.

APPROVED JAN 5/06 DATE  
 DIRECTOR, DEPT. OF TRANS.  
 CHIEF, DIV. OF ENG. SERVICES

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION  
 "A" MANHOLE  
 STANDARD NO. MC-510.01

DESIGN	
Designer's Name	Landscape Architect
Date	Checked By:
Address	Architect
Date	Checked By:
City/State/Zip	Engineer
Date	Checked By:
Telephone Number	Drawn by
	Checked By:

**NORTON LAND DESIGN**  
 LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
 17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
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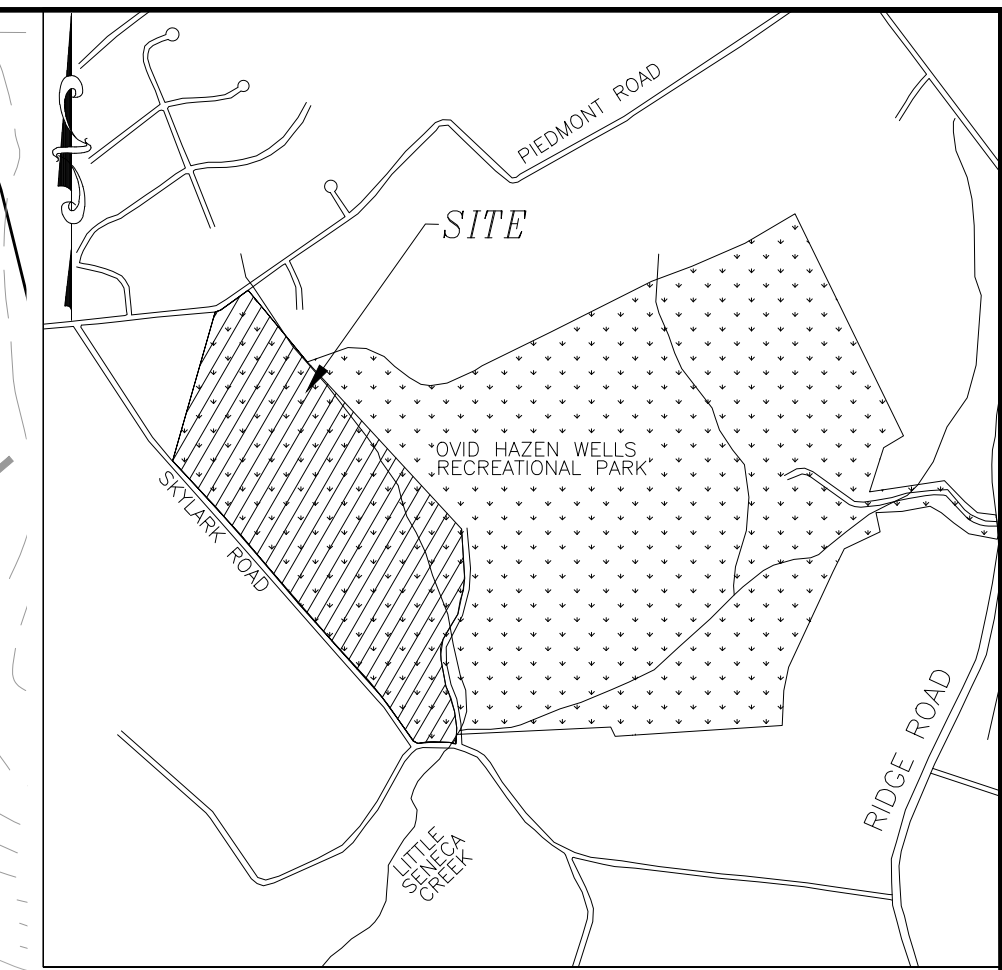
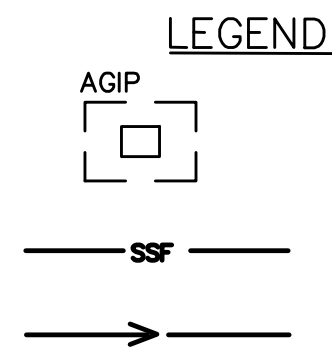
The Maryland-National Capital Park and Planning Commission  
 Montgomery County Department of Parks  
 9500 Brunnet Avenue  
 Silver Spring, Maryland 20901  
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REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

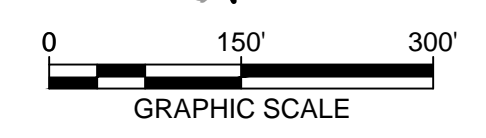
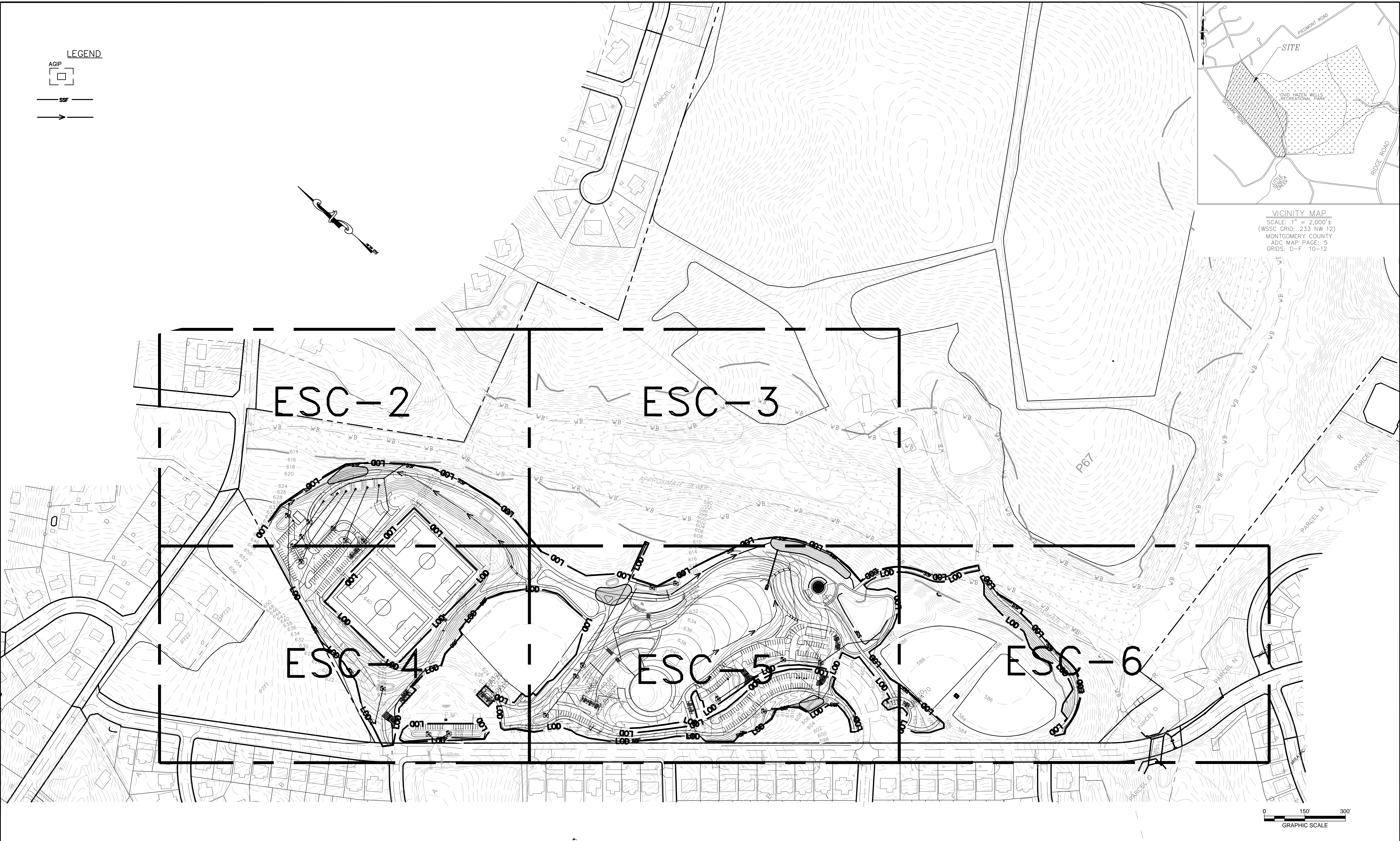
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**OVID HAZEN WELLS PARK**  
 STORMWATER MANAGEMENT DETAILS  
 Scale: N/A Liber 05738 Folio 0055

**SWM-7**



**VICINITY MAP**  
 SCALE: 1" = 2,000'±  
 (WSSC GRID: 233 NW 12)  
 MONTGOMERY COUNTY  
 ADC MAP PAGE: 5  
 GRIDS: D-F 10-12



Designer's Name
Address
City/State/Zip
Telephone Number

DESIGN	
Landscape Architect Date	Checked By:
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Drawn by Date	Checked By:

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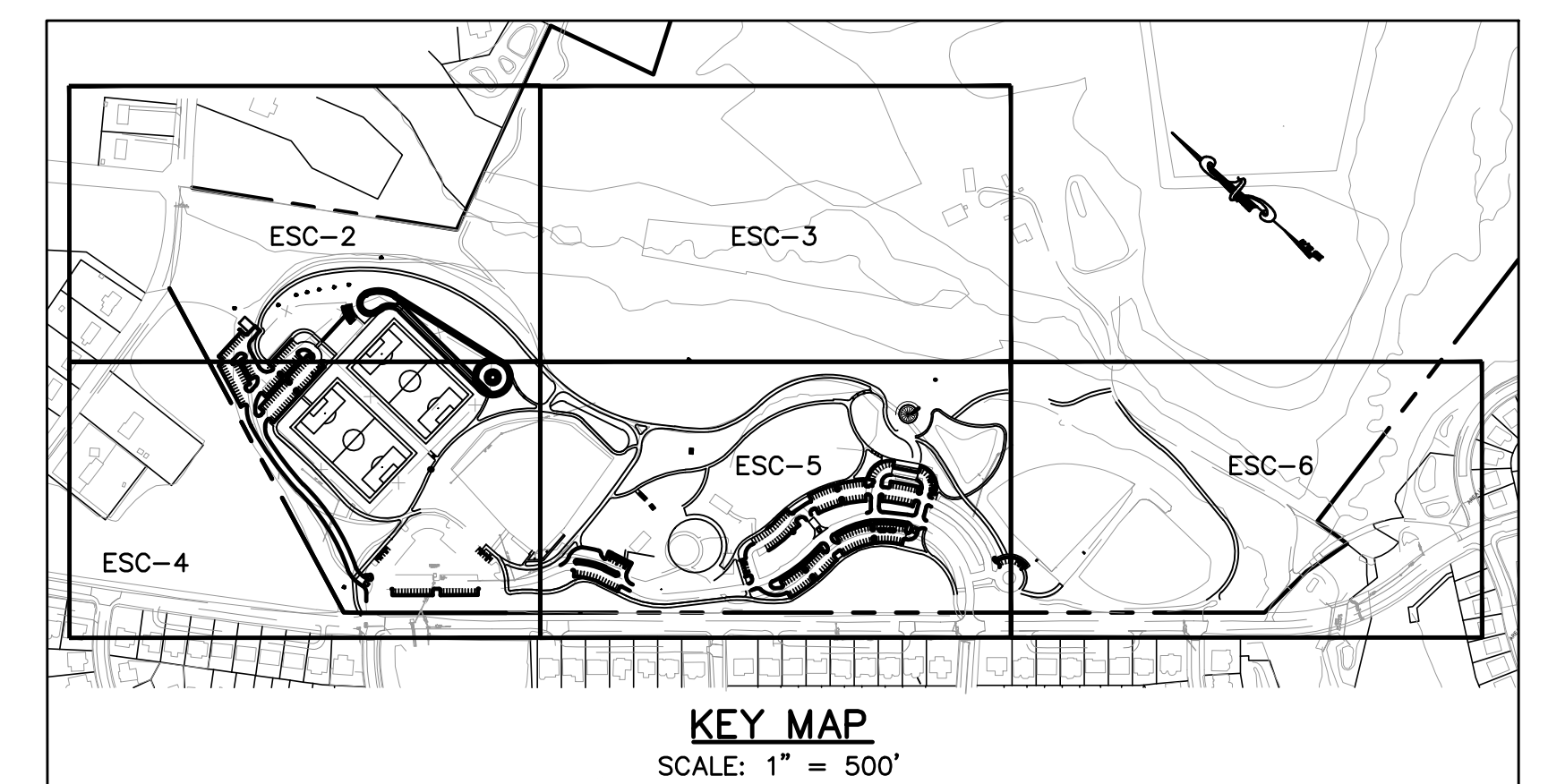
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**OVID HAZEN WELLS PARK**  
**OVERALL EROSION AND SEDIMENT CONTROL PLAN**  
 Scale: 1"=150' Liber 05738 Folio 0055

**ESC-1**



Designer's Name \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Telephone Number \_\_\_\_\_

DESIGN	
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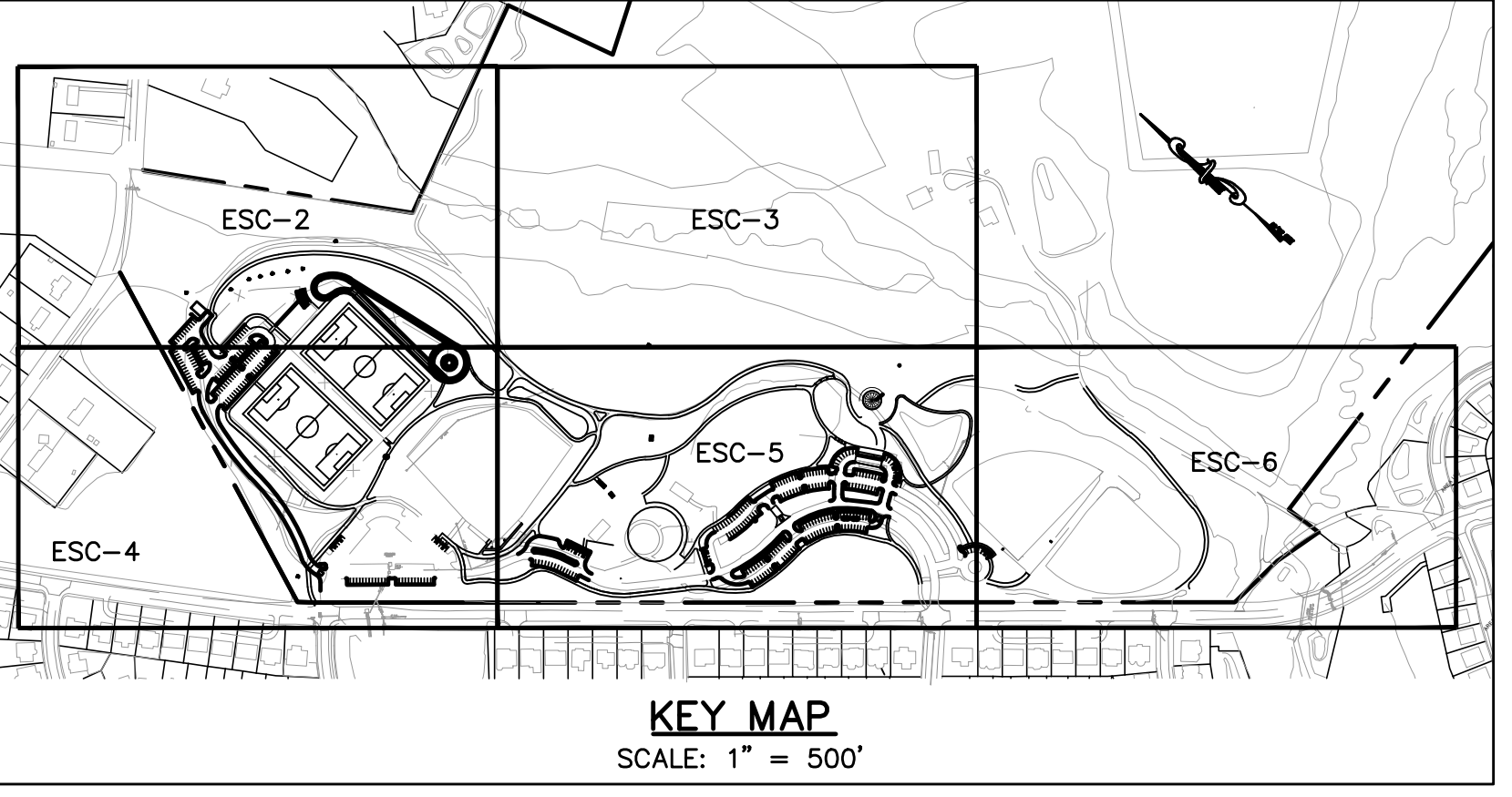
**NORTON LAND DESIGN**  
LANDSCAPE ARCHITECTURE + ENVIRONMENTAL PLANNING  
17830 NEW HAMPSHIRE AVENUE, SUITE 101 ASHTON, MD 20861  
P.240.342.2329 F.240.342.2632 WWW.NORTONLANDDESIGN.COM

**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		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
**EROSION AND SEDIMENT CONTROL PLAN ESC-2**  
Scale: 1"=40' Liber05738 Folio0055



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

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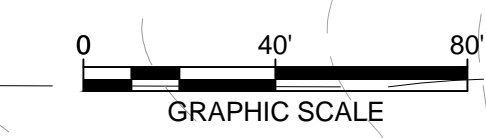
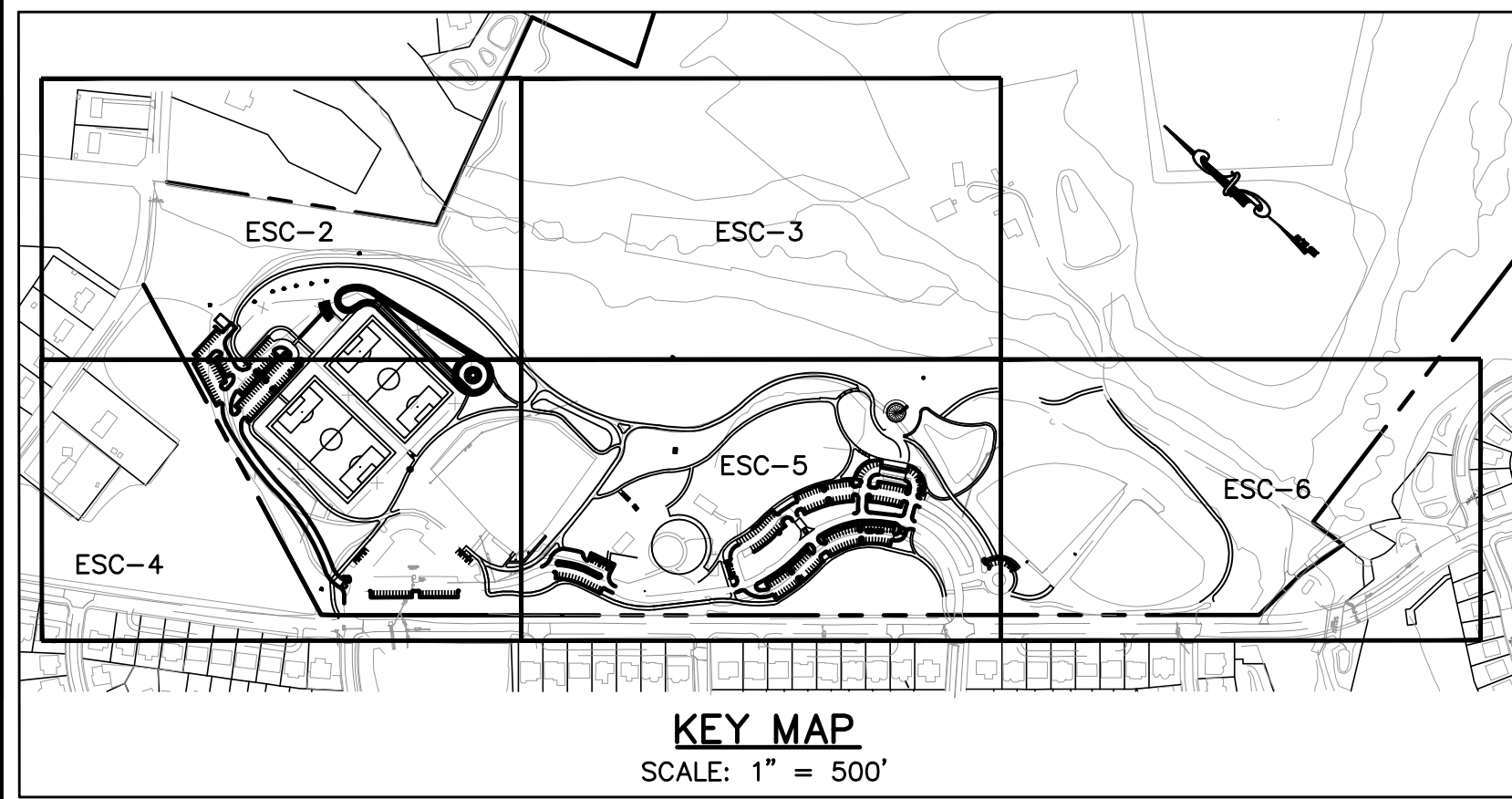
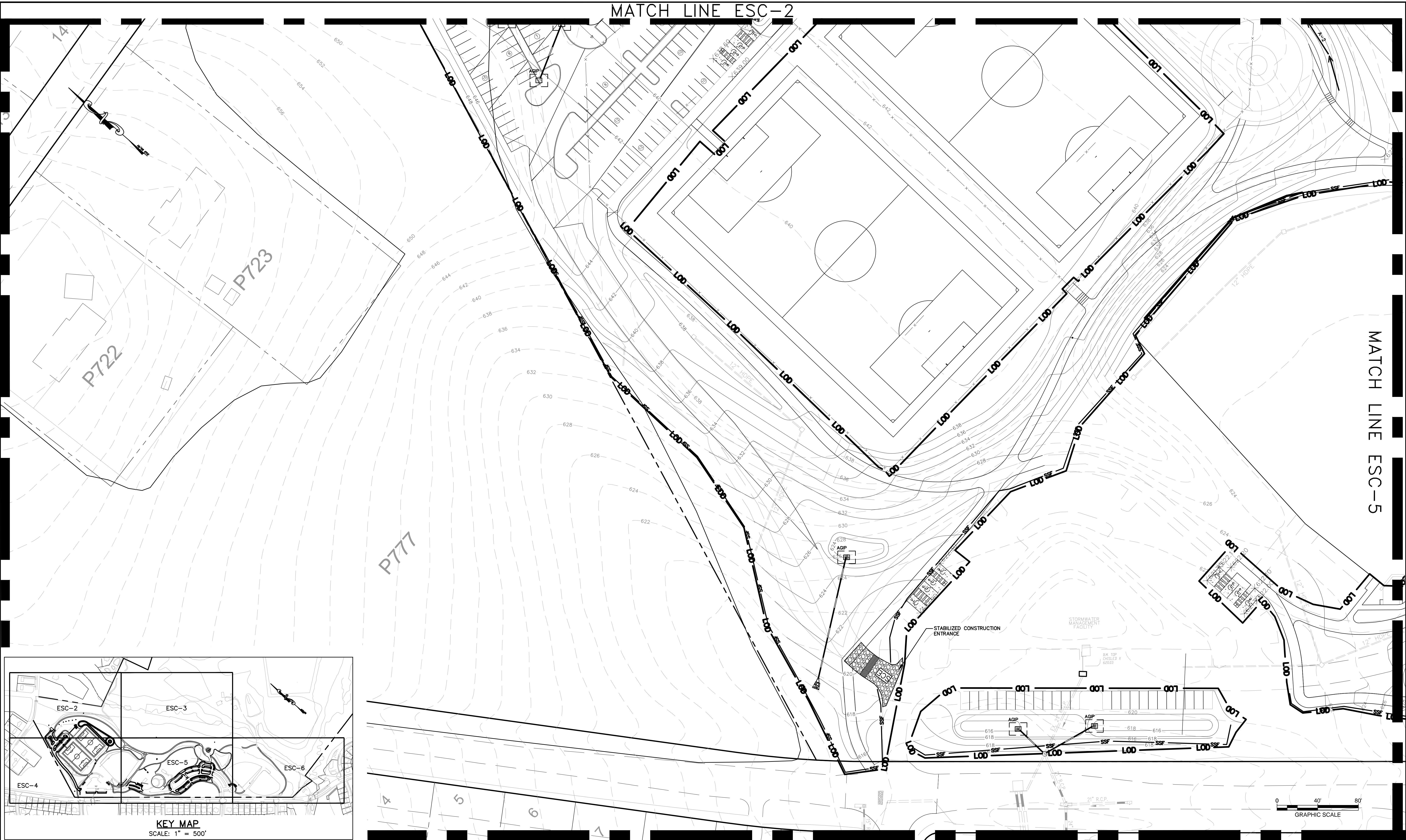
ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**OVID HAZEN WELLS PARK**  
 EROSION AND SEDIMENT CONTROL PLAN **ESC-3**  
 Scale: 1"=40' Liber05738 Folio0055



MATCH LINE ESC-2

MATCH LINE ESC-5



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

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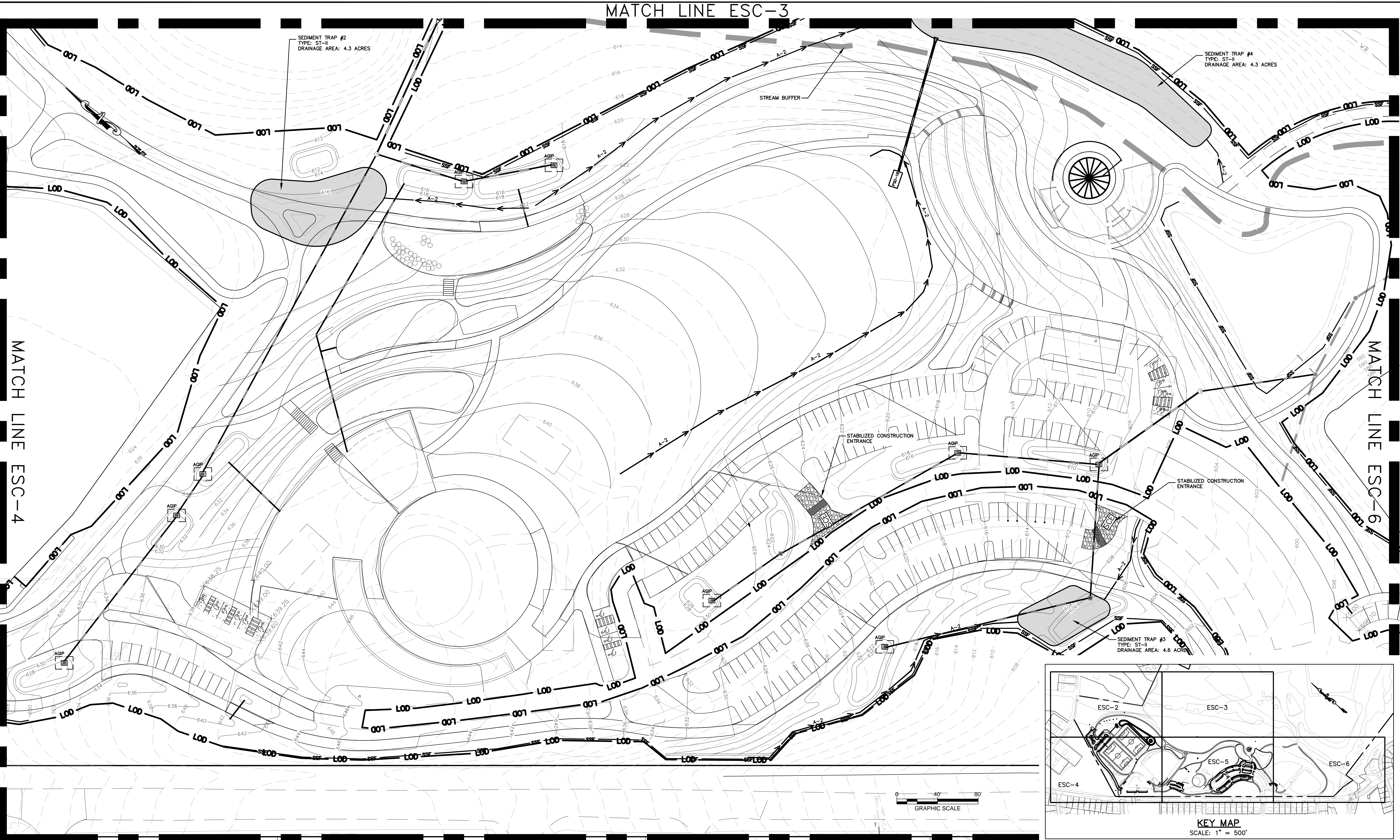
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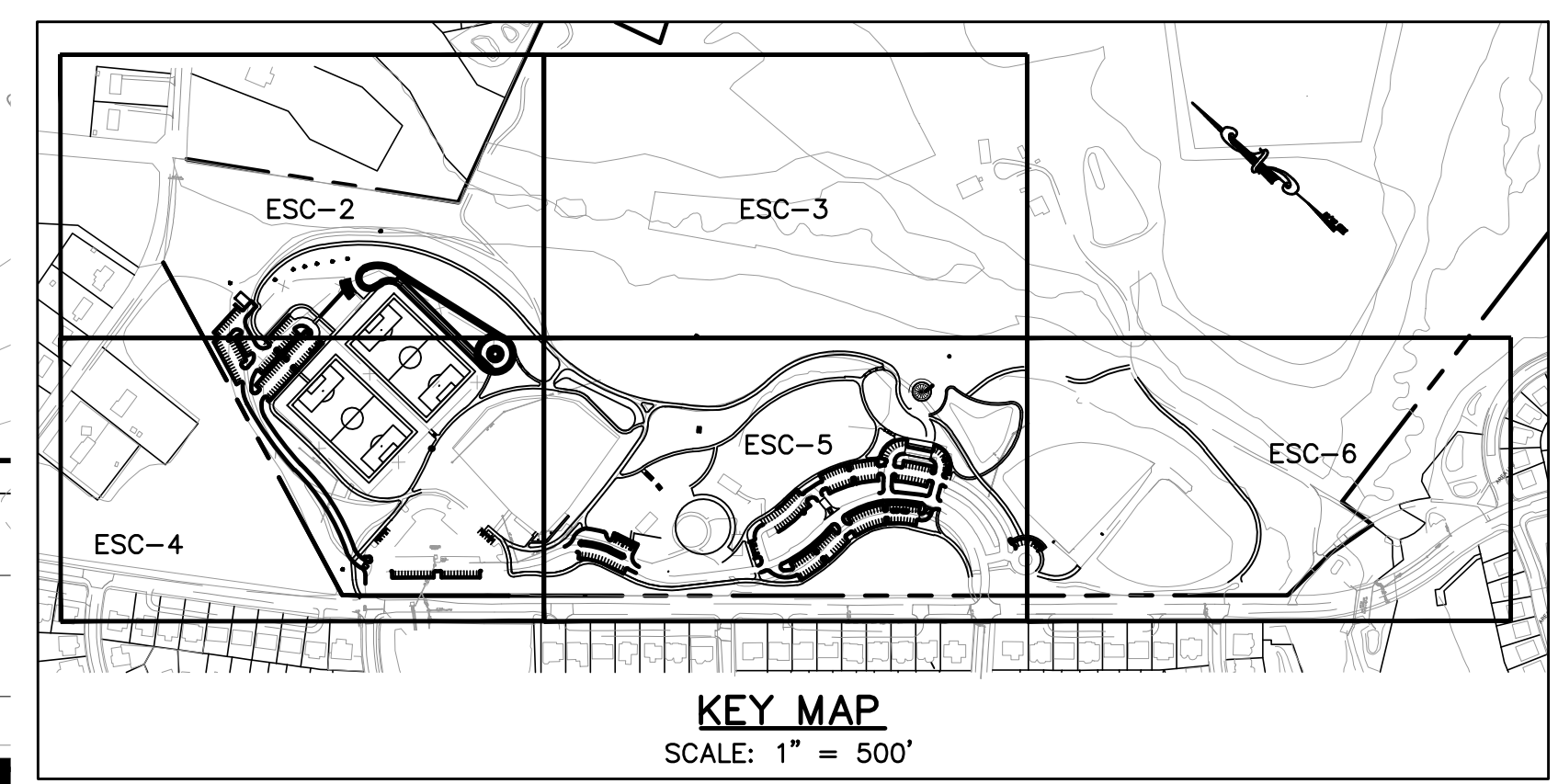
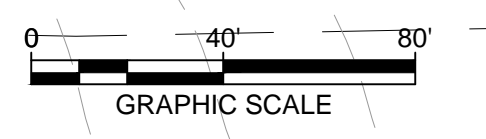
**OVID HAZEN WELLS PARK**  
 EROSION AND SEDIMENT CONTROL PLAN **ESC-4**  
 Scale: 1"=40' Liber05738 Folio0055

MATCH LINE ESC-3



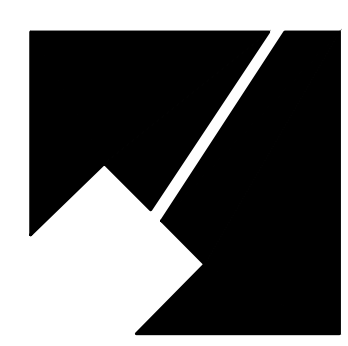
MATCH LINE ESC-4

MATCH LINE ESC-6



DESIGN

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**OVID HAZEN WELLS PARK**

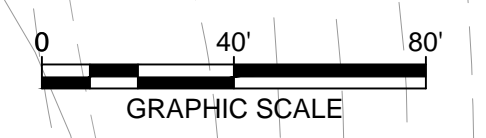
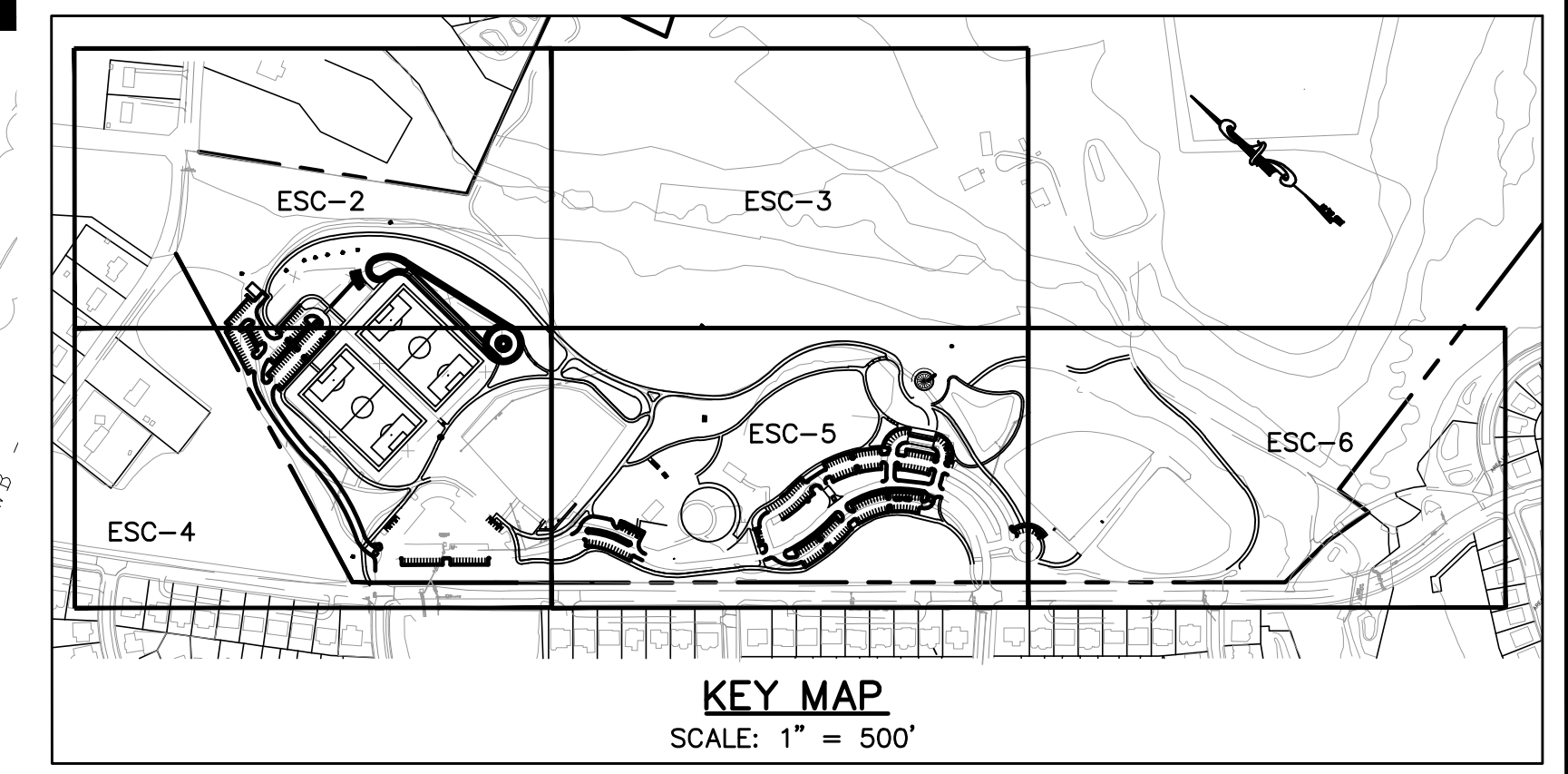
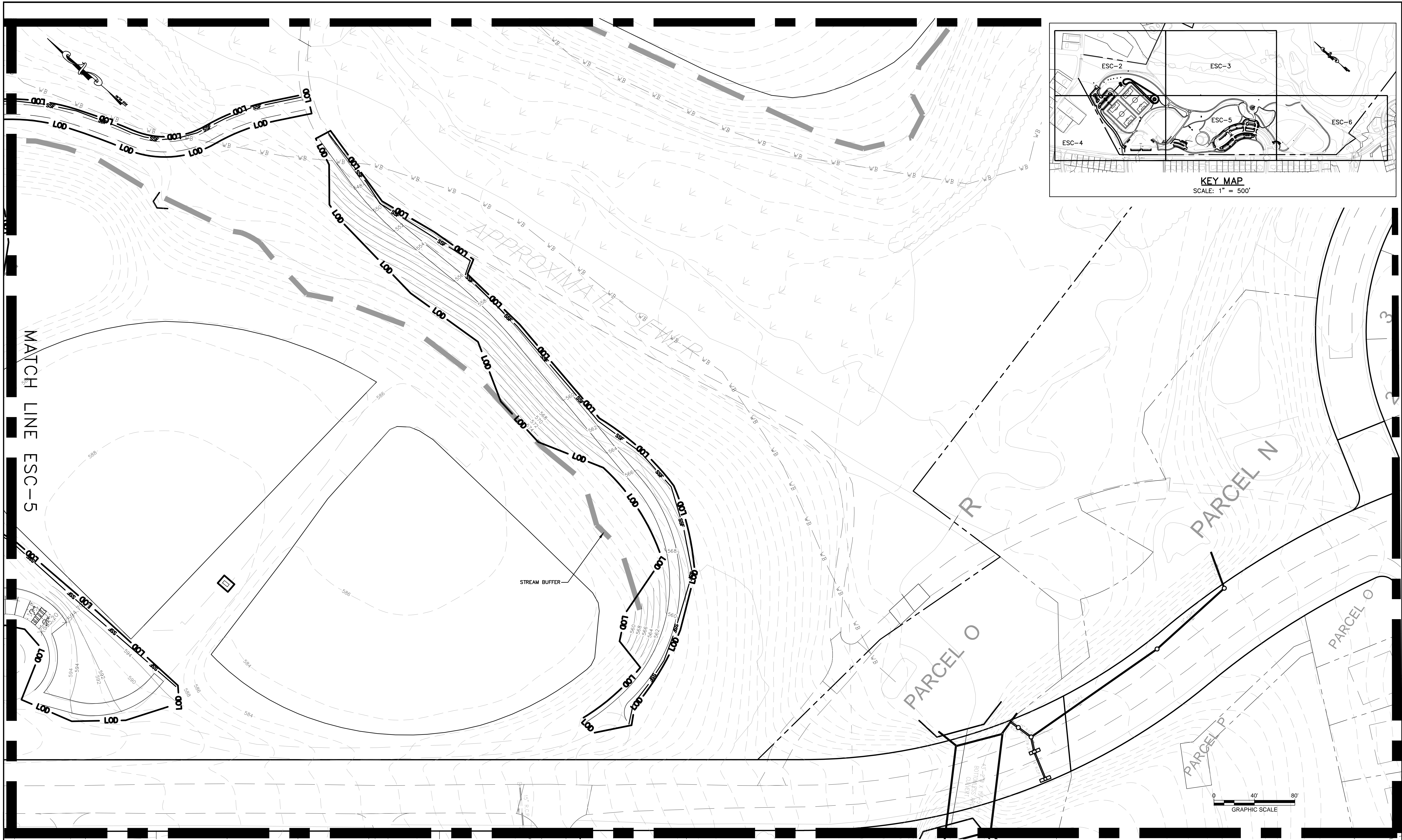
**EROSION AND SEDIMENT CONTROL PLAN**

**ESC-5**

1" = 40'

05738

0055



Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

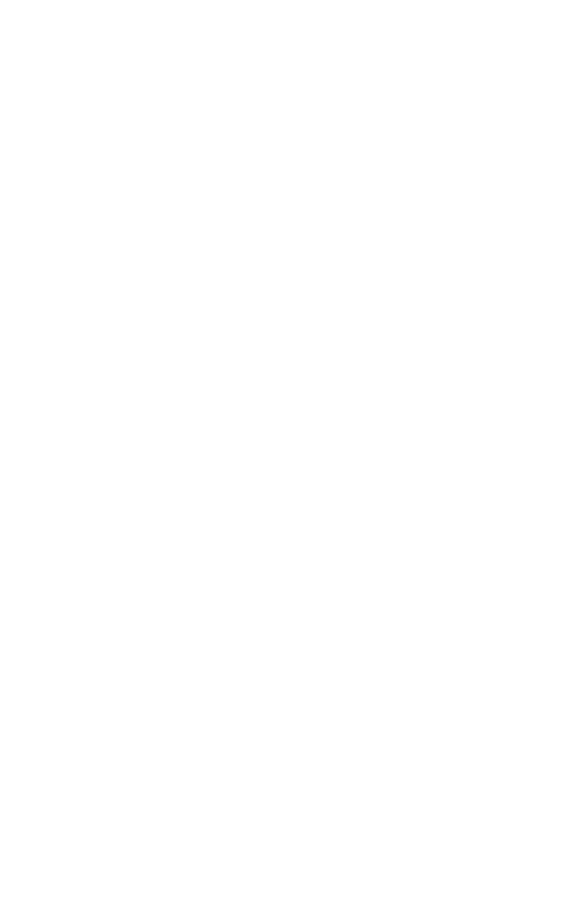
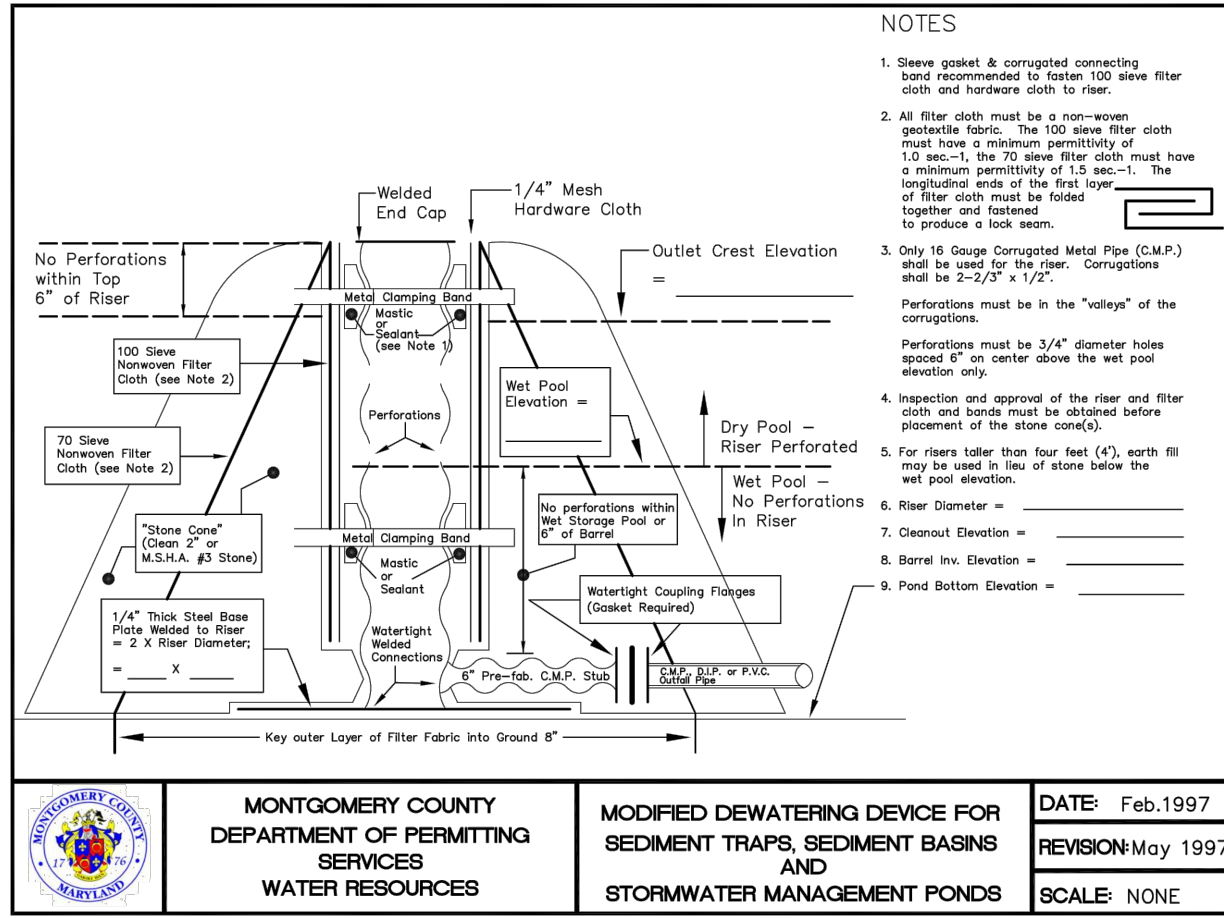
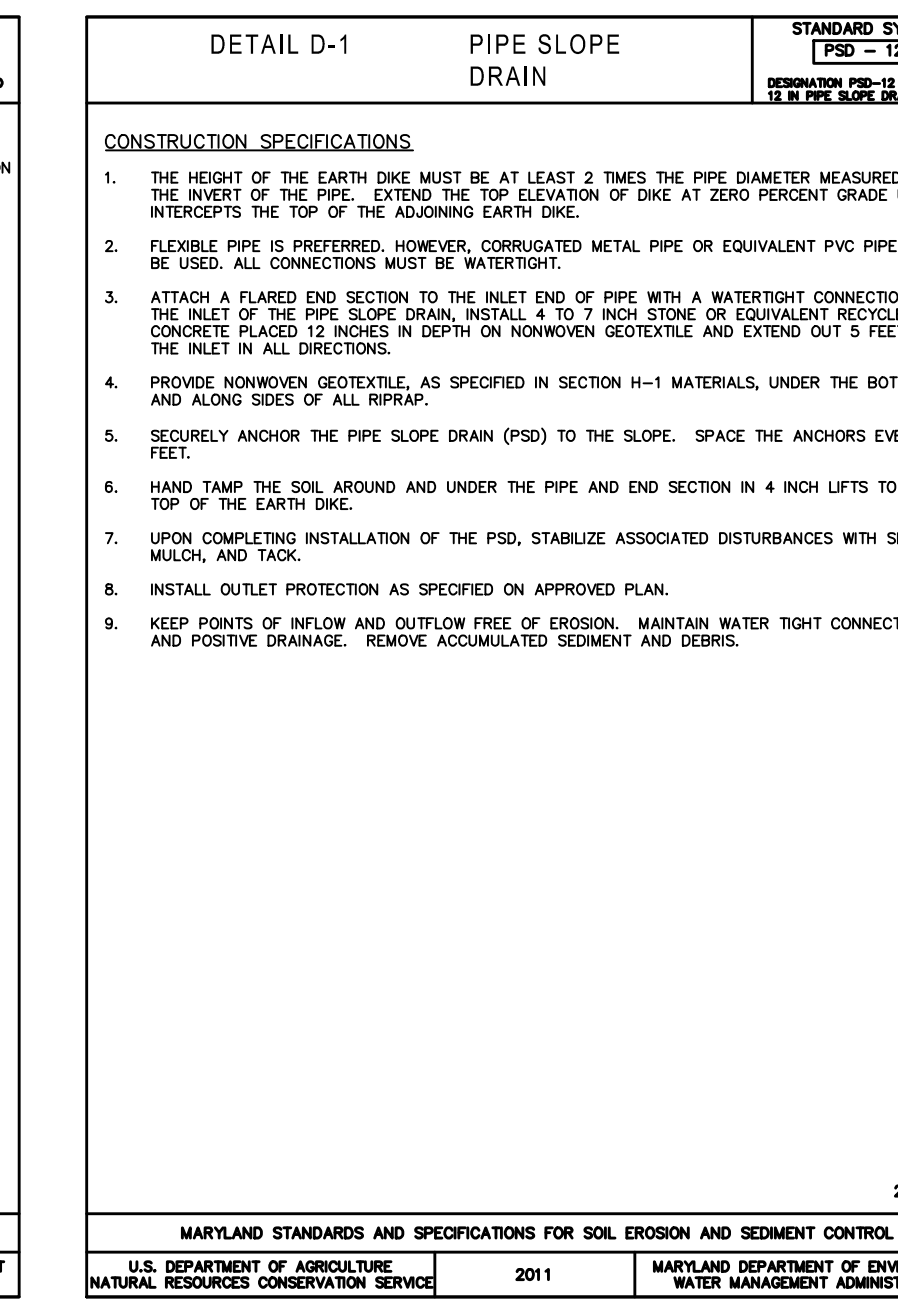
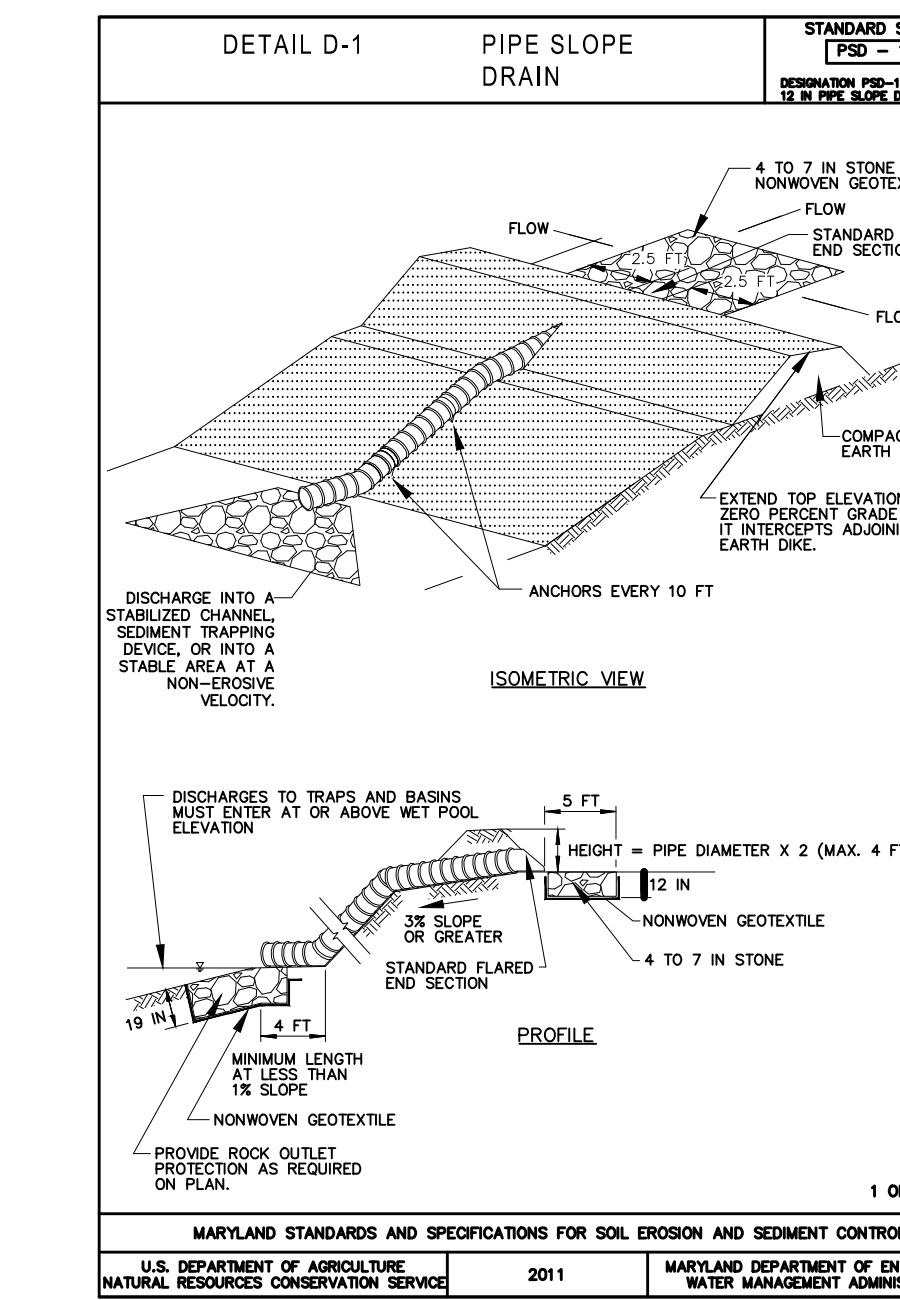
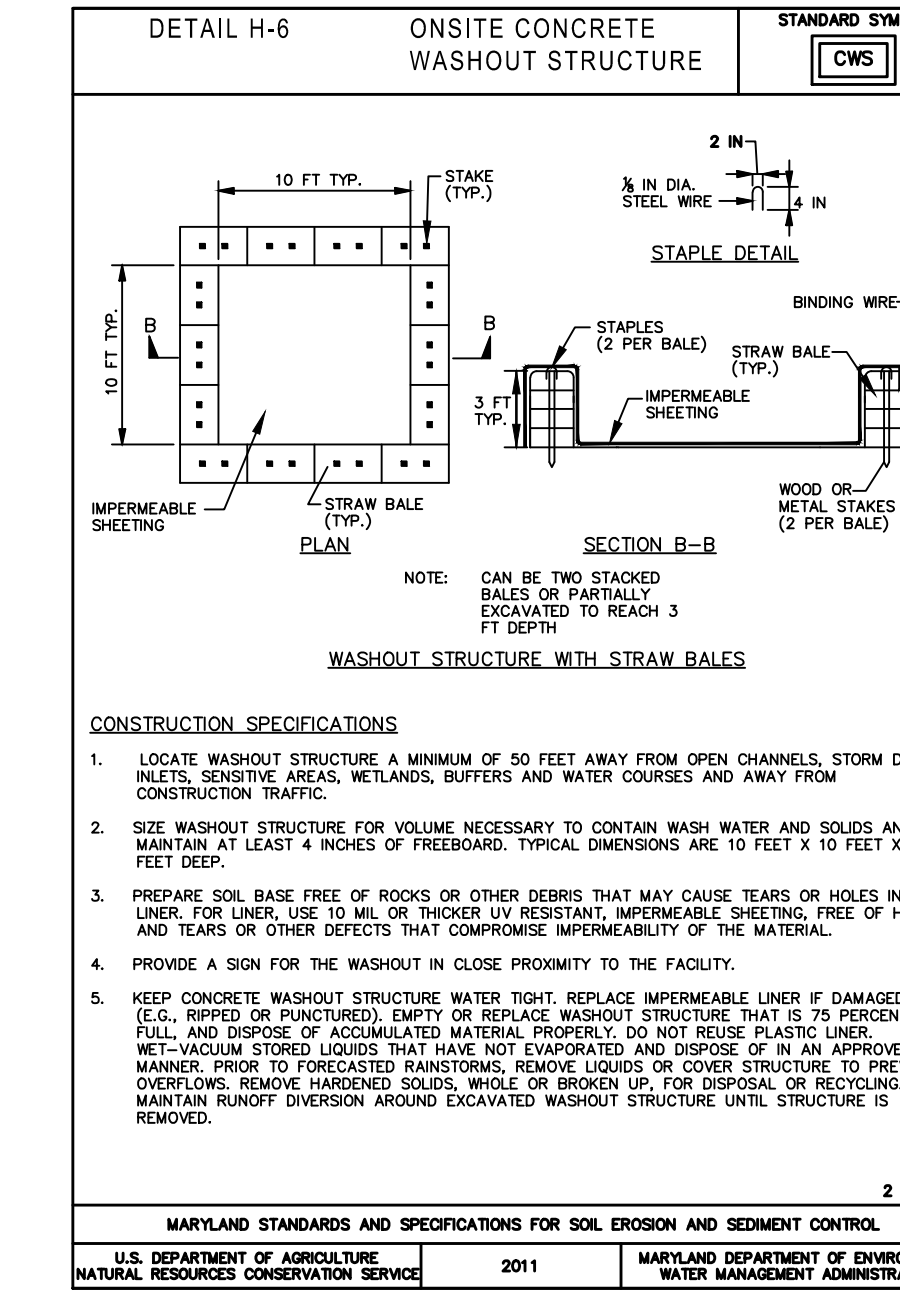
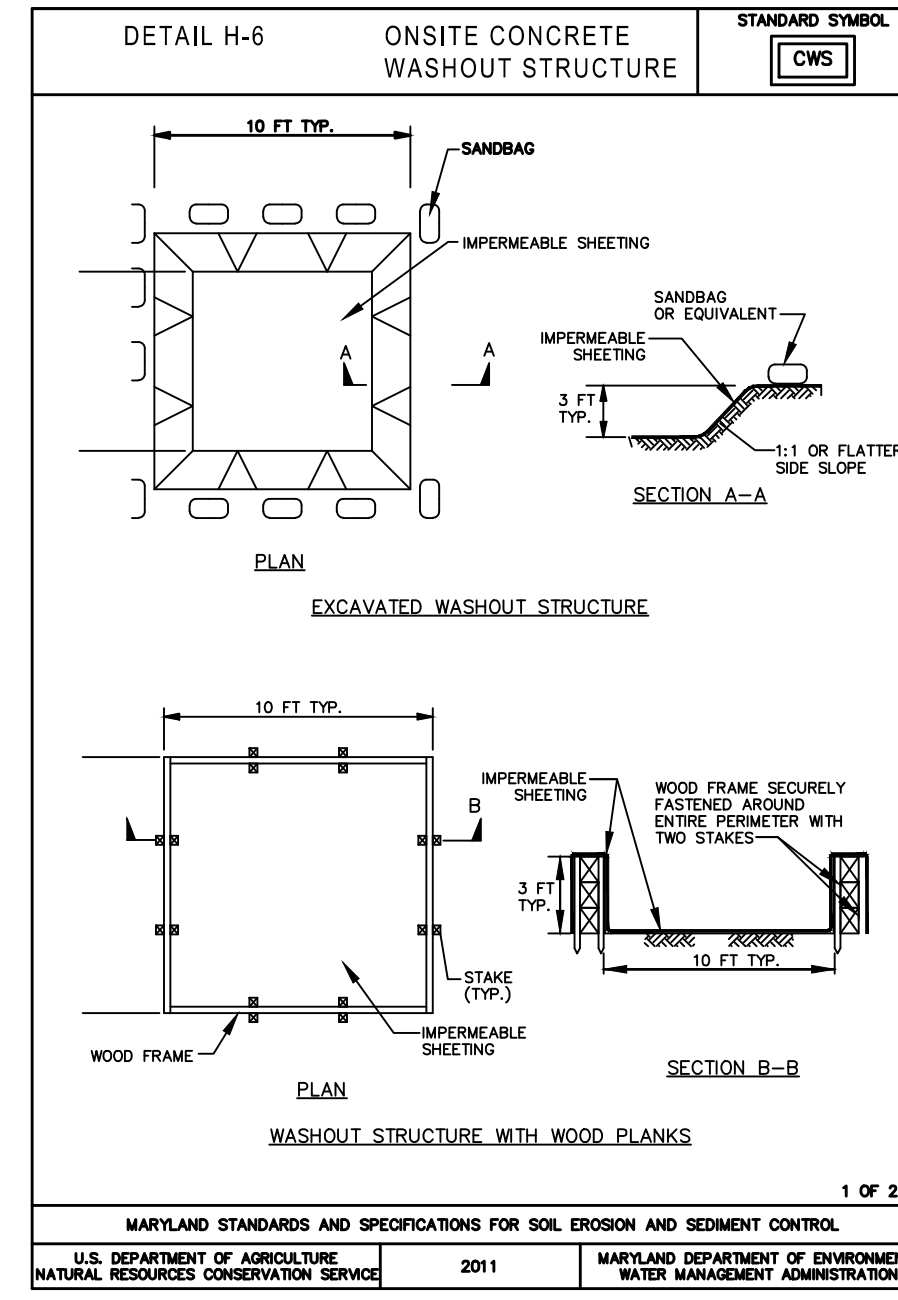
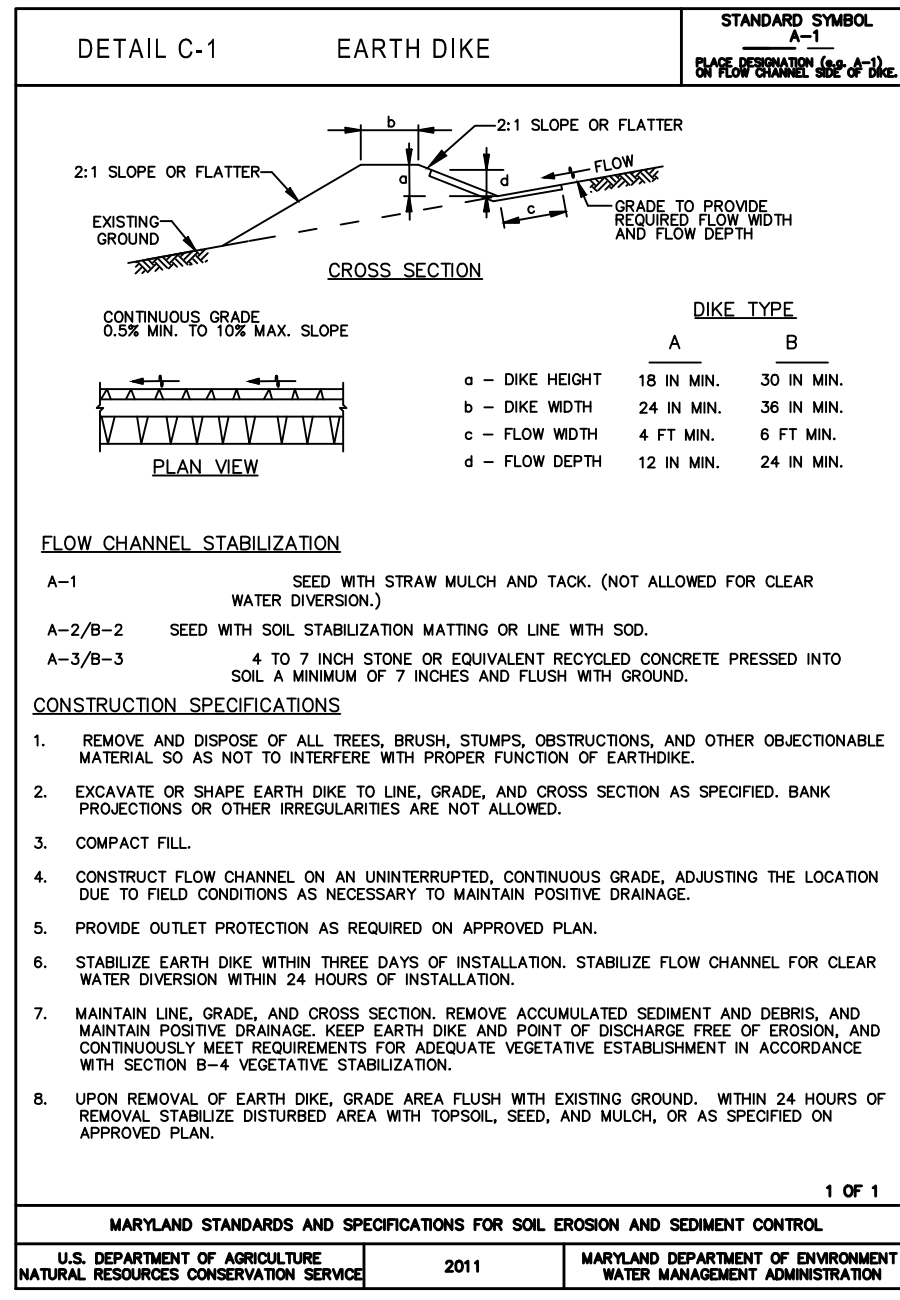
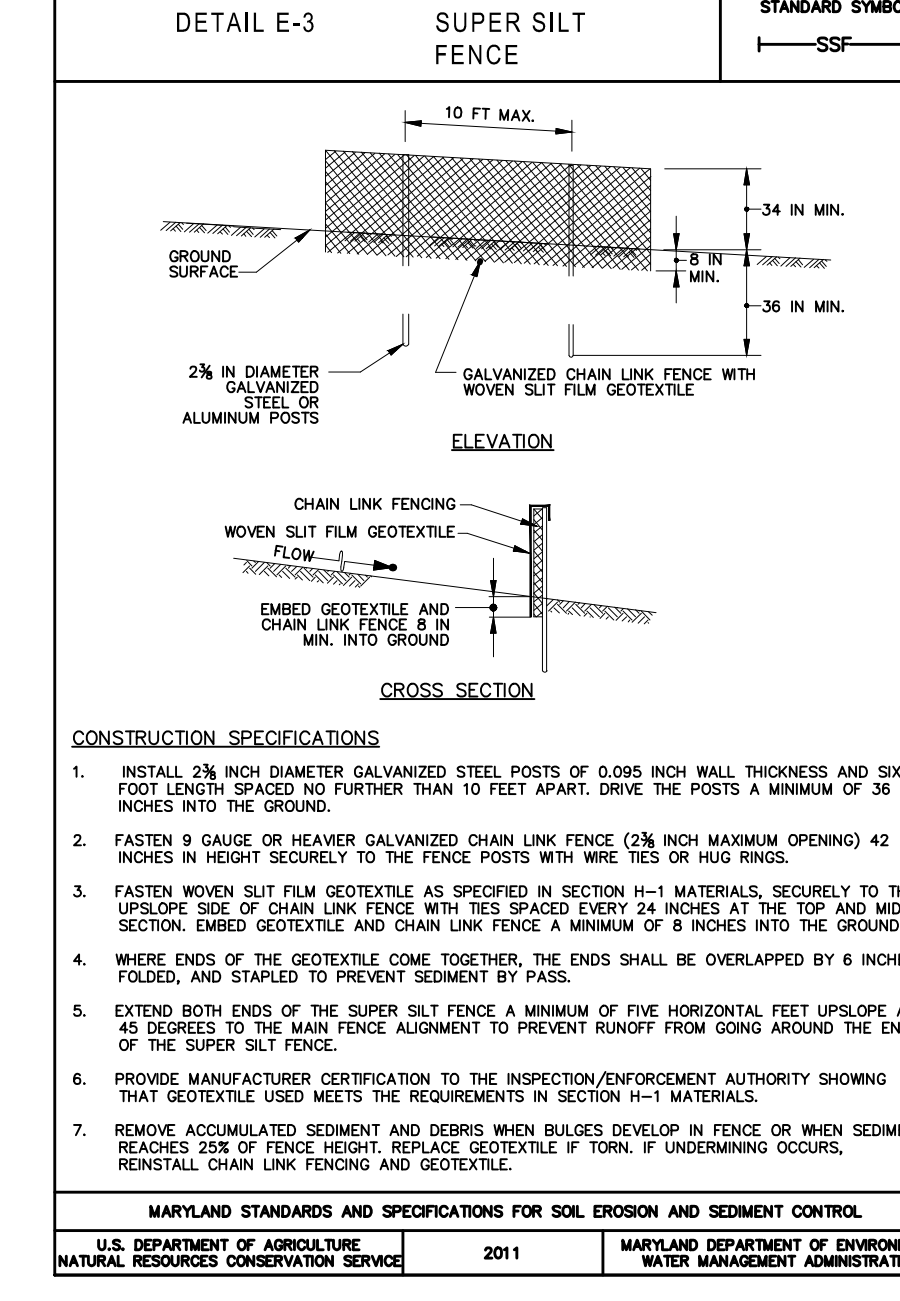
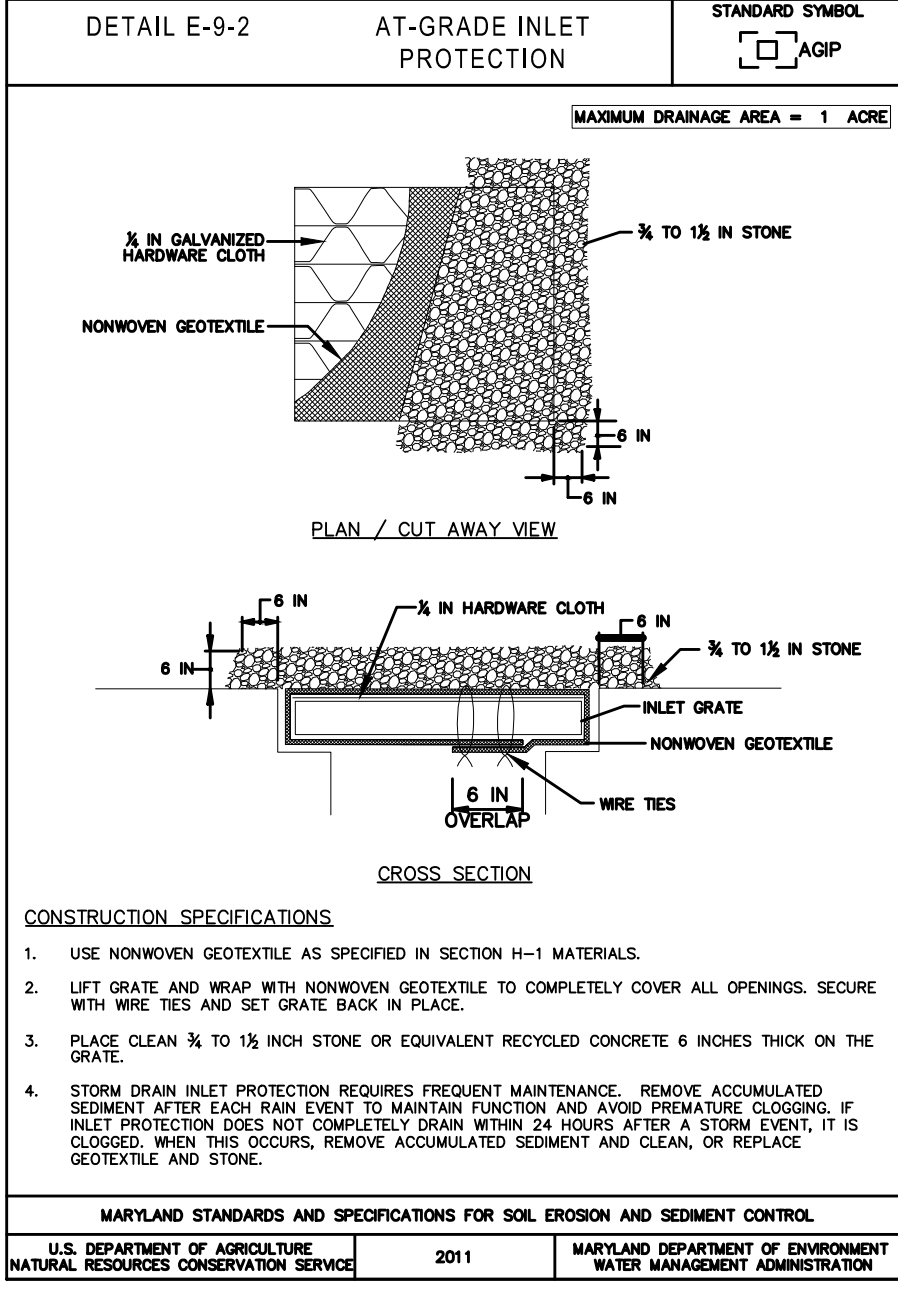
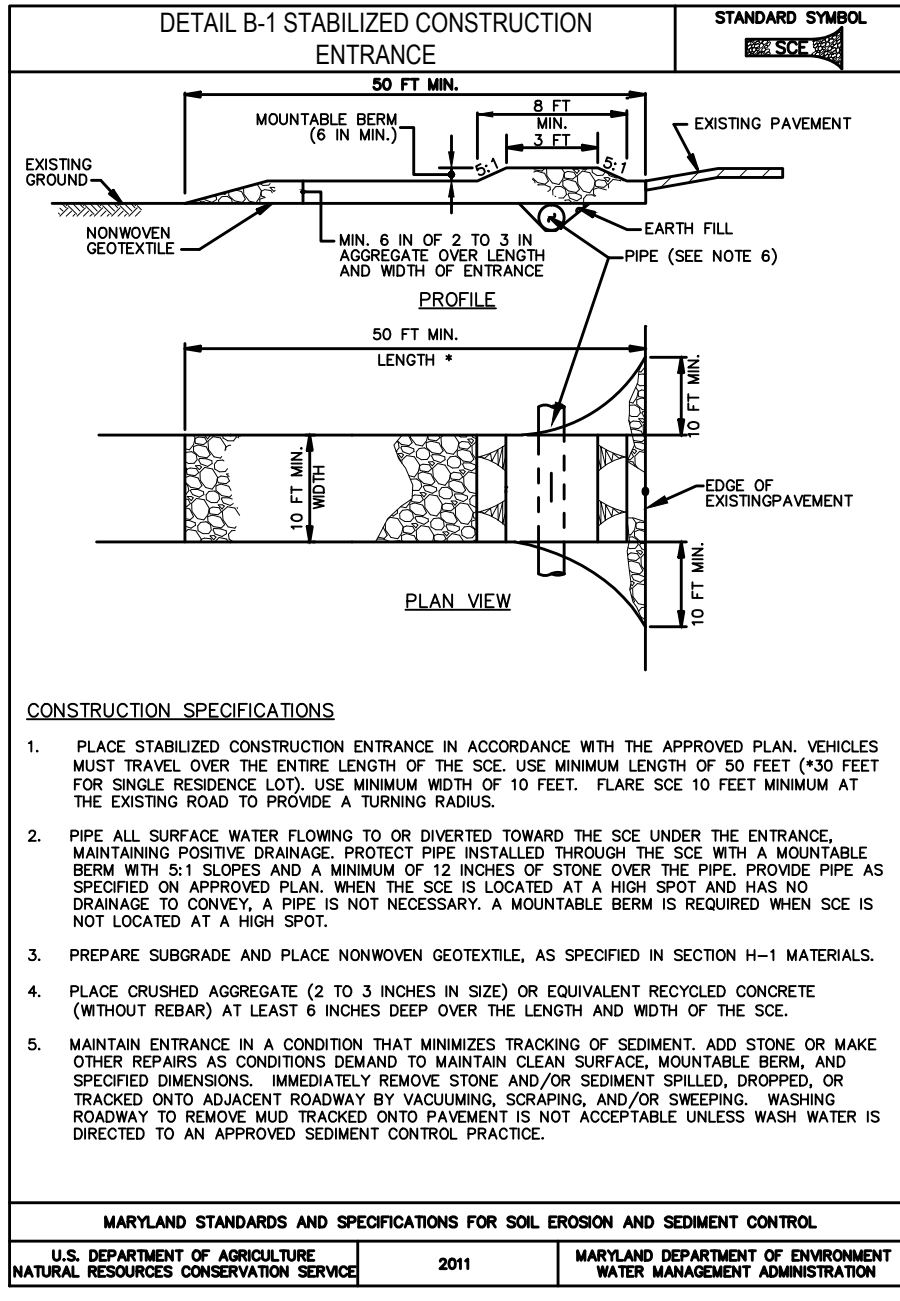
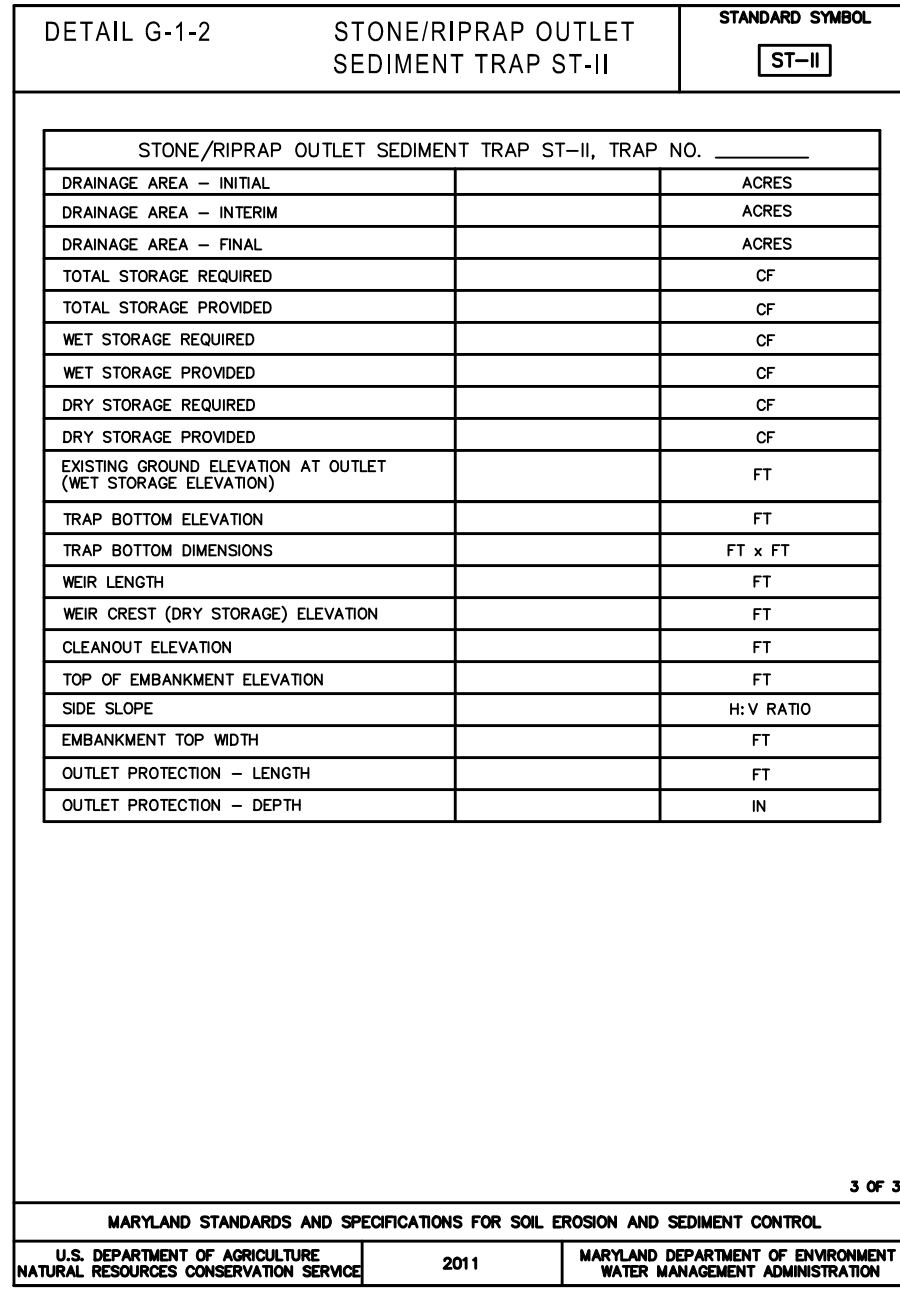
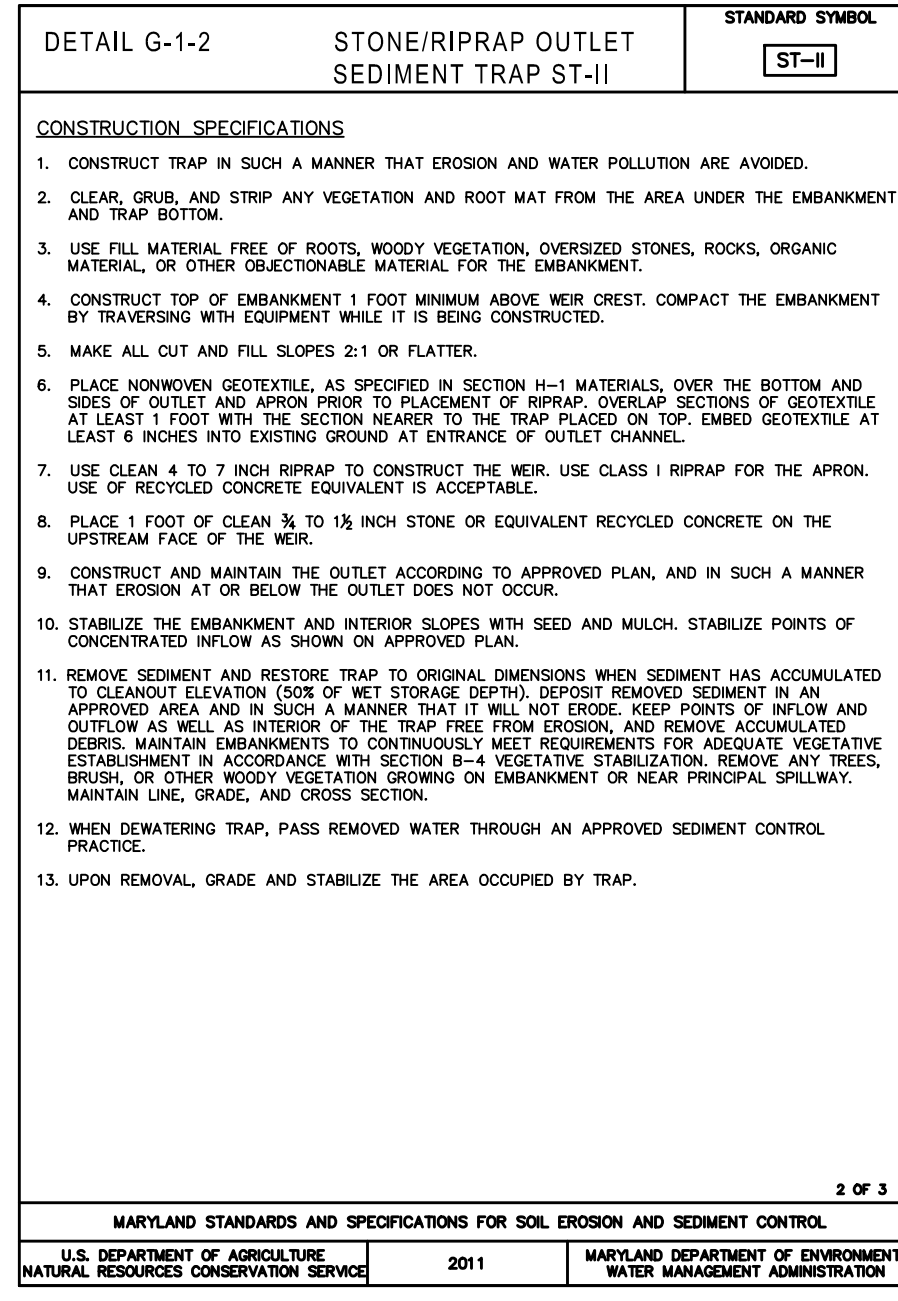
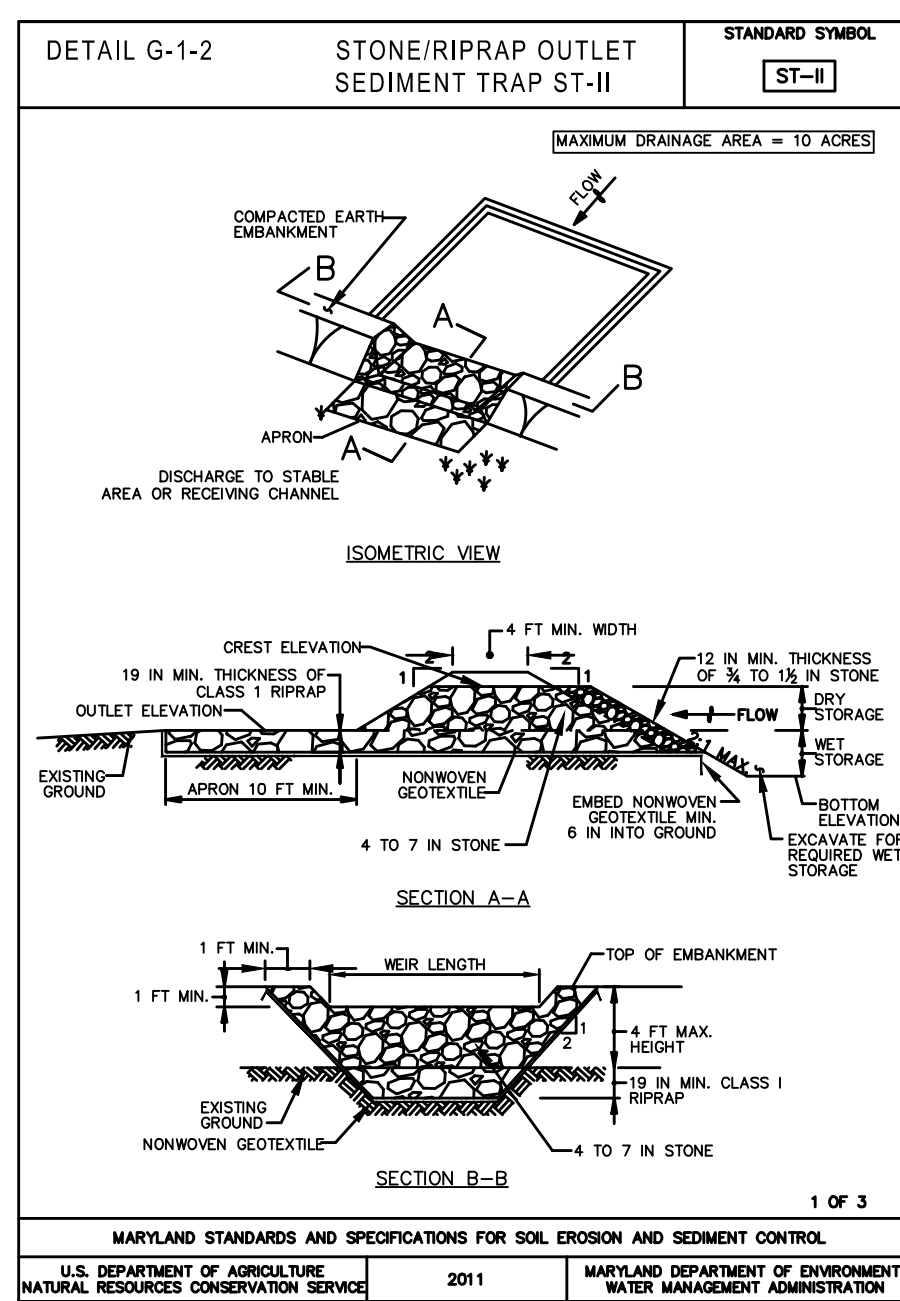
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**OVID HAZEN WELLS PARK**  
 EROSION AND SEDIMENT CONTROL PLAN **ESC-6**  
 Scale: 1"=40' Liber05738 Folio0055



Designer's Name  
Address  
City/State/Zip  
Telephone Number

DESIGN  
Landscape Architect Date Checked By:  
Architect Date Checked By:  
Engineer Date Checked By:  
Drawn by Date Checked By:

DATE: Feb. 1997  
REVISION: May 1997  
SCALE: NONE

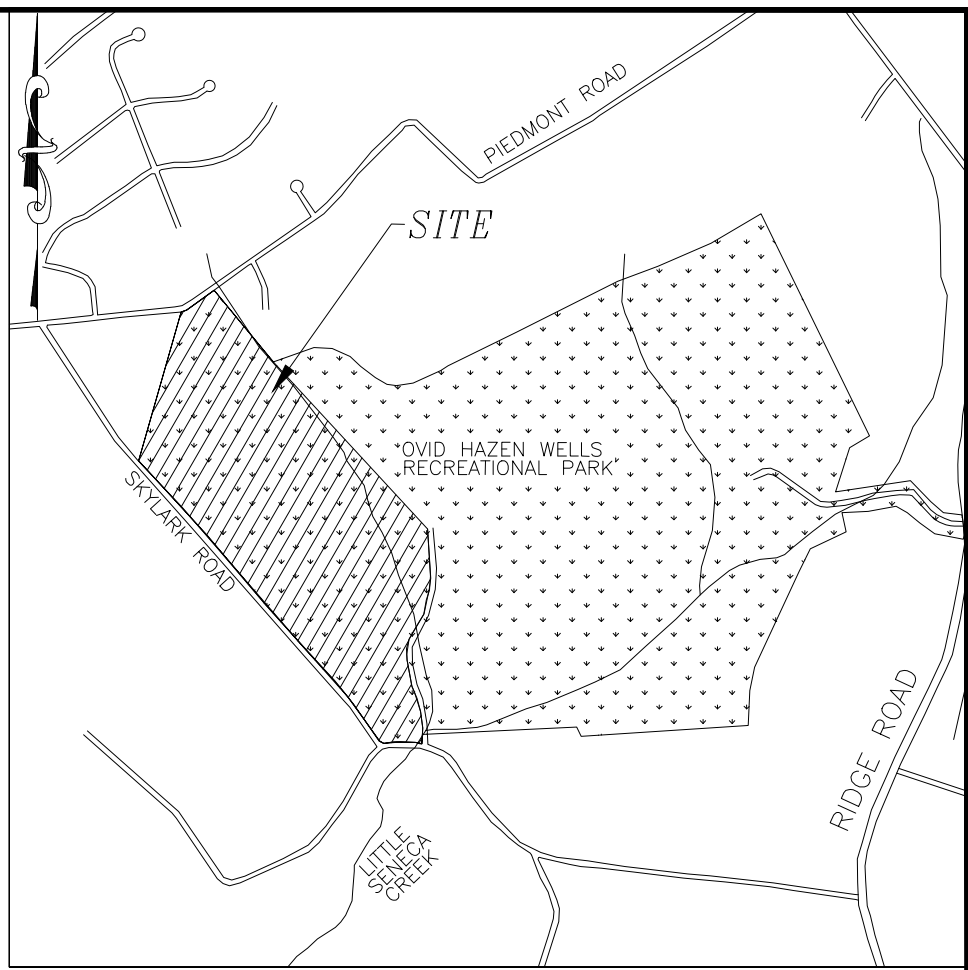
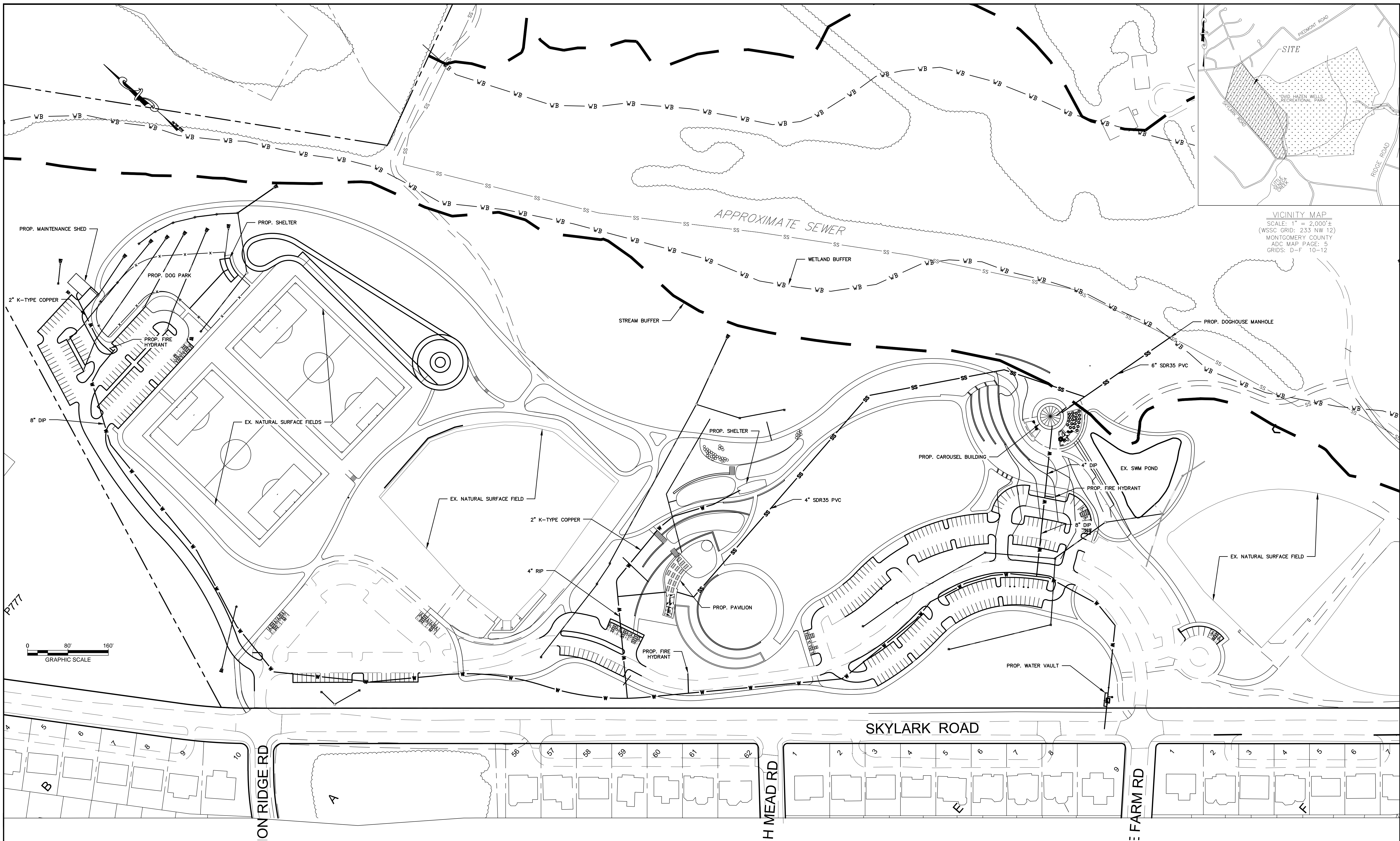
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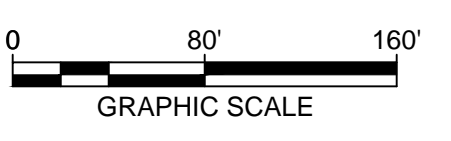
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**OVID HAZEN WELLS PARK**  
EROSION AND SEDIMENT CONTROL  
DETAILS  
Scale: 1/4" = 1'-0"  
Liber 05738 Folio 0055



VICINITY MAP  
 SCALE: 1" = 2,000'±  
 (WSSC GRID: 233 NW 12)  
 MONTGOMERY COUNTY  
 ADC MAP PAGE: 5  
 GRIDS: D-F 10-12



P777

Designer's Name	
Address	
City/State/Zip	
Telephone Number	

DESIGN	
Landscape Architect Date	Checked By:
Architect Date	Checked By:
Engineer Date	Checked By:
Drawn by Date	Checked By:

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**OVID HAZEN WELLS PARK**  
**UTILITY PLAN**  
 Scale: 1"=80' Liber 05738 Folio 0055

UT-1