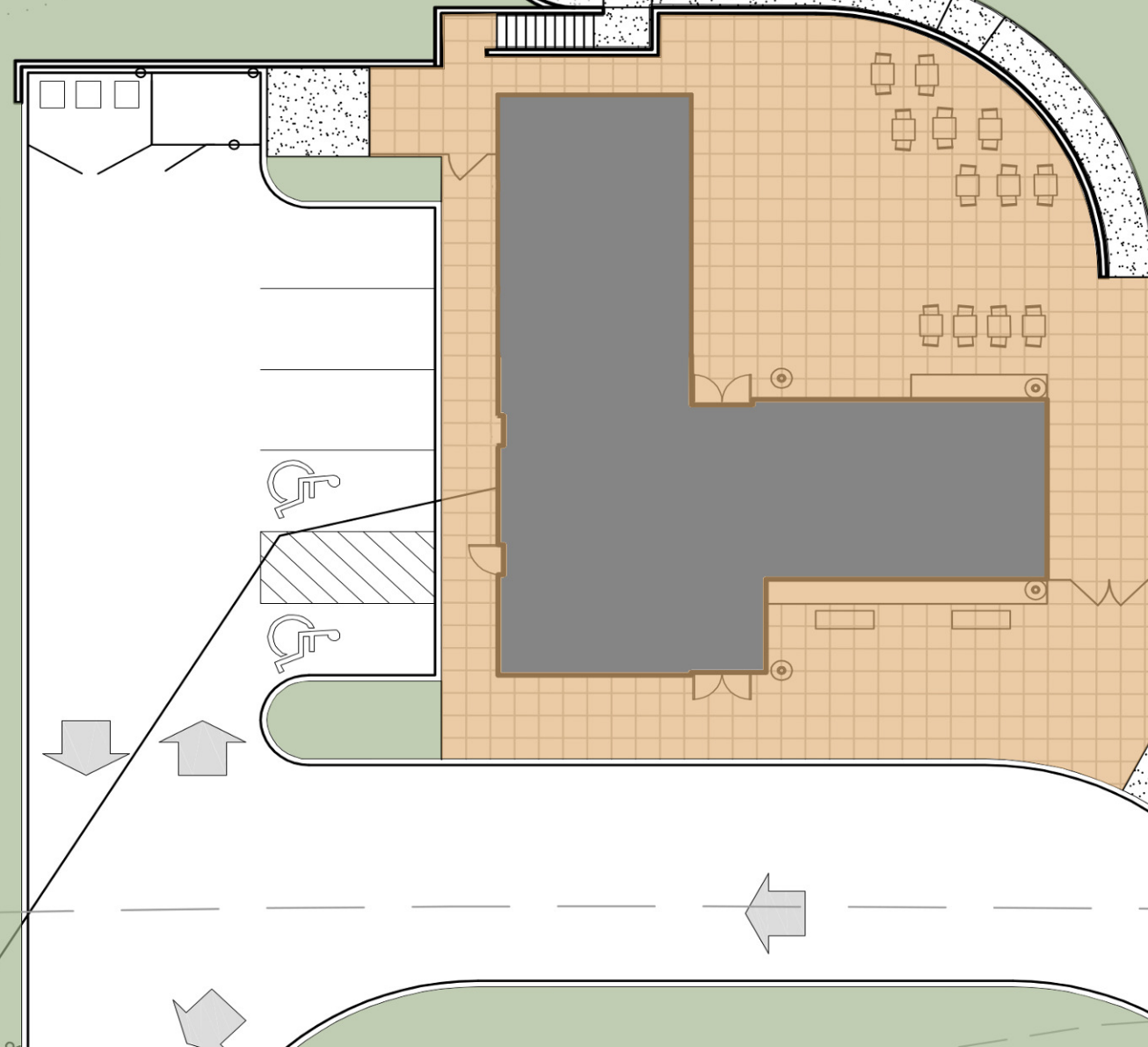


# JOSIAH HENSON PARK - FACILITY PLAN

ARCHITECTURE / ENGINEERING DESIGN  
 VISITOR CENTER BUILDING (Alternate) DRAWINGS  
 MAY 28, 2013



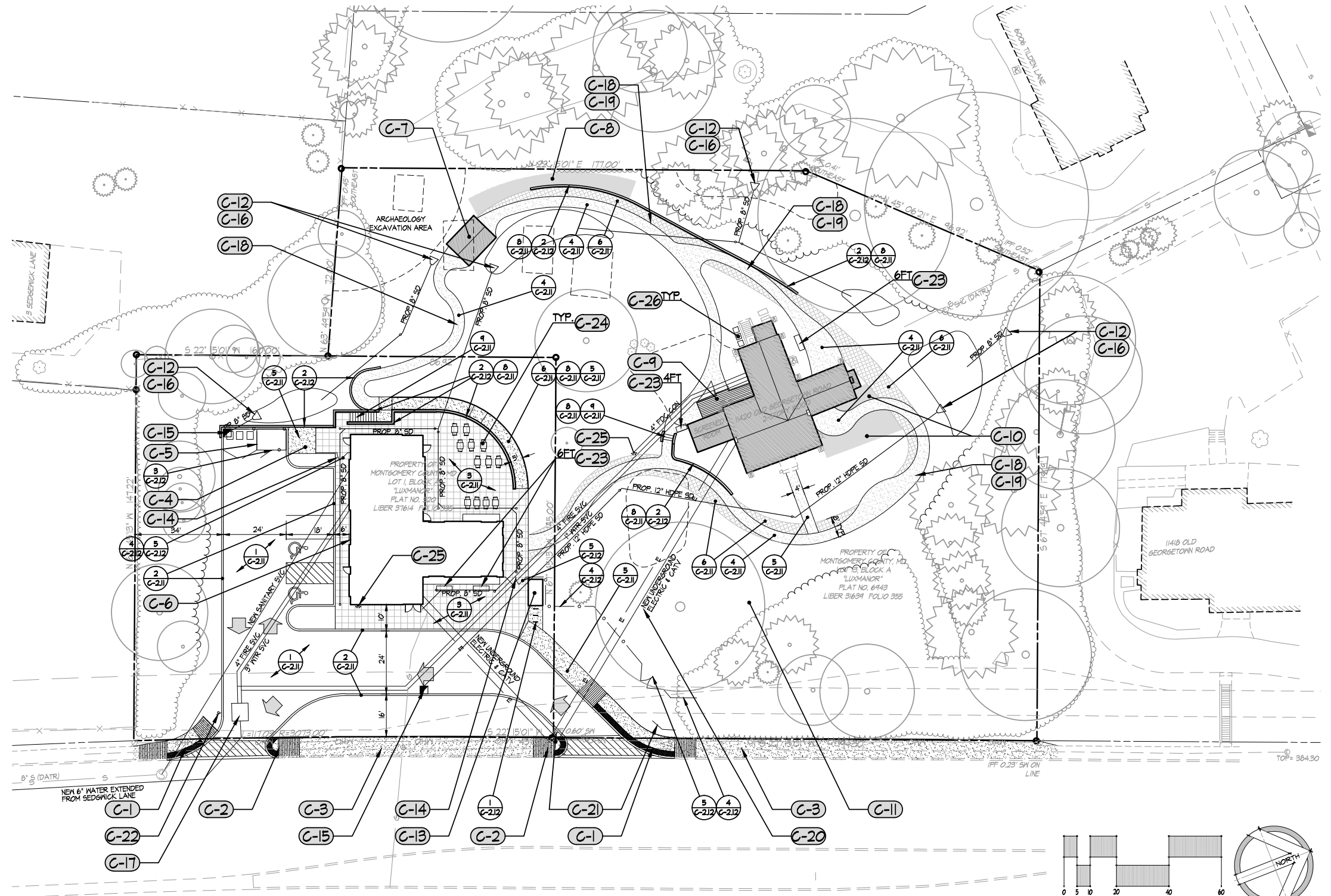
NUM.	SHEET NAME
VISITOR CENTER BUILDING	
1 C-VCB	SITE PLAN
2 C-VCB	PLANTING PLAN
NRI/FSD 3 C-VCB	NRI / FSD SITE PLAN
NRI/FSD 4 C-VCB	TREE SAVE PLAN
SWM-01 5 C-VCB	SITE GRADING / EROSION & SEDIMENT CONTROL PLAN
SWM-02 6 C-VCB	EROSION & SEDIMENT CONTROL DETAILS
SWM-03 7 C-VCB	EROSION & SEDIMENT CONTROL NOTES
SWM-04 8 C-VCB	STORMWATER MANAGEMENT CONCEPT PLAN
NRI/FSD 9 C-VCB	NRI / FSD NOTES
NRI/FSD 10 C-VCB	TREE SAVE NOTES
11 C-VCB	EARTHWORK STUDY
12 A-VCB	CODE CRITERIA - VISITOR CENTER
13 A-VCB	BASEMENT PLAN
14 A-VCB	FIRST FLOOR PLAN
15 A-VCB	ROOF PLAN
16 A-VCB	FIRST FLOOR REFLECTED CEILING PLAN
17 A-VCB	EXTERIOR ELEVATIONS
18 A-VCB	EXTERIOR ELEVATIONS
19 A-VCB	BUILDING SECTIONS
20 A-VCB	SITE SECTIONS
21 S-VCB	BASEMENT PLAN
22 S-VCB	FIRST FLOOR PLAN
23 S-VCB	ROOF PLAN
24 S-VCB	SECTIONS & DETAILS
25 S-VCB	TRUSS ELEVATIONS
26 M-VCB	MECHANICAL PLANS
27 M-VCB	MECHANICAL SCHEDULES
28 P-VCB	PLUMBING PLANS
29 P-VCB	PLUMBING PLANS
30 E-VCB	SITE PLAN ELECTRICAL
31 E-VCB	BASEMENT, FIRST & SECOND FLOOR PLANS - LIGHTING & POWER
32 E-VCB	POWER RISER DIAGRAMS
33 E-VCB	ELECTRICAL SCHEDULES

GENERAL NOTE:

REFER TO EXHIBIT DESIGN DRAWINGS FOR ALL OUTDOOR MUSEUM INTERPRETIVE GRAPHIC SIGNS AND OTHER OUTDOOR EXHIBIT DETAILS.

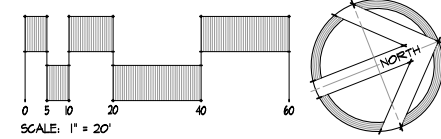
CONSTRUCTION NOTES:

- C-1 INSTALL CURB RAMP PER MSHA DETAIL MD 655.12 SIDEWALK RAMP PARALLEL
- C-2 INSTALL CURB RAMP PER MSHA DETAIL MD 655.11 SIDEWALK RAMP PERPENDICULAR
- C-3 INSTALL CONCRETE SIDEWALK PER MSHA
- C-4 CONCRETE PAD FOR SHED
- C-5 FENCE AND GATE ENCLOSURE FOR TEMPORARY PORTABLE TOILETS, AND TRASH AND RECYCLING RECEPTACLES (M-NCPCC SHALL FURNISH THESE ITEMS)
- C-6 PARKING SIGNAGE MOUNTED TO BUILDING
- C-7 PORTAL - REFER TO EXHIBIT DRAWINGS.
- C-8 FARMING EXHIBIT
- C-9 WOOD DECKING - REFER TO ARCHITECTURAL DRAWINGS
- C-10 KITCHEN GARDEN EXHIBIT
- C-11 FORMER DRIVEWAY CONVERTED TO LAWN
- C-12 6'x6' EROSION CONTROL / STABILIZATION MATTING
- C-13 PROPOSED KIOSK (SEE ARCH DWGS)
- C-14 PROPOSED AFTER-HOURS ACCESS GATE
- C-15 MSHA PRECAST STANDARD TYPE 5 INLET SINGLE GRATE, MD 314.13
- C-16 HOPE FLARED END SECTION
- C-17 WATER METER
- C-18 WALKWAY WIDTH FLUCTUATES, MINIMUM 4' WIDE
- C-19 WALKWAY AND STABILIZED TURF COMBINED TO BE MINIMUM 8' WIDE
- C-20 INSTALL ELECTRIC AND CATV CONNECTION VIA DIRECTIONAL BORING
- C-21 PARK ENTRY SIGN
- C-22 "EXIT ONLY" SIGN
- C-23 BENCH - VICTOR STANLEY, MODEL GR-140, BLACK POWDER COAT, OR APPROVED EQUAL (1- 4FT BENCH, 3- 6FT BENCHES)
- C-24 TABLE AND CHAIRS SET - COMMERCIAL OUTDOOR, WOODYARD AVERY BISTRO SET (ITEM CODE: WRAVEDS), TEXTURED BLACK FINISH, OR APPROVED EQUAL (12 SETS TOTAL)
- C-25 FIRE DEPARTMENT CONNECTION (FDC) SEE MEP DRAWINGS FOR MORE INFORMATION.
- C-26 CONDENSER UNITS (SEE MEP DRAWINGS FOR MORE INFORMATION)



LEGEND:

	PROPERTY LINE		EXISTING CURB		EXISTING FENCE		PROPOSED WOOD WALKWAY/DECKING
	EXISTING TREELINE		EXISTING STORM DRAIN		EXISTING BUILDING		PROPOSED CURBING
	EXISTING TREES		EXISTING WATER		AREAS OF ARCHAEOLOGICAL INTEREST		PROPOSED FENCE
	EXISTING SHRUBS		EXISTING SANITARY SEWER		PROPOSED WOODSLINE		PROPOSED RETAINING WALL
	EXISTING WALK		EXISTING GAS		PROPOSED WALK TAR & CHIP / CONCRETE		PROPOSED BUILDING
	EXISTING ROAD		EXISTING ELECTRIC		PROPOSED STABILIZED TURF		PROPOSED ELECTRIC CABLE
			EXISTING OVERHEAD ELECTRIC				PROPOSED 6" WATER
			EXISTING LIGHTING				PROPOSED 8" SANITARY SEWER
							DETAIL REFERENCE



**SITE RESOURCES**  
 incorporated  
 Comprehensive Land Planning & Site Design Services  
 14315 Jarrettsville Pike • Phoenix, Maryland 21131  
 (410) 683-3388 • fax (410) 683-3389

**lscdesign**  
 architects engineers  
 1110 East Princess St  
 York, Pennsylvania 17403  
 t: 717.845.8383  
 f: 717.852.0916

DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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. \_\_\_\_\_  
 Expiration Date \_\_\_\_\_



**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

**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**SITE PLAN**

**C-VCB**

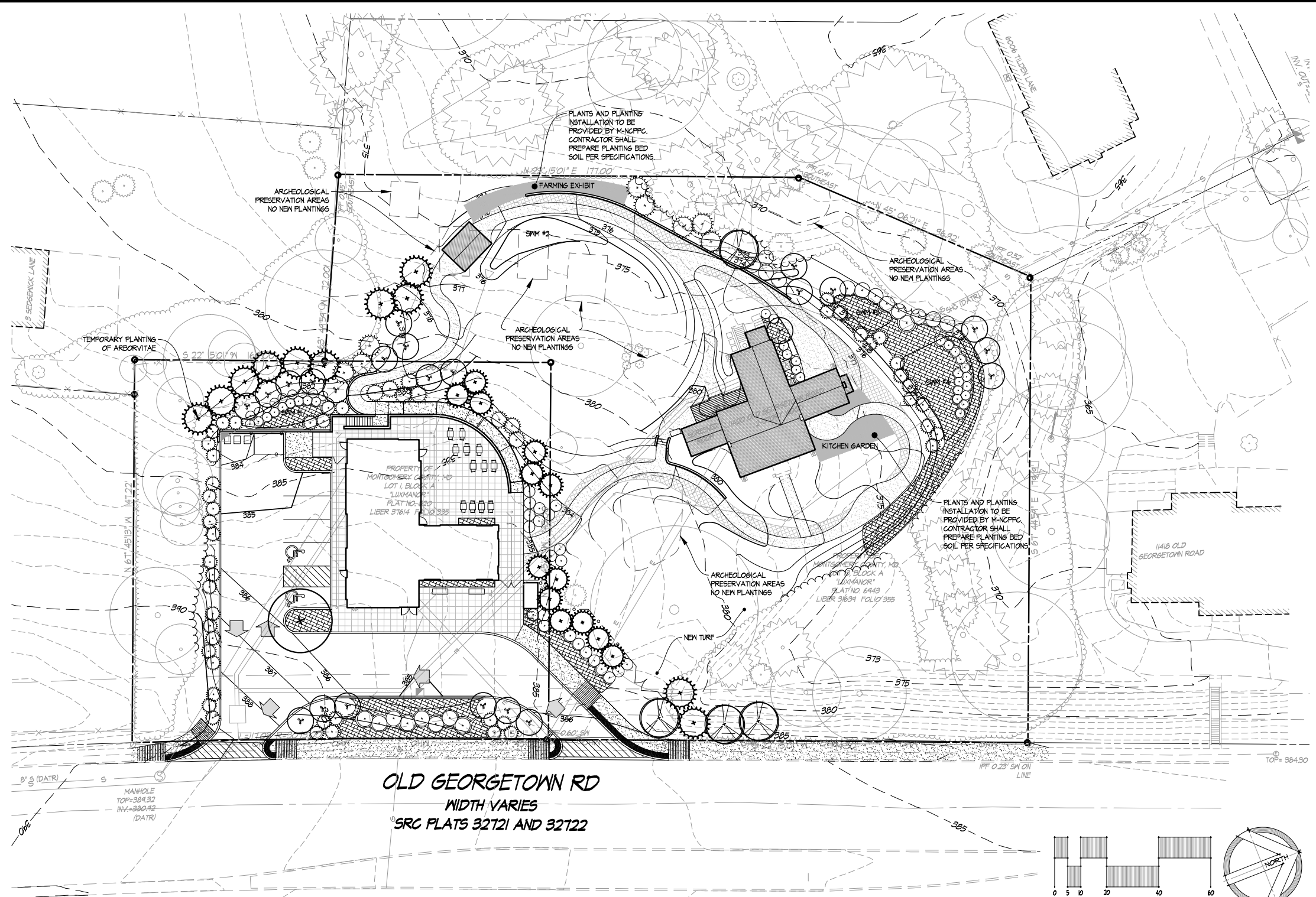
SHT. # 1 of 33  
 MAY 28, 2013

NOT FOR CONSTRUCTION

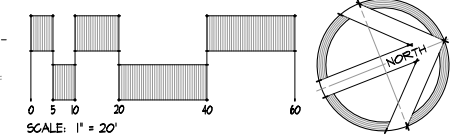


SUGGESTED PLANT PALETTE

Table with 2 columns: BOTANICAL NAME and COMMON NAME. Lists various plant species including shade trees, evergreen trees, ornamental trees, shrubs, groundcovers, and bioretention plants.



OLD GEORGETOWN RD  
WIDTH VARIES  
SRC PLATS 32721 AND 32722



LEGEND:

Legend table defining symbols for property lines, existing and proposed trees, shrubs, buildings, curbs, fences, and utilities.

NOT FOR CONSTRUCTION

SITE RESOURCES incorporated logo and contact information for land planning and site design services.

lscdesign architects engineers logo and contact information.

DESIGN table with columns for Landscape Architect, Architect, Engineer, and Drawn by, including Date and Checked By fields.

Professional Certification text: 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.



The Maryland-National Capital Park and Planning Commission logo and address information.

REVIEW AND APPROVAL table with columns for Project Manager, Construction Manager, and Park Manager, including Date fields.

ISSUED FOR PROCUREMENT ON table with columns for Revisions, Rev. No., Date, and Description.

Josiah Henson Park - Facility Plan information, including address, RFP number, and scale.

C-VCB SHT. # 2 of 33 MAY 28, 2013

Project name / owner  
**JOSIAH HENSON SPECIAL PARK PROJECT**  
 11420 OLD GEORGETOWN RD  
 ROCKVILLE, MARYLAND 20852

MSDC Ord No.: 214N405 and 210N406  
 Tax Map No.: G051, Block A, Lot 1  
 MSDC Ord No.: 215N405  
 Tax Map No.: G052, Block A, Lot 13

Rockville, Montgomery County, MD  
 soil / stamp

**iscdesign**  
 architects engineers

Project team

Architect:  
 LSC Design Inc  
 1110 East Princess Street  
 York, PA 17403

Exhibit Designer:  
 Experience Design  
 352 Congress Street  
 Boston, MA 02210

Civil Engineer, Landscape Architect:  
 Site Resources, Inc.  
 14315 Jarrattville Pike  
 Phoenix, MD 21131

Surveyor:  
 A. Motion Truax  
 1250 Parkman Drive, Suite 400  
 Rockville, MD 20852

Structural Engineer:  
 Kees & Todd Co.  
 1850 M Street NW, Suite 610  
 Washington DC 20036

MEP Engineer:  
 Century Engineering, Inc.  
 10730 Glady Road  
 Hunt Valley, MD 21031

Lighting Designer:  
 Bruce Design Lighting Design LLC  
 1134 York Road, Suite 210  
 Lutherville, MD 21088

Environmental Consultant:  
 Eco-Science Professional, Inc.  
 P.O. Box 5038  
 Gaithersburg, MD 20878

JOHN CAHOLES  
 MD DMR PCA QUALIFIED PROFESSIONAL

revisions

no.	date	description

project month  
 See Plan

APPROVED  
 NRI/FSD No. 42021950  
 Date Approved: August 2, 2012  
 Expiration Date: August 2, 2014

date  
 06-12-2012

project no.  
 SRI PROJECT NO. 10008

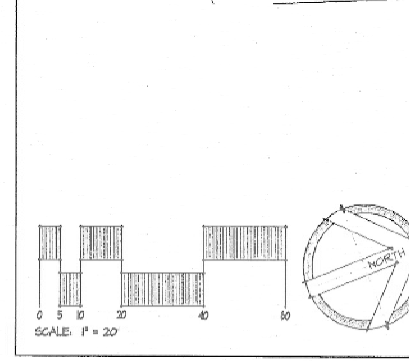
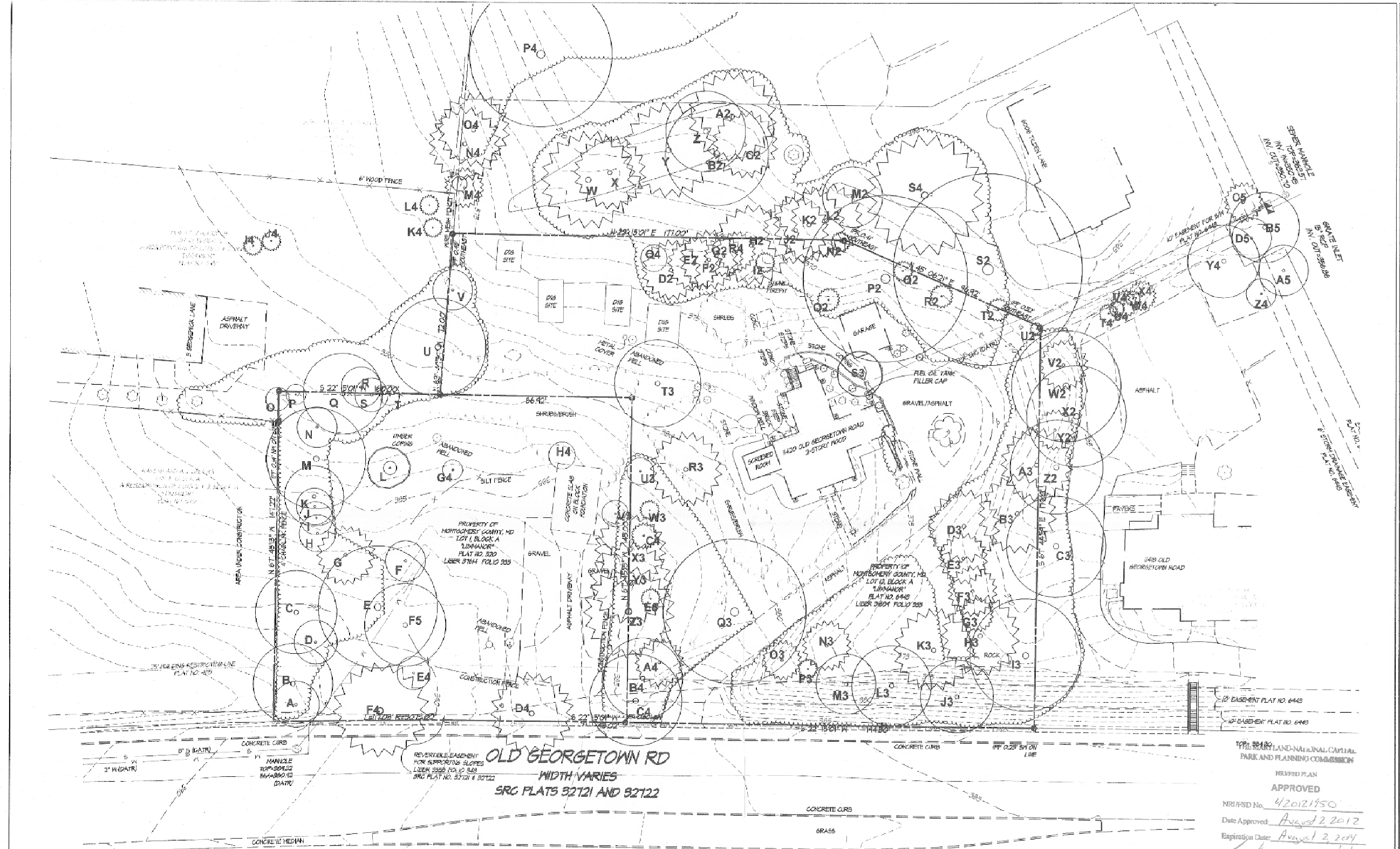
drawing set  
 PRELIMINARY DESIGN

drawing title  
 NRI/FSD SITE PLAN

sheet no.  
 C-VCB

SHT. # 3 of 33

MAY 28, 2013



**LEGEND**

- EXISTING CONTOURS
- AERIAL EXTENT OF TREE COVER
- EXISTING SHRUBS AND BRUSH
- EXISTING TREES
- EXISTING SHRUBS
- SLOPES GREATER THAN 25%

**Tree List**

Key	Species, Size (dbh)	** specimen tree
A	Black locust, 14"	
B	Black locust, 24"	
C	Black locust, 24.5"	
D	Red oak, 8"	
E	Red maple, 20.5"	
F	Flowering dogwood, 4" dbh stem 1" x 1.5"	
G	Virginia pine, 11.5"	
H	Red maple, 11.5"	
I	Red maple, 10"	
J	Red maple, 11"	
K	Red maple, 15"	
L	Redbud, six stems 2-4" each	
M	Cherry, 30" dbh	
N	Parishman, 12" dbh stems	
O	Parishman, 1"	
P	Parishman, 8"	
Q	Sycamore, 24"	
R	Hickory, 12"	
S	Parishman, 10"	
T	Red oak, 6"	
U	English holly, 24"	
V	Southern magnolia, 12"	

Key	Species, Size (dbh)
A1	White pine, 24"
X	White pine, 14"
Y	White pine, 20.5"
Z	White pine, 24"
A2	White pine, 24"
B2	Karriakia, 22" dbh stem, 31" dbh
C2	Norway spruce, 11"
D2	White pine, 11.5"
E2	White pine, 16"
F2	White pine, 18"
G2	White pine, 12"
H2	White pine, 12"
I2	Chinese holly, 6"
J2	White pine, 20"
K2	White pine, 22"
L2	White pine, 22"
M2	Silver maple, 16"
N2	White pine, 22"
O2	Norway spruce, 14"
P2	White oak, 42.5" dbh
Q2	Chinese holly, 6"
R2	Chinese holly, 1"

Key	Species, Size (dbh)
S2	Red maple, twin stems, 32.5" x 34.5" dbh
T2	Chinese holly, 8"
Y2	Yew, 4" dbh stem
V2	Norway spruce, 15"
W2	White pine, 24"
X2	English holly, 20" dbh
Y2	White pine, 12"
Z2	English holly, 28" dbh, light attached to tree
A3	Norway spruce, 20"
B3	White pine, 22"
C3	English holly, twin stems 30" dbh
D3	Norway spruce, 18.5"
E3	Norway spruce, 15"
F3	Norway spruce, 15"
G3	Norway spruce, 10"
H3	Norway spruce, 24"
I3	Laurel oak, 38.5" dbh
J3	Norway spruce, 22"
K3	Norway spruce, 24.5"
L3	White pine, 24"
M3	Blue spruce, 6"
N3	Norway spruce, 6"

Key	Species, Size (dbh)
O4	Norway spruce, 12"
P4	Evergreen cedar, 6"
Q4	Willow oak, 43" dbh
R4	Norway spruce, 22"
S4	Trident maple, 13.5"
T4	American holly, 28"
U4	Chinese holly, 8"
V4	Black cherry, 8"
W4	American holly, 6"
X4	Red cedar, 8"
Y4	Red cedar, 8"
Z4	Red cedar, 8"
A5	Ash, 25"
B5	Norway spruce, 8"
C5	White pine, 22"
D5	Star magnolia, 10"
E5	Atlas cedar, 24.5"
F5	Japanese maple, 4"
G5	Redbud, 8"
H5	Blue spruce, 6"
I5	Norway spruce, 6"

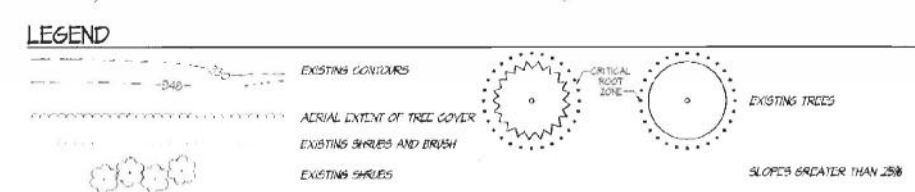
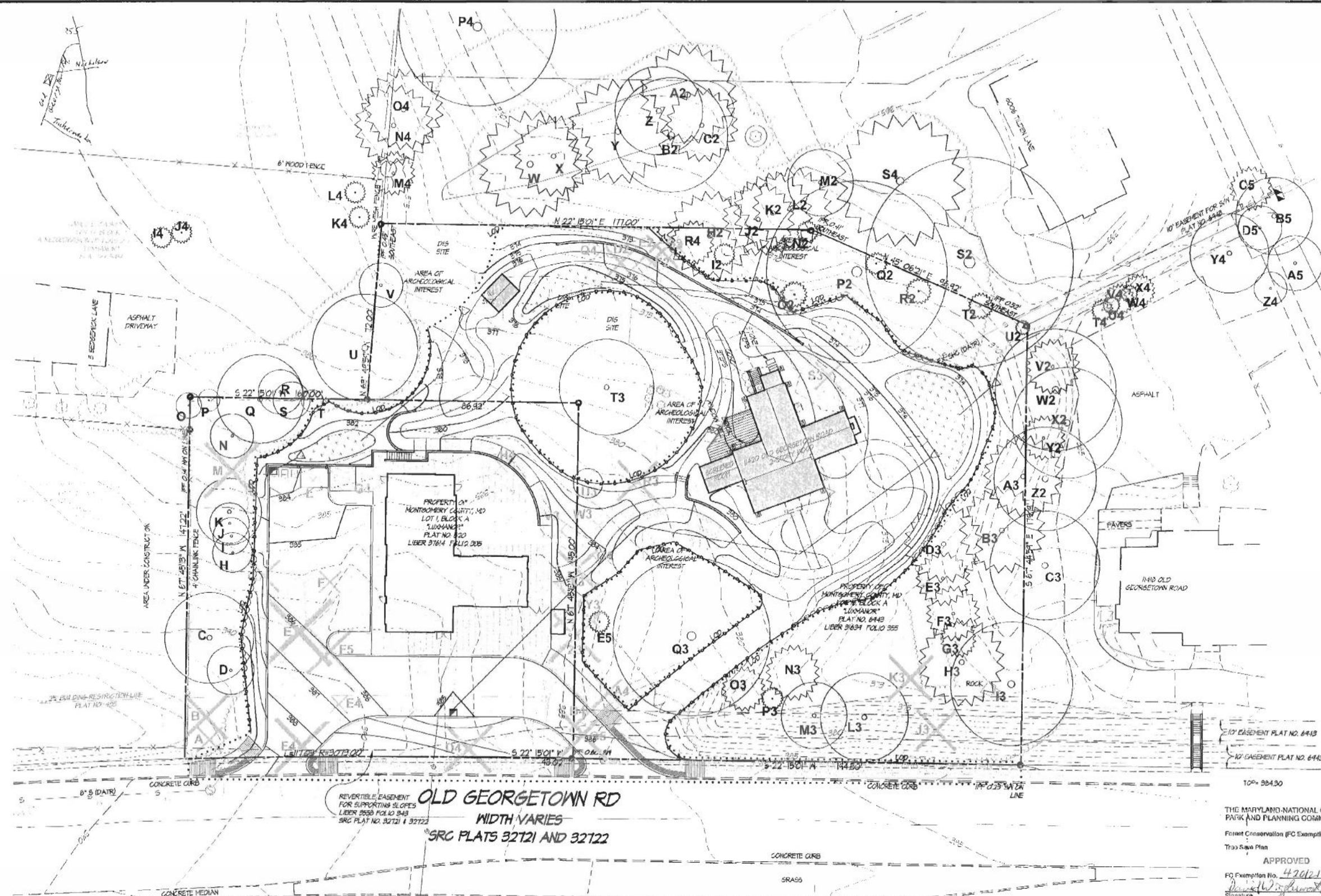
Key	Species, Size (dbh)
J4	Yew, 2"
K4	Red cedar, 6"
L4	White pine, 12"
M4	White pine, 22"
N4	White pine, 29"
O4	Silver maple, 34" dbh
P4	Black cherry, 8"
Q4	American holly, 6"
R4	White pine, 33"
S4	Red cedar, 8"
T4	Red cedar, 8"
U4	Red cedar, 10"
V4	Red cedar, 8"
W4	Red cedar, 8"
X4	Red cedar, 8"
Y4	Red maple, twin stems, 16", 6"
Z4	Red maple, triple stems, 18", 14", 12"
A5	Norway spruce, 14"
B5	Red maple, twin stems, 14", 14"
C5	Blue spruce, 6"
D5	Red maple, 24"

See Sheet C-B.02 for plan notes, tables, and site conditions narrative

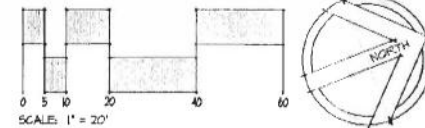
NOT FOR CONSTRUCTION



Key	Species, Size (dbh)	*Specimen tree	Impact to Tree
A	Black locust, 14'		to be removed
B	Black locust, 24'		to be removed
C	Black walnut, 24.5"		to be removed
D	Red oak, 18'		to be removed
E**	Red maple, 33.5" **		to be removed
F	Flowering dogwood, split stem 11' x 15'		to be removed
G	Virginia pine, 11.5'		to be removed
H	Red maple, 17.5'		to be removed
I	Red maple, 12'		to be removed
J	Red maple, 11'		to be removed
K	Red maple, 16'		to be removed
L	Radiata, six stems 2-4' each		to be removed
M**	Cherry, 50" **		to be removed
N	Parishman, 12' 1/2" stem		
O	Parishman, 7'		
P	Parishman, 6'		
Q**	Sycamore, 24" **		
R	Milberry, 12'		
S	Parishman, 10'		
T	Radiata, 6'		
U**	English holly, 24" **		
V	Southern magnolia, 12'		
X	White pine, 24'		
Y	White pine, 28.5'		
Z	White pine, 24'		
A2	White pine, 21'		
B2**	Kentucky coffee-tree, 31" **		
C2	Norway spruce, 11'		
D2	White pine, 18'		to be removed
E2	White pine, 16'		to be removed
F2	White pine, 16'		to be removed
G2	White pine, 12'		to be removed
H2	White pine, 12'		to be removed
I2	Chinese holly, 6'		
J2	White pine, 20'		
K2	White pine, 22'		
L2	White pine, 22'		
M2	Silver maple, 16'		
N2	Atlas cedar, 6'		
O2	Norway spruce, 1'		
P2**	Willow oak, 44.5" **		
Q2	Chinese holly, 6'		
R2	Chinese holly, 1'		
S2**	Red maple, 1 1/2" stems, 32.5" x 24.5" **		
T2	Chinese holly, 3'		
U2	Yew, 4" multi-stem		
V2	Norway spruce, 15'		
W2**	English holly, 33" **		
X2**	English holly, 30" **		
Y2	White pine, 12'		
Z2	English holly, 28" - light attached to tree		
A3	Norway spruce, 20'		
B3	White pine, 22'		
C3**	English holly, 1 1/2" stems 30" **		
D3	Norway spruce, 10.5'		
E3	Norway spruce, 10'		
F3	Norway spruce, 10'		
G3	Norway spruce, 10'		
H3	Norway spruce, 10'		
I3	Norway spruce, 10'		
J3	Norway spruce, 10'		
K3	Norway spruce, 10'		
L3	Norway spruce, 10'		
M3	Norway spruce, 10'		
N3	Norway spruce, 10'		
O3	Norway spruce, 10'		
P3	Norway spruce, 10'		
Q3	Norway spruce, 10'		
R3	Norway spruce, 10'		
S3	Norway spruce, 10'		
T3	Norway spruce, 10'		
U3	Norway spruce, 10'		
V3	Norway spruce, 10'		
W3	Norway spruce, 10'		
X3	Norway spruce, 10'		
Y3	Norway spruce, 10'		
Z3	Norway spruce, 10'		
A4	Atlas cedar, 25.5'		to be removed
B4	Atlas cedar, 25.5'		to be removed
C4	Atlas cedar, 25.5'		to be removed
D4	Atlas cedar, 25.5'		to be removed
E4	Atlas cedar, 25.5'		to be removed
F4	Atlas cedar, 25.5'		to be removed
G4	Atlas cedar, 25.5'		to be removed
H4	Atlas cedar, 25.5'		to be removed
I4	Atlas cedar, 25.5'		to be removed
J4	Atlas cedar, 25.5'		to be removed
K4	Atlas cedar, 25.5'		to be removed
L4	Atlas cedar, 25.5'		to be removed
M4	Atlas cedar, 25.5'		to be removed
N4	Atlas cedar, 25.5'		to be removed
O4	Atlas cedar, 25.5'		to be removed
P4	Atlas cedar, 25.5'		to be removed
Q4	Atlas cedar, 25.5'		to be removed
R4	Atlas cedar, 25.5'		to be removed
S4	Atlas cedar, 25.5'		to be removed
T4	Atlas cedar, 25.5'		to be removed
U4	Atlas cedar, 25.5'		to be removed
V4	Atlas cedar, 25.5'		to be removed
W4	Atlas cedar, 25.5'		to be removed
X4	Atlas cedar, 25.5'		to be removed
Y4	Atlas cedar, 25.5'		to be removed
Z4	Atlas cedar, 25.5'		to be removed
A5	Atlas cedar, 25.5'		to be removed
B5	Atlas cedar, 25.5'		to be removed
C5	Atlas cedar, 25.5'		to be removed
D5	Atlas cedar, 25.5'		to be removed
E5	Atlas cedar, 25.5'		to be removed
F5	Atlas cedar, 25.5'		to be removed
G5	Atlas cedar, 25.5'		to be removed
H5	Atlas cedar, 25.5'		to be removed
I5	Atlas cedar, 25.5'		to be removed
J5	Atlas cedar, 25.5'		to be removed
K5	Atlas cedar, 25.5'		to be removed
L5	Atlas cedar, 25.5'		to be removed
M5	Atlas cedar, 25.5'		to be removed
N5	Atlas cedar, 25.5'		to be removed
O5	Atlas cedar, 25.5'		to be removed
P5	Atlas cedar, 25.5'		to be removed
Q5	Atlas cedar, 25.5'		to be removed
R5	Atlas cedar, 25.5'		to be removed
S5	Atlas cedar, 25.5'		to be removed
T5	Atlas cedar, 25.5'		to be removed
U5	Atlas cedar, 25.5'		to be removed
V5	Atlas cedar, 25.5'		to be removed
W5	Atlas cedar, 25.5'		to be removed
X5	Atlas cedar, 25.5'		to be removed
Y5	Atlas cedar, 25.5'		to be removed
Z5	Atlas cedar, 25.5'		to be removed



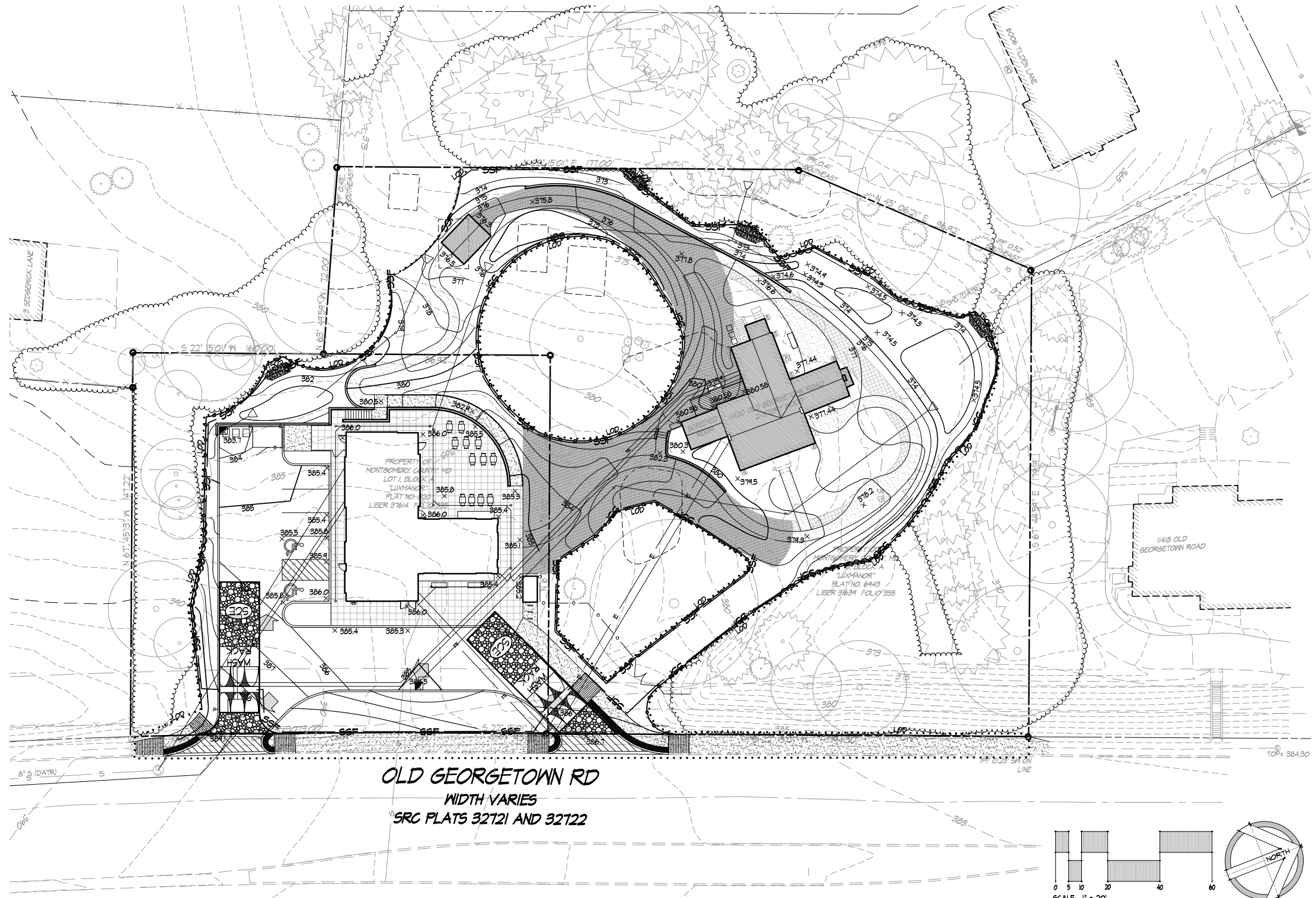
THE MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION  
 Forest Conservation (FC Exemption)   
 Tree Save Plan   
 APPROVED  
 FC Exemption No. 42012125E  
 Signature: [Signature] Date: 4/5/2013  
 Site conditions have been field-verified as part of this approval.



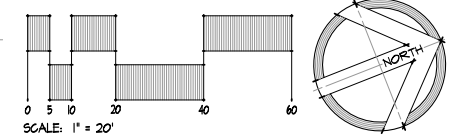
RECEIVED  
 M-NCPPC  
 APR - 5 2013  
 MONTGOMERY COUNTY  
 PLANNING DEPARTMENT

**TREE SAVE PLAN**  
 NOT FOR CONSTRUCTION

 <b>SITE RESOURCES</b> Incorporated Comprehensive Land Planning & Site Design Services 14315 Jurellville Pike - Pikesville, Maryland 21113 (410) 683-3388 - Fax (410) 683-3589	<b>DESIGN</b> <table border="1"> <tr><td>Landscape Architect</td><td>Date</td><td>Checked By:</td></tr> <tr><td>Architect</td><td>Date</td><td>Checked By:</td></tr> <tr><td>Engineer</td><td>Date</td><td>Checked By:</td></tr> <tr><td>Drawn by</td><td>Date</td><td>Checked By:</td></tr> </table>	Landscape Architect	Date	Checked By:	Architect	Date	Checked By:	Engineer	Date	Checked By:	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. _____ Expiration Date _____ 	 <b>The Maryland National Capital Park and Planning Commission</b> Montgomery County Department of Parks 9500 Brunnet Avenue Silver Spring, Maryland 20901 (301) 495-2335	<b>REVIEW AND APPROVAL</b> <table border="1"> <tr><td>Project Manager</td><td>Date</td></tr> <tr><td>Construction Manager</td><td>Date</td></tr> <tr><td>Park Manager</td><td>Date</td></tr> </table>	Project Manager	Date	Construction Manager	Date	Park Manager	Date	<b>ISSUED FOR PROCUREMENT ON</b> <table border="1"> <tr><th>Rev. No.</th><th>Date</th><th>Description</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	Rev. No.	Date	Description							<b>Josiah Henson Park - Facility Plan</b> <b>Josiah Henson Special Park</b> 11420 Old Georgetown Road, Rockville, MD 20852 <b>TREE SAVE PLAN</b> SHT. # 4 of 33 MAY 28, 2013
	Landscape Architect	Date	Checked By:																														
Architect	Date	Checked By:																															
Engineer	Date	Checked By:																															
Drawn by	Date	Checked By:																															
Project Manager	Date																																
Construction Manager	Date																																
Park Manager	Date																																
Rev. No.	Date	Description																															



**OLD GEORGETOWN RD**  
 WIDTH VARIES  
 SRC PLATS 32121 AND 32122



**LEGEND:**

	PROPERTY LINE		EXISTING CURB		EXISTING FENCE		PROPOSED STABILIZED TURF		PROPOSED ELECTRIC CABLE		SUPER SILT FENCE (TRENCHLESS)
	EXISTING TREELINE		EXISTING STORM DRAIN		EXISTING BUILDING		PROPOSED WOOD WALKWAY/DECKING		PROPOSED 6" WATER		TEMPORARY STONE OUTLET STRUCTURE
	EXISTING TREES		EXISTING WATER		AREAS OF ARCHEOLOGICAL INTEREST		PROPOSED CURBING		PROPOSED 8" WATER		STABILIZED CONSTRUCTION ENTRANCE WITH MOUNTABLE BERM AND WASH RACK
	EXISTING SHRUBS		EXISTING SANITARY SEWER		PROPOSED WOODSLINE		PROPOSED FENCE		PROPOSED 8" SANITARY SEWER		LIMIT OF DISTURBANCE
	EXISTING WALK		EXISTING GAS		TREE PRESERVATION AREA		PROPOSED RETAINING WALL		SPOT ELEVATIONS		PROPOSED ROOT AERATION MATTING, TENAX TENDRAIN 150/2, OR APPROVED EQUAL
	EXISTING ROAD		EXISTING ELECTRIC		PROPOSED WALK TAR & CHIP / CONCRETE		PROPOSED BUILDING		X 220.8 - EXISTING		
			EXISTING OVERHEAD ELECTRIC						X 220.8 - PROPOSED		
			EXISTING LIGHTING								

**NOT FOR CONSTRUCTION**

**SITE RESOURCES**  
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**lscdesign**  
 architects engineers  
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 York, Pennsylvania 17403  
 t: 717.845.8383  
 f: 717.852.0916

DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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. \_\_\_\_\_  
 Expiration Date \_\_\_\_\_



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

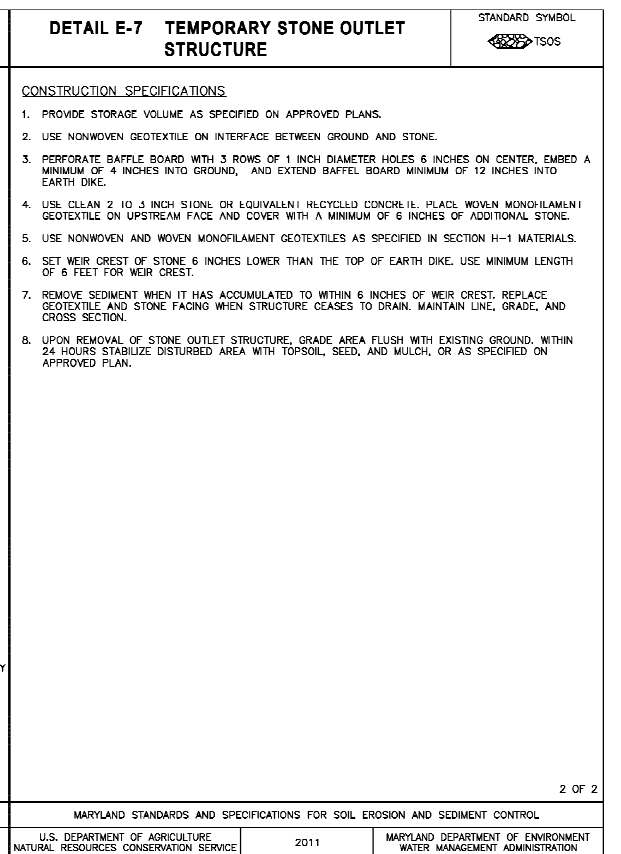
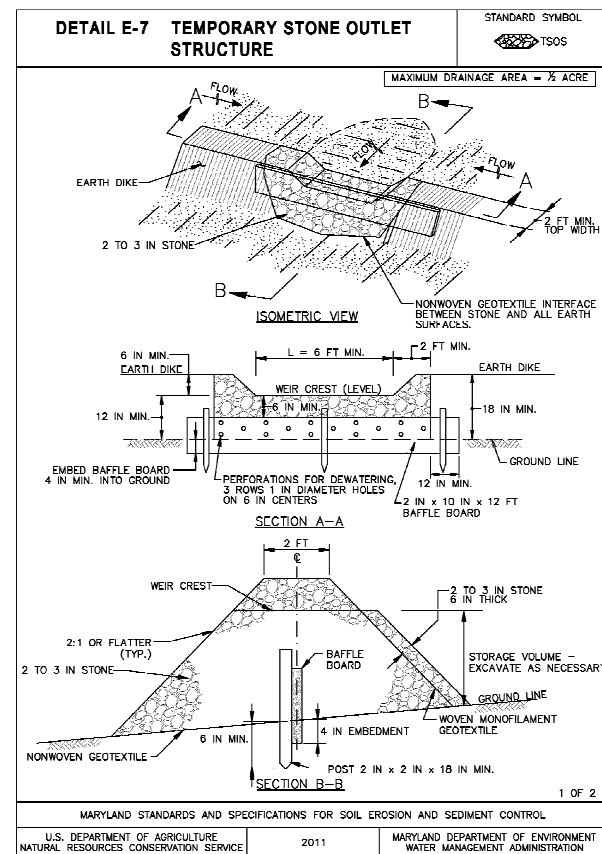
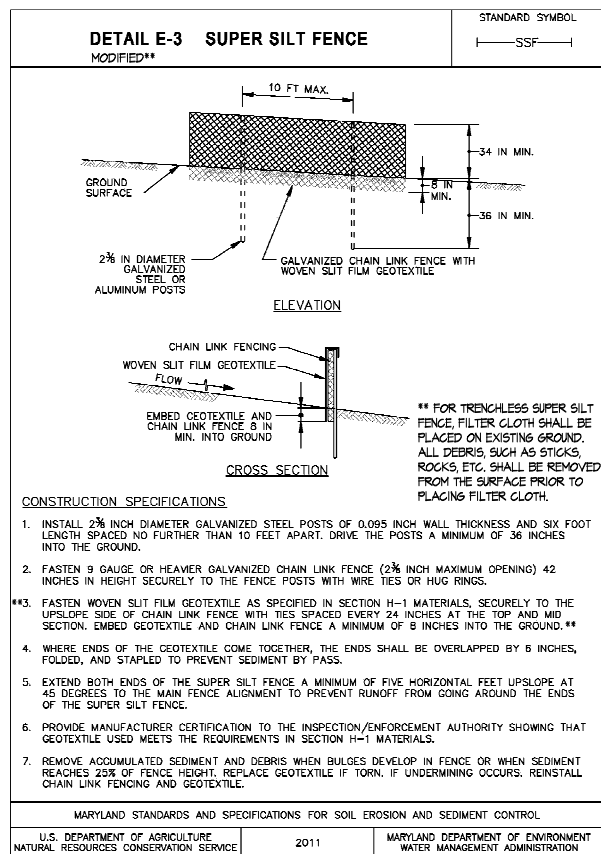
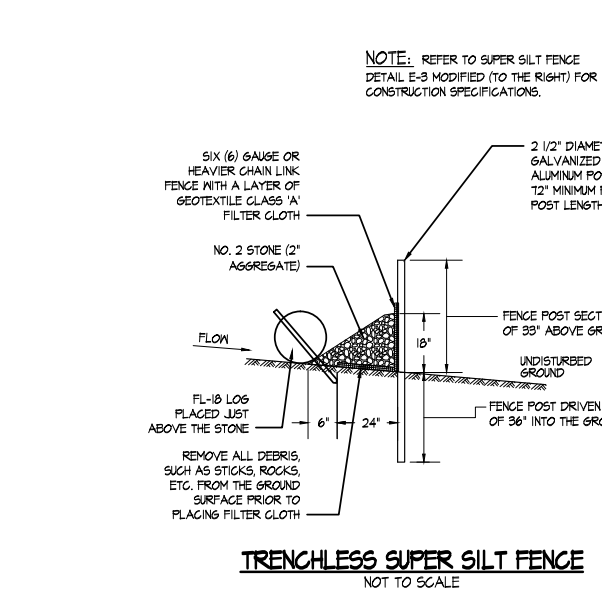
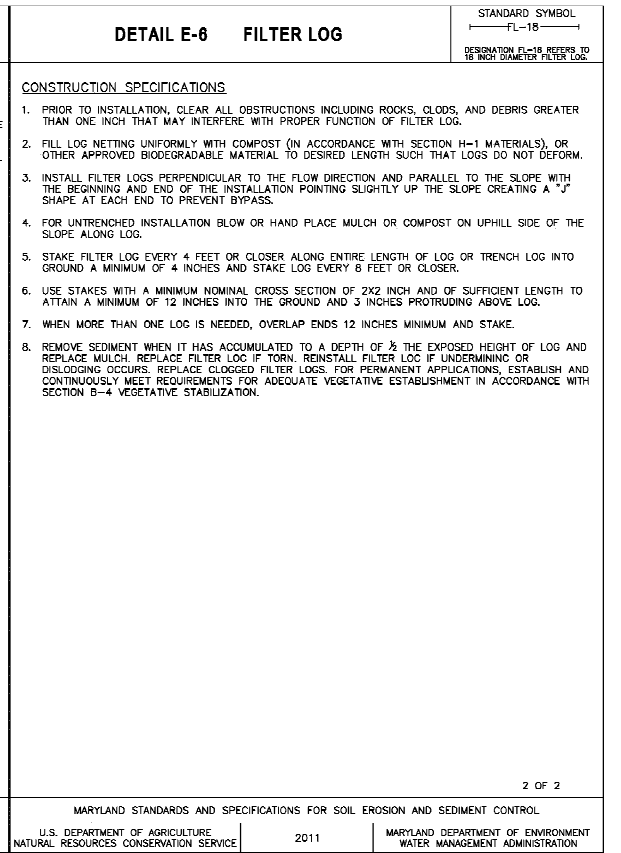
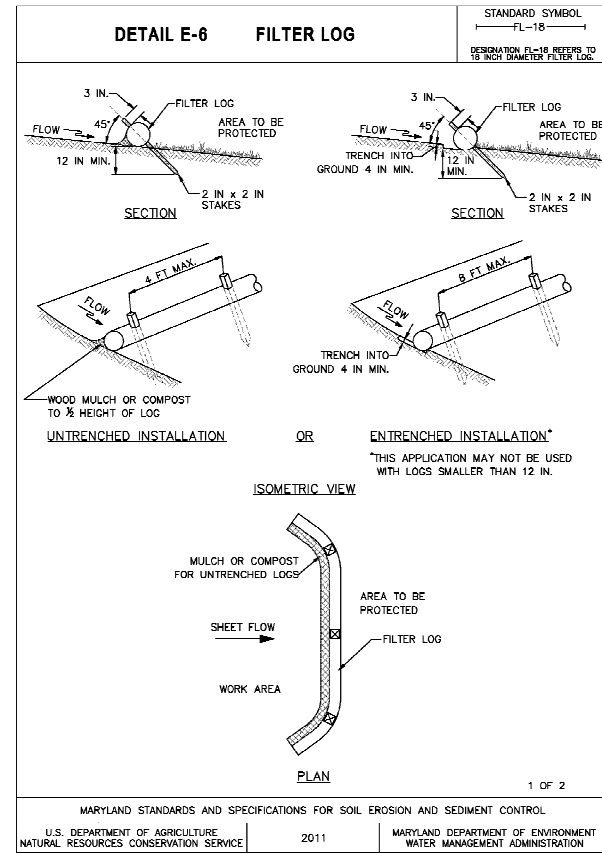
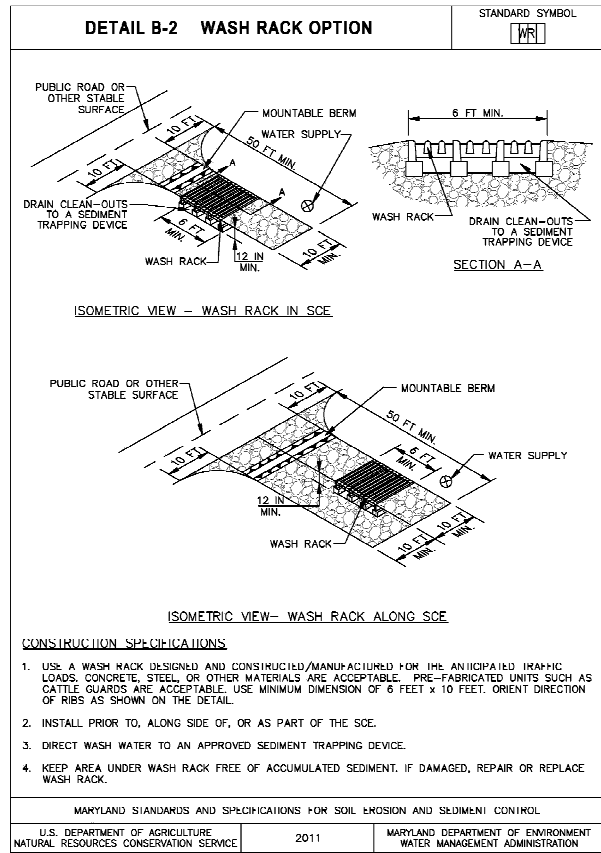
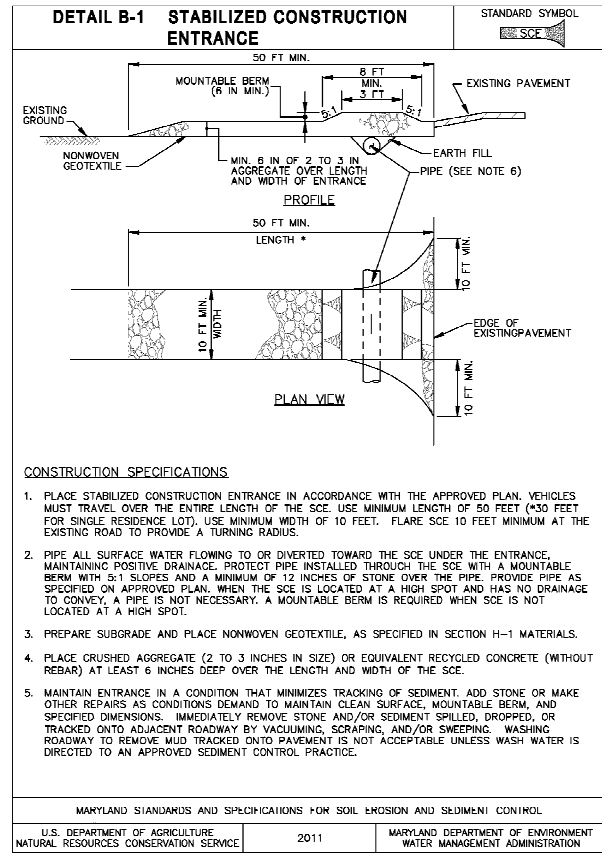
**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**SITE GRADING / EROSION & SEDIMENT CONTROL PLAN**

**C-VCB**

SHT. # 5 of 33  
 MAY 28, 2013





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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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. \_\_\_\_\_

Expiration Date \_\_\_\_\_



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 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

Josiah Henson Park - Facility Plan  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**EROSION & SEDIMENT CONTROL DETAILS**

C-VCB

SHT. # 6 of 33  
 MAY 28, 2013

NOT FOR CONSTRUCTION

B-4 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

Definition: Using vegetation as cover to protect exposed soil from erosion.

Purpose: To promote the establishment of vegetation on exposed soil.

Conditions Where Practice Applies: On all disturbed areas not stabilized by other methods...

Effects on Water Quality and Quantity: Stabilization practices are used to promote the establishment of vegetation on exposed soil...

Planting vegetation in disturbed areas will have an effect on the water budget, especially on volumes and rates of runoff...

Vegetation will help reduce the movement of sediment, nutrients, and other chemicals carried by runoff to receiving waters.

Sediment control practices must remain in place during grading, seeded preparation, seeding, mulching, and vegetative establishment.

Adequate Vegetative Establishment: Inspect seeded areas for vegetative establishment and make necessary repairs, replacements, and reseeds within the planting season.

- 1. Adequate vegetative stabilization requires 95 percent groundcover.
2. If an area has less than 40 percent groundcover, restabilize following the original recommendations for lime, fertilizer, seeded preparation, and seeding.

B-4-1 STANDARDS AND SPECIFICATIONS FOR INCREMENTAL STABILIZATION

Definition: Establishment of vegetative cover on cut and fill slopes.

Purpose: To provide timely vegetative cover on cut and fill slopes as work progresses.

Conditions Where Practice Applies: Any cut or fill slope greater than 15 feet in height. This practice also applies to stockpiles.

- 1. Excavate and stabilize cut slopes in increments not to exceed 15 feet in height. Prepare seeded and apply seed and mulch on all cut slopes as the work progresses.
2. Construction sequence example (Refer to Figure B.1):
a. Construct and stabilize all temporary snales or dikes that will be used to convey runoff around the excavation.

Note: Once excavation has begun the operation should be continuous from grubbing through the completion of grading and placement of topsoil (if required) and permanent seed and mulch.

- B. Incremental Stabilization - Fill Slopes
1. Construct and stabilize fill slopes in increments not to exceed 15 feet in height. Prepare seeded and apply seed and mulch on all slopes as the work progresses.
2. Stabilize slopes immediately when the vertical height of a lift reaches 15 feet, or when the grading operation ceases as prescribed on the plans.

Note: Once the placement of fill has begun the operation should be continuous from grubbing through the completion of grading and placement of topsoil (if required) and permanent seed and mulch.

B-4-2 STANDARDS AND SPECIFICATIONS FOR SOIL PREPARATION, TOPSOILING AND SOIL AMENDMENTS

Definition: The process of preparing the soils to sustain adequate vegetative stabilization.

Purpose: To provide a suitable soil medium for vegetative growth.

Conditions Where Practice Applies: Where vegetative stabilization is to be established.

Criteria: A. Soil Preparation
1. Temporary Stabilization
a. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment...

- 1. Temporary Stabilization
a. Seeded preparation consists of loosening soil to a depth of 3 to 5 inches by means of suitable agricultural or construction equipment...

2. Permanent Stabilization
a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:

- 1. Soil pH between 6.0 and 7.0.
2. Soluble salts less than 500 parts per million (ppm).
3. Soil contains less than 40 percent silt but enough the graded material (greater than 30 percent silt plus clay) to provide the capacity to hold a moderate amount of moisture.
4. Soil contains 15 percent minimum organic matter by weight.

- B. Topsoiling
1. Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is 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.

- 2. Topsoil salvaged from an existing site may be used provided it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-NRCS.

- 3. Topsoiling is limited to areas having 2:1 or flatter slopes where:
a. The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
b. The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.

- 6. Topsoil Application
a. Erosion and sediment control practices must be maintained when applying topsoil.
b. Uniformly distribute topsoil in a 5 to 8 inch layer and lightly compact to a minimum thickness of 4 inches.

- 2. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment. Manure may be substituted for fertilizer with prior approval from the appropriate approval authority.

- 3. Lime materials must be ground limestone (hydrated or burnt lime) may be substituted except when hydrosedding which contains at least 50 percent total oxides (calcium oxide plus magnesium oxide). Limestone must be ground to such fineness that at least 50 percent will pass through a #100 mesh sieve and 48 to 100 percent will pass through a #20 mesh sieve.

B-4-3 STANDARDS AND SPECIFICATIONS FOR SEEDING AND MULCHING

Definition: The application of seed and mulch to establish vegetative cover.

Purpose: To protect disturbed soils from erosion during and at the end of construction.

Conditions Where Practice Applies: To the surface of all perimeter controls, slopes, and any disturbed area not under active grading.

Criteria: A. Seeding
1. Specifications
a. All seed must meet the requirements of the Maryland State Seed Law. All seed used must be subject to re-testing by a recognized seed laboratory.

- 1. Specifications
a. All seed must meet the requirements of the Maryland State Seed Law. All seed used must be subject to re-testing by a recognized seed laboratory.

- 2. Application
a. Dry Seeding: This includes use of conventional drop or broadcast spreaders.
i. Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1, Permanent Seeding Table B.3, or site-specific seeding summaries.

- 1. Mulch Materials (In order of preference)
a. Straw consisting of thoroughly threshed wheat, rye, oat, or barley and reasonably bright in color. Straw is to be free of noxious weed seeds as specified in the Maryland Seed Law and not musty, moldy, caked, decayed, or excessively dusty.

- 2. Application
a. Apply mulch to all seeded areas immediately after seeding.
b. When straw mulch is used, spread it over all seeded areas at the rate of 2 tons per acre to a uniform loose depth of 1 to 2 inches.

- 3. Anchoring
a. Perform mulch anchoring immediately following application of mulch to minimize loss by wind or water. This may be done by one of the following methods (listed by preference), depending upon the size of the area and erosion hazard:

- 1. A mulch anchoring tool is a tractor drawn implement designed to punch and anchor mulch into the soil surface a minimum of 2 inches. This practice is most effective on large areas, but is limited to flatter slopes where equipment can operate safely.

- 2. Turfgrass Mixtures
a. Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites which will receive a medium to high level of maintenance.

- 3. Sod Maintenance
a. In the absence of adequate rainfall, water daily during the first week or as often and sufficiently as necessary to maintain moist soil to a depth of 4 inches.

- 4. Sod Maintenance
a. Do not mow until the sod is firmly rooted. No more than 1/3 of the grass leaf must be removed by the initial cutting or subsequent cuttings.

- 5. Sod Maintenance
a. Do not mow until the sod is firmly rooted. No more than 1/3 of the grass leaf must be removed by the initial cutting or subsequent cuttings.

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B-4-4 STANDARDS AND SPECIFICATIONS FOR TEMPORARY STABILIZATION

Definition: To stabilize disturbed soils with vegetation for up to 6 months.

Purpose: To use fast growing vegetation that provides cover on disturbed soils.

Conditions Where Practice Applies: Exposed soils where ground cover is needed for a period of 6 months or less.

Criteria: 1. Select one or more of the species or seed mixtures listed in Table B.1 for the appropriate Plant Hardiness Zone (from Figure B.3) and enter them in the Temporary Seeding Summary below along with application rates, seeding dates and seeding depths.

Table with 6 columns: Species, Application Rate (lb./ac.), Seeding Dates, Seeding Depth, Fertilizer Rate (lb./1000 sq ft), Line Rate. Rows include Annual Ryegrass and Fescue/Mix.

TEMPORARY SEEDING SUMMARY

Table with 6 columns: Species, Application Rate (lb./ac.), Seeding Dates, Seeding Depth, Fertilizer Rate (lb./1000 sq ft), Line Rate. Rows include Annual Ryegrass and Fescue/Mix.

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

Definition: To stabilize disturbed soils with permanent vegetation.

Purpose: To use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils.

Conditions Where Practice Applies: Exposed soils where ground cover is needed for 6 months or more.

Criteria: A. Seed Mixtures
1. General Use
a. Select one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardiness Zone (from Figure B.3) and based on the site condition or purpose found on Table B.2.

- 1. General Use
a. Select one or more of the species or mixtures listed in Table B.3 for the appropriate Plant Hardiness Zone (from Figure B.3) and based on the site condition or purpose found on Table B.2.

- 2. Turfgrass Mixtures
a. Areas where turfgrass may be desired include lawns, parks, playgrounds, and commercial sites which will receive a medium to high level of maintenance.

- 3. Sod Maintenance
a. In the absence of adequate rainfall, water daily during the first week or as often and sufficiently as necessary to maintain moist soil to a depth of 4 inches.

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B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

Definition: To stabilize disturbed soils with permanent vegetation.

Purpose: To use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils.

Conditions Where Practice Applies: Exposed soils where ground cover is needed for 6 months or more.

Criteria: 1. Select one or more of the species or seed mixtures listed in Table B.1 for the appropriate Plant Hardiness Zone (from Figure B.3) and enter them in the Temporary Seeding Summary below along with application rates, seeding dates and seeding depths.

Table with 6 columns: Species, Application Rate (lb./ac.), Seeding Dates, Seeding Depth, Fertilizer Rate (lb./1000 sq ft), Line Rate. Rows include Tall Fescue and Kentucky Bluegrass.

PERMANENT SEEDING SUMMARY

Table with 6 columns: No., Species, Application Rate (lb./ac.), Seeding Dates, Seeding Depth, Fertilizer Rate (lb./1000 sq ft), Line Rate. Rows include Tall Fescue and Kentucky Bluegrass.

B-4-5 STANDARDS AND SPECIFICATIONS FOR PERMANENT STABILIZATION

Definition: To stabilize disturbed soils with permanent vegetation.

Purpose: To use long-lived perennial grasses and legumes to establish permanent ground cover on disturbed soils.

Conditions Where Practice Applies: Exposed soils where ground cover is needed for 6 months or more.

Criteria: A. Seed Mixtures
1. General Use
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lscdesign architects engineers 1110 East Princess St York, Pennsylvania 17403 t: 717.845.8383 f: 717.852.0916

DESIGN table with columns: Role, Date, Checked By. Rows include Landscape Architect, Architect, Engineer, and 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.



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

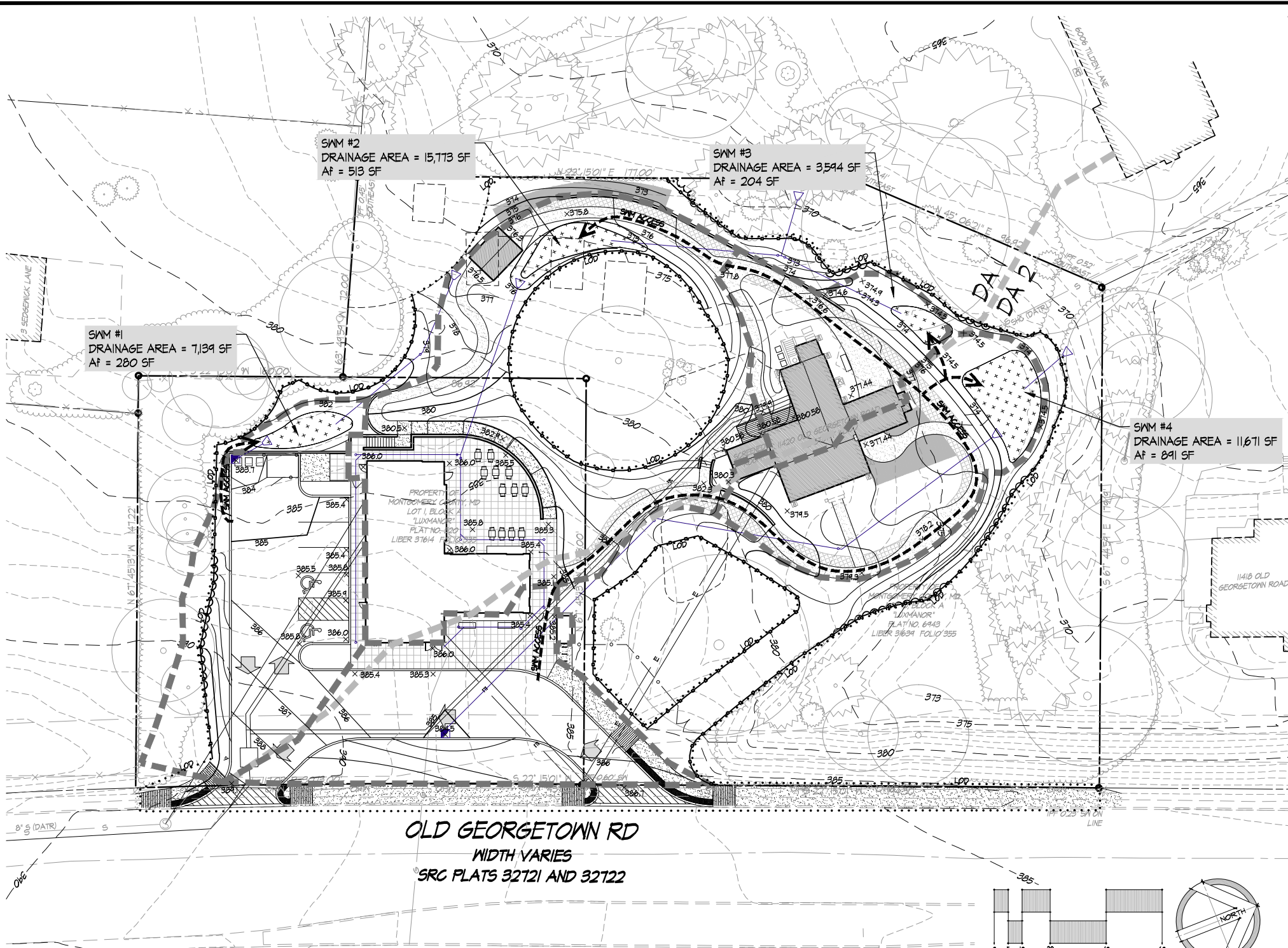
REVIEW AND APPROVAL table with columns: Role, Date. Rows include Project Manager, Construction Manager, and Park Manager.

ISSUED FOR PROCUREMENT ON table with columns: Rev. No., Date, Description. Includes a REVISIONS section.

Josiah Henson Park - Facility Plan 11420 Old Georgetown Road, Rockville, MD 20852 RFP # P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN EROSION & SEDIMENT CONTROL NOTES SHT. # 7 of 33 MAY 28, 2013

NOT FOR CONSTRUCTION

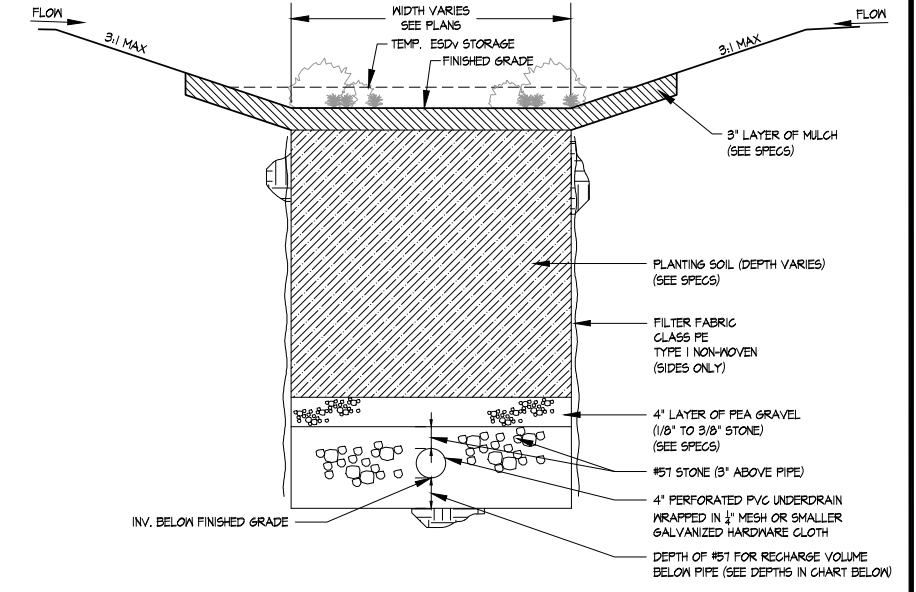
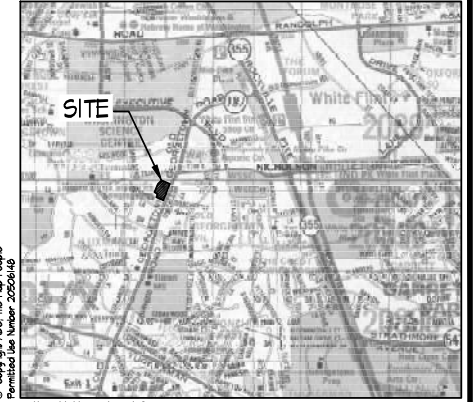




GENERAL NOTES:

- 1. STORM WATER MANAGEMENT SOLUTIONS ARE CONCEPTUAL AND MAY REQUIRE MODIFICATION OR OTHER APPROACHES PENDING DPS REVIEW AND APPROVAL.
- 2. 100% OF SOILS ON THE PROJECT SITE ARE IN THE GLENELG SILT LOAM HYDROLOGIC SOIL GROUP AND HAVE A SOIL GROUP RATING OF 'B'.

ESD PRACTICE	DRAINAGE AREA (ac.)	IMPERVIOUS AREA (ac.)	ESDV (cu. ft.) Required	ESDV (cu. ft.) Provided
MICRO-BIO #1	B SOIL 0.16	B SOIL 0.10	647	728
MICRO-BIO #2	B SOIL 0.36	B SOIL 0.16	1035	1129
MICRO-BIO #3	B SOIL 0.09	B SOIL 0.05	343	347
MICRO-BIO #4	B SOIL 0.26	B SOIL 0.16	1,157	1,158
<b>TOTAL</b>				<b>3,562</b>
<b>TOTAL for DAI # DA2</b>	B SOIL 0.87	B SOIL 0.47	3,232	



ESD PRACTICE	Af+SURFACE AREA	PONDING DEPTH	FILTER DEPTH	DEPTH OF STONE BELOW PIPE
MICRO-BIO #1	280 SF	1.0 FT	4.0 FT	9 IN
MICRO-BIO #2	513 SF	1.0 FT	4.0 FT	9 IN
MICRO-BIO #3	204 SF	0.5 FT	3.0 FT	9 IN
MICRO-BIO #4	841 SF	0.5 FT	2.0 FT	9 IN

1 TYPICAL MICRO-BIORETENTION

NOT TO SCALE

LEGEND:

	PROPERTY LINE		EXISTING CURB		EXISTING FENCE		PROPOSED WOOD WALKWAY/DECKING		PROPOSED 8" SAN		PROPOSED SANITARY SEWER
	EXISTING TREELINE		EXISTING STORM DRAIN		EXISTING BUILDING		PROPOSED CURBING		LOD		LIMIT OF DISTURBANCE
	EXISTING TREES		EXISTING WATER		AREAS OF ARCHEOLOGICAL INTEREST		PROPOSED FENCE		34b	34b	PROPOSED CONTOURS
	EXISTING SHRUBS		EXISTING SANITARY SEWER		PROPOSED WOODLINE		PROPOSED RETAINING WALL		x(220.8)	x(220.8)	SPOT ELEVATIONS
	EXISTING WALK		EXISTING GAS		TREE PRESERVATION AREA		PROPOSED BUILDING		x(220.8)	x(220.8)	EXISTING DRAINAGE AREA
	EXISTING ROAD		EXISTING ELECTRIC		PROPOSED WALK TAR & CHIP / CONCRETE		PROPOSED ELECTRIC				PROPOSED DRAINAGE AREA
			EXISTING OVERHEAD ELECTRIC		PROPOSED STABILIZED TURF		PROPOSED CABLE				
			EXISTING LIGHTING				PROPOSED WATER				

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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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. \_\_\_\_\_  
 Expiration Date \_\_\_\_\_



**The Maryland-National Capital Park and Planning Commission**  
 Montgomery County Department of Parks  
 9500 Brunnet Avenue  
 Silver Spring, Maryland 20901  
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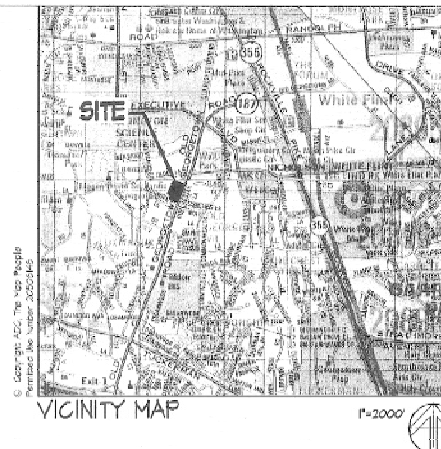
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN  
**STORMWATER MANAGEMENT CONCEPT PLAN**

**C-VCB**  
 SHT. # 8 of 33  
 MAY 28, 2013

NOT FOR CONSTRUCTION



project name / owner  
**JOSIAH HENSON  
 SPECIAL PARK  
 PROJECT**  
 11420 OLD GEORGETOWN RD  
 ROCKVILLE, MARYLAND 20852

WSSC Grid No.: 218W06 and 218W06  
 Tax Map No.: G061, Block A, Lot 1  
 WSSC Grid No.: 218W06  
 Tax Map No.: G062, Block A, Lot 13

Rockville, Montgomery County, MD

seal / stamp

**lscdesign**  
 architects engineers

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Exhibit Designer:  
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Civil Engineer, Landscape Architect:  
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MEP Engineer:  
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Lighting Designer:  
 Drake Dunlap Lighting Design LLC  
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Environmental Consultant:  
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 P.O. Box 5005  
 Glen Ary, MD 21087

*[Signature]*  
 JOHN CANOLES  
 MD DNR FGA QUALIFIED PROFESSIONAL

revisions

no.	date	description

project north  
 See Plan

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date: 05-12-2012 project mgr.  
 project no.: SRI PROJECT NO. 10008  
 drawing set: PRELIMINARY DESIGN

drawing title: **NRI/FSD NOTES**

sheet no.: **C-VCB**  
 SHT. # 9 of 33  
 MAY 28, 2013

**Tree Table 24" and Greater**

Key	Species, Size (dbh)	Condition
B	Black locust, 24"	good
C	Black walnut, 34.5"	good
E	Red maple, 32.5" **	good
M	Cherry, 30" **	good
Q	Sycamore, 24"	good
U	English walnut, 24"	good
W	White pine, 24"	good
Y	White pine, 28.5"	good
Z	White pine, 24"	good
A2	White pine, 27"	good
B2	Kentucky coffee-tree, 51" **	good
F2	Willow oak, 49.5" **	good
S2	Red maple, live steam, 52.5" x 24.5"	good
N2	English walnut, 28" **	good
X2	English walnut, 20" **	good
Z2	English Walnut, 28"	light attached to tree
G2	English walnut, live steam, 20" **	good
L2	Laurel oak, 38.5" **	good
Q2	Willow oak, 49" **	good
N2	Norway spruce, 24"	good
L2	Laurel oak, 38.5"	good
K2	Norway spruce, 24.5"	good
L2	Norway spruce, 24"	good
Q2	Willow oak, 49"	good
T2	American beech, 26"	good
Y2	White pine, 25"	good
Z2	White pine, 26"	good
D2	Ash, 25"	good
D2	Atlas cedar, 25.5"	good
F2	Atlas cedar, 24.5"	good
F2	Silver maple, 54" **	good
S2	White pine, 38"	good
Y2	Red maple, 29"	good
F2	Red maple, 24"	good

\*\* specimen trees

**Natural Resources Data Table**

Resource	Onsite Extent
Forest	0.00
Wetlands	0.00
Forested Wetlands	0.00
100 Yr. Floodplain	0.00
Forested Floodplain	0.00
Stream Buffer	0.00
Forested Stream Buffer	0.00

Soil Type	Prime Agricultural Soil	Highly Erodible	Hydric	Serpentine
Glenlyg silt loam, 3 to 8 percent slopes (2B)	X	NA Kt=0.28	NA	NA

THE MARYLAND-NATIONAL CAPITAL  
 PARK AND PLANNING COMMISSION

NRI/FSD PLAN

APPROVED

Project No. 420121950

Date Approved: August 2, 2012

Expiration Date: August 2, 2014

*[Signature]* 8/2/12 Date

**Special Note Historic Site Tree Protection**

In performing the Forest Stand Delineation/Natural Resource Inventory all trees with a diameter at breast height of 6" or greater have been identified. However, because the 11410 Old Georgetown Road parcel is a historic site, identification of all trees with a DBH of 1" or greater is required. A variance request to remove any tree greater than 1" dbh will be required (per Section 22A-12 (E) (3)(B)). Due to this requirement an additional survey of 1-5" dbh trees will be provided on the Forest Conservation Plan if the Limits of Disturbance impacts any trees or critical root zones on-site.

**Plan Notes**

- Owner/Applicant:  
 M-NCPPC  
 4500 Brunell Ave.  
 Silver Spring MD 20901
- WSSC Grid No. and Tax Map No.:  
 11420 Old Georgetown Rd parcel  
 WSSC Grid No.: 218W06 and 218W06  
 Tax Map No.: G061, Block A, Lot 1  
 11420 Old Georgetown Rd parcel  
 WSSC Grid No.: 218W06  
 Tax Map No.: G062, Block A, Lot 13
- Total Tract Area: 15 acres
- Current Zoning: R200
- Watershed: Cabin John Creek
- Use Class of Watershed: Use 1 - no stream/wetland exists
- Special Protection Area: None
- Floodplain Source: No floodplain FEMA Map number: 24051C0261D
- Wetland Source: No wetlands, field review by Eco-Science Professionals, Inc.
- Rare/Threatened/Endangered Species: None observed, none reported by DNR
- Historic Sites: The parcel at 11420 Old Georgetown Road is listed on the Montgomery County Master Plan for Historic Preservation as the Riley/Dillon House, MHP #50/006. The site includes archaeological resources.
- Method of measuring trees: dbh tops
- State/County Champion Trees: none present, no trees TBR of State Champion
- Date of field work: June 2011, John Canoles

**NRI/FSD Notes**

- Field review of the property has determined that no wetlands or streams are present on or within 100 feet of the subject property. The site is within the Cabin John Creek watershed. This watershed is a Use 1 watershed capable of supporting water contact recreation.
- FEMA Map number 24051C0261D confirms that no 100 year floodplain exists on or adjacent to the site.
- No RITE species or appropriate habitat were noted on or adjacent to the subject property.
- No forest resources are present on the subject property.
- All soils on the site are mapped as Glenlyg silt loam, 3 to 8 percent slopes (2B).
- There are no known conservation assessments on the subject property or on contiguous properties.
- All trees 6" and greater diameter at breast height have been identified and field located. There are several specimen trees on the property, these trees are noted \*\* in the Tree List and Tree Table provided herein.

**Existing Conditions Narrative**

The subject property is a Montgomery County park in Rockville, MD. It is comprised of two parcels: a historic parcel at 11420 Old Georgetown Road and a non-historic parcel at 11420 Old Georgetown Road. The property includes approximately 15 acres and is identified as Lots 1 and 13 of Block A on Montgomery County tax map G062. The general land use in the vicinity of the site is characterized by high density residential.

The site is located within the Piedmont physiographic province of Maryland. In Montgomery County this province is typified by rolling hills drained by numerous small streams in fairly narrow valleys.

The NRI Soil Survey for Montgomery County shows that all of the soils on the site are classified as Glenlyg silt loam, 3-8 percent slopes. These soils have no limitations for standard construction practices.

The 11420 Old Georgetown parcel includes a single family home with associated gardens and lawn. The home and associated amenities have been identified as a historic resource on the Montgomery County Master Plan for Historic Preservation. An associated garage has been determined to be non-historic. The 11420 Old Georgetown parcel has a home that was razed, a portion of its driveway and a concrete garage/abuilding foundation remain.

The property varies from open lawn area to treed lawn areas. The treed lawn areas include a mix of native and ornamental species with a variety of shrubs and herbaceous species present within mowed lawns and naturalized areas. Akeakas, yew, Rhododendron and boxwood were common shrubs noted on the site.

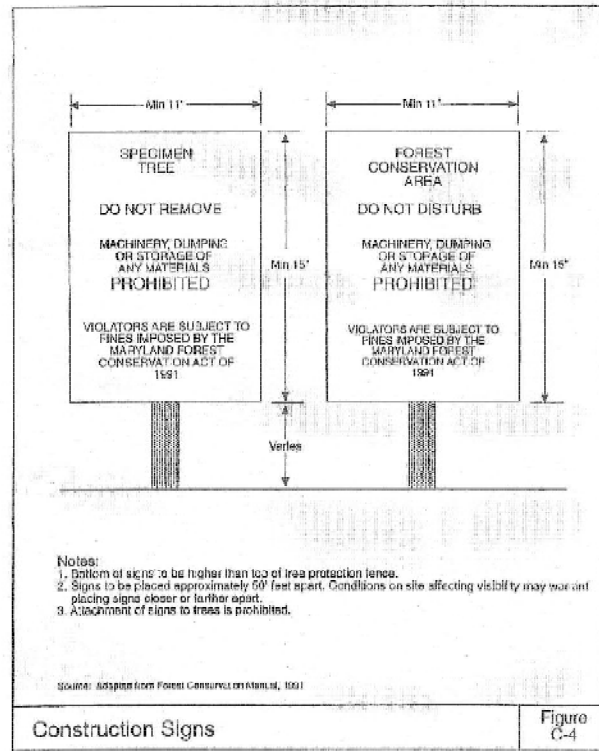
English Ivy, Fuchsia, and Virginia creeper are common throughout the gardens. Poison ivy is also common throughout the site. Pokeweed, garlic mustard, tree-of-heaven, and grapevine are also common invasive species found throughout the gardens. Red bud seedlings are also common throughout.

No areas on or immediately adjacent to the property would be considered forest.

No wetlands or streams are present within 100 feet of the property. No 100 year floodplain is present on the property.

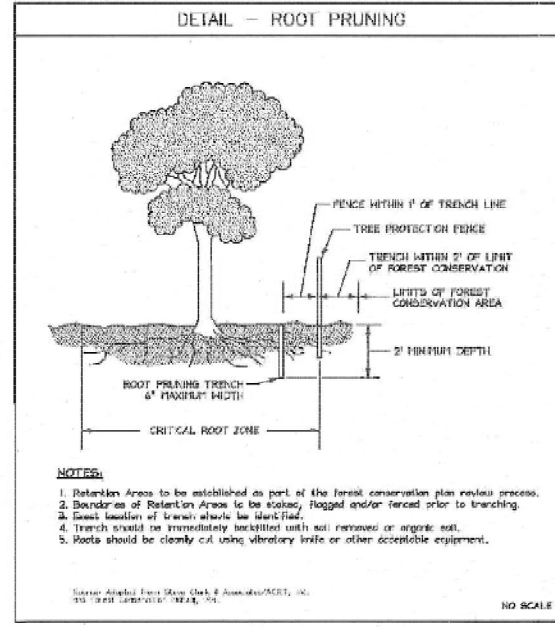
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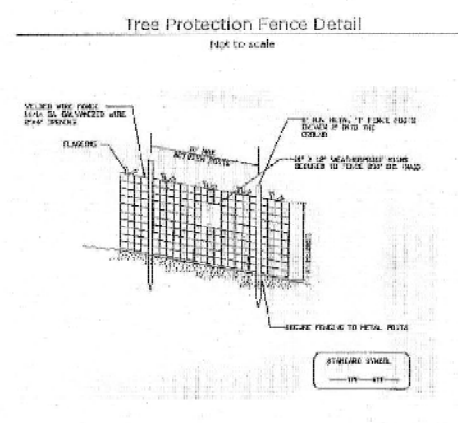
Construction Signs Figure C-4  
Final Draft 173 July 2005

CONSTRUCTION SIGN DETAIL  
NOT TO SCALE



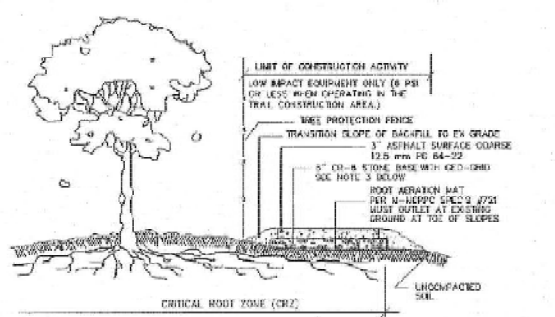
DETAIL - ROOT PRUNING  
NO SCALE

ROOT PRUNING DETAIL  
NOT TO SCALE



Tree Protection Fence Detail  
NOT TO SCALE

TREE PROTECTION FENCE  
NOT TO SCALE



ABOVE GRADE TRAIL DETAIL  
NOT TO SCALE

ABOVE GRADE TRAIL DETAIL  
NOT TO SCALE

SEQUENCE OF EVENTS

- Sequence of events to comply with Forest Conservation and/or Tree Save Plan
- Pre-Construction**
1. An on-site pre-construction meeting is required after the limits of disturbance have been staked and flagged, but before any clearing or grading begins. The property owner should contact the Montgomery County Planning Department Inspection Staff before construction to verify the limits of disturbance and discuss tree protection and tree care measures. The Developer's representative, construction superintendent, International Society of Arboriculture (ISA) certified arborist or Maryland licensed tree expert that will implement the tree protection measures, Forest Conservation Inspector, and Department of Permitting Services (DPS) Sediment Control Inspector should be present at the meeting.
  2. No clearing or grading shall begin before stress reduction measures have been implemented. Appropriate measures may include, but are not limited to:
    - a. Root pruning
    - b. Crown reduction
    - c. Mulching
    - d. Fertilizing
    - e. Vertical irrigation
    - f. Root aeration/mulch
  3. A Maryland Licensed Tree Expert or ISA-certified Arborist must perform all stress reduction measures. Documentation of stress reduction measures must either be observed by the Forest Conservation Inspector or sent to the Inspector at 8761 Georgia Avenue, Silver Spring, MD 20910. The Forest Conservation Inspector will determine the exact method to convey the stress reduction measures during the pre-construction meeting.
  4. Temporary tree protection devices shall be installed per the Forest Conservation Plan and/or Tree Save Plan and prior to any construction activities. Tree protection devices may include:
    - a. Chain link fence (four feet high)
    - b. Super stiff fence with wire string between support poles (minimum four foot high) with high visibility flagging
    - c. 1/4 gauge, 2 inch by 4 inch welded wire fencing supported by T-bar posts, minimum four foot high with high visibility flagging
  5. Temporary protection devices shall be installed and maintained by the contractor for the duration of the construction project and must not be altered without prior approval from the Forest Conservation Inspector. No equipment, trucks, materials, or debris may be stored within the tree protection fence areas during the entire construction project. No vehicle or equipment access to the fenced area will be permitted. Tree protection shall not be removed without prior approval from the Forest Conservation Inspector.
  6. Forest Retention Areas signs shall be installed as required by the Forest Conservation Inspector, or as shown on the approved plan.
- During Construction**
1. Periodic inspections by the Forest Conservation Inspector will occur during the construction project. Corrections and repairs to all tree protection devices, as determined by the Forest Conservation Inspector, must be made within the time frame established by the Inspector.
- Post-Construction**
1. After construction is completed, or inspection shall be requested. Corrective measures may include:
    - a. Removal and replacement of dead and dying trees
    - b. Pruning of dead or declining limbs
    - c. Soil aeration
    - d. Fertilization
    - e. Mulching
    - f. Round repair
    - g. Clean up retention areas
  2. After inspection and completion of corrective measures have been undertaken, all temporary protection devices shall be removed from the site. Removal of tree protection devices that also operate for erosion and sediment control must be coordinated with both the Department of Permitting Services and the Forest Conservation Inspector. No additional grading, sodding or burial may take place after the tree protection fencing is removed.

EXEMPTION REQUEST

**Forest Conservation Exemption Request**

The Josiah Henson Special Park Project involves the creation of a historical park on the 15 acre park property. The property currently contains a historic home and associated lawns, gardens and trees. No forest is present on the site.

The development of the park project will include the construction of a visitors center, parking facilities, trails and interpretive exhibits. It has been determined that no forest clearing will be required for the implementation of the project. Furthermore, the project does not require the subdivision or consolidation of properties and therefore the project is exempt from the Forest Conservation Plan requirements per Section 22A-5 (1) of the Forest Conservation Law. The appropriate section of the code is shown below:

Sec. 22A-5. Exemptions.

The requirements of Article II do not apply to a modification to existing developed property if:

- (1) no more than 5000 square feet of forest will be cleared;
- (2) the modification does not affect any forest in a stream buffer or located on property in a special protection area which must submit a water quality plan; and
- (3) the modification does not require approval of a new subdivision plan.

FIELD INSPECTION SCHEDULE

- All field inspections must be requested by the applicant. Inspections must be conducted as follows:
- Inspections**
- All field inspections must be requested by the applicant. Inspections must be conducted as follows:
- Tree Save and Forest Conservation Plans without planting requirements:**
1. After the limits of disturbance have been staked out and flagged, but before any clearing or grading begins.
  2. After necessary stress reduction measures have been completed and protection measures have been installed, but before any clearing and grading begins.
  3. After completion of all construction activities, but before removal of tree protection fencing, to determine the level of compliance with the provision of Forest Conservation.
- Additional Requirements for plans with planting requirements:**
4. Before the start of any required reforestation and afforestation planting period.
  5. At the end of the maintenance period to determine the level of compliance with the provisions of the planting plan, and if appropriate, release of the performance bond.

FOREST CONSERVATION DATA TABLE

Forest Conservation Data Table			
Forest	1.5		
Remaining in Agricultural Use			
Road & Utility ROWs <sup>1</sup>			
Total Existing Forest			
Forest Retention			
Forest Cleared			
Land Use & Thresholds <sup>2</sup>			
Land Use Category	REU - R20		
Conservation Threshold	70% acres		
Allowance Threshold	15% acres		
Total Channel Length (ft) <sup>3</sup>			
Average Buffer Width (ft) <sup>3</sup>			
Streams <sup>3</sup>			
Areas of Forest in Wetlands	Retained	Cleared	Planted
100-Year Floodplain			
Stream Buffers			
Priority Areas	Wildlife Property		

<sup>1</sup> Only forest in 100-year floodplains are to be inventoried and reported on this application.  
<sup>2</sup> Information from the Land Use Commission's land use documents.  
<sup>3</sup> Assessment areas along the stream edge.



TREE SAVE NOTES & DETAILS  
NOT FOR CONSTRUCTION



DESIGN		
Landscape Architect	Date	Checked By
Architect	Date	Checked By
Engineer	Date	Checked By
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.

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Expiration Date \_\_\_\_\_



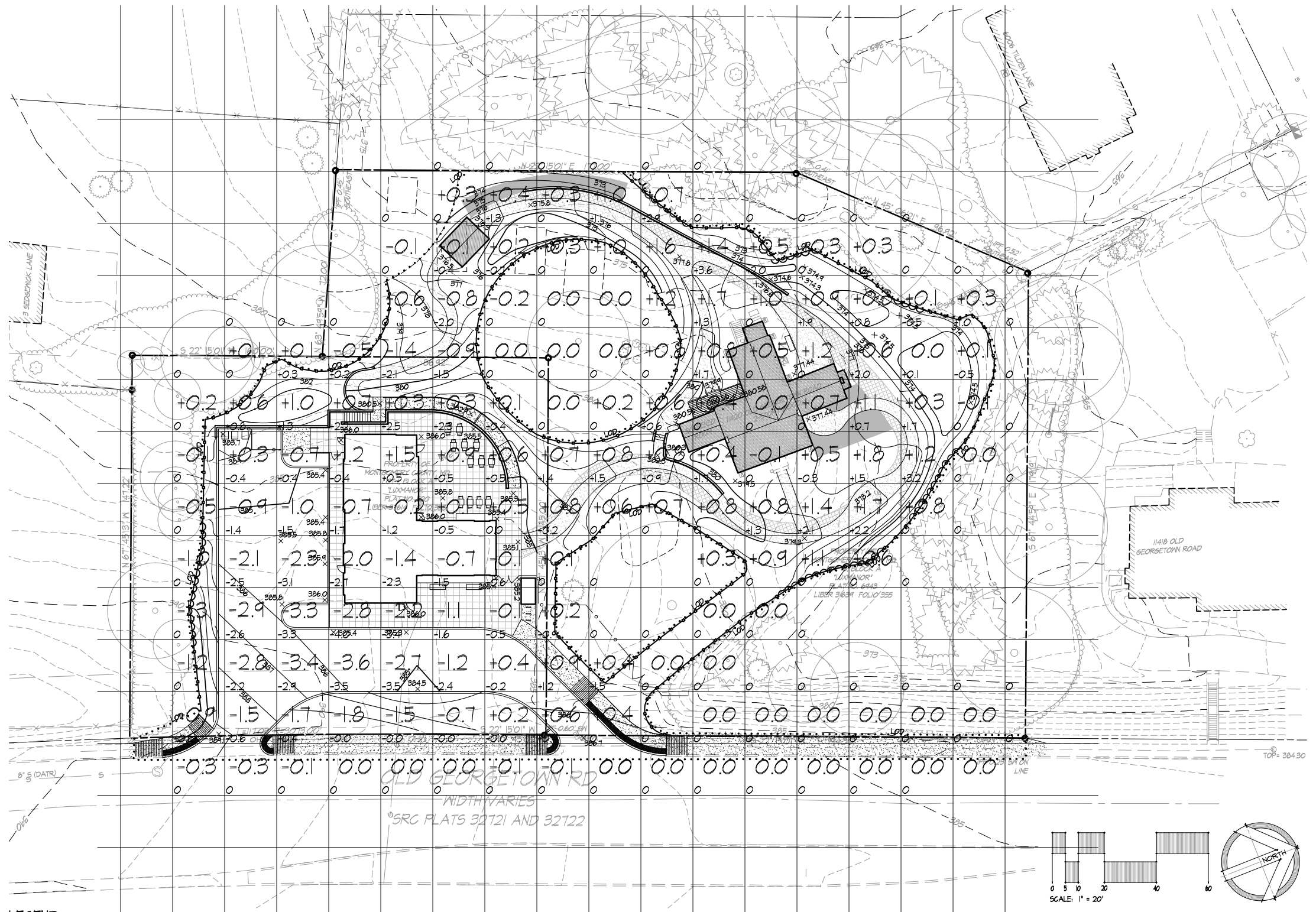
The Maryland-National Capital Park and Planning Commission  
Montgomery County Department of Parks  
9500 Bruner Avenue  
Silver Spring, Maryland 20901  
(301) 495-2335

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

ISSUED FOR PROCUREMENT ON	
Rev. No.	Date
Description	

Josiah Henson Park - Facility Plan  
Josiah Henson Special Park  
11420 Old Georgetown Road, Rockville, MD 20852  
TREE SAVE NOTES

C-VCB  
SHT. # 10 of 33  
MAY 28, 2013

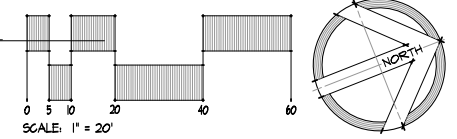


**EARTHWORK CALCULATIONS**

<b>SURFACE COMPARISON</b>	
CUT	1,078 CY
FILL	735 CY
<b>SURFACE SUBTOTAL</b>	<b>333 CY CUT</b>
<b>MATERIAL ADJUSTMENTS</b>	
PAVING SLABS AND BASE MATERIALS (assume 1' depth)	695 CY (cut)
SFM FILTER/PLANTING MEDIA (depth per SFM Concept computations)	241 CY (cut)
<b>MATERIALS SUBTOTAL</b>	<b>936 CY CUT</b>
<b>TOTAL TO BE HAULED OFF SITE</b>	<b>+/-1,269 CY CUT</b>

**LEGEND:**

	PROPERTY LINE		EXISTING CURB		EXISTING FENCE		PROPOSED STABILIZED TURF		PROPOSED BUILDING
	EXISTING TREELINE		EX. 15" SD		EXISTING STORM DRAIN		PROPOSED WOOD WALKWAY/DECKING		PROPOSED CONTOURS
	EXISTING TREES		EX. 6" WATER		EXISTING WATER		PROPOSED ROAD		SPOT ELEVATIONS
	EXISTING SHRUBS		EX. 8" SAN		EXISTING SANITARY SEWER		PROPOSED WOODLINE		LIMIT OF DISTURBANCE
	EXISTING WALK		EX. 2" GAS		EXISTING GAS		PROPOSED CURBING		PROPOSED FENCE
	EXISTING ROAD		EX. ELEG		EXISTING ELECTRIC		PROPOSED RETAINING WALL		
			EX. ELEG OHV		EXISTING OVERHEAD ELECTRIC				
			EXISTING LIGHTING		PROPOSED WALK TAR & CHIP / CONCRETE				



**SITE RESOURCES**  
**incorporated**  
 Comprehensive Land Planning & Site Design Services  
 14315 Jarrettsville Pike • Phoenix, Maryland 21131  
 (410) 683-3388 • fax (410) 683-3389

**lscdesign**  
 architects engineers  
 1110 East Princess St  
 York, Pennsylvania 17403  
 t: 717.845.8383  
 f: 717.852.0916

DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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.  
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**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

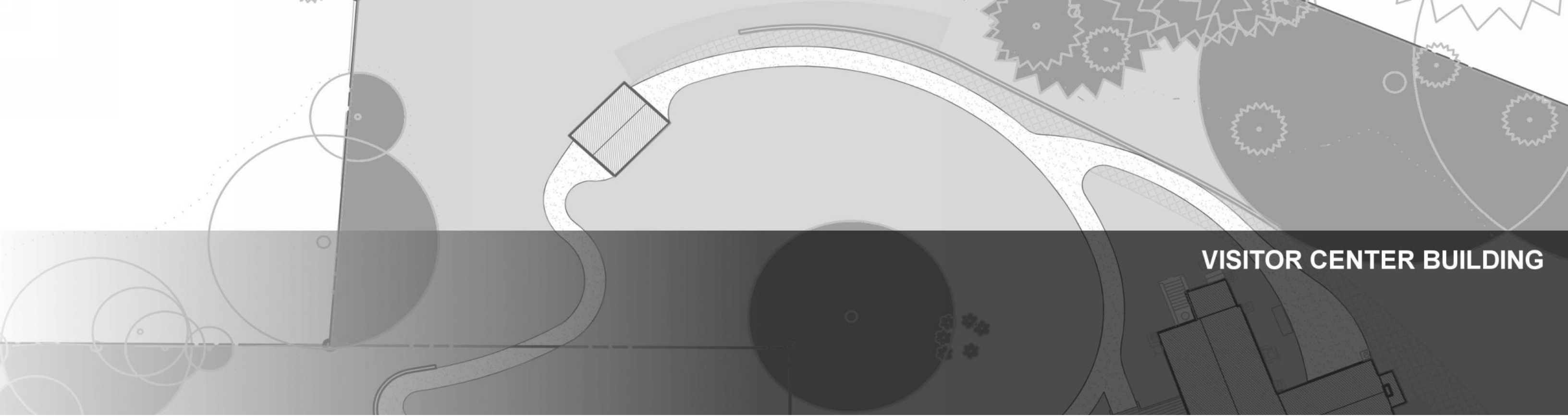
ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN  
**EARTHWORK STUDY**

**C-VCB**  
 SHT. # 11 of 33  
 MAY 28, 2013

NOT FOR CONSTRUCTION





**VISITOR CENTER BUILDING**









FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C-0

11-2

11-2

11-2

11-2

11-2

11-2

11-2

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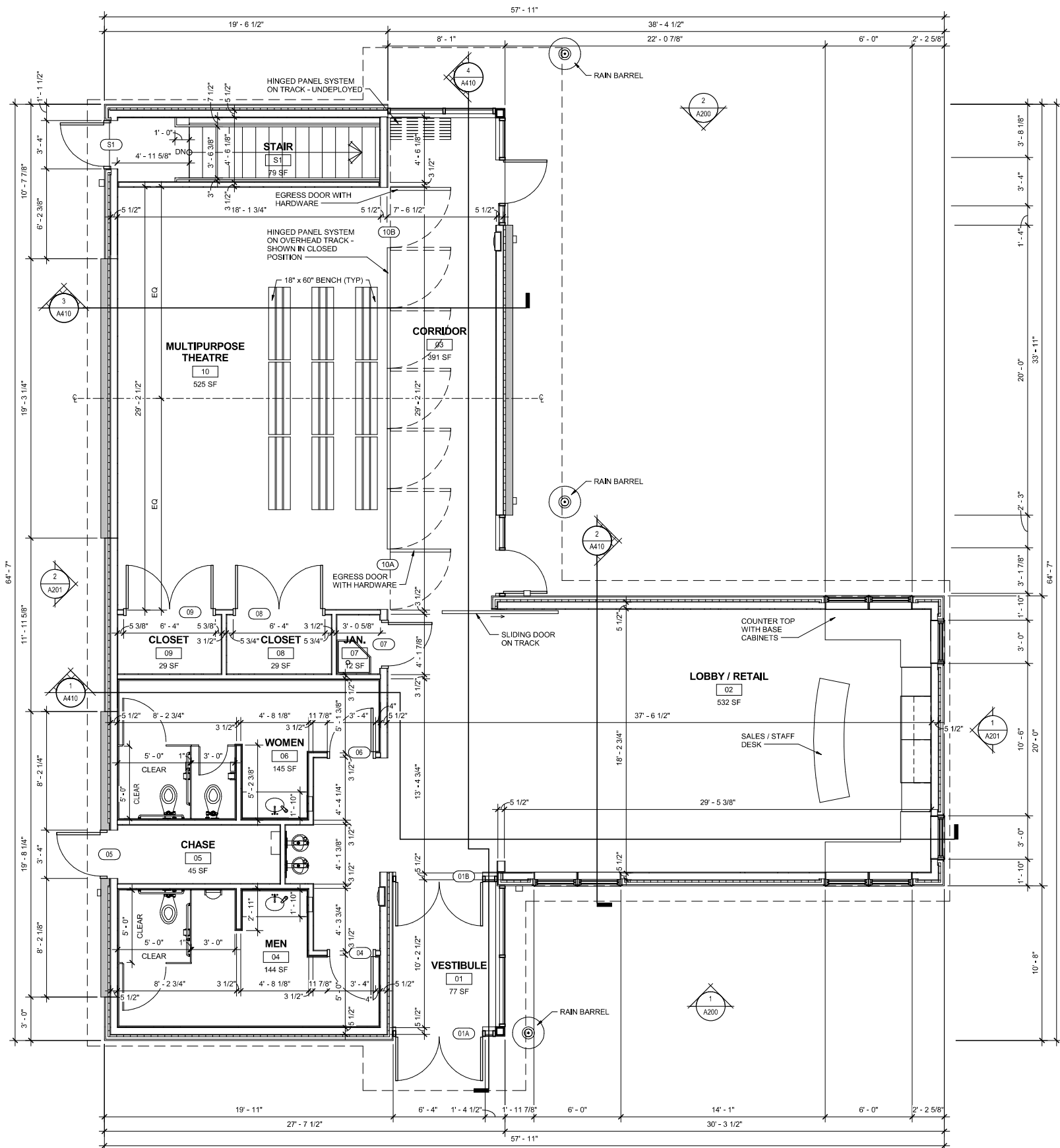
11-2

11-2

11-2

11-2

11-2



1  
A111  
FIRST FLOOR PLAN  
SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE					
NUMBER	ROOM NAME	FLOOR	BASE	CEILING	REMARKS
		FINISH MATERIAL	FINISH MATERIAL	FINISH MATERIAL	
<b>BASEMENT</b>					
11	EXHIBIT STORAGE	SEALED CONC.	---	---	
12	MECHANICAL	SEALED CONC.	---	---	
13	DATA	SEALED CONC.	---	---	
14	ELECTRIC	SEALED CONC.	---	---	
<b>FIRST FLOOR</b>					
01	VESTIBULE	CPT-1	VCB	WOOD PLANK	
02	LOBBY / RETAIL	CPT-2	VCB	VCB	
03	CORRIDOR	SLATE	SLATE	WOOD PLANK	
04	MEN	CERAMIC TILE	TILE	VCB	
05	CHASE	SEALED CONC.	---	EXPOSED	
06	WOMEN	CERAMIC TILE	TILE	VCB	
07	JAN.	SEALED CONC.	VCB	EXPOSED	
08	CLOSET	CPT-2	VCB	EXPOSED	
09	CLOSET	CPT-2	VCB	EXPOSED	
10	MULTIPURPOSE THEATRE	CPT-2	VCB	ACT	
S1	STAIR	WOOD	---	EXPOSED	

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**lscdesign**  
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DESIGN		
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Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

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9500 Brunett Avenue  
Silver Spring, Maryland 20901  
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REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
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REVISIONS		
Rev. No.	Date	Description

**Josiah Henson Park - Facility Plan**  
11420 Old Georgetown Road, Rockville, MD 20852

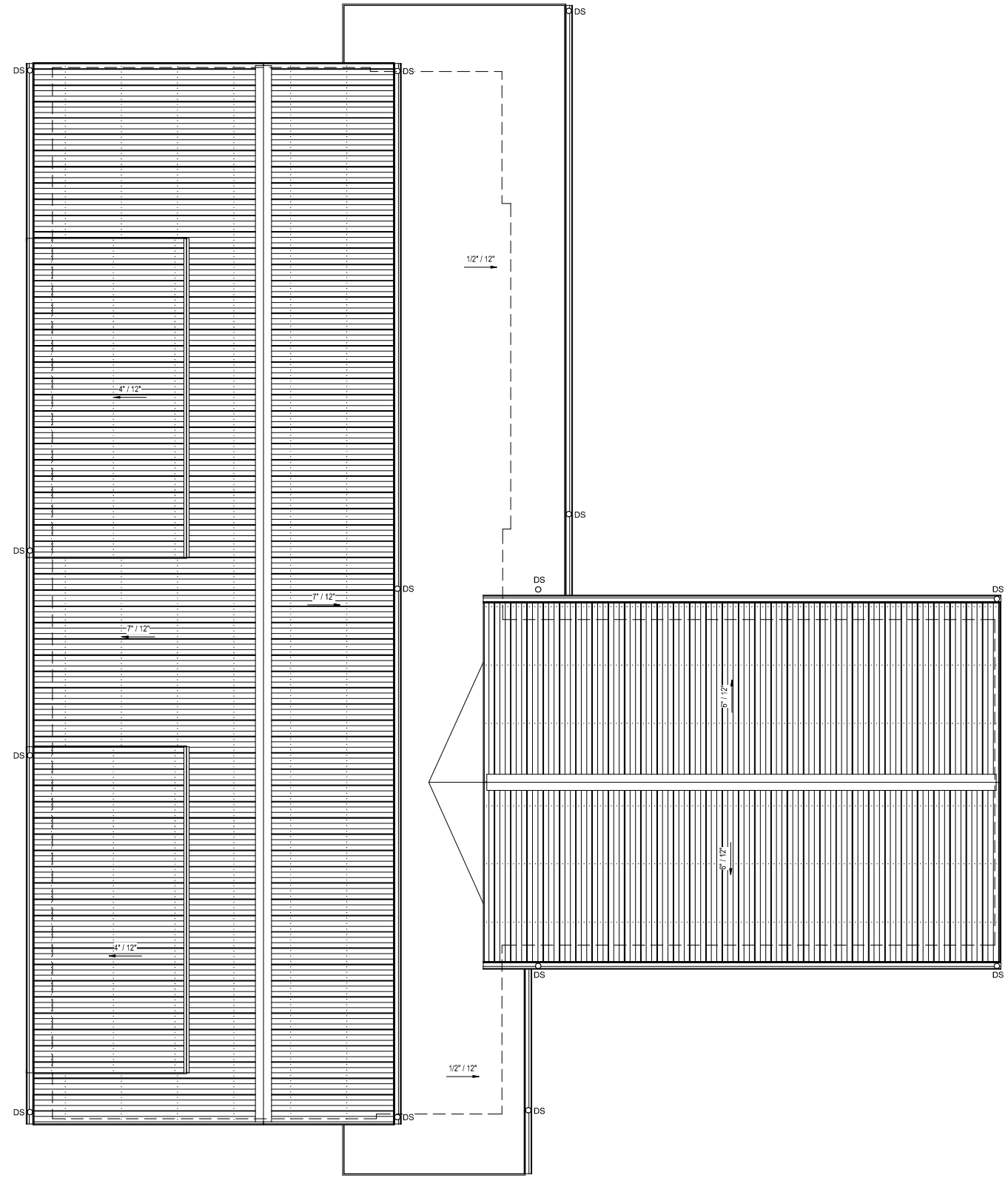
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**FIRST FLOOR PLAN**

**A-VCB**

SHT. # 14 of 33  
MAY 28, 2013





1 ROOF PLAN  
 A112 SCALE: 1/4" = 1'-0"  
 NORTH

NOT FOR CONSTRUCTION

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 architects engineers

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

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Park Manager	Date

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**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

ROOF PLAN

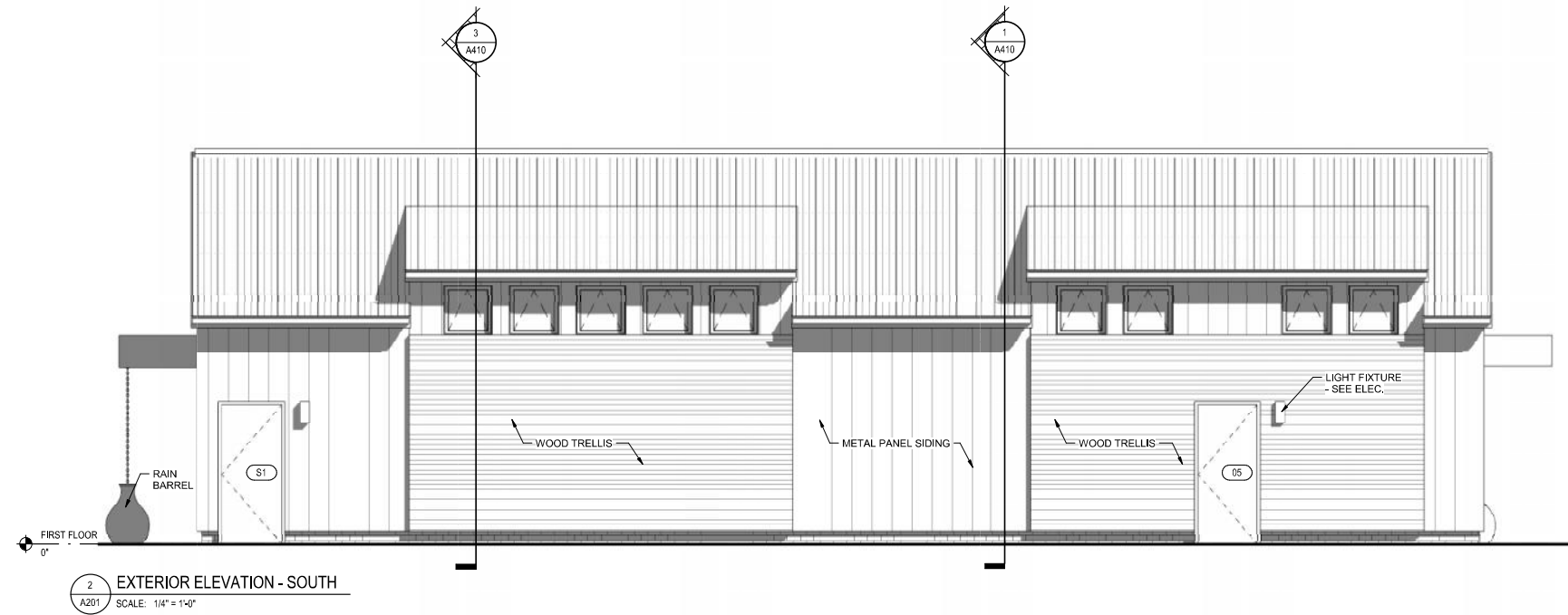
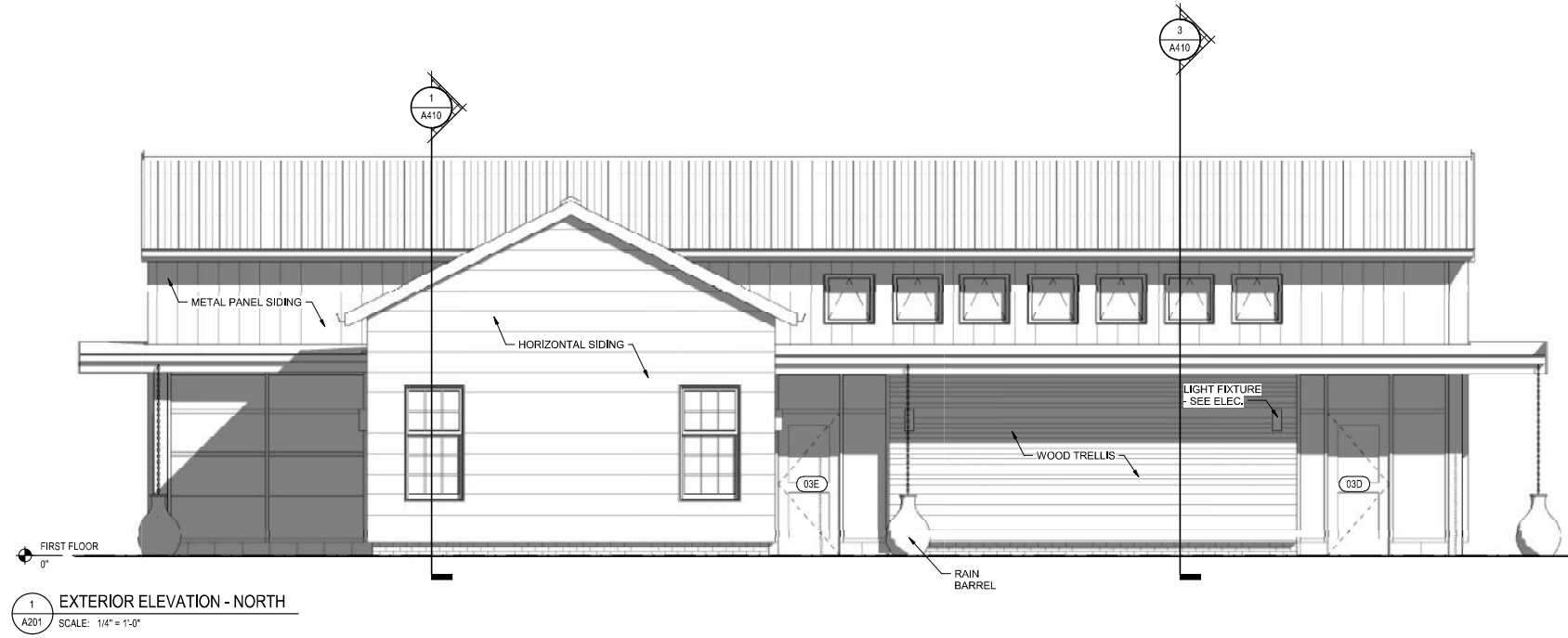
A-VCB

SHT. # 15 of 33  
MAY 28, 2013









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architects engineers

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Expiration Date \_\_\_\_\_



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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 _____		
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11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXTERIOR ELEVATIONS

A-VCB

SHT. # 18 of 33  
MAY 28, 2013

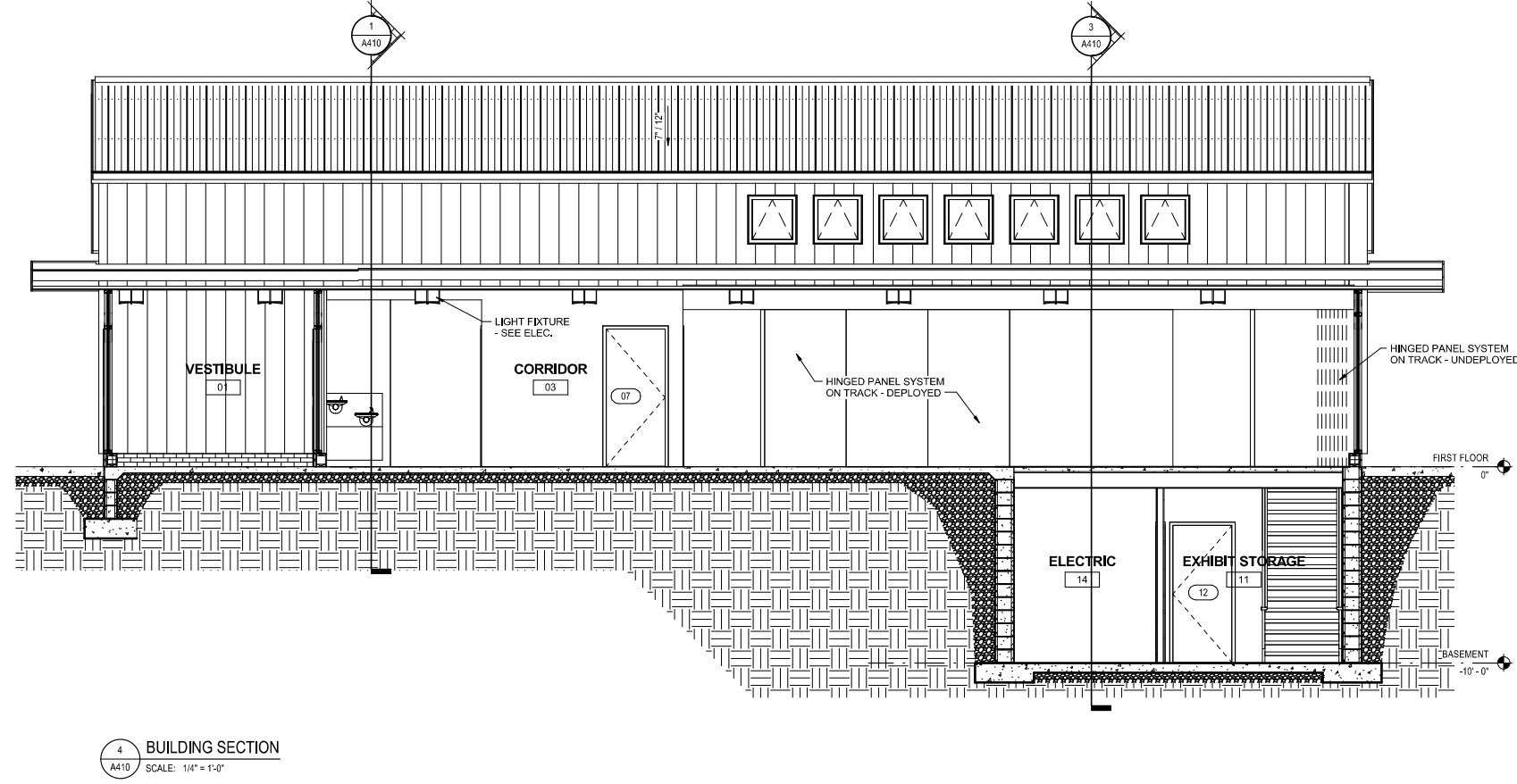
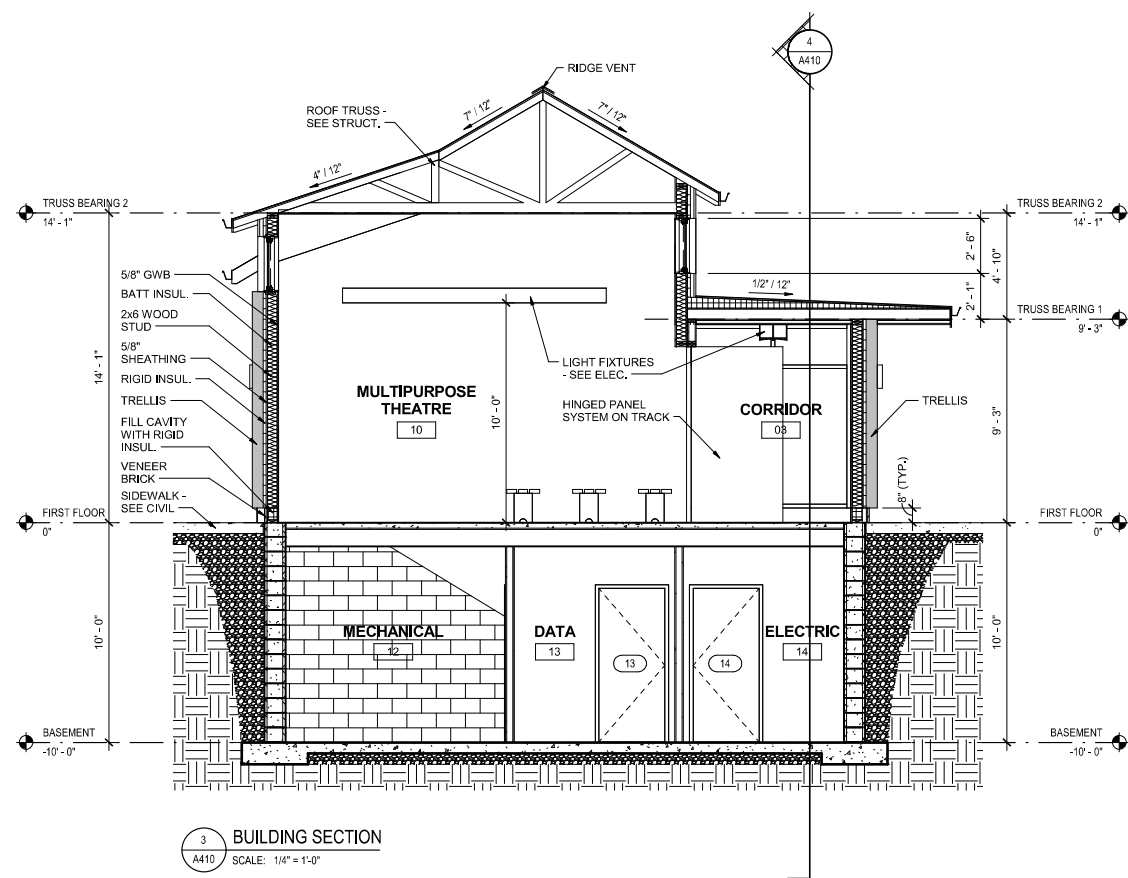
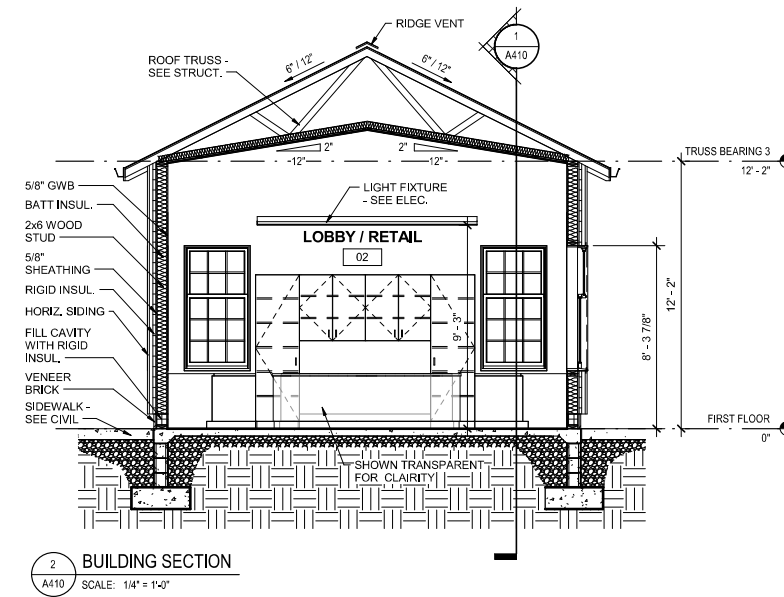
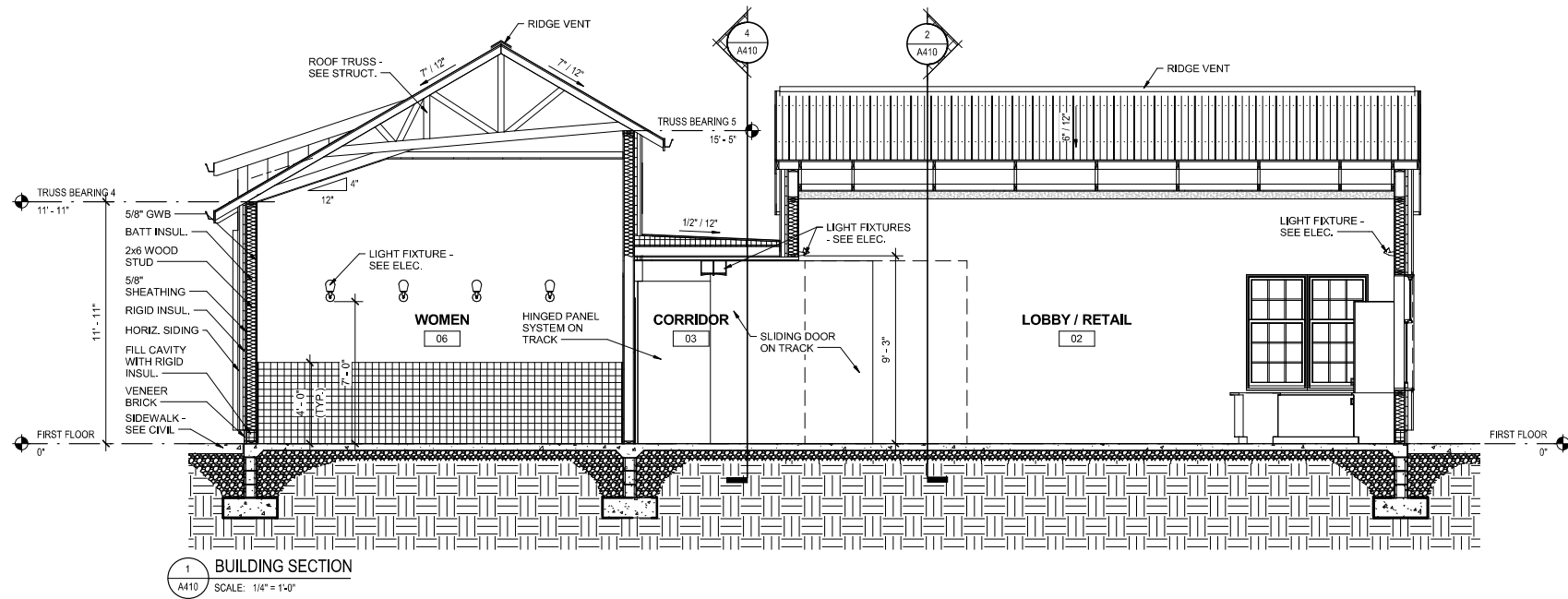
FINAL SCANNED

PLAN SCANNED

PARK CODE: C-0

Project: High School, 5/1/2013 1:13:25

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NOT FOR CONSTRUCTION

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architects engineers

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(301) 495-2535

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Construction Manager	Date
Park Manager	Date

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

**Josiah Henson Park - Facility Plan**  
11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**BUILDING SECTIONS**

A-VCB

SHT. # 19 of 33  
MAY 28, 2013



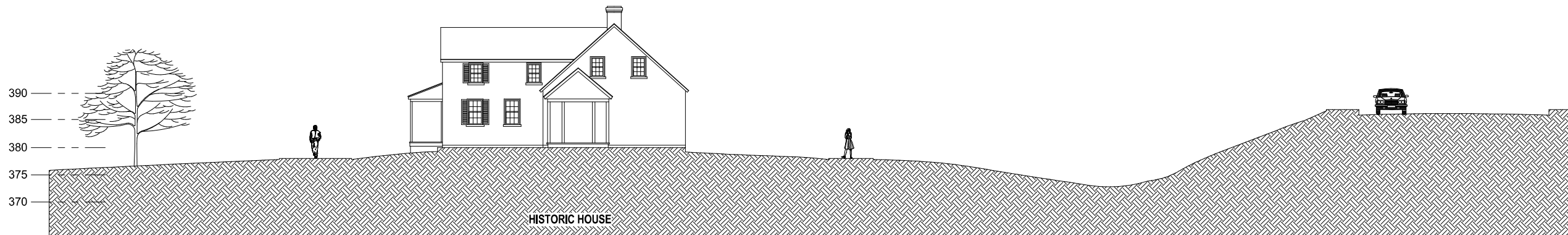
FINAL - SCANNED

PLAN - SCANNED

PARK CODE: C-0

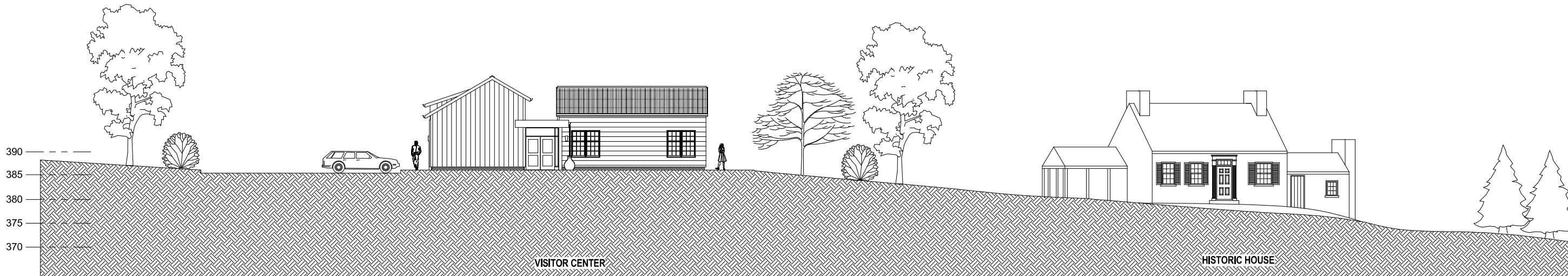
PROJECT: 1110 EAST PRINCESS ST

C:\Users\jason\Documents\Design\1110 East Princess St\1110 East Princess St.dwg



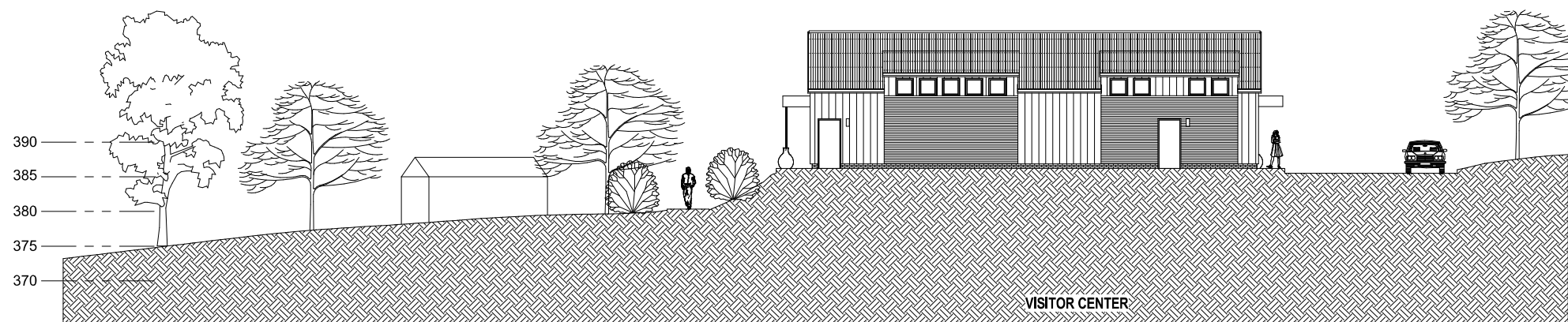
SITE SECTION - HISTORIC HOUSE & OLD GEORGETOWN ROAD

SCALE: 1" = 10'-0"



SITE SECTION - NORTH / SOUTH

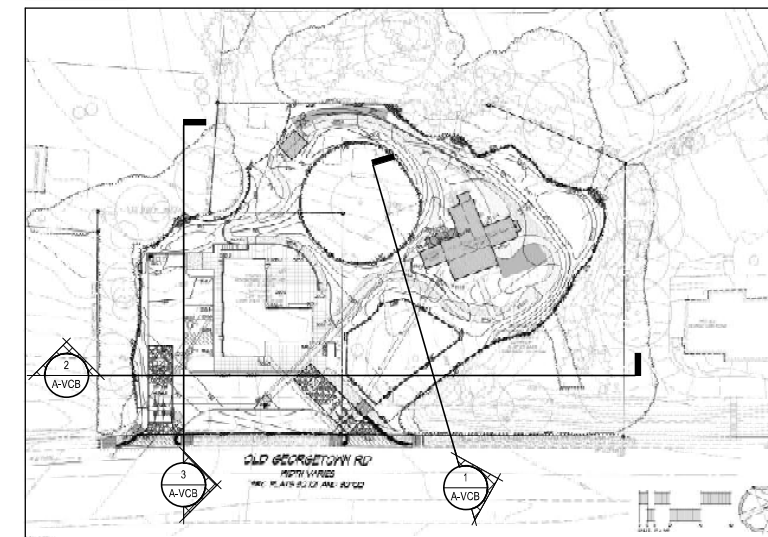
SCALE: 1" = 10'-0"



SITE SECTION - THEATRE & OLD GEORGETOWN ROAD

SCALE: 1" = 10'-0"

KEY PLAN



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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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.

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Expiration Date \_\_\_\_\_



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Project Manager	Date
Construction Manager	Date
Park Manager	Date

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

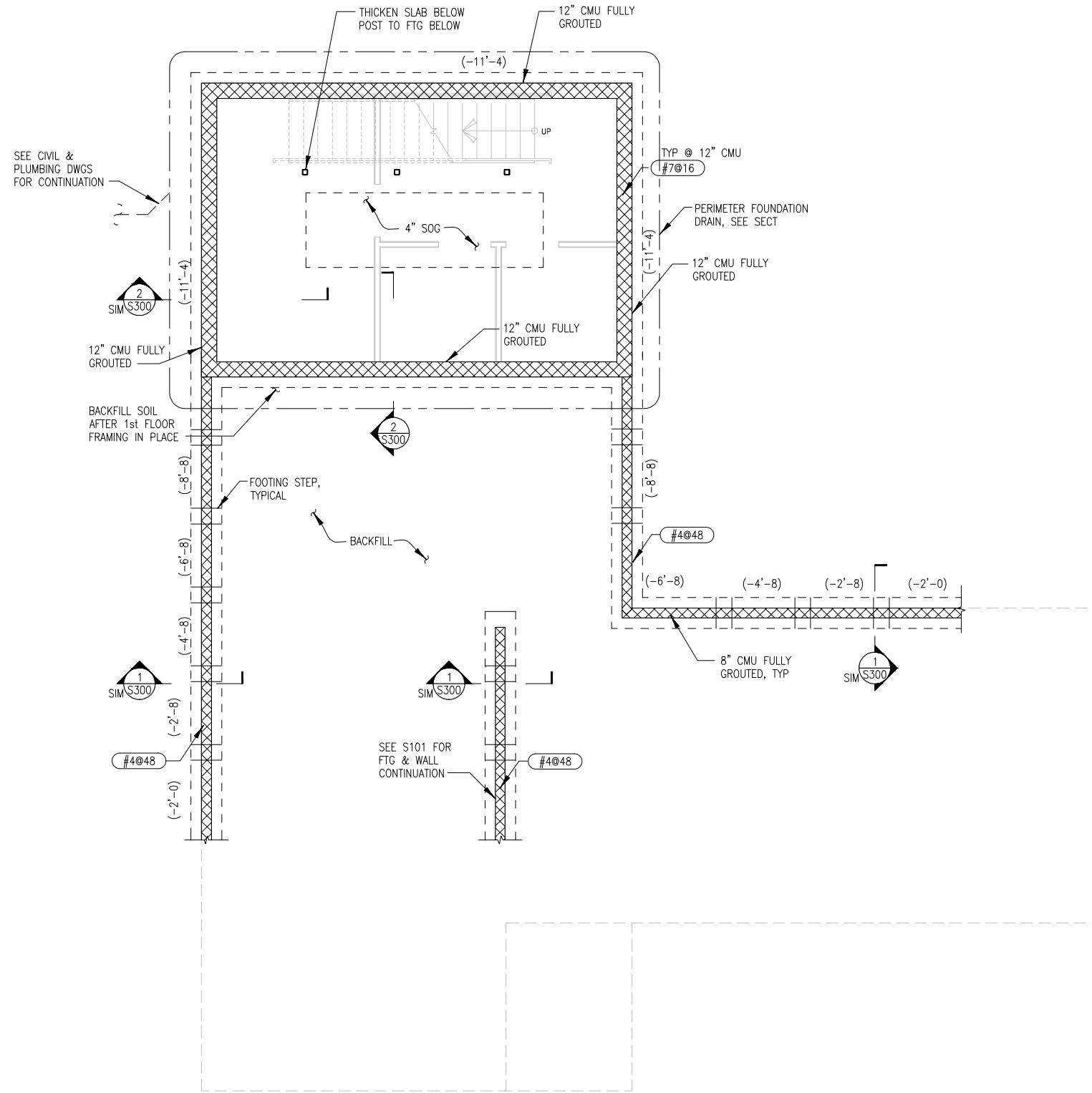
Josiah Henson Park - Facility Plan  
11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

SITE SECTIONS

A-VCB

SHT. # 20 of 33  
MAY 28, 2013

- BASEMENT PLAN NOTES:**
- 4" SOG INDICATES 4" THICK NORMAL WEIGHT CONCRETE SLAB REINFORCED w/ WWF 6x6 W2.0xW2.0 w/ VAPOR RETARDER OVER 4" DRAINAGE FILL.
  - GROUND FLOOR REFERENCE ELEVATION = 100.00'.
  - TOP OF SLAB = -10'-0" FROM GROUND FLOOR REFERENCE ELEVATION UNO.
  - TOP OF FOOTING NOTED (-x-xx) FROM GROUND FLOOR REFERENCE ELEVATION. TOP OF FOOTING = (-2'-0") UNO.



**BASEMENT PLAN - VISITOR CENTER**

Scale: 1/4" = 1'-0"

1 S110

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Construction Manager	Date
Park Manager	Date

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Rev. No.	Date	Description

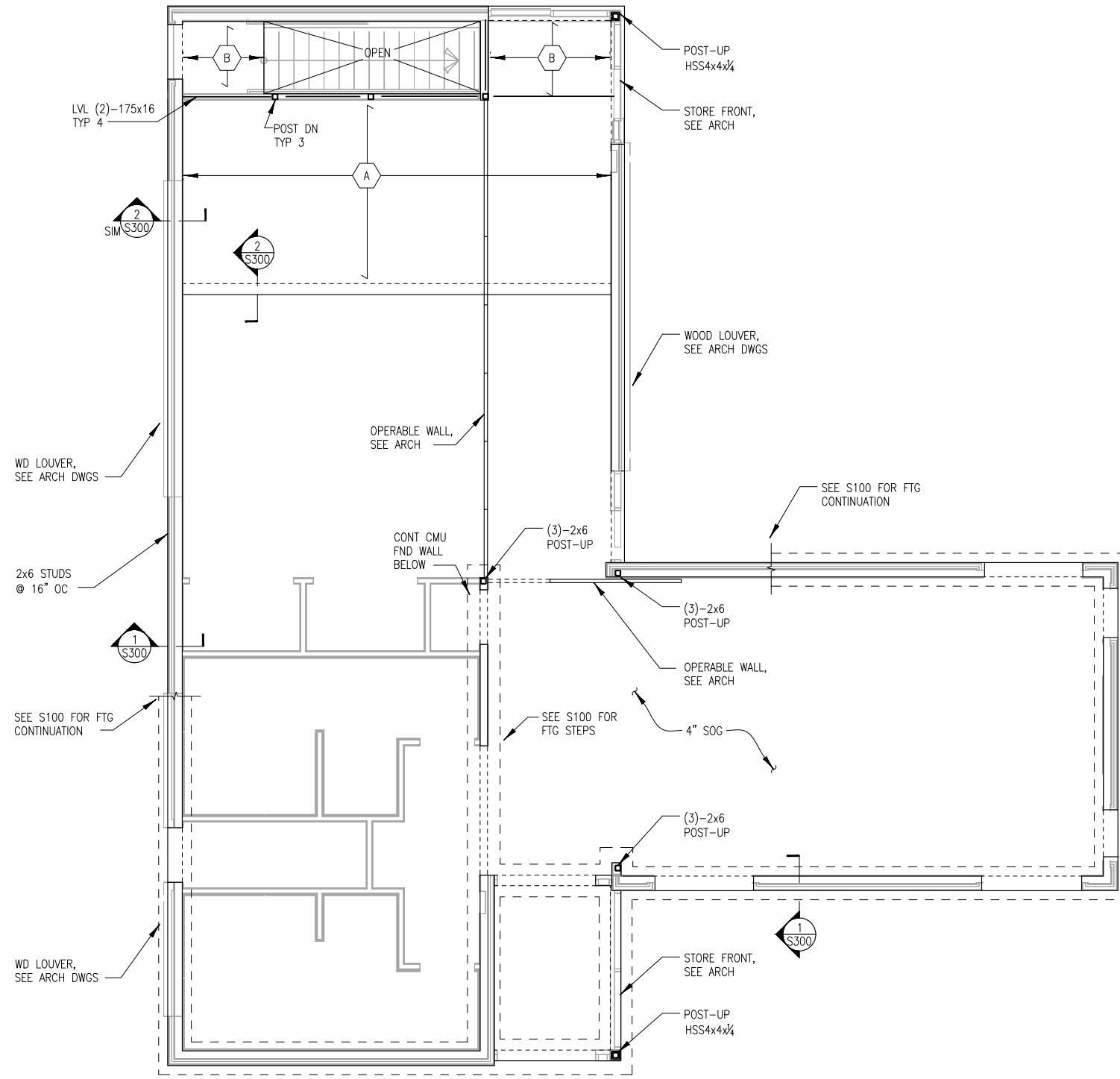
**Josiah Henson Park - Facility Plan**  
11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN  
**BASEMENT PLAN**

**S-VCB**  
SHT. # 21 of 33  
MAY 28, 2013

- FIRST FLOOR PLAN NOTES:**
- 4" SOG INDICATES 4" THICK NORMAL WEIGHT CONCRETE SLAB REINFORCED w/ WWF 6x6 W2.0xW2.0 w/ VAPOR RETARDER OVER 4" DRAINAGE FILL.
  - GROUND FLOOR REFERENCE ELEVATION = 100.00'.
  - TOP OF SLAB = -0'-0" FROM GROUND FLOOR REFERENCE ELEVATION.
  - TOP OF FOOTING NOTED (-x'-xx) FROM GROUND FLOOR REFERENCE ELEVATION. TOP OF FOOTING = (-2'-0) UNO.
  - WOOD STUD WALLS ARE STRUCTURAL SHEAR WALLS SHEATHED w/ 1/2" STRUCTURAL 1, EXP. 1 PLYWD SHEATHING ON EXTERIOR FACE. STRUCTURAL SHEAR WALLS SHALL HAVE A (3)-2X6 POST AT EACH END w/ CONTINUOUS UPLIFT ANCHORS TO FOUNDATION.
  - PLYWOOD WALL SHEATHING SHALL BE ANCHORED TO STUDS w/ 8d NAILS @ 6" OC @ EDGES, 12" OC OTHERWISE.
  - SEE S000 FOR JACK STUD REQUIREMENTS @ OPENINGS.

**WOOD FRAMING KEY:**  
SPACING INDICATED IS MAXIMUM ON-CENTER (OC) SPACING OF FLOOR AND ROOF FRAMING MEMBERS.

- A 16" TJI 560 JOIST @12" OC w/ 3/4" PLYWOOD & 3" CONC TOPPING
- B 16" TJI 230 JOIST @12" OC w/ 1" PLYWOOD DECK & 3" CONC TOPPING REINFORCING w/ WWF 6x6 W2.0xW2.0
- C 2x8 RAFTERS @16" OC w/ 3/4" ROOF SHEATHING



**FIRST FLOOR PLAN - VISITOR CENTER**  
 SCALE AT FULL SIZE 1/4" = 1'-0"  
 1 S111

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Construction Manager	Date
Park Manager	Date

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Rev. No.	Date	Description

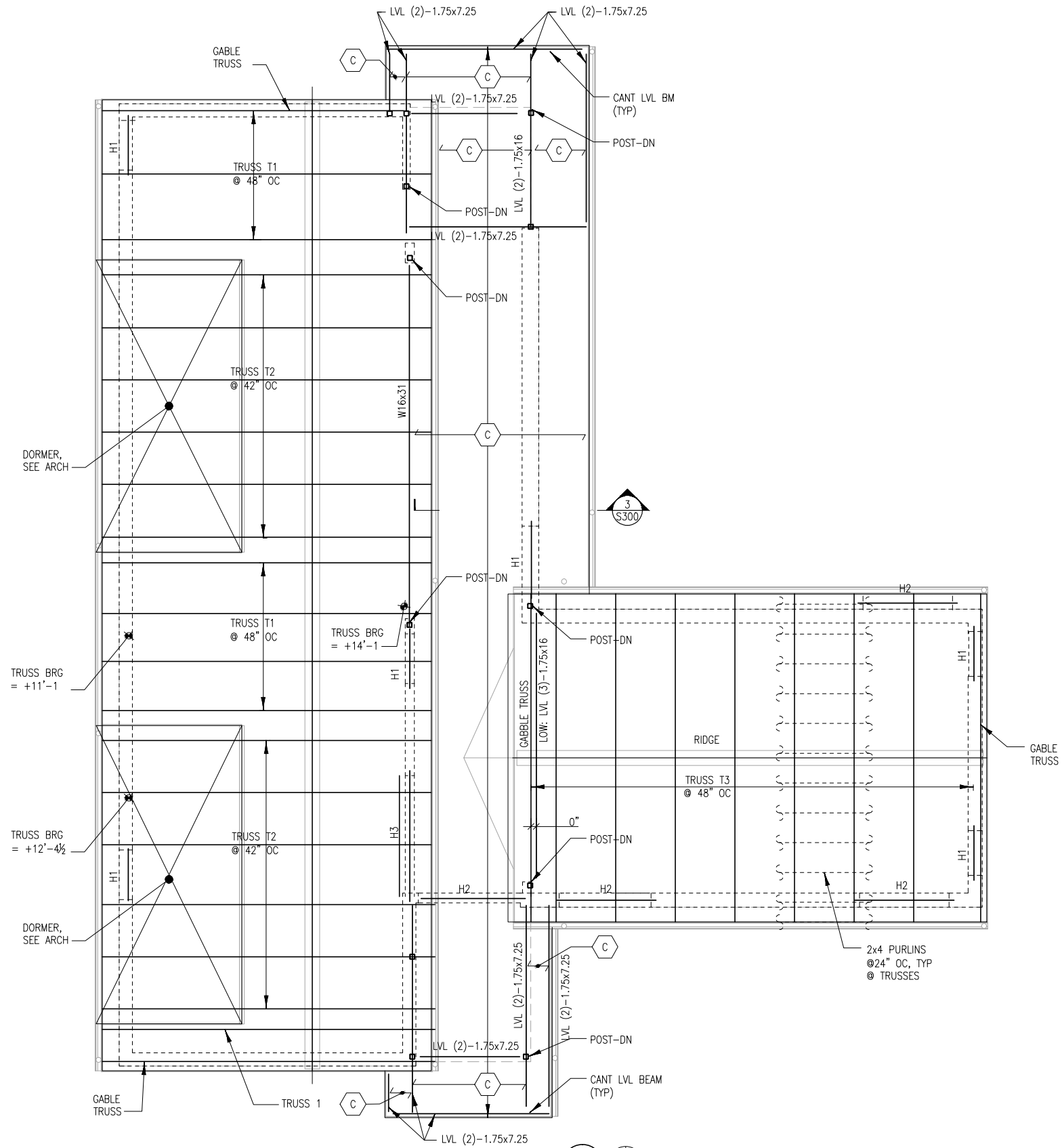
**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**FIRST FLOOR PLAN**

**S-VCB**

SHT. # 22 of 33  
 MAY 28, 2013





- ROOF PLAN NOTES:**
1. ROOF DECK IS NOM 3/4" PLYWOOD, STRUCTURAL 1, EXP. 1 SHEATHING, UNBLOCKED DIAPHRAGM w/ 6d NAILS @6" OC @ EDGES & @12" OC OTHERWISE, UNO.
  2. GROUND FLOOR REFERENCE ELEVATION = 100.00'.
  3. TRUSS AND RAFTER BEARING ELEVATIONS NOTED ON PLAN (+x'-xx) FROM GROUND FLOOR REFERENCE ELEVATION. TRUSS BEARING ELEVATION = (+11'-0") UNO.
  4. TRUSSES SHOWN ON PLAN ARE METAL PLATED CONNECTED TRUSSES. REFER TO SPECIFICATIONS & ELEVATIONS ON DRAWING S400 FOR ADDITIONAL INFORMATION.
  5. METAL PLATE CONNECTED TRUSSES SHALL ALIGN w/ WOOD STUD BELOW. PROVIDE ADDITIONAL STUDS AS REQUIRED. STUDS & POSTS SUPPORTING METAL PLATE CONNECTED TRUSSES & BEAMS SUPPORTING METAL PLATE CONNECTED TRUSSES SHALL HAVE METAL TIE DOWN ANCHORS TO PROVIDE CONTINUOUS RESISTANCE TO UPLIFT FORCES, EXTENDING TO FOUNDATION.
  6. TRUSS PURLINS & WOOD OUTRIGGERS ARE NOM. 2x4 (FLATWISE) SPACED @ 24" OC UNO.
  7. ALL RAFTERS w/ CANTILEVERED ENDS SHALL HAVE AN UPLIFT ANCH @ THE BACK SPAN.
  8. "H\_" INDICATES WOOD HEADER. SEE NOTES ON S000 FOR TYPICAL HEADER SIZES.
  9. SEE ARCHITECTURAL DRAWINGS FOR ROOF SLOPE & ADDITIONAL DIMENSIONS NOT SHOWN ON PLAN.

**WOOD FRAMING KEY:**  
SPACING INDICATED IS MAXIMUM ON-CENTER (OC) SPACING OF FLOOR AND ROOF FRAMING MEMBERS.

- A 16" TJI 560 JOIST @12" OC w/ 3/4" PLYWOOD & 3" CONC TOPPING
- B 16" TJI 230 JOIST @12" OC w/ 1" PLYWOOD DECK & 3" CONC TOPPING REINFORCING w/ WWF 6x6 W2.0xW2.0
- C 2x8 RAFTERS @16" OC w/ 3/4" ROOF SHEATHING

ROOF PLAN - VISITOR CENTER  
SCALE AT FULL SIZE 1/4"=1'-0"  
1 S112

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Construction Manager	Date
Park Manager	Date

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Rev. No.	Date	Description

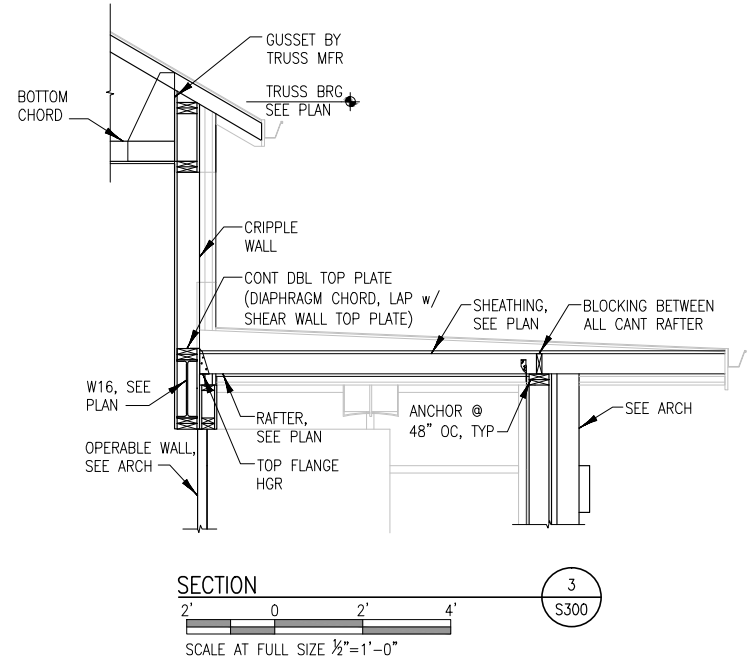
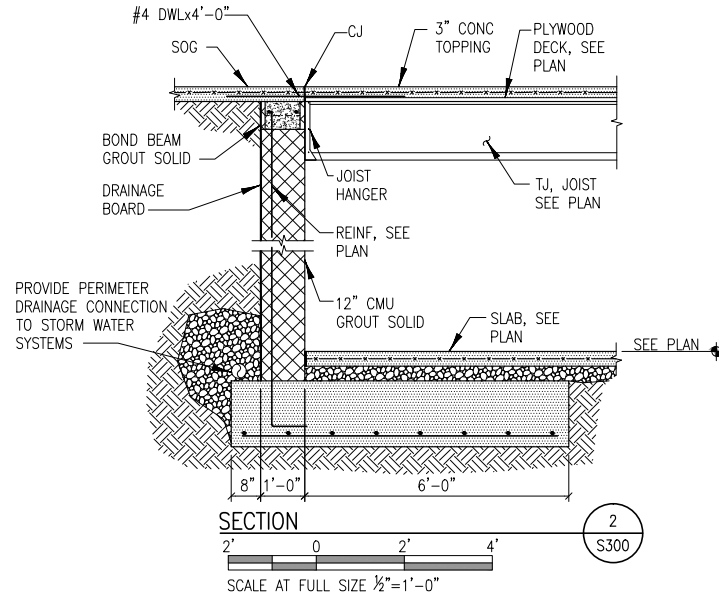
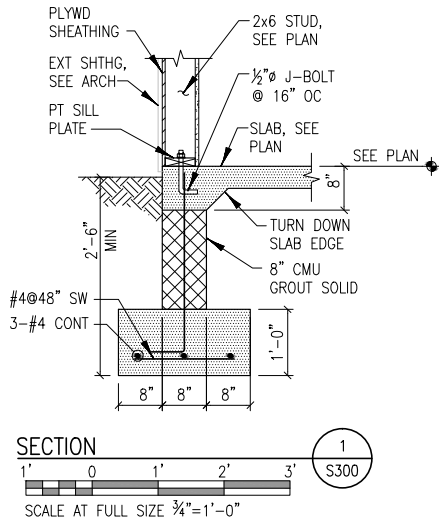
**Josiah Henson Park - Facility Plan**  
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**ROOF PLAN**

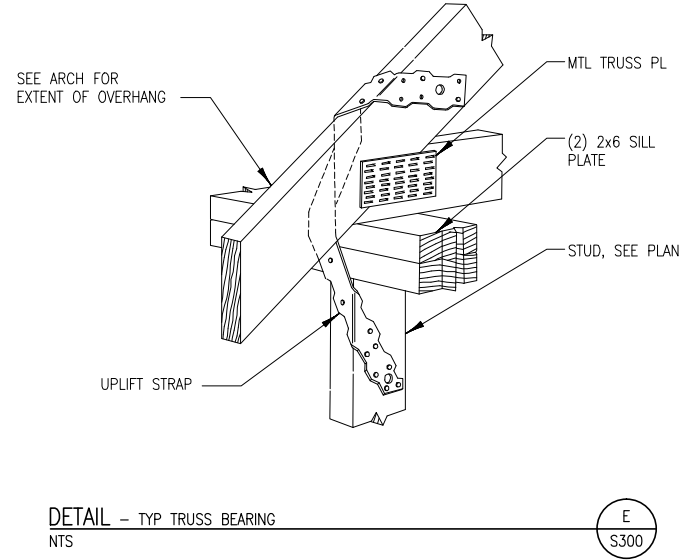
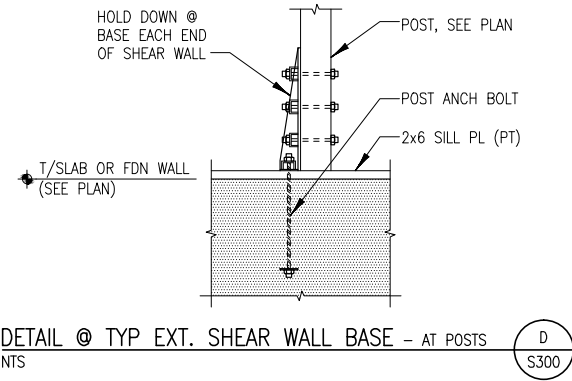
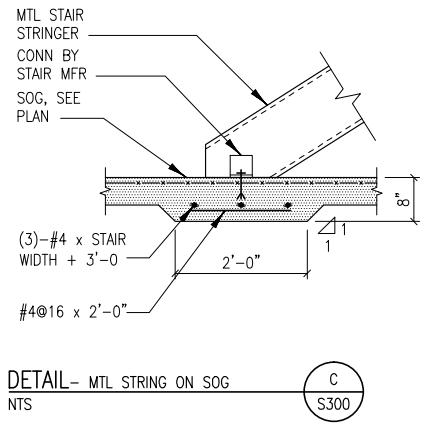
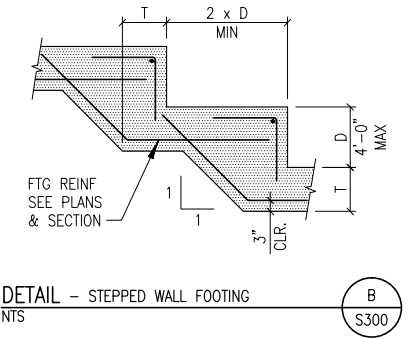
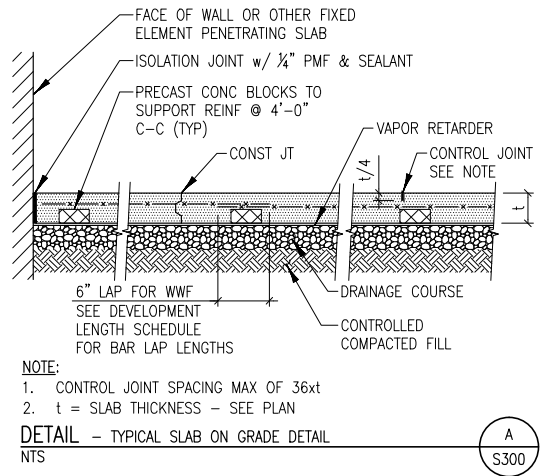
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SHT. # 23 of 33  
MAY 28, 2013

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TYPICAL DETAIL



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Architect	Date	Checked By:
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Construction Manager	Date
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**SECTIONS & DETAILS**

**S-VCB**

SHT. # 24 of 33  
MAY 28, 2013

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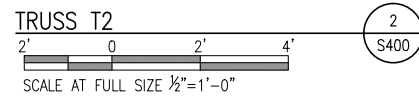
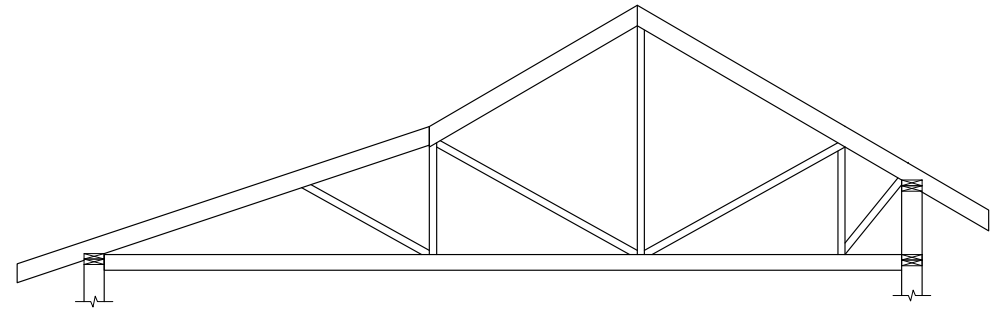
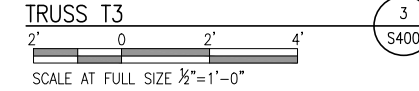
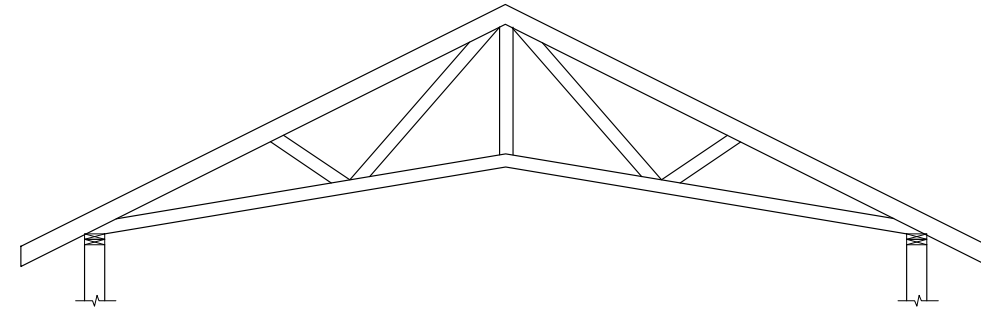
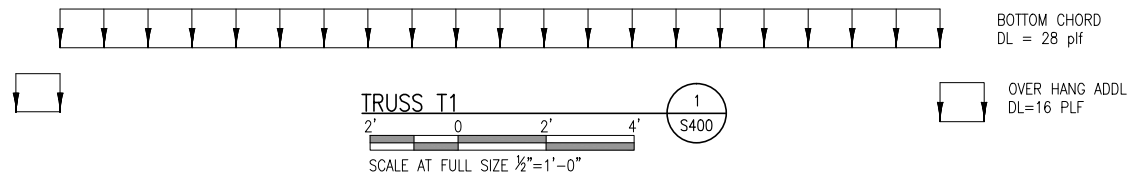
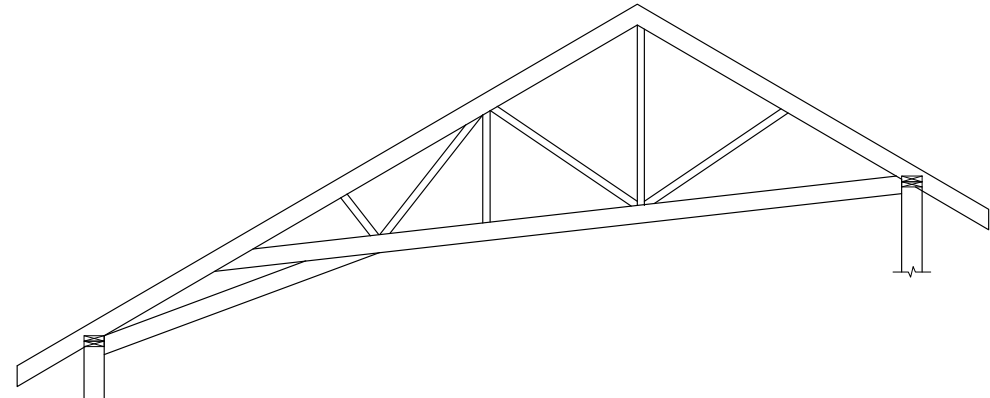
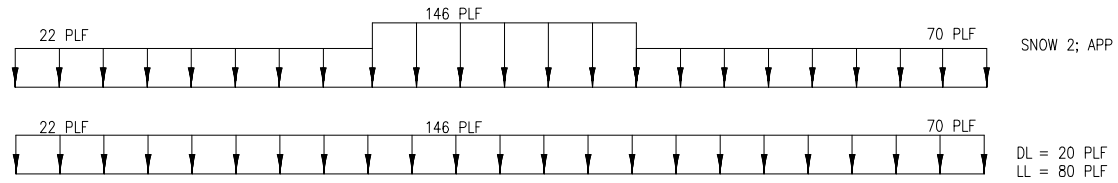
FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

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W:\2011\11553 Josiah Henson Special Park Drawings\Structural\S400.dwg S400



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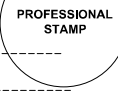
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11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**TRUSS ELEVATIONS**

S-VCB

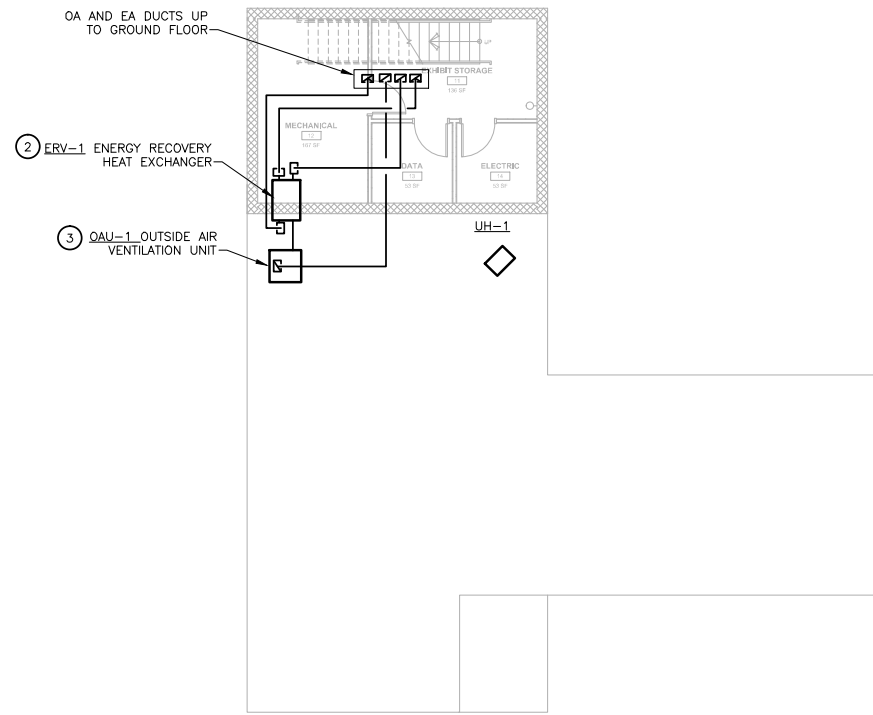
SHT. # 25 of 33  
MAY 28, 2013



FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10



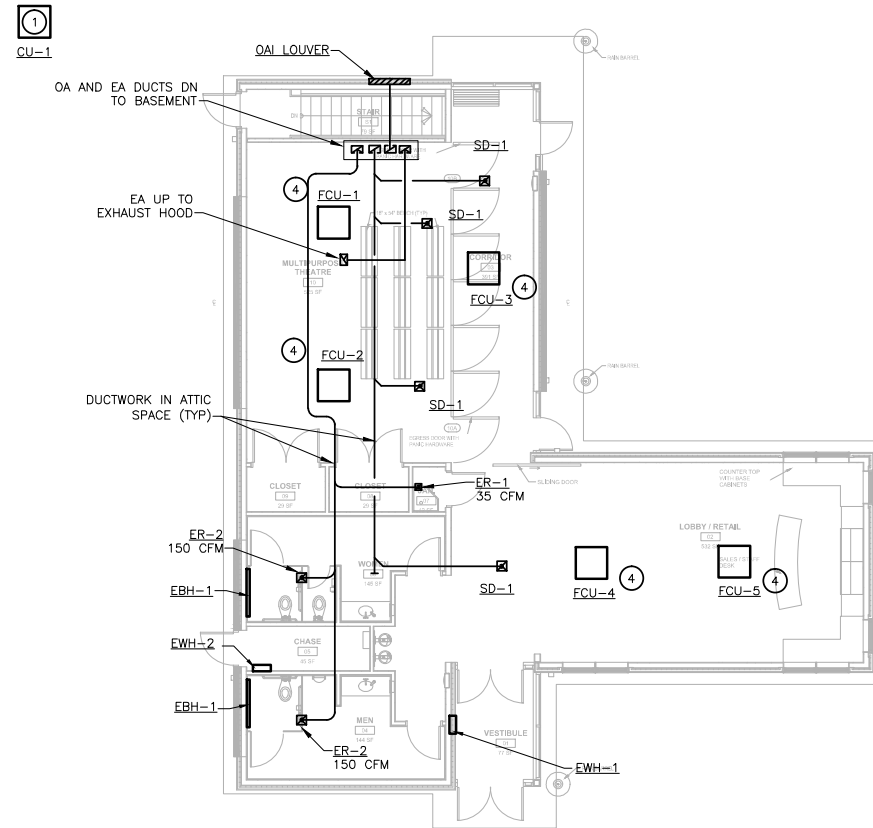
**VISITOR CENTER BASEMENT FLOOR PLAN - MECHANICAL**

SCALE: 1/8" = 1'-0"



**REFERENCE NOTES:**

- ① VARIABLE REFRIGERANT VOLUME (VRV) SYSTEM CONDENSING UNIT AT GRADE MOUNTED ON 4" THICK CONCRETE PAD
- ② FLAT PLATE TYPE ENERGY RECOVERY HEAT EXCHANGER WITH INTEGRAL EXHAUST/UPPLY FANS
- ③ 100 PERCENT OUT DOOR AIR VENTILATION UNIT CONNECT REFRIGERANT PIPING TO VRV SYSTEM CONDENSING UNIT
- ④ CASSETTE TYPE FAN COIL UNIT CONNECT REFRIGERANT PIPING TO VRV SYSTEM CONDENSING UNIT.



**VISITOR CENTER FIRST FLOOR PLAN - MECHANICAL**

SCALE: 1/8" = 1'-0"



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CONSULTING ENGINEERS - PLANNERS  
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HUNT VALLEY, MD 21081  
Phone: 443-589-2400 Fax: 443-589-2401

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**MECHANICAL PLANS**

NOT FOR CONSTRUCTION

M-VCB

SHT. # 26 of 33  
MAY 28, 2013

FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

GAS FIRED FURNACE W/ DX COOLING COIL & AIR COOLED CONDENSING UNIT SCHEDULE																									
FORCED AIR FURNACE											DIRECT EXPANSION COOLING COIL					CONDENSING UNIT									
DESIG.	AFUE	SUPPLY AIR CFM	MIN. O.A. CFM	EXT. S.P. H2O	MAX. FAN MOTOR HP	GAS CAPACITY MBH		INTAKE SIZE	EXHAUST SIZE	ELECTRICAL V-β-Hz	MANUFACTURER AND MODEL	ENTERING AIR		SENS. MBH	TOTAL MBH	MANUFACTURER AND MODEL	DESIG.	NOMINAL COOLING CAPACITY (TONS)	SEER	COMP. RLA	TOTAL UNIT MCA	MOCP	ELECTRICAL V-β-Hz	WEIGHT (LBS.)	MANUFACTURER AND MODEL
						INPUT	OUTPUT					*F.D.B.	*F.W.B.												
GFF-1	92.3	1,135	275	0.50	0.50	60	56	2"	2"	120-1-60	AMANA ***	80.0	66.2	30.6	48.9	MAGICAIRE CNP4221	CU-1	3.5	15.5	17.9	23.7	40.0	208-1-60	320	AMANA
GFF-2	92.3	1,265	320	0.50	0.50	60	56	2"	2"	120-1-60	AMANA	79.7	67.3	32.9	52.7	MAGICAIRE CNP4821	CU-2	4.0	15.5	21.8	28.5	45.0	208-1-60	326	AMANA

**NOTES:**  
 1. EQUIPMENT BASED ON CARRIER EQUIPMENT, MINIMUM SEER 15.0 USING "PURON" R410A REFRIGERANT.  
 2. HEATING SECTION SHALL BE COMPLETE WITH INTEGRAL CIRCUIT BREAKER.  
 3. GFF-1 AND GFF-2 SHALL BE PROVIDED WITH AN ECONOMIZER BOX AND CONTROLS SO THAT UNIT CAN OPERATE IN ECONOMIZER MODE WHEN OUTSIDE AIR TEMPERATURE AND ENTHALPY PERMITS. UNITS SHALL BE PROVIDED WITH A MICROMETL ECONOMIZER BOX MODEL MB-AH-\*\*\*-ENT-HW. SEE FLOOR PLANS FOR EXACT MODEL NUMBER FOR EACH ECONOMIZER BOX. SSHP UNITS SHALL BE PROVIDED WITH A HONEYWELL ECONOMIZER CONTROL MODULE MODEL W7212 AND ASSOCIATED ENTHALPY SENSORS, TEMPERATURE SENSORS, AND ACTUATOR IN ORDER FOR MODULE TO OPERATE SSHP UNIT IN ECONOMIZER MODE. CONTRACTOR SHALL FOLLOW THE HONEYWELL INSTALLATION INSTRUCTIONS WHEN LOCATING THE MODULE, ALL CONTROL SENSORS, AND THE ACTUATOR. HONEYWELL CONTROL MODULE SHALL BE POWERED FROM SSHP UNIT.

DUCTLESS SPLIT SYSTEM HEAT PUMP UNIT SCHEDULE																						
AIR HANDLING UNIT INDOOR SECTION													OUTDOOR UNIT									
UNIT NO.	UNIT TYPE DESCRIPTION	NOMINAL UNIT TONS COOLING CAPACITY	SUPPLY AIR CFM	COOLING @ 95° AMBIENT					HEATING @ 47° AMBIENT					ELECTRICAL V-β-Hz	INDOOR UNIT MODEL NUMBER	UNIT NO.	COMP. RLA	TOTAL UNIT MCA	MOCP	ELECTRICAL V-β-Hz	OUTDOOR UNIT MODEL NUMBER	REMARKS
				ENTERING AIR *F.D.B.	SENS. MBH	TOTAL MBH	EFF. SEER	EAT *F.D.B.	LAT *F.D.B.	HEAT CAP. MBH	HEAT IN WATTS	EFF. HSPF										
AC-1	0.75	0.75	265	80	67	5.3	8.5	18.0	80	67	5.3	8.5	18.0	208-1-60	ELA***	AHPU-1	3.4	4.4	15.0	208-1-60	RKS09JEUJU	①②

**NOTES:**  
 ① BASIS OF DESIGN: MITSUBISHI "MULTI"  
 ② UNIT SHALL BE COMPLETE WITH MANUFACTURER'S WIRED REMOTE CONTROLLER.

VRV OUTDOOR HEAT RECOVERY UNIT													
DESIG.	TOTAL COOLING BTU/H	IEER	TOTAL HEATING BTU/H	AMBIENT COOLING TEMP. °F	AMBIENT HEATING TEMP. °F	POWER SUPPLY			WEIGHT (LBS.)	REFRIGERANT	DIMENSIONS W/H/D	MANUFACTURER AND MODEL	
						RLA	MCA	MOCP					
HRU-1	68,384	22.0	69,719	95.0	9.0	18.8	36.1	40	208/3/60	732	R-410A	51.2"x66.1"x30.1"	DAIKIN REYQ

**NOTES:**  
 1. REFRIGERANT LINES SIZED PER MANUFACTURER'S SPECIFICATIONS.  
 2. COOLING AND HEATING CAPACITIES LISTED ARE THE MINIMUM REQUIRED CAPACITIES.  
 3. COMPRESSORS SHALL BE INVERTER SCROLL TYPE.  
 4. IEER LISTED IS MINIMUM REQUIRED IEER.  
 5. TOTAL SYSTEM REFRIGERANT CHARGE IS 53.3 LBS AS SEEN ON M4.5. SMALLEST ROOM SERVED IS UNIT 142 (VRF-9), WHICH IS 2,763 CUBIC FEET. BY CODE, MAXIMUM ALLOWABLE LBS OF REFRIGERANT IN THE SYSTEM IS 69.1 LBS. DAIKIN SYSTEM IS UNDER THE MAXIMUM ALLOWABLE LBS OF REFRIGERANT AND MEETS CODE.

ELECTRIC HEATER SCHEDULE										
UNIT DESIG.	LOCATION	CFM	BTU/HR	ELECTRIC HEATER	AMPS	ELECTRICAL CHARACTERISTICS	WEIGHT	MANUFACTURER AND MODEL NUMBER		REMARKS
EW-1	VESTIBULE (VC)	100	5120	1.5 KW	7.25	208/1/60	---	QMARK CWH3404		①②③④
EW-2	CHASE (VC)	50	1700	5.0 KW	--	208/1/60	---	MARKEL HF3326TD-RP		④⑤
EB-1	RESTROOMS (VC)	50	1700	5.0 KW	--	208/1/60	---	MARKEL HF3326TD-RP		④⑤
UH-1	MECHANICAL (VC)	550	1700	5.0 KW	--	208/1/60	---	MARKEL HF3326TD-RP		④⑤

**NOTES:**  
 ① HEATERS SHALL BE AS MANUFACTURED AS NOTED IN SCHEDULE.  
 ② PROVIDE DISCONNECT SWITCH AND INTEGRAL THERMOSTAT  
 ③ PROVIDE THERMOSTAT WITH LOCKABLE COVER / GUARD. LOCATE AS SHOWN ON DRAWING.  
 ④ MATCH UNIT HEATER COLOR WITH ADJACENT CEILING/WALL COLOR.  
 ⑤ PROVIDE WITH STANDARD BUILT-IN THERMOSTAT, INTEGRAL DISCONNECT SWITCH, FAN DELAY SWITCH, AUTOMATIC THERMAL SAFETY CUTOFF AND GALVANIZED STEEL INSTALLATION BACK BOX.

EXHAUST FAN SCHEDULE												
FAN NO.	LOCATION-SERVING	MOTOR WATT	HP	CFM	S.P. IN.	W.G.	RPM	TYPE & DRIVE	CONTROL	ELECT. CHAR.	MANUFACTURER AND MODEL NUMBER	REMARKS
EF-1	BATH ROOM	80	--	75	0.5	950	CEILING EXHAUST FAN	WALL SWITCH	120/1/60	GREENHECK MODEL # SP-B110	①②	
EF-2	RESTROOMS	81	--	225	0.5	1044	CEILING EXHAUST FAN	WALL SWITCH	120/1/60	GREENHECK MODEL # SP-A290		

**NOTES:**  
 ① PROVIDE RADIATION DAMPERS ON ALL CEILING MOUNTED EXHAUST FANS. DAMPERS SHALL BE IN ACCORDANCE WITH THE UL CLASSIFICATIONS/REQUIREMENTS FOR CEILING/FLOOR AND CEILING/ROOF ASSEMBLIES.  
 ② EXHAUST FANS EF-1 SHALL BE PROVIDED WITH AN INTEGRAL GRILLE.  
 ③ EXHAUST FAN EF-5 SHALL BE INTERLOCKED WITH OUTSIDE AIR DAMPERS MOD SHOW ON DRAWINGS

DIFFUSER, REGISTER AND GRILLE SCHEDULE											
DESIG.	SERVING	MOUNTING	NOMINAL FACE SIZE INCHES	NECK SIZE INCHES	MATERIAL	LINEAR			PATTERN	CFM RANGE	REMARKS
						SLOT LEN. IN.	SLOT WID. IN.	QTY. OF SLOTS			
LS-1	SUPPLY	CEILING/WALL	48x5	8"OVAL	ALUMINUM	48	3/4	2	ADJ	0-200	TITUS MODEL ML-38 ①
LS-2	SUPPLY	CEILING/WALL	48x7	10"OVAL	ALUMINUM	48	3/4	3	ADJ	201-260	TITUS MODEL ML-38 ①
LR-1	SUPPLY	CEILING/WALL	48x4	8"OVAL	ALUMINUM	48	3/4	1	ADJ	0-160	TITUS MODEL MLR-38 ①
LR-2	SUPPLY	CEILING/WALL	48x5	10"OVAL	ALUMINUM	48	3/4	2	ADJ	161-300	TITUS MODEL MLR-38 ①

**NOTES:**  
 1) ALL CEILING MOUNTED DIFF OR REG ARE TO HAVE FUSIBLE LINK RADIATION DAMPERS AND SHALL COMPLY W/REQUIREMENTS OF UL-L521(1ST, 2ND, & 3RD FLOORS) OR L531 (FOR 4TH FLOOR).  
 2) MAX AIR PRESSURE DROP (APD) .1"WG  
 3) MAX NC 30  
 4) ALL SUPPLY DIFFUSERS INDICATED SHALL BE SD-X WITH ASSOCIATED AIR QUANTITIES (CFM) DICTATING NECK SIZE AND DESIGNATION PER SCHEDULE.  
 5) ALL AIR DEVICES SHALL BE TITUS OR APPROVED EQUAL.  
 ① CONTRACTOR SHALL SUPPLY TITUS MPI-38 PLENUM FOR SUPPLY AND RETURN.

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

Professional Certification 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 \_\_\_\_\_

PROFESSIONAL STAMP



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

**Josiah Henson Park - Facility Plan**  
 11420 Old Georgetown Road, Rockville, MD 20852  
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**MECHANICAL SCHEDULES**

**M-VCB**

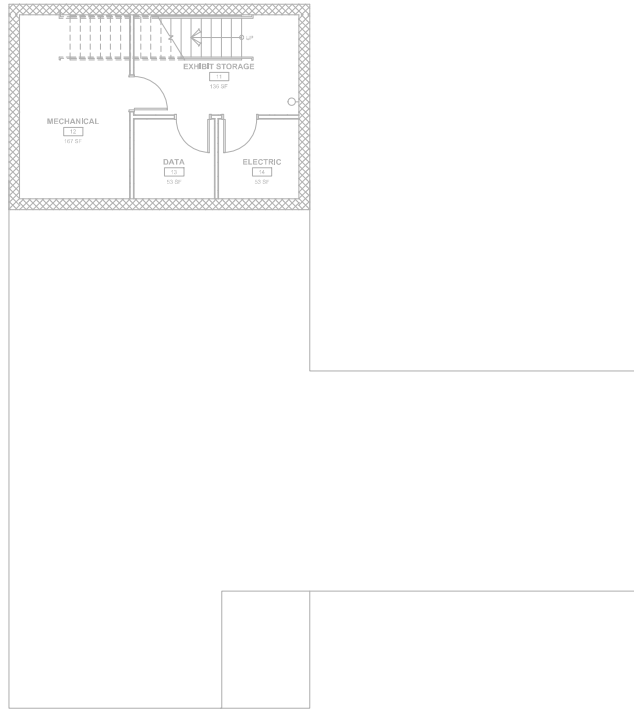
SHT. # 27 of 33  
 MAY 28, 2013

NOT FOR CONSTRUCTION

FINAL SCANNED:

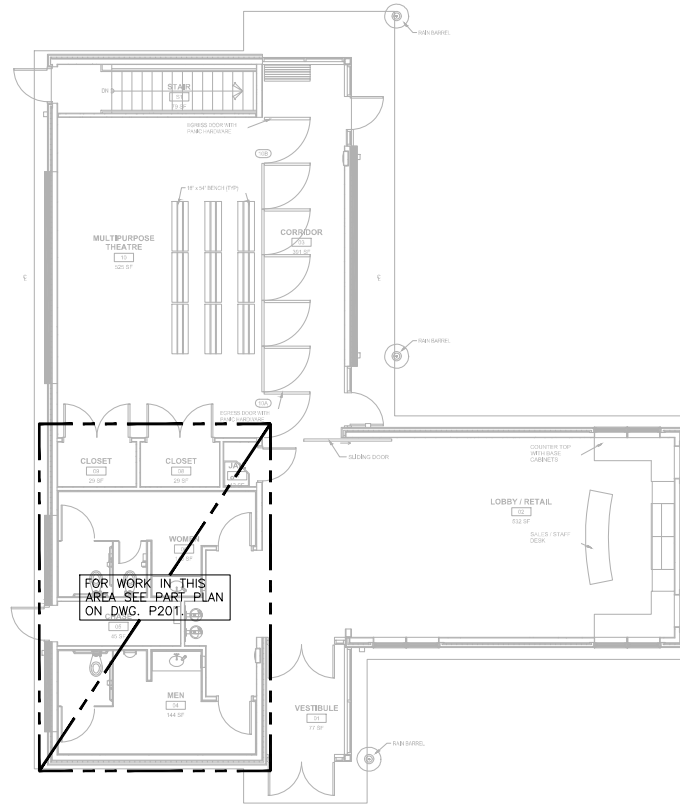
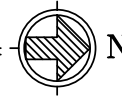
PLAN SCANNED:

PARK CODE: C10



### VISITOR CENTER BASEMENT FLOOR PLAN - PLUMBING

SCALE: 1/8" = 1'-0"



### VISITOR CENTER FIRST FLOOR PLAN - PLUMBING

SCALE: 1/8" = 1'-0"



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

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

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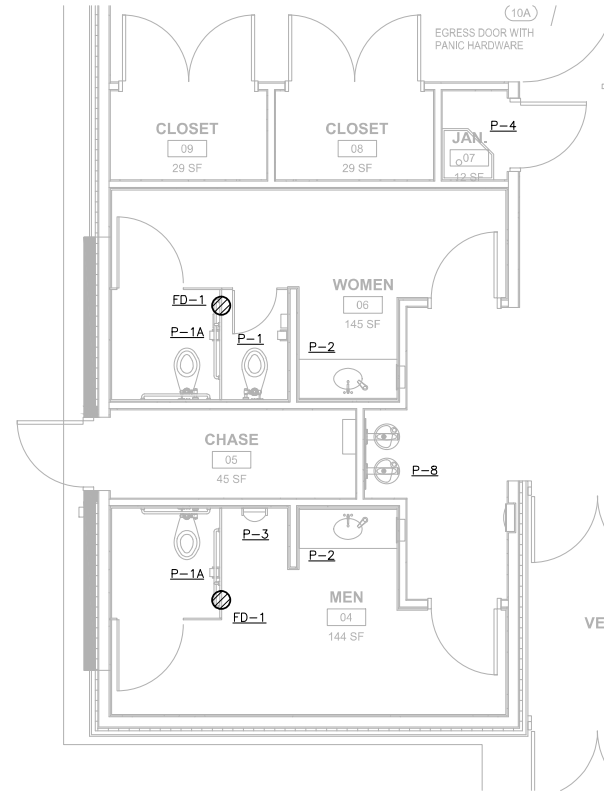
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**Josiah Henson Park - Facility Plan**  
11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN  
**PLUMBING PLANS**

P-VCB  
SHT. # 28 of 33  
MAY 28, 2013



PLUMBING ROUGH-IN SCHEDULE						
NO.	FIXTURE	C.W.	H.W.	W.	V.	REMARKS
P-1	WATER CLOSET	1"	--	4"	--	WALL MTD, 1.28 GPF ELECTRONIC FLUSH VALVE
P-1A	WATER CLOSET	1"	--	4"	--	WALL MTD, 1.28 GPF, ADA COMPLIANT ELECTRONIC FLUSH VALVE
P-1B	WATER CLOSET	1/2"	--	4"	--	FLOOR MTD, 1.28 GPF FLUSH TANK
P-2	LAVATORY	1/2"	1/2"	2"	1-1/2"	COUNTER MTD, ADA COMPLIANT SENSOR OPERATED 0.5 GPM FAUCET
P-2A	LAVATORY	1/2"	1/2"	2"	1-1/2"	WALL MTD, 1.5 GPM FAUCET
P-3	URINAL	3/4"	--	2"	1-1/2"	WALL MTD, 0.5 GPF, ADA COMPLIANT ELECTRONIC FLUSH VALVE
P-4	JANITOR MOP BASIN	3/4"	3/4"	3"	1-1/2"	FLOOR MOUNTED, 2.5 GPM FAUCET
P-5	LAUNDRY SINK	1/2"	1/2"	--	--	
P-6	SHOWER	1/2"	1/2"	2"	1-1/2"	
P-7	NOT USED					
P-8	BI-LEVEL WATER COOLER	1/2"	--	(2) 1-1/2"	1-1/2"	WALL MTD, ADA COMPLIANT RECESSED CHILLER
FD-1	FLOOR DRAIN					



**PART PLAN**

SCALE: 1/4" = 1'-0"

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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
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.

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

ISSUED FOR PROCUREMENT ON		
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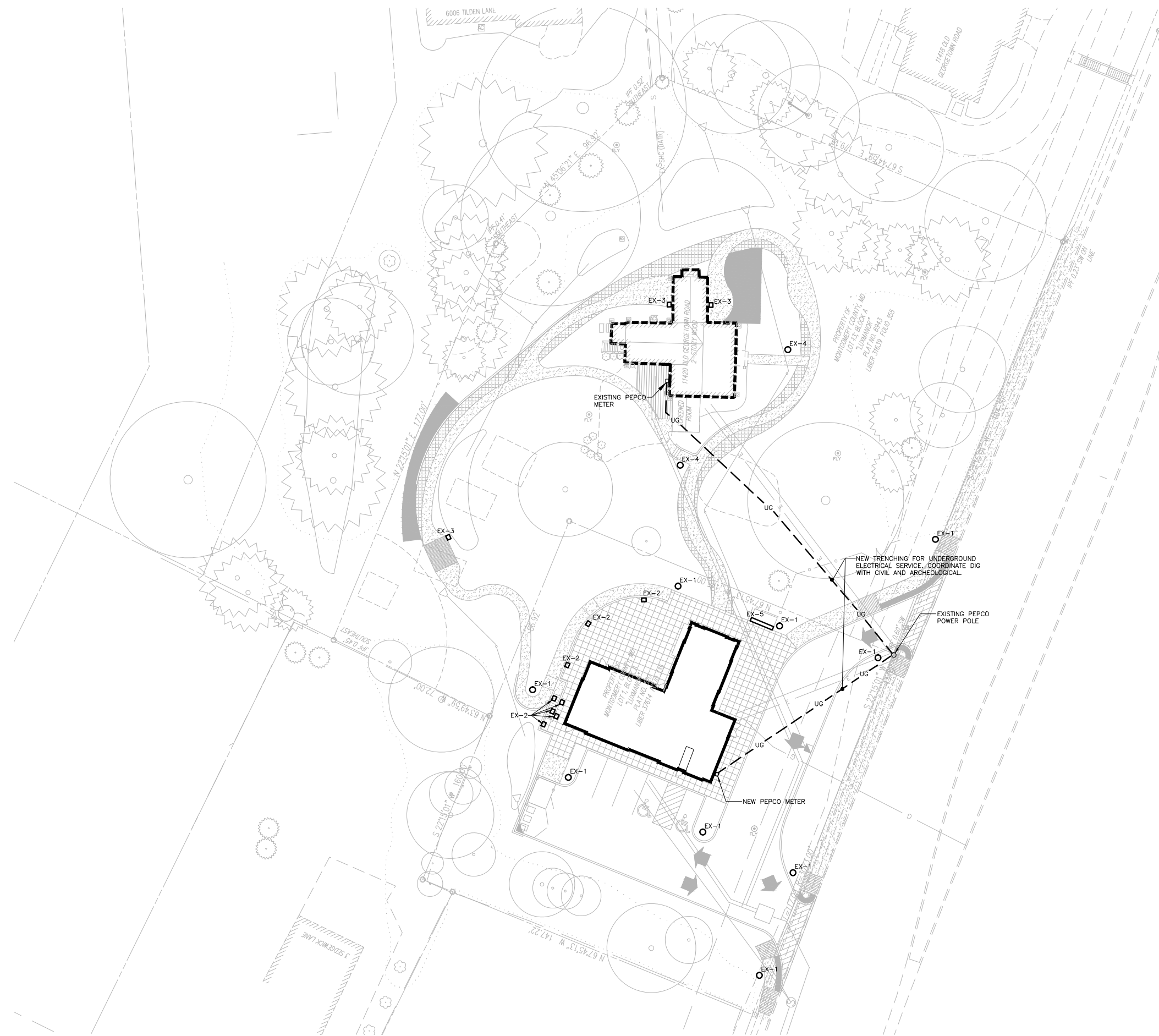
**Josiah Henson Park - Facility Plan**  
11420 Old Georgetown Road, Rockville, MD 20852  
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**PLUMBING PLANS**

**P-VCB**

SHT. # 29 of 33  
MAY 28, 2013

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**SITE PLAN - ELECTRICAL**  
SCALE: 1" = 20'

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**PRELIMINARY NOT FOR CONSTRUCTION**

project name / owner

**JOSIAH HENSON  
SPECIAL PARK PROJECT**  
11420 OLD GEORGETOWN RD  
ROCKVILLE, MARYLAND 20852

Rockville, Montgomery County, MD

seal / stamp

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architects engineers

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revisions

no.	date	description

project north

See Plan

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date 4.15.2013 project mgr.

project no.

drawing set

15% PROGRESS SET

drawing title

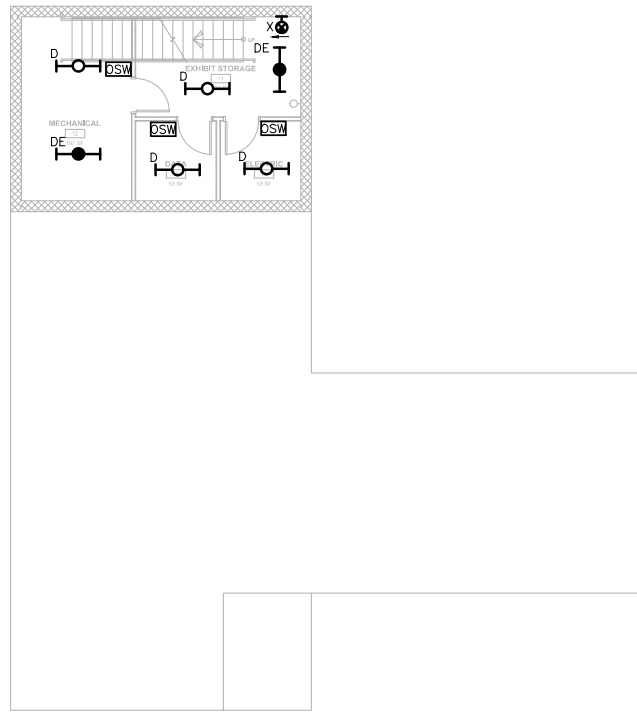
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ELECTRICAL**

sheet no.

**E-VCB**

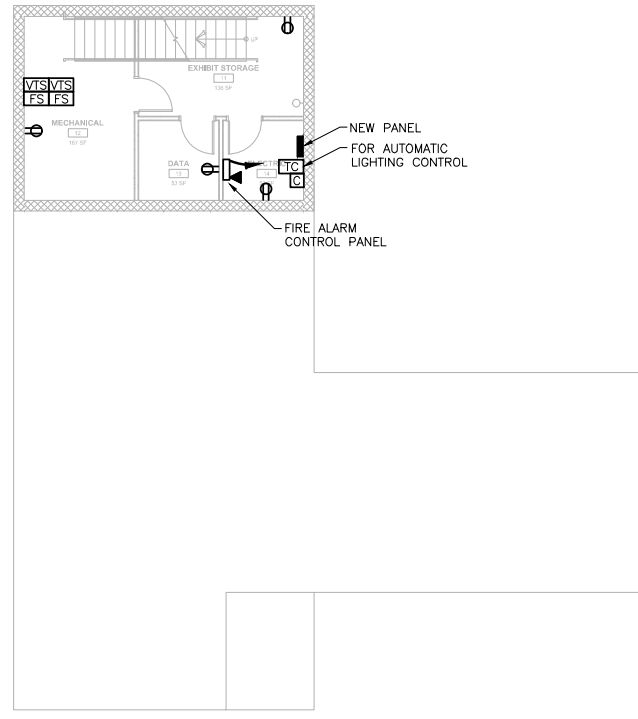
SHT. # 30 of 33  
MAY 28, 2013

CEI JOB NUMBER: 111067.00



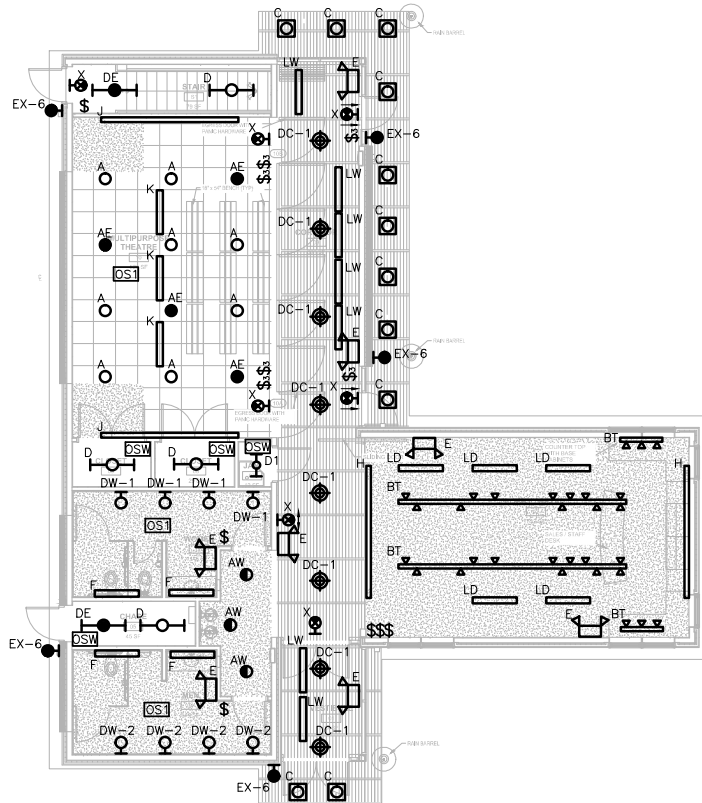
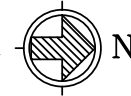
VISITOR CENTER BASEMENT FLOOR PLAN - LIGHTING

SCALE: 1/8" = 1'-0"



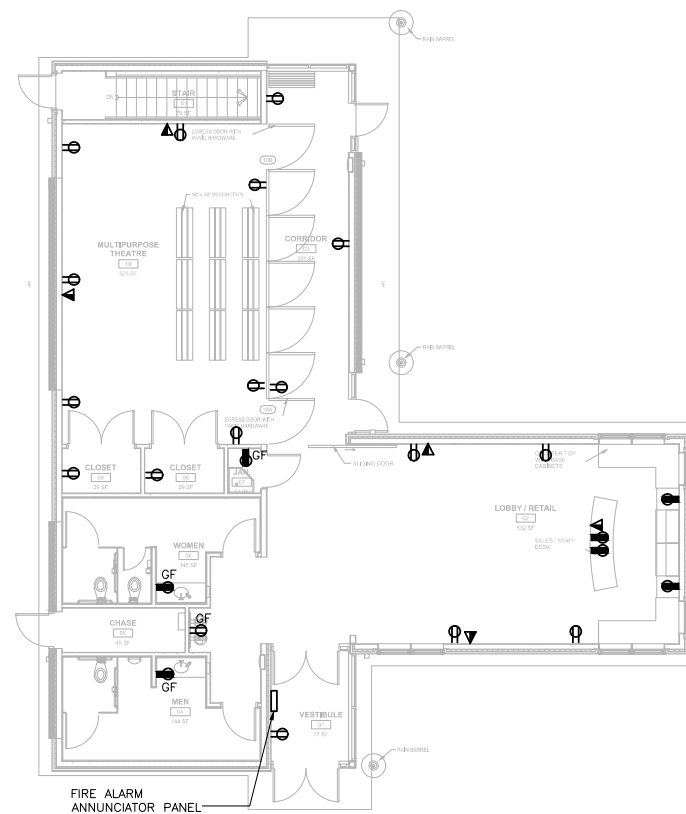
VISITOR CENTER BASEMENT FLOOR PLAN - POWER

SCALE: 1/8" = 1'-0"



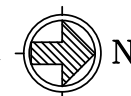
VISITOR CENTER FIRST FLOOR PLAN - LIGHTING

SCALE: 1/8" = 1'-0"



VISITOR CENTER FIRST FLOOR PLAN - POWER

SCALE: 1/8" = 1'-0"



project name / owner  
**JOSIAH HENSON  
 SPECIAL PARK PROJECT**  
 11420 OLD GEORGETOWN RD  
 ROCKVILLE, MARYLAND 20852

Rockville, Montgomery County, MD  
 seal / stamp

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revisions		
no.	date	description

project north  
 See Plan

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project no.

drawing set  
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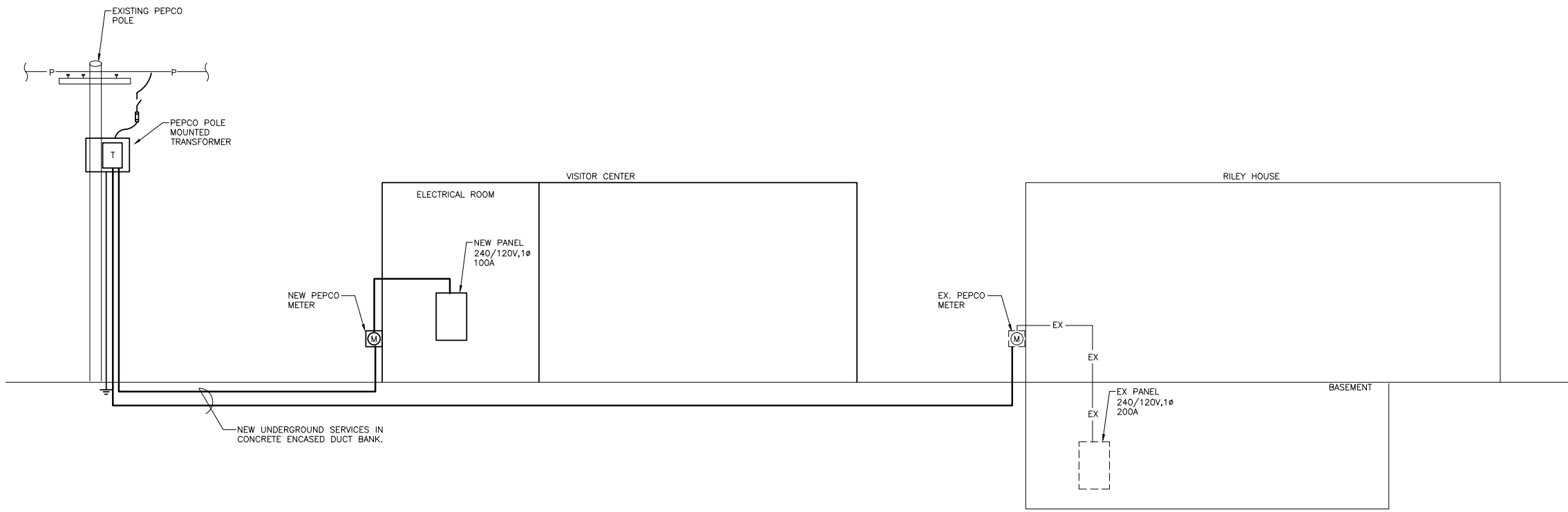
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**VISITOR CENTER  
 BASEMENT, FIRST &  
 SECOND FLOOR  
 PLANS - LIGHTING  
 AND POWER**

sheet no.  
**E-VCB**

SHT. # 31 of 33  
 MAY 28, 2013

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**POWER RISER DIAGRAM**

NTS

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CEI JOB NUMBER: 111067.00

project name / owner  
**JOSIAH HENSON  
SPECIAL PARK PROJECT**  
11420 OLD GEORGETOWN RD  
ROCKVILLE, MARYLAND 20852  
Rockville, Montgomery County, MD  
seal / stamp

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architects engineers

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Exhibit Designer:  
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revisions

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date 4.15.2013 project mgr.

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drawing set  
15% PROGRESS SET

drawing title  
**POWER RISER  
DIAGRAMS**

sheet no.  
**E-VCB**  
SHT. # 32 of 33  
MAY 28, 2013



**BRUCE DUNLOP LIGHTING DESIGN, LLC**

Project: JOSIAH HENSON SPECIAL PARK  
 EXTERIOR LIGHTING  
 Location: BETHESDA, MARYLAND  
 Architect: LSC DESIGN  
 Engineer: CENTURY ENGINEERING  
 Date: April 8, 2013

Type	Manufacturer	Catalog Number	Voltage	Lamp	Mounting	Notes
EX1	SELUX	SA2-SP-1-H100-8Z-VOLTAGE	TBD	GMH100/C	POLE	VISITOR CENTER POST LIGHT
				UIMED/3K		
EX1	SELUX	A35-12-BZ-DC1	NA	NA	CONCRETE	
					BASE	
EX2	FC LIGHTING	FCSL-520-VOLTAGE-LED-3K-COLOR-OP	TBD	3000K LEDS	RECESSED	RECESSED STEPLIGHT
				INCLUDED	IN-WALL	REFER TO ELEVATIONS DWGS FOR MOUNTING HEIGHTS
EX3	RESTORATION	08050089-WZ	120	1910 SQUIRREL	WALL	HOUSE WALL-MOUNT
	HARDWARE			CAGE BULB		REFER TO ELEVATIONS DWGS FOR MOUNTING HEIGHTS
EX4	TROY LIGHTING	P3DN-M, WITH MATCHING IF POST	120		CONCRETE	HOUSE POST LIGHT
					BASE	
EX5	TARGETTI	MLIN-4-25W/18W/LEDWW-24VDC-GREY	24VDC			KIOSK ACCENT
		LINEAR FLOOD-1" BRACKET				**PROVIDE REMOTE-MTD DRIVER REFER TO SECTION DWGS FOR FIXTURE LOCATION
EX6	RESTORATION	072-16-WP-CFL110Z7-VOLTAGE-DP	TBD	PHILIPS A-19 LED	WALL	VISITOR CENTER WALL-MOUNTED
	HARDWARE			414839		REFER TO ELEVATIONS DWGS FOR MOUNTING HEIGHTS FMPRGFNCY FIXTURE
EX7	BORDEN LITG	7194-EDY1-10.5-VOLTAGE-NRZ	TBD	3000K LEDS	WALL	VISITOR CENTER SHED WALL-MTD
EX7	BORDEN LITG	7194-EDY1-10.5-120-SGW	120	3000K LEDS	WALL	HOUSE PORCH WALL-MOUNTED

**BRUCE DUNLOP LIGHTING DESIGN, LLC**

Project: JOSIAH HENSON SPECIAL PARK  
 VISITOR CENTER - INTERIOR LIGHTING  
 Location: BETHESDA, MARYLAND  
 Architect: LSC DESIGN  
 Engineer: CENTURY ENGINEERING  
 Date: April 8, 2013

Type	Manufacturer	Catalog Number	Voltage	Lamp	Mounting	Notes
A	USAI	3231A30-AC1-10-LRTA4-8424-C2-30KH-30-NC-VOLTAGE-DIML2	TBD	3000K HIGH-CRI	RECESSED	MP ROOM DIMMABLE DOWNLIGHTS
				24W LEDS	ATC	
AE	USAI	3231A30-AC1-10-LRTA4-8424-C2-30KH-30-FML-NC-VOLTAGE-DIML2	TBD	3000K HIGH-CRI	RECESSED	MP ROOM DIMMABLE DOWNLIGHTS
				24W LEDS	ATC	BATTERY BACKUP
AW	USAI	3231A30-AC1-10-LRTA4-8424-C2-30KH-30-NC-VOLTAGE	TBD	3000K HIGH-CRI	RECESSED	RESTROOM ALCOVE WALL-WASH
				24W LEDS	DRYWALL	
B	JUNO	T209L-ED-35K-NFL-WH	120	3000K HIGH-CRI	TRACK	RETAIL TRACK FIXTURE
				35W LEDS		
BT	JUNO	SINGLE-ORQUIT TRACK SYSTEM IN WHITE FINISH	120	NA	SURFACE	RETAIL TRACK SYSTEM
					CEILING	PROVIDE LENGTHS, FEEDS AND CONNECTORS AS REQD. FOR A COMPLETE SYSTEM
C	USAI	3110W-AB1-25-LSD4-9010-C2-30H-30-SP-VOLTAGE	TBD	3000K HIGH-CRI	RECESSED	EXTERIOR SQUARE ACCENT
				LEDS	WOOD CLG	LIGHTS
D	COLUMBIA	CS4-232-EPLU-GSWG4	120	2-32W	SURFACE	BACK OF HOUSE
		48" FLUORESCENT STRIP				
DE	COLUMBIA	CS4-232-EPLU-GSWG4-EL	120	2-32W	SURFACE	BACK OF HOUSE
		48" FL STRIP W/ BATTERY BACKUP				
DI	COLUMBIA	CS2-212-EPLU-GSWG2	120	2-17W	SURFACE	BACK OF HOUSE
		24" FLUORESCENT STRIP				
DC-1	TROY LIGHTING	C174P-AR7	120	2-PHILIPS A-19 LEDS - 414839	SURFACE	CORRIDOR DECORATIVE CEILING LIGHT
DP-1	REJUVENATION	HOOD-18" OPAL SHADE-BURN ANTIQUE-WIRE-INC	120	1-PHILIPS A-19 LEDS - 414839	CORD	RETAIL PENDANT
					SUSPENDED	REFER TO SECTION DWG FOR SUSPENSION HEIGHT
DW1	RESTORATION	VINTAGE ENGLISH OVAL GLASS SCONCE IN BRONZE FINISH	120	PHILIPS A-19 LED - 414839	SURFACE	WOMEN'S ROOM WALL SCONCE
	HARDWARE				WALL	REFER TO ELEVATION DWG FOR MOUNTING HEIGHT
DW2	RESTORATION	TACOMOA #R047RR	120	2-PHILIPS A-19 LEDS - 414839	SURFACE	MEN'S ROOM WALL SCONCE
	HARDWARE				WALL	REFER TO ELEVATION DWG FOR MOUNTING HEIGHT
E	DUAL LITE	E2-2-DJ	120	INCLUDED		EMERGENCY BATTERY PACK
		FMPRGFNCY BATTERY PACK				
F	KENALL	MLH48-48-EJ-G-PP-2-28-RS-1-VOLTAGE	TBD	2-F28T5/835	SURFACE	RESTROOM WALL FIXTURE
						REFER TO ELEVATION DWG FOR MOUNTING HEIGHT
G	JUNO	11P34-SL-120	120	F21T5/835	UNDER	RETAIL UNDER-CABINET TASK
					CABINET	REFER TO SECTION DWG FOR FIXTURE LOCATION
H	PINNACLE	P-1T5HO-12-FL-VOLTAGE-1C-W-V	TBD	3-F28T5/835	SURFACE	RETAIL WALL-MTD UPLIGHT
				PER 12 LENGTH	WALL	REFER TO SECTION DWG FOR FIXTURE LOCATION
J	PINNACLE	11A-1T5HO-12-WA-VOLTAGE-1C-W	TBD	3-F28T5/835	WALL	MP ROOM DIMMABLE WALL-MTD
		PROVIDE 2-WIRE DIMMING BALLAST		PER 12 LENGTH		LINEAR DIRECT TRIMMABLE FIXTURE REFER TO ELEVATION DWG FOR MOUNTING HEIGHT
K	PINNACLE	EW-1T5HO-4-G-VOLTAGE-1C-W-B	TBD	1-F54T5HO/835	SEM-REFLECT	MP ROOM DIMMABLE LINEAR WW
		PROVIDE 2-WIRE DIMMING BALLAST				
LG	PINNACLE	EW-1T5HO-4-FL-VOLTAGE-1C-W-B	TBD	1-F54T5HO/835	SEM-REFLECT	RETAIL LINEAR WALL-WASH IN DRYWALL CEILING
IW	PINNACLE	FW-1T5HO-4-NE-VOLTAGE-1C-W-R	TBD	1-F54T5HO/835	SF-M-REFLECT	CORRIDOR LINEAR WALL-WASH
						**COORDINATE FLANGELESS TRIM IN WOOD CEILING

project name / owner

**JOSIAH HENSON  
SPECIAL PARK PROJECT**  
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revisions

no.	date	description

project north

See Plan

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date 4.15.2013 project mgr.

project no.

drawing set  
 15% PROGRESS SET

drawing title  
**ELECTRICAL SCHEDULES**

sheet no.  
**E-VCB**  
 SHT. # 33 of 33  
 MAY 28, 2013

\*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. 29743  
 Expiration Date: 1-15-2015

**PRELIMINARY NOT FOR CONSTRUCTION**

CEI JOB NUMBER: 111067.00