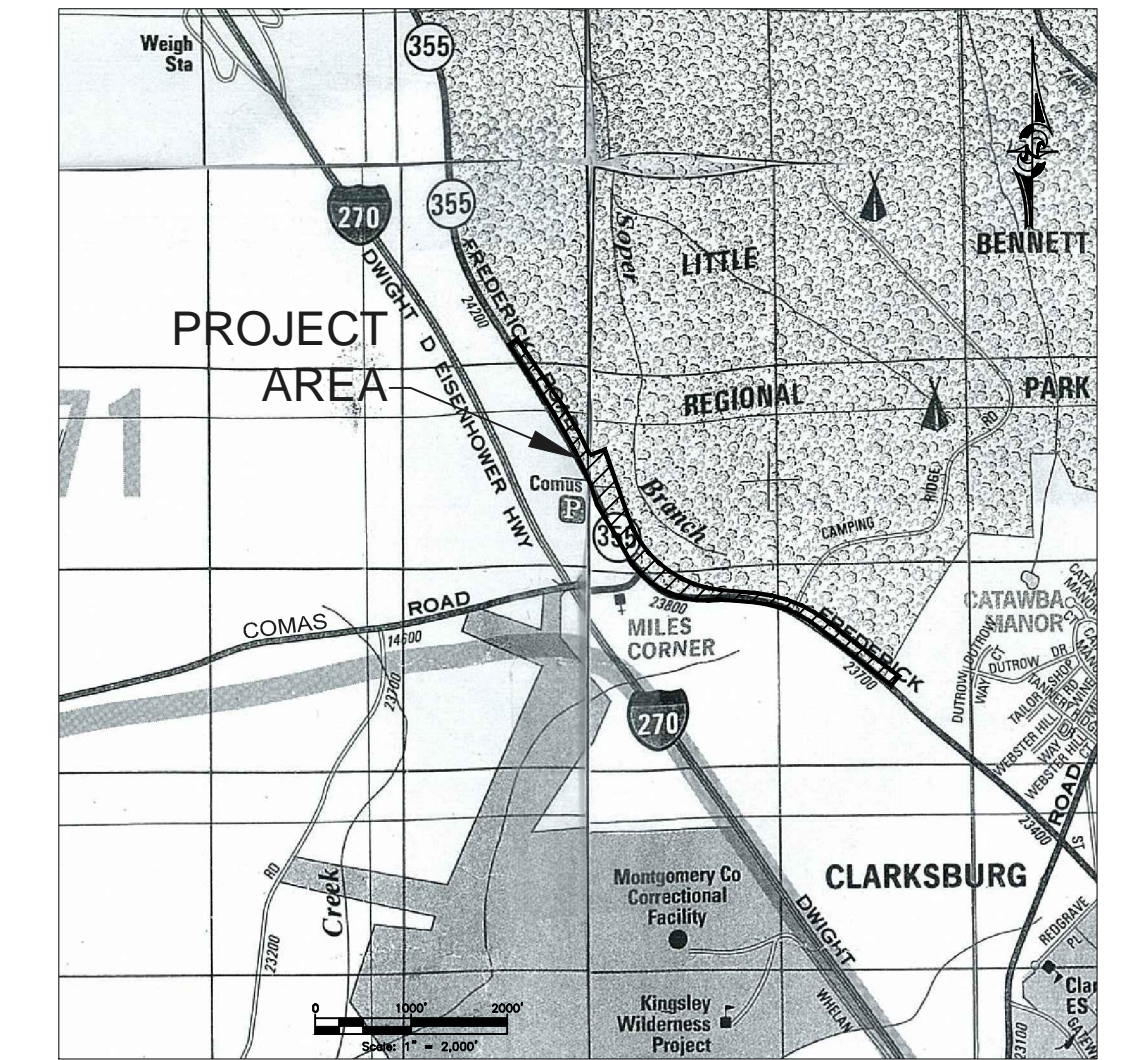
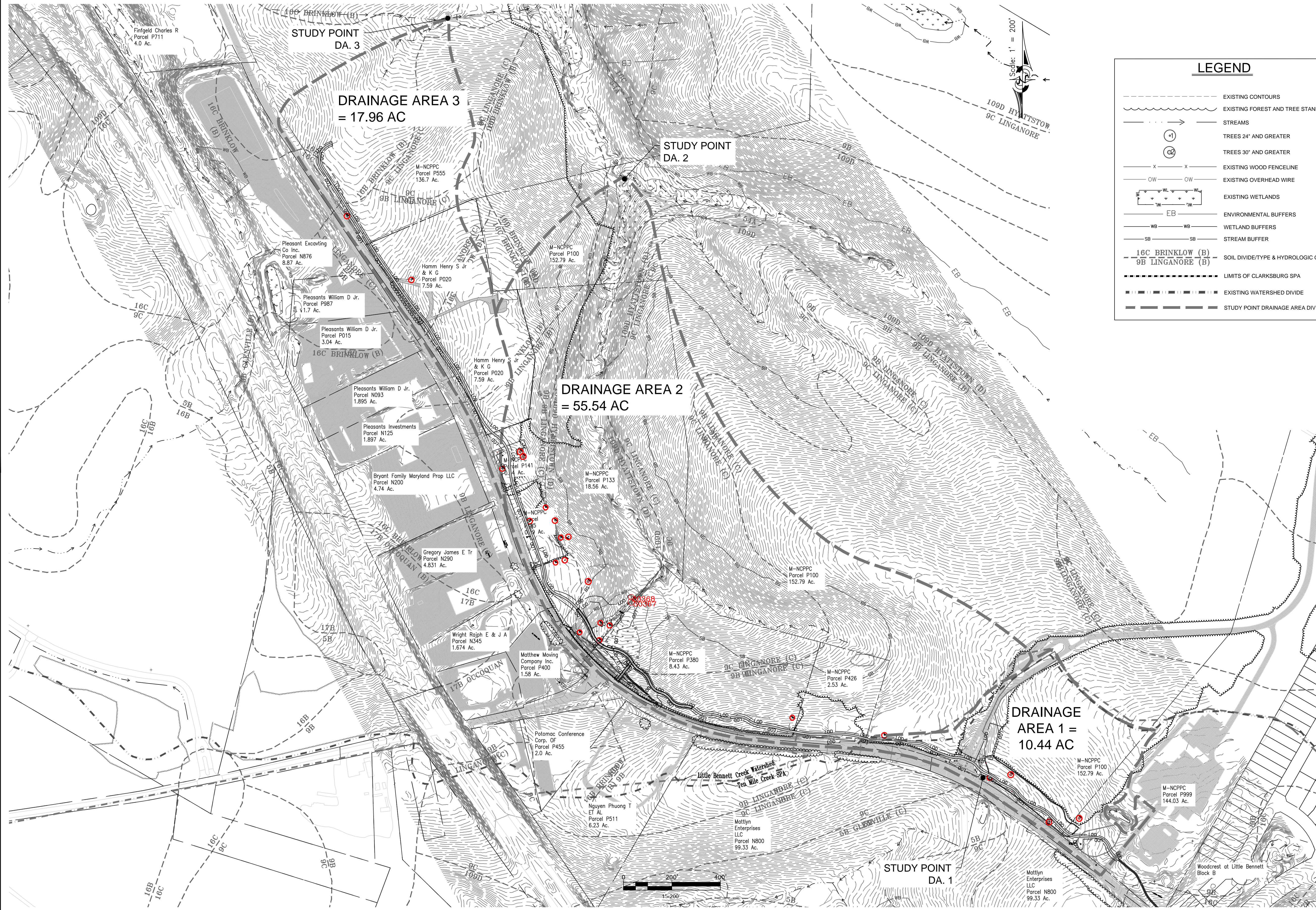


The Maryland National Capital Park and Planning Commission
LITTLE BENNETT TRAIL CONNECTOR 30% FACILITY PLANS
 MONTGOMERY COUNTY, MARYLAND



Map copyright © Kappa Map Group LLC, (800) 829-6277. Used with permission



GENERAL NOTES

- Topography shown is per GIS data received from the Montgomery County Department of Parks and per field survey performed by CPJ between January 21 - March 1, 2013.
- Existing utilities are based on field survey performed by CPJ between January 21 - March 1, 2013.
- Planimetric data shown outside the project study area is per GIS data received from the Montgomery County Department of Parks.
- There are no 100-year floodplain mapped within the study area per FEMA # 24031C0160D and 24031C0045D.
- Non-tidal wetlands within the study area were field delineated by Hoang Ta and Gabrielle Myers of Charles P. Johnson & Associates, Inc. on January 21, 2013. Non-tidal wetland boundaries delineated within the project study area were field surveyed between January 21 - March 1, 2013.
- Horizontal and Vertical Datum using MD State Grid NAD 83 and NAVD 88.
- Soils shown are per the USDA-NRCS Soil Survey of Montgomery County, MD. Map version 3, 2005 and Survey area data version 7 February, 2007.
- The surrounding land uses around the site are medium density residential areas and Montgomery County protected recreation areas (Little Bennett Regional Park).
- Waters of the US limits are from top of bank to top of bank.
- The limit of study is located within the Little Bennett Watershed. Streams present are designated as Use III-P, Natural Trout Waters. In-stream work may not be conducted during the period October 1 - April 30, inclusive, during any year.
- These plans were prepared with the field information at the time of project survey. It is possible that field conditions as of the date of construction vary from these plans and it is the contractor's responsibility to verify field conditions such as elevations, depths, etc. prior to proceeding with work. It is the contractor's responsibility to verify with the supplier/manufacturer of any proprietary product that their product will function per the design for the field conditions at time of construction. The County Project Manager and Designer should be notified immediately if any deviations from the design plan are found.

MISS UTILITY

Call "Miss Utility" at 1-800-257-7777 48 hours prior to the start of work. The excavator must notify all public utility companies with underground facilities in the area of proposed excavation and have those facilities located by the utility companies prior to commencing excavation. The excavator is responsible for compliance with requirements of Chapter 36A of the Montgomery County Code.

STANDARD STABILIZATION NOTE

Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within seven (7) calendar days as to the surface of all perimeter controls, dikes, swales, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1); and fourteen (14) days as to all other disturbed or graded areas on the project site.

CPJ Associates
 Charles P. Johnson & Associates, Inc.
 Environmental Service Division
 910 Clopper Road, Suite 215N, Gaithersburg, MD 20878
 P. 301-208-9573 F. 301-926-4551 www.cpj.com

DESIGN			
JF	date	JF	Checked by
Landscape Architect		NA	Checked by
Architect		HT/GSM	Checked by
Engineer		JF	Checked by
Drawn by			Checked by

REVIEW AND APPROVAL			
	date		
park development division			
central maintenance			
region			
natural resources			

REVIEW AND APPROVAL			
	date		
superintendent of parks			
park police			

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

**Little Bennett Regional Park Trail Connector
 30% Facility Plans
 Stormwater Management Drainage Areas**

Scale: As Shown
 Date: 6/8/2015

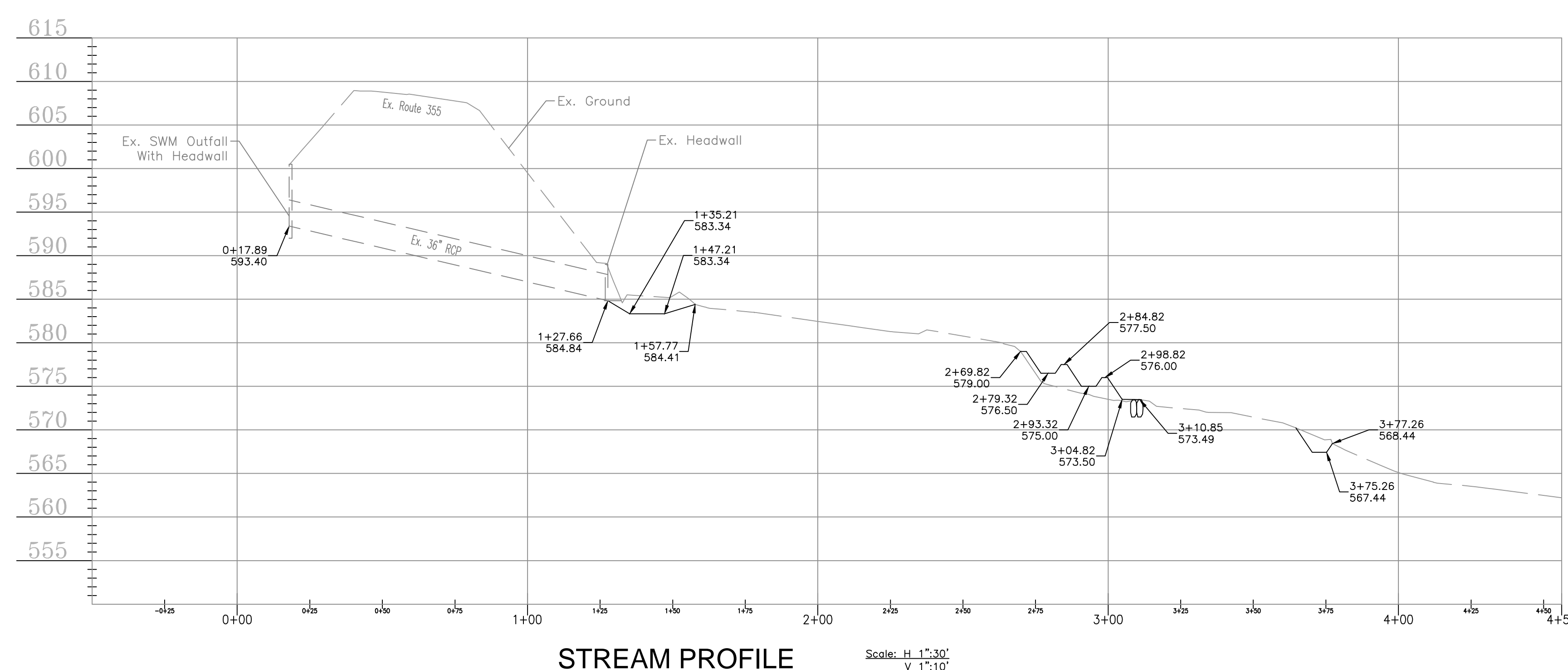
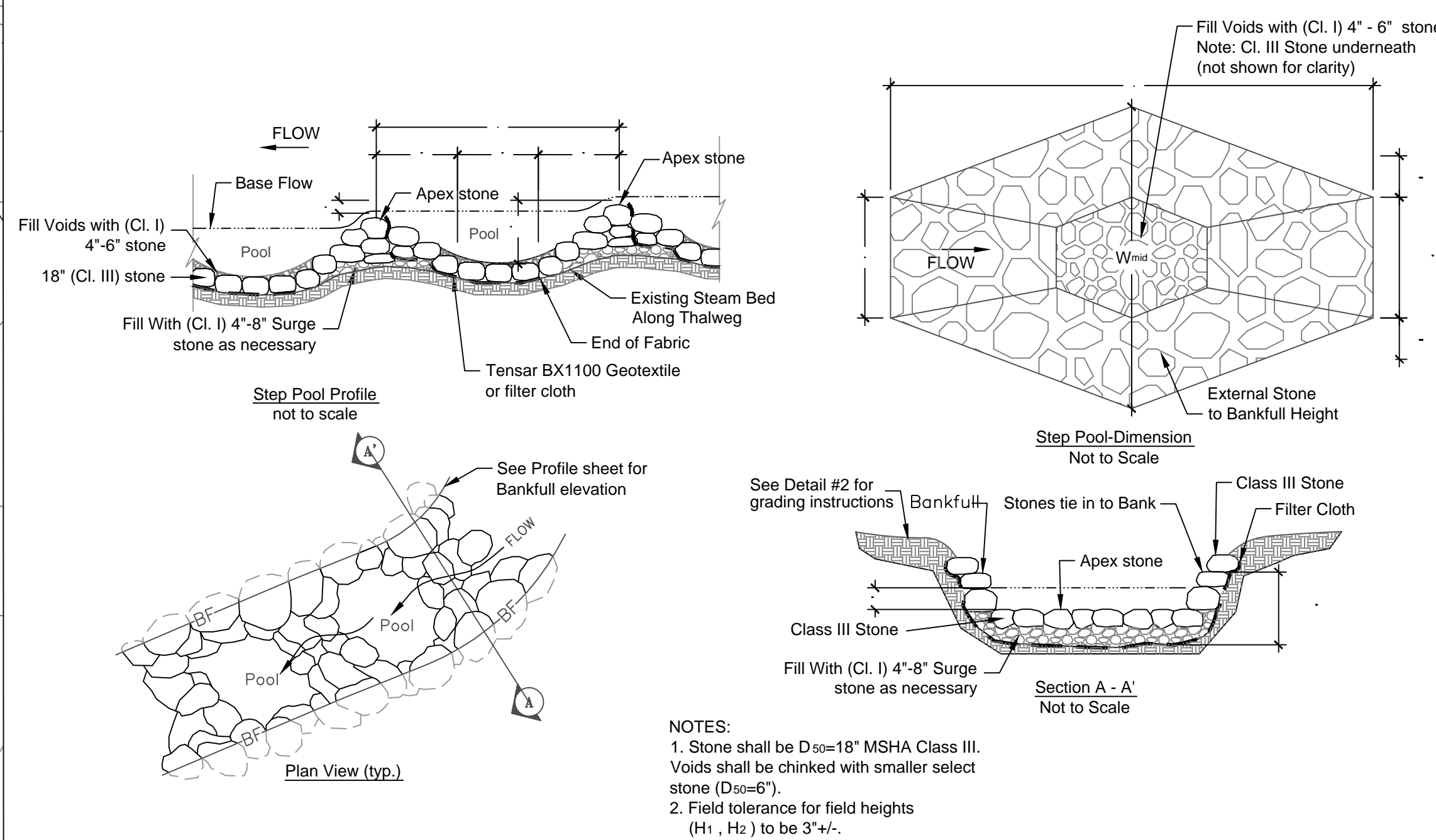
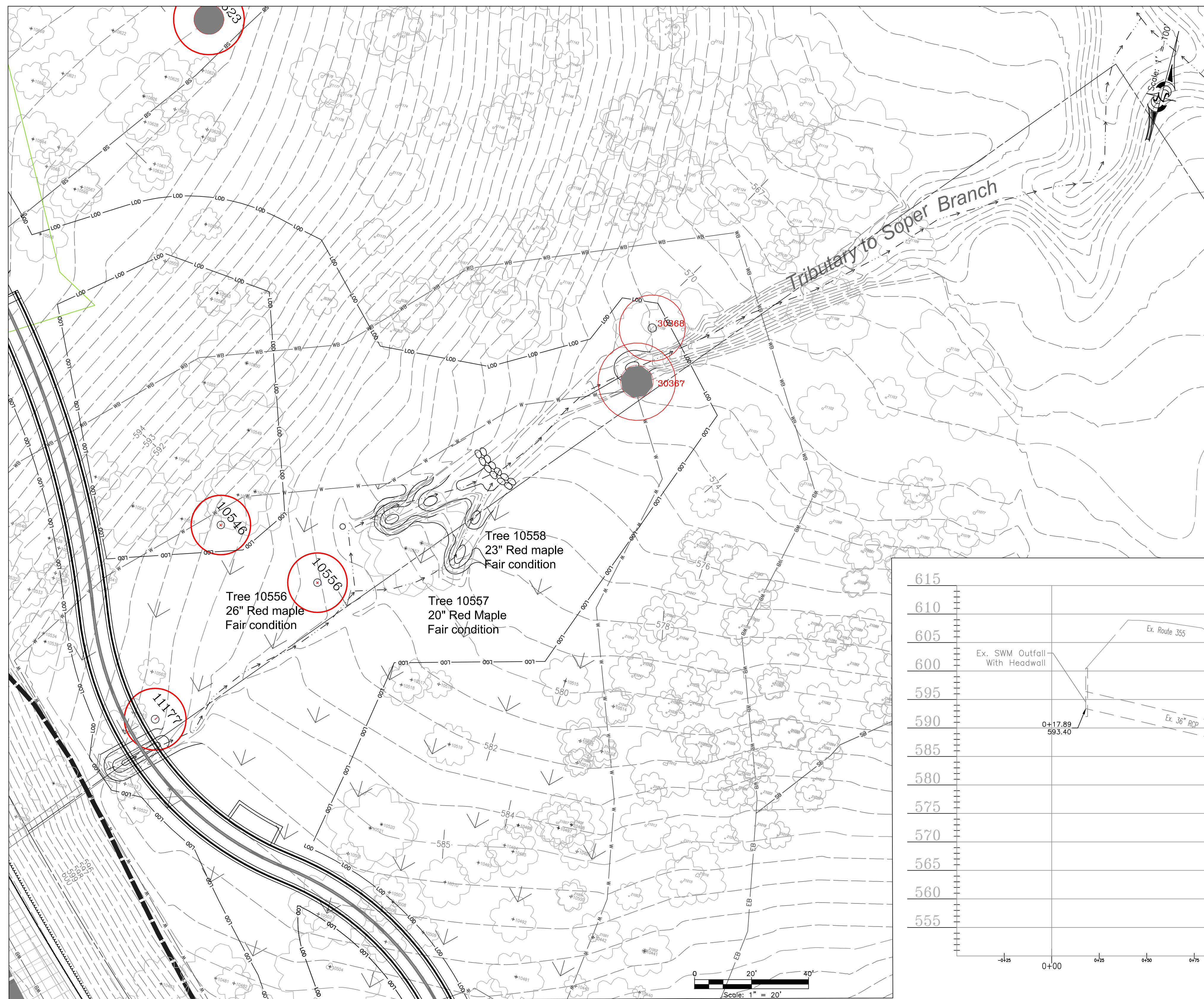
Parcel: P999 P100 P426 Tax Map: ew22
 P380 P133 P195 P141 ew23
 P020 P555

SHT. # 1 of 6
 SWM 1
 DWG. # of

F:\Little Bennett Trail Connector\42820_CAD\Design_30_SWM_3.dwg 1_SWM_CONCEPT COVER 7/1/2015 4:27 PM

The Maryland National Capital Park and Planning Commission
LITTLE BENNETT TRAIL CONNECTOR
30% FACILITY PLANS
 MONTGOMERY COUNTY, MARYLAND

LEGEND	
	EXISTING CONTOURS
	EXISTING FOREST AND TREE STAND
	STREAMS
	TREES 24" AND GREATER
	TREES 30" AND GREATER
	MONITORING PIN (INSTALLED MAY 2014)
	EXISTING WOOD FENCELINE
	EXISTING OVERHEAD WIRE
	EXISTING IMPERVIOUS
	EXISTING WETLANDS
	ENVIRONMENTAL BUFFERS
	WETLAND BUFFERS
	STREAM BUFFER
	SOIL DIVIDE/TYPE & HYDROLOGIC GROUP
	LIMITS OF CLARKSBURG SPA
	EXISTING WATERSHED DIVIDE
	EXISTING DRAINAGE AREA DIVIDE
	PROPOSED TRAIL LIMIT OF DISTURBANCE (LOD)
	PROPOSED GRADE
	PROPOSED CONSERVATION AREA



F:\Little Bennett Trail Connector\42520_CAD\Design_30_SWM_3.dwg 3 TRIB STABILIZN Plotted By: Gabrielle Myers, 7/1/2015 4:22 PM



Charles P. Johnson & Associates, Inc.
 Environmental Service Division
 910 Clepper Road, Suite 215N, Gaithersburg, MD 20878
 P: 301-208-9573 F: 301-926-4551 www.cpj.com

DESIGN			
JF	date	JF	Checked by
Landscape Architect		NA	Checked by
Architect		HT/GSM	Checked by
Engineer		JF	Checked by
Drawn by			Checked by

REVIEW AND APPROVAL			
park development division	date	superintendent of parks	date
central maintenance	date	park police	date
region	date		date
natural resources	date		date

REVIEW AND APPROVAL			
	date		date
	date		date
	date		date



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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

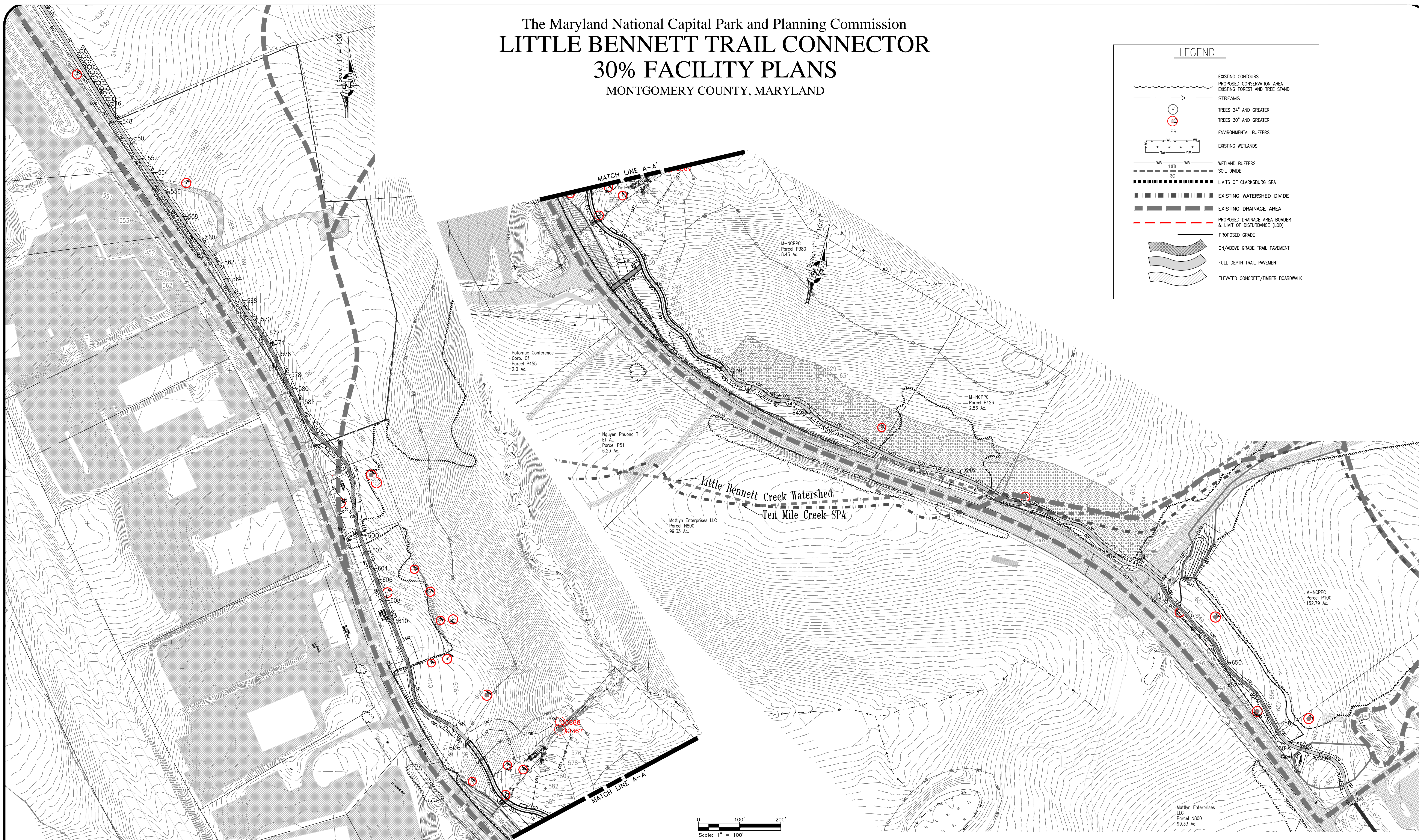
Little Bennett Regional Park Trail Connector
 30% Facility Plans
 Tributary Stabilization
 Scale: As Shown
 Date: 6/8/2015
 Parcel: P999 P100 P426 P380 P133 P195 P141 P020 P555
 Tax Map: ew22 ew23

SHT. # 3 of 6
 SWM 3
 DWG. # of

The Maryland National Capital Park and Planning Commission
LITTLE BENNETT TRAIL CONNECTOR
30% FACILITY PLANS
 MONTGOMERY COUNTY, MARYLAND

LEGEND

- EXISTING CONTOURS
- PROPOSED CONSERVATION AREA
- EXISTING FOREST AND TREE STAND
- STREAMS
- TREES 24" AND GREATER
- TREES 30" AND GREATER
- ENVIRONMENTAL BUFFERS
- EXISTING WETLANDS
- WETLAND BUFFERS
- SOIL DIVIDE
- LIMITS OF CLARKSBURG SPA
- EXISTING WATERSHED DIVIDE
- EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA BORDER & LIMIT OF DISTURBANCE (LOD)
- PROPOSED GRADE
- ON/ABOVE GRADE TRAIL PAVEMENT
- FULL DEPTH TRAIL PAVEMENT
- ELEVATED CONCRETE/TIMBER BOARDWALK



F:\Little Bennett Trail Connector\42220_CAD\Design_30_SWM_3.dwg 4 LB TRAIL PLAN 100 scale Plotted By: Gabriela Myers, 7/1/2015 4:21 PM

CPJ
 Associates
 Charles P. Johnson & Associates, Inc.
 Environmental Service Division
 910 Clepper Road, Suite 215N, Gaithersburg, MD 20878
 P. 301-208-9873 F. 301-926-4551 www.cpj.com

DESIGN			
JF		JF	
Landscape Architect	date	Checked by	
NA		Architect	
Engineer	date	Checked by	
HT/GSM		JF	
Drawn by	date	Checked by	

REVIEW AND APPROVAL			
	date		
park development division	date	superintendent of parks	date
central maintenance	date	park police	date
region	date		date
natural resources	date		date

REVIEW AND APPROVAL			
	date		
	date		date
	date		date
	date		date

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

ISSUED FOR PROCUREMENT ON		
REVISIONS		
Rev. No.	Date	Description

Little Bennett Regional Park Trail Connector
30% Facility Plans
Proposed Trail Alignment

Scale: As Shown
 Date: 6/8/2015

Parcel: P999 P100 P426 Tax Map: ew22
 P380 P133 P195 P141 ew23
 P020 P555

SHT. # 4 of 6
 SWM 4
 DWG. # of