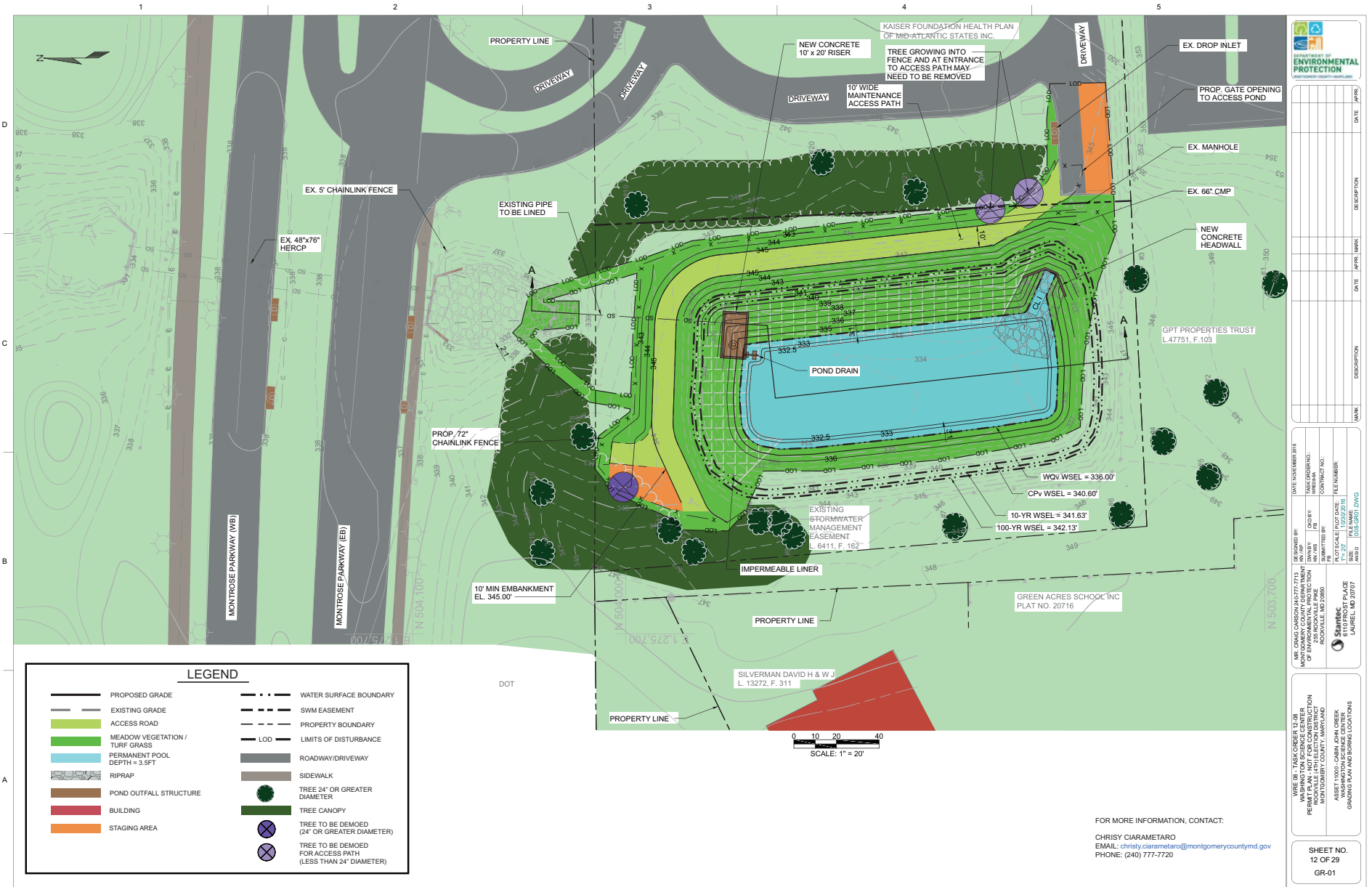
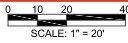


# Washington Science Center Stormwater Pond Project

## Cabin John Creek Watershed, a tributary to the Potomac River



LEGEND	
	PROPOSED GRADE
	EXISTING GRADE
	ACCESS ROAD
	MEADOW VEGETATION / TURF GRASS
	PERMANENT POOL DEPTH = 3.5 FT
	RIPRAP
	POND OUTFALL STRUCTURE
	BUILDING
	STAGING AREA
	WATER SURFACE BOUNDARY
	SWM EASEMENT
	PROPERTY BOUNDARY
	LOD - LIMITS OF DISTURBANCE
	ROADWAY/DRIVEWAY
	SIDEWALK
	TREE 24" OR GREATER DIAMETER
	TREE CANOPY
	TREE TO BE DEMOED (24" OR GREATER DIAMETER)
	TREE TO BE DEMOED FOR ACCESS PATH (LESS THAN 24" DIAMETER)



FOR MORE INFORMATION, CONTACT:  
 CHRISY CIARAMETARO  
 EMAIL: chrisy.ciarametaro@montgomerycountymd.gov  
 PHONE: (240) 777-7720



MARK	DESCRIPTION	DATE	APPR. MARK	DATE	APPR.

DATE PLOTTED: 01/11/2017  
 DESIGNED BY: MR. CHRISY CIARAMETARO  
 DRAWN BY: MS. JESSICA BROWN  
 CHECKED BY: MR. JAMES H. HARRIS  
 PROJECT NO.: 17-001-015  
 SHEET NO.: 12 OF 29  
 DATE: 01/11/2017  
 PROJECT NAME: WASHINGTON SCIENCE CENTER  
 GRADING PLAN AND BORING LOCATIONS

WIRE 08 - TASK ORDER 12-208  
 PERMIT PLAN - NOT FOR CONSTRUCTION  
 ASSET: 1000 - CABIN JOHN CREEK  
 WASHINGTON SCIENCE CENTER  
 GRADING PLAN AND BORING LOCATIONS

SHEET NO.  
 12 OF 29  
 GR-01

File Path: U:\2018\100170 WIRE 12-208\Task Order 12-208\Drawings\17-001-015\17-001-015.dwg File 14 2017-1-11-4:38pm

# Washington Science Center Stormwater Pond Project Cabin John Creek Watershed, a tributary to the Potomac River

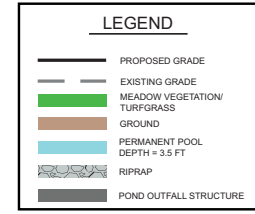
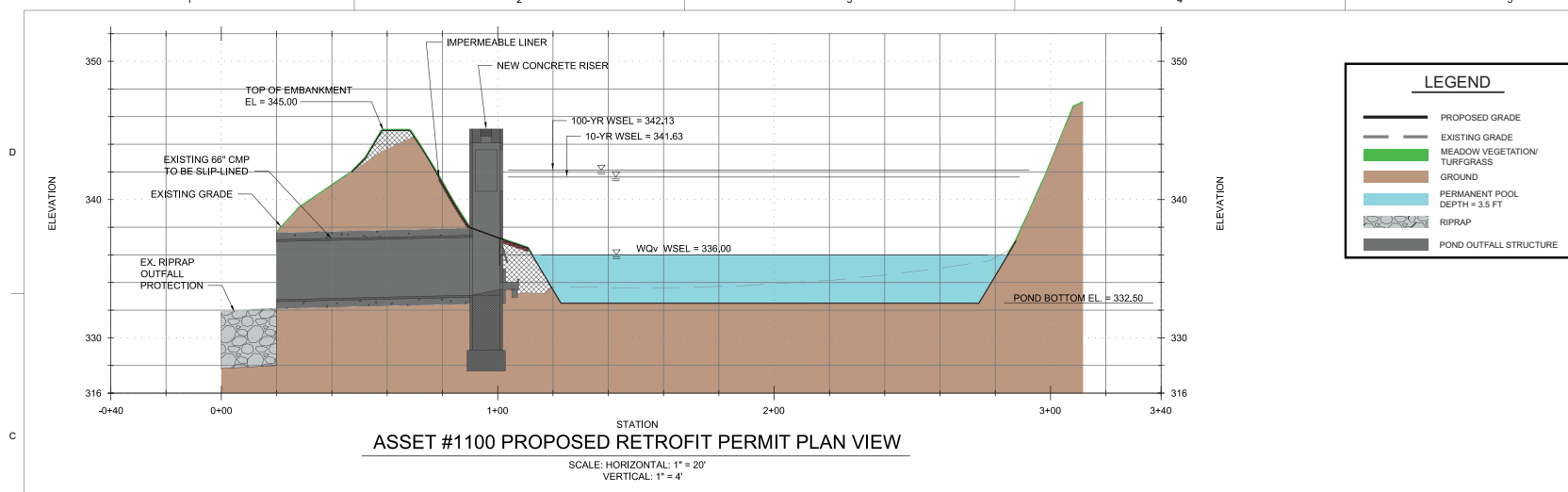


FIGURE 1. EXISTING POND (LOOKING SOUTH) TO BE EXCAVATED AT A 3:1 SLOPE. PROPOSED POND BOTTOM ELEVATION = 332.50'.



FIGURE 2. EXISTING PICNIC AREA AND SURROUNDING TREES AROUND THE COMMUNAL AREA WILL NOT BE CHANGED.



FIGURE 3. EXISTING RISER (POND CONTROL STRUCTURE) TO BE REPLACED WITH A 10' X 20' CAST-IN-PLACE REINFORCED CONCRETE RISER W/ TRASH RACK AND MANHOLE COVER.



FIGURE 4. EXISTING INFLOW PIPE TO BE MODIFIED. DAYLIGHTED SEGMENT TO BE REMOVED AND A NEW CONCRETE HEADWALL TO BE INSTALLED AT END OF PIPE.



FIGURE 5. PROPOSED RETROFIT WILL HAVE MINIMAL IMPACT ON THE STILLING BASIN AND NO IMPACT ON CULVERT SYSTEM BENEATH MONTROSE PARKWAY.



FIGURE 6. EXISTING OUTFALL PIPE TO BE MODIFIED. DAYLIGHTED SEGMENT TO BE REMOVED AND EXISTING PIPE TO BE SLIP-LINED WITH 54\"/>

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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
MARYLAND DEPARTMENT OF THE ENVIRONMENT

DATE	APPROVAL	DESCRIPTION

DESIGNED BY: _____ DRAWN BY: _____ CHECKED BY: _____ DATE: _____	CONTRACT NO.: _____ SHEET NO.: _____ DATE: _____	FILE NUMBER: _____ PROJECT NAME: _____ PROJECT LOCATION: _____
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WIRE OR TASK ORDER ID: _____ NAME: _____ PERMIT PLAN - NOT FOR CONSTRUCTION MONTGOMERY COUNTY, MARYLAND ASSET #1100, CABIN JOHN CREEK WASHINGTON SCIENCE CENTER PROFILES	<p>STATE OF MARYLAND DEPARTMENT OF ENVIRONMENTAL PROTECTION LAUREL, MD 20707</p>
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SHEET NO. 13 OF 29 CS-01	DATE: _____ MARK: _____
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