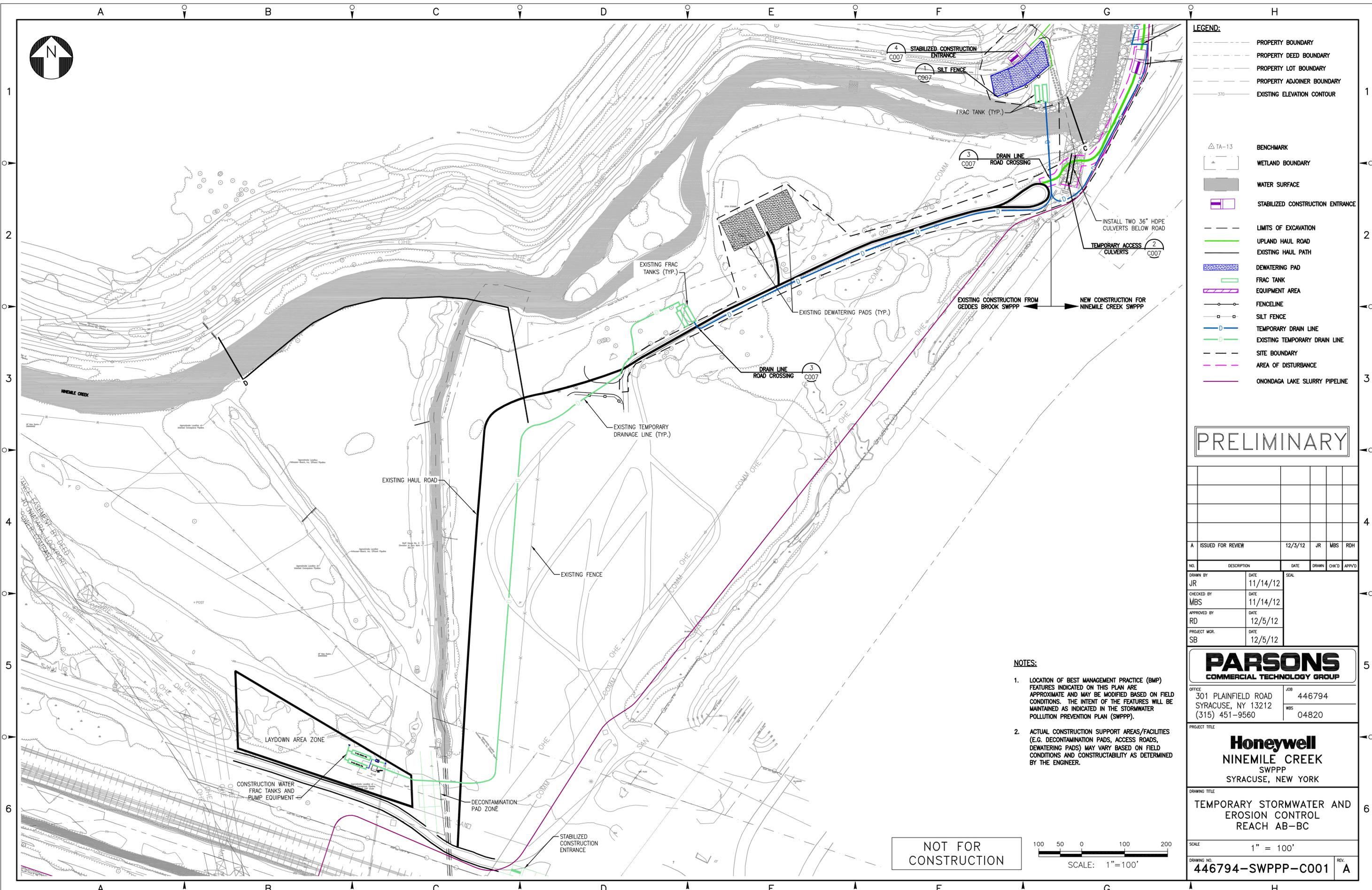


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LEGEND:

	PROPERTY BOUNDARY
	PROPERTY DEED BOUNDARY
	PROPERTY LOT BOUNDARY
	PROPERTY ADJOINER BOUNDARY
	EXISTING ELEVATION CONTOUR
	TA-13 BENCHMARK
	WETLAND BOUNDARY
	WATER SURFACE
	STABILIZED CONSTRUCTION ENTRANCE
	LIMITS OF EXCAVATION
	UPLAND HAUL ROAD
	EXISTING HAUL PATH
	DEWATERING PAD
	FRAC TANK
	EQUIPMENT AREA
	FENCELINE
	SILT FENCE
	TEMPORARY DRAIN LINE
	EXISTING TEMPORARY DRAIN LINE
	SITE BOUNDARY
	AREA OF DISTURBANCE
	ONONDAGA LAKE SLURRY PIPELINE

PRELIMINARY

A	ISSUED FOR REVIEW	12/3/12	JR	MBS	RDH
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NO.	DESCRIPTION	DATE	DATE	SEAL
DRAWN BY	JR	11/14/12		
CHECKED BY	MBS	11/14/12		
APPROVED BY	RD	12/5/12		
PROJECT MGR.	SB	12/5/12		

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560

JOB: 446794
WBS: 04820

Honeywell
NINEMILE CREEK
SWPPP
SYRACUSE, NEW YORK

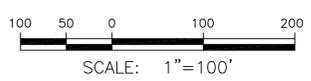
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TEMPORARY STORMWATER AND EROSION CONTROL REACH AB-BC

SCALE: 1" = 100'

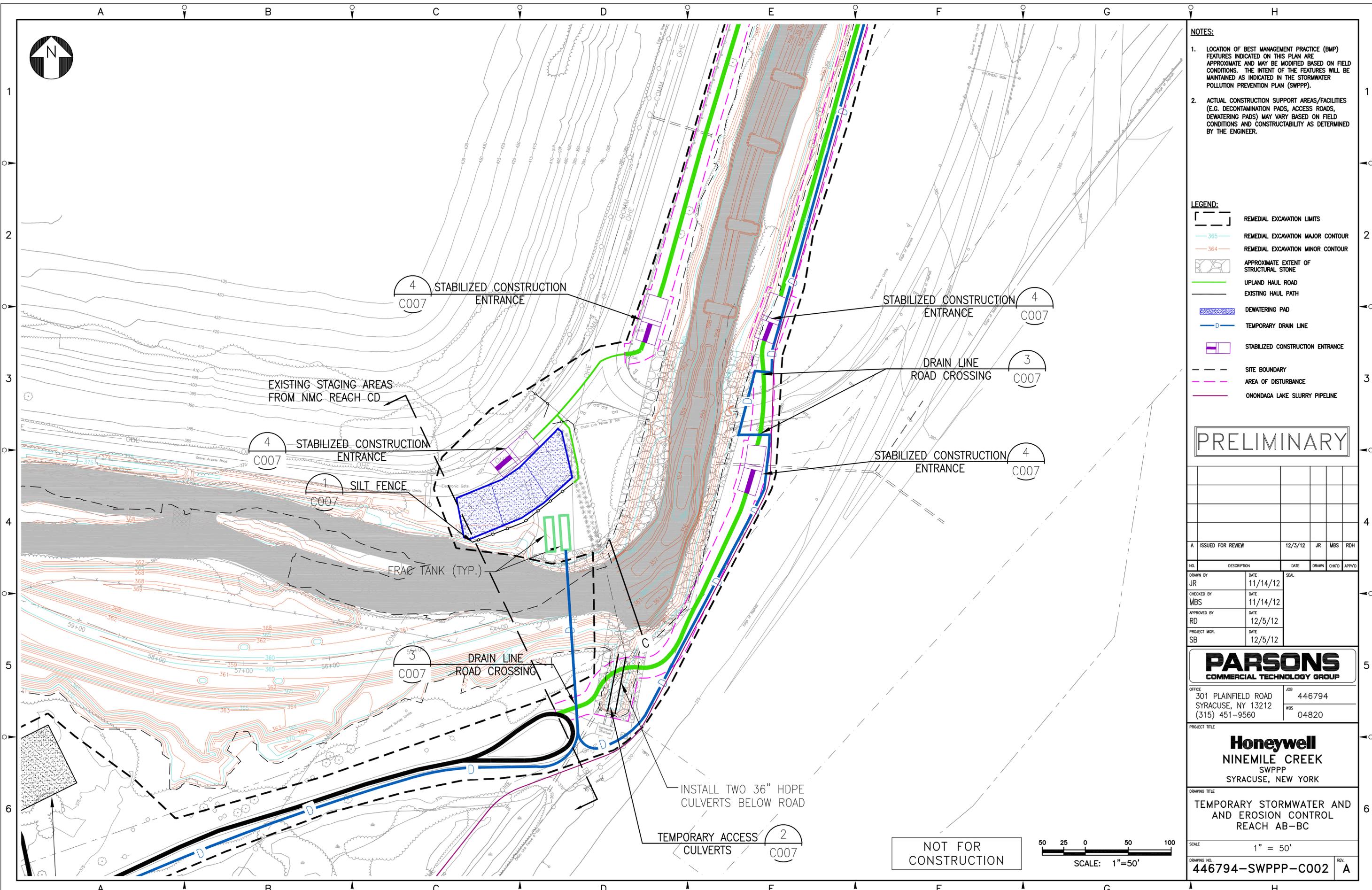
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- NOTES:**
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PRELIMINARY

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NO.	DESCRIPTION	DATE	SEAL	DRAWN	CHK'D	APP'VD
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MBS		11/14/12				
RD		12/5/12				
SB		12/5/12				

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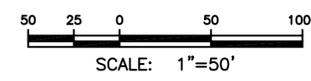
OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560
JOB: 446794
WBS: 04820

Honeywell
NINEMILE CREEK
SWPPP
SYRACUSE, NEW YORK

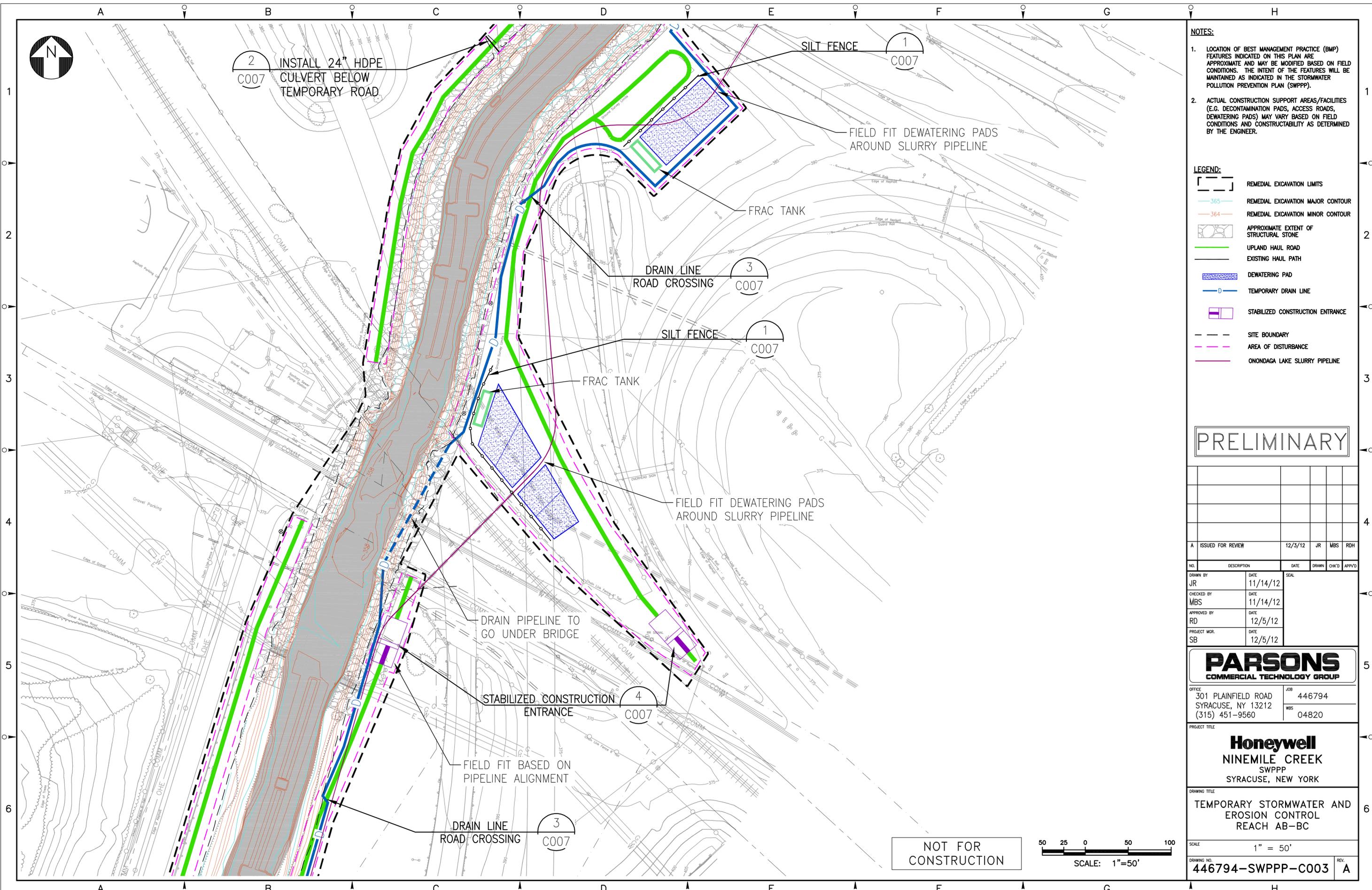
DRAWING TITLE:
TEMPORARY STORMWATER AND EROSION CONTROL REACH AB-BC

SCALE: 1" = 50'
DRAWING NO.: 446794-SWPPP-C002
REV. A

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CHECKED BY	DATE	
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APPROVED BY	DATE	
RD	12/5/12	
PROJECT MGR.	DATE	
SB	12/5/12	

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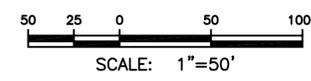
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Honeywell
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SWPPP
SYRACUSE, NEW YORK

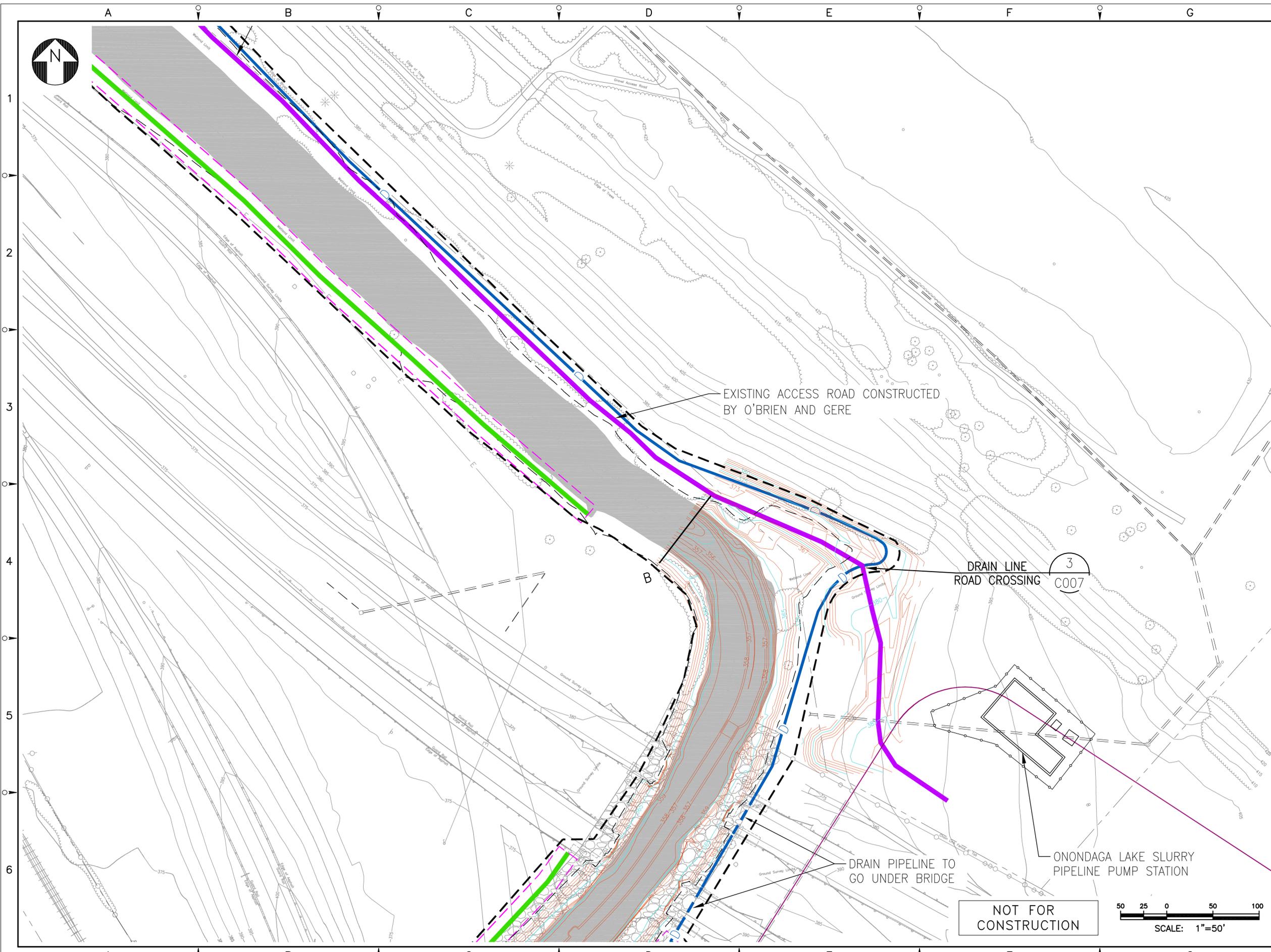
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TEMPORARY STORMWATER AND EROSION CONTROL REACH AB-BC

SCALE: 1" = 50'
 DRAWING NO. **446794-SWPPP-C003** REV. **A**

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PRELIMINARY

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A	ISSUED FOR REVIEW	12/3/12	JR	MBS	RDH

DRAWN BY	DATE	SEAL
JR	11/14/12	
CHECKED BY	DATE	
MBS	11/14/12	
APPROVED BY	DATE	
RD	12/5/12	
PROJECT MGR.	DATE	
SB	12/5/12	

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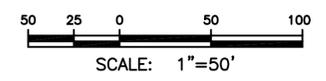
OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560
 JOB: 446794
 WBS: 04820

Honeywell
NINEMILE CREEK
SWPPP
SYRACUSE, NEW YORK

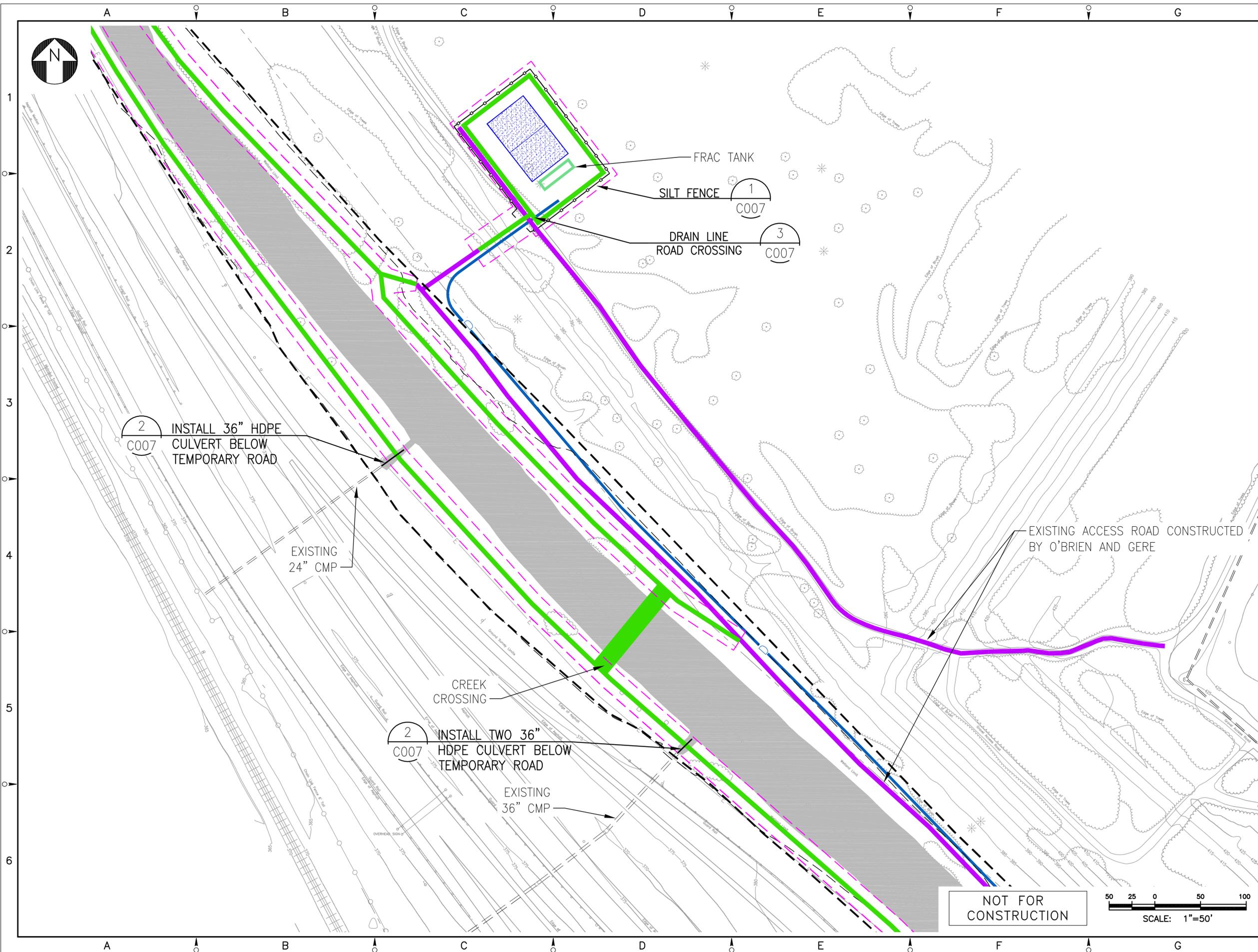
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TEMPORARY STORMWATER AND EROSION CONTROL REACH AB-BC

SCALE: 1" = 50'
 DRAWING NO.: **446794-SWPPP-C004**
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PRELIMINARY

A		ISSUED FOR REVIEW		12/3/12	JR	MBS	RDH
NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD		
DRAWN BY	JR	DATE	11/14/12	SEAL			
CHECKED BY	MBS	DATE	11/14/12				
APPROVED BY	RD	DATE	12/5/12				
PROJECT MGR.	SB	DATE	12/5/12				

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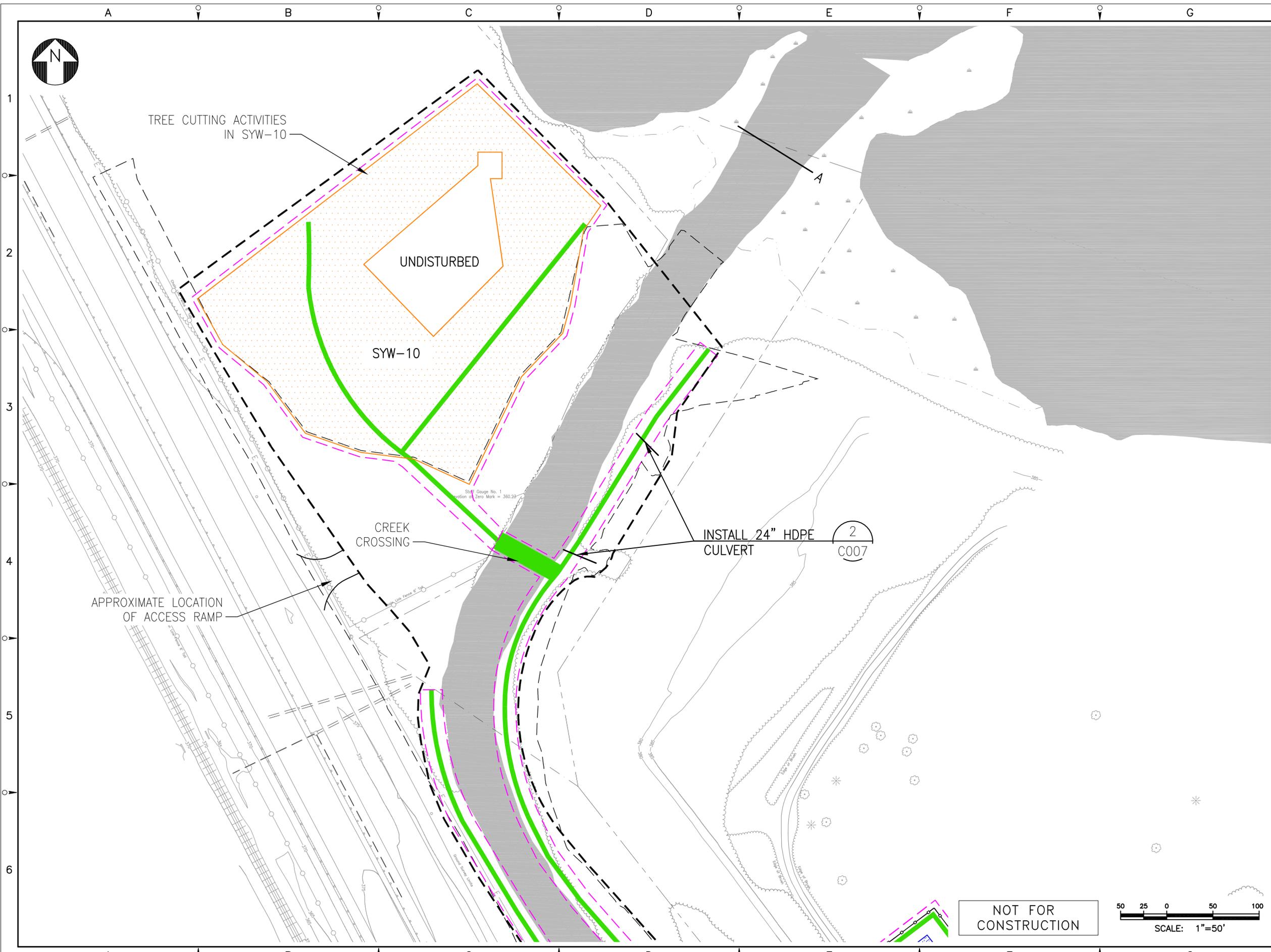
Honeywell
NINEMILE CREEK
SWPPP
SYRACUSE, NEW YORK

DRAWING TITLE:
TEMPORARY STORMWATER AND EROSION CONTROL REACH AB-BC

SCALE: 1" = 50'
 DRAWING NO.: 446794-SWPPP-C005
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- LEGEND:**
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 - 365--- REMEDIAL EXCAVATION MAJOR CONTOUR
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 - [---] APPROXIMATE EXTENT OF STRUCTURAL STONE
 - UPLAND HAUL ROAD
 - EXISTING HAUL PATH
 - [---] DEWATERING PAD
 - TEMPORARY DRAIN LINE
 - [---] STABILIZED CONSTRUCTION ENTRANCE
 - SITE BOUNDARY
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PRELIMINARY

NO.	DESCRIPTION	DATE	DRAWN	CHK'D	APP'VD
A	ISSUED FOR REVIEW	12/3/12	JR	MB	RDH

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JR	11/14/12	
CHECKED BY	DATE	
MBS	11/14/12	
APPROVED BY	DATE	
RD	12/5/12	
PROJECT MGR.	DATE	
SB	12/5/12	



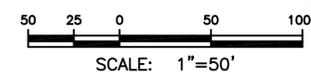
OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560
 JOB: 446794
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Honeywell
 NINEMILE CREEK
 SWPPP
 SYRACUSE, NEW YORK

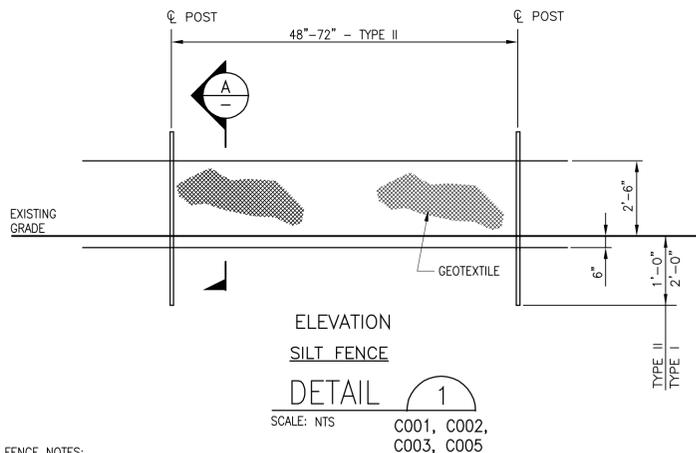
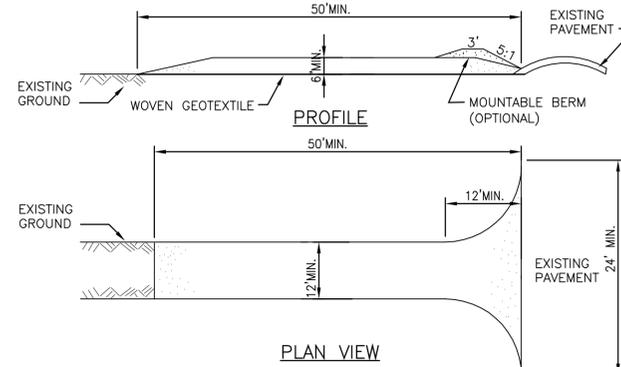
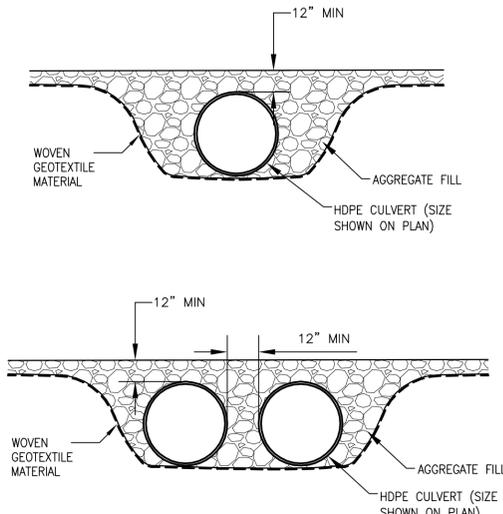
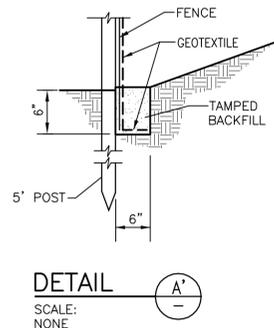
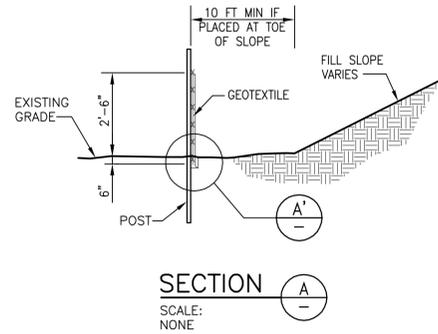
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**TEMPORARY STORM WATER AND
 EROSION CONTROL
 REACH AB-BC**

SCALE: 1" = 50'
 DRAWING NO. **446794-SWPPP-C006** REV. **A**

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CONSTRUCTION

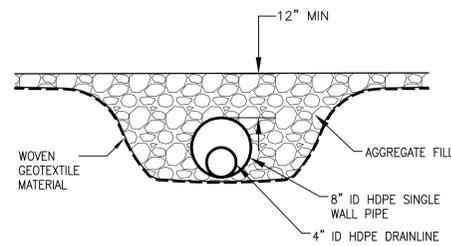


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SILT FENCE NOTES:

- SILT FENCE SHALL BE TYPE II :
 - MAXIMUM CENTER TO CENTER POST SPACING SHALL BE 4 FT IF GEOTEXTILE HAS AN ELONGATION GREATER OR EQUAL TO 50%. IF THE GEOTEXTILE HAS AN ELONGATION OF LESS THAN 50%, MAXIMUM FENCE POST SPACING SHALL BE INCREASED TO 6 FT. ELONGATION IS MEASURED IN ACCORDANCE WITH ASTM D4362.
 - FENCE POSTS SHALL BE DRIVEN A MINIMUM OF 1 FT INTO THE GROUND.
 - GEOTEXTILE SHALL BE SECURELY FASTENED TO FENCE POSTS AT THE TOP AND MID-SECTION.
 - GEOTEXTILE SHALL HAVE A MINIMUM GRAB STRENGTH OF 124 LBF IN THE MACHINE-DIRECTION AND 101 LBF IN THE CROSS-MACHINE DIRECTION.



NOTES:

- A STABILIZED CONSTRUCTION ENTRANCE WILL BE LOCATED AT ALL LOCATIONS WHERE TRAFFIC WILL BE ENTERING OR LEAVING ANY PORTION OF THE SITE FROM/TO A PUBLIC RIGHT-OF-WAY.
- STABILIZATION GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO GRAVEL PLACEMENT. GEOTEXTILE WILL ALSO ACT AS A FILTER FABRIC.
- A MINIMUM 6 IN. OF 1 TO 4 IN. CLEAN CRUSHED STONE SHALL BE PLACED TO THE DIMENSIONS INDICATED.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC STREETS.
- PERIODIC TOP-DRESSING WITH ADDITIONAL STONE MAY BE REQUIRED.
- INSPECTION SHALL BE UNDERTAKEN FOLLOWING RAIN.

NOT FOR
CONSTRUCTION
PRELIMINARY

NO.	DESCRIPTION	DATE	DRWN	CHK'D	APP'VD
A	ISSUED FOR REVIEW	12/3/12	JR	MBS	RDH

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JR	11/30/12	
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MS	11/30/12	
APPROVED BY	DATE	
RD	11/30/12	
PROJECT MGR.	DATE	
SB	11/30/12	

PARSONS
COMMERCIAL TECHNOLOGY GROUP

OFFICE: 301 PLAINFIELD ROAD SYRACUSE, NY 13212 (315) 451-9560
JOB: 446794
WBS: 04820

PROJECT TITLE:
Honeywell
NINEMILE CREEK
STORMWATER POLLUTION PREVENTION PLAN (SWPPP)
SYRACUSE, NEW YORK

DRAWING TITLE:
DETAIL SHEET
NINEMILE CREEK
REACH AB-BC

SCALE: SHOWN

DRAWING NO.: **446794-SWPPP-C007** REV. **A**

APPENDIX D

CONSTRUCTION LOGS AND INSPECTION TEMPLATES

**STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM FOR
CONSTRUCTION ACTIVITIES**

CONSTRUCTION SITE LOG BOOK

Table of Contents

- I. Pre-Construction Meeting Documents
 - a. Preamble to Site Assessment and Inspections
 - b. Operator's Certification
 - c. Qualified Professional's Credentials & Certification
 - d. Pre-Construction Site Assessment Checklist
- II. Construction Duration Inspections
 - a. Directions
 - b. Modification to the SWPPP
- III. Monthly Summary Reports
- IV. Monitoring, Reporting, and Three-Month Status Reports
 - a. Operator's Compliance Response Form

Properly completing forms such as those contained in Appendix E meet the inspection requirement of NYSDEC SPDES GP for Construction Activities. Completed forms shall be kept on site at all times and made available to authorities upon request.
--

I. PRE-CONSTRUCTION MEETING DOCUMENTS

Project Name _____
Permit No. _____ **Date of Authorization** _____
Name of Operator _____
Prime Contractor _____

a. Preamble to Site Assessment and Inspections

The Following Information To Be Read By All Person's Involved in The Construction of Stormwater Related Activities:

The Operator agrees to have a qualified professional¹ conduct an assessment of the site prior to the commencement of construction² and certify in this inspection report that the appropriate erosion and sediment controls described in the SWPPP have been adequately installed or implemented to ensure overall preparedness of the site for the commencement of construction.

Prior to the commencement of construction, the Operator shall certify in this site logbook that the SWPPP has been prepared in accordance with the State's standards and meets all Federal, State and local erosion and sediment control requirements.

When construction starts, site inspections shall be conducted by the qualified professional at least every 7 calendar days and within 24 hours of the end of a storm event of 0.5 inches or greater (Construction Duration Inspections). The Operator shall maintain a record of all inspection reports in this site logbook. The site logbook shall be maintained on site and be made available to the permitting authorities upon request. The Operator shall post at the site, in a publicly accessible location, a summary of the site inspection activities on a monthly basis (Monthly Summary Report).

The operator shall also prepare a written summary of compliance with this general permit at a minimum frequency of every three months (Operator's Compliance Response Form), while coverage exists. The summary should address the status of achieving each component of the SWPPP.

Prior to filing the Notice of Termination or the end of permit term, the Operator shall have a qualified professional perform a final site inspection. The qualified professional shall certify that the site has undergone final stabilization³ using either vegetative or structural stabilization methods and that all temporary erosion and sediment controls (such as silt fencing) not needed for long-term erosion control have been removed. In addition, the Operator must identify and certify that all permanent structures described in the SWPPP have been constructed and provide the owner(s) with an operation and maintenance plan that ensures the structure(s) continuously functions as designed.

1 "Qualified Professional means a person knowledgeable in the principles and practice of erosion and sediment controls, such as a Certified Professional in Erosion and Sediment Control (CPESC), soil scientist, licensed engineer or someone working under the direction and supervision of a licensed engineer (person must have experience in the principles and practices of erosion and sediment control).

2 "Commencement of construction" means the initial removal of vegetation and disturbance of soils associated with clearing, grading or excavating activities or other construction activities.

3 "Final stabilization" means that all soil-disturbing activities at the site have been completed and a uniform, perennial vegetative cover with a density of eighty (80) percent has been established or equivalent stabilization measures (such as the use of mulches or geotextiles) have been employed on all unpaved areas and areas not covered by permanent structures.

b. Operators Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Name (please print): _____

Title _____ **Date:** _____

Address: _____

Phone: _____ **Email:** _____

Signature: _____

c. Qualified Professional's Credentials & Certification

"I hereby certify that I meet the criteria set forth in the General Permit to conduct site inspections for this project and that the appropriate erosion and sediment controls described in the SWPPP and as described in the following Pre-construction Site Assessment Checklist have been adequately installed or implemented, ensuring the overall preparedness of this site for the commencement of construction."

Name (please print): _____

Title _____ **Date:** _____

Address: _____

Phone: _____ **Email:** _____

Signature: _____

d. Pre-construction Site Assessment Checklist

(NOTE: Provide comments below as necessary)

1. Notice of Intent, SWPPP, and Contractors Certification:

Yes No NA

- Has a Notice of Intent been filed with the NYS Department of Conservation?
- Is the SWPPP on-site? Where? _____
- Is the Plan current? What is the latest revision date? _____
- Is a copy of the NOI (with brief description) onsite? Where? _____
- Have all contractors involved with stormwater related activities signed a contractor's certification?

2. Resource Protection

Yes No NA

- Are construction limits clearly flagged or fenced?
- Important trees and associated rooting zones, on-site septic system absorption fields, existing vegetated areas suitable for filter strips, especially in perimeter areas, have been flagged for protection.
- Creek crossings installed prior to land-disturbing activity, including clearing and blasting.

3. Surface Water Protection

Yes No NA

- Clean stormwater runoff has been diverted from areas to be disturbed.
- Bodies of water located either on site or in the vicinity of the site have been identified and protected.
- Appropriate practices to protect on-site or downstream surface water are installed.
- Are clearing and grading operations divided into areas <5 acres?

4. Stabilized Construction Entrance

Yes No NA

- A temporary construction entrance to capture mud and debris from construction vehicles before they enter the public highway has been installed.
- Other access areas (entrances, construction routes, equipment parking areas) are stabilized immediately as work takes place with gravel or other cover.
- Sediment tracked onto public streets is removed or cleaned on a regular basis.

5. Perimeter Sediment Controls

Yes No NA

- Silt fence material and installation comply with the standard drawing and specifications.
- Silt fences are installed at appropriate spacing intervals
- Sediment/detention basin was installed as first land disturbing activity.
- Sediment traps and barriers are installed.

6. Pollution Prevention for Waste and Hazardous Materials

Yes No NA

- The Operator or designated representative has been assigned to implement the spill prevention avoidance and response plan.
- The plan is contained in the SWPPP on page _____
- Appropriate materials to control spills are onsite. Where? _____

II. CONSTRUCTION DURATION INSPECTIONS

a. Directions:

Inspection Forms will be filled out during the entire construction phase of the project.

Required Elements:

- (1) On a site map, indicate the extent of all disturbed site areas and drainage pathways. Indicate site areas that are expected to undergo initial disturbance or significant site work within the next 14-day period;
- (2) Indicate on a site map all areas of the site that have undergone temporary or permanent stabilization;
- (3) Indicate all disturbed site areas that have not undergone active site work during the previous 14-day period;
- (4) Inspect all sediment control practices and record the approximate degree of sediment accumulation as a percentage of sediment storage volume (for example, 10 percent, 20 percent, 50 percent);
- (5) Inspect all erosion and sediment control practices and record all maintenance requirements such as verifying the integrity of barrier or diversion systems (earthen berms or silt fencing) and containment systems (sediment basins and sediment traps). Identify any evidence of rill or gully erosion occurring on slopes and any loss of stabilizing vegetation or seeding/mulching. Document any excessive deposition of sediment or ponding water along barrier or diversion systems. Record the depth of sediment within containment structures, any erosion near outlet and overflow structures, and verify the ability of rock filters around perforated riser pipes to pass water; and
- (6) Immediately report to the Operator any deficiencies that are identified with the implementation of the SWPPP.

SITE PLAN/SKETCH

Inspector (print name)

Date of Inspection

Qualified Professional (print name)

Qualified Professional Signature

The above signed acknowledges that, to the best of his/her knowledge, all information provided on the forms is accurate and complete.

Maintaining Water Quality**Yes No NA**

- Is there an increase in turbidity causing a substantial visible contrast to natural conditions?
- Is there residue from oil and floating substances, visible oil film, or globules or grease?
- All disturbance is within the limits of the approved plans.
- Have receiving lake/bay, stream, and/or wetland been impacted by silt from project?

Housekeeping

1. General Site Conditions

Yes No NA

- Is construction site litter and debris appropriately managed?
- Are facilities and equipment necessary for implementation of erosion and sediment control in working order and/or properly maintained?
- Is construction impacting the adjacent property?
- Is dust adequately controlled?

2. Temporary Stream Crossing

Yes No NA

- Maximum diameter pipes necessary to span creek without dredging are installed.
- Installed non-woven geotextile fabric beneath approaches.
- Is fill composed of aggregate (no earth or soil)?
- Rock on approaches is clean enough to remove mud from vehicles & prevent sediment from entering stream during high flow.

Runoff Control Practices

1. Excavation Dewatering

Yes No NA

- Upstream and downstream berms (sandbags, inflatable dams, etc.) are installed per plan.
- Clean water from upstream pool is being pumped to the downstream pool.
- Sediment laden water from work area is being discharged to a silt-trapping device.
- Constructed upstream berm with one-foot minimum freeboard.

2. Level Spreader

Yes No NA

- Installed per plan.
- Constructed on undisturbed soil, not on fill, receiving only clear, non-sediment laden flow.
- Flow sheets out of level spreader without erosion on downstream edge.

3. Interceptor Dikes and Swales

Yes No NA

- Installed per plan with minimum side slopes 2H:1V or flatter.
- Stabilized by geotextile fabric, seed, or mulch with no erosion occurring.
- Sediment-laden runoff directed to sediment trapping structure

4. Stone Check Dam

Yes No NA

- Is channel stable? (flow is not eroding soil underneath or around the structure).
- Check is in good condition (rocks in place and no permanent pools behind the structure).
- Has accumulated sediment been removed?.

5. Rock Outlet Protection

Yes No NA

- Installed per plan.
- Installed concurrently with pipe installation.

Soil Stabilization

1. Topsoil and Spoil Stockpiles

Yes No NA

- Stockpiles are stabilized with vegetation and/or mulch.
- Sediment control is installed at the toe of the slope.

2. Revegetation

Yes No NA

- Temporary seedings and mulch have been applied to idle areas.
- 4 inches minimum of topsoil has been applied under permanent seedings

Sediment Control Practices

1. Stabilized Construction Entrance

Yes No NA

- Stone is clean enough to effectively remove mud from vehicles.
- Installed per standards and specifications?
- Does all traffic use the stabilized entrance to enter and leave site?
- Is adequate drainage provided to prevent ponding at entrance?

2. Silt Fence

Yes No NA

- Installed on Contour, 10 feet from toe of slope (not across conveyance channels).
 - Joints constructed by wrapping the two ends together for continuous support.
 - Fabric buried 6 inches minimum.
 - Posts are stable, fabric is tight and without rips or frayed areas.
- Sediment accumulation is ___% of design capacity.

Sediment Control Practices (continued)

3. Storm Drain Inlet Protection (Use for Stone & Block; Filter Fabric; Curb; or, Excavated practices)

Yes No NA

- Installed concrete blocks lengthwise so open ends face outward, not upward.
 - Placed wire screen between No. 3 crushed stone and concrete blocks.
 - Drainage area is 1acre or less.
 - Excavated area is 900 cubic feet.
 - Excavated side slopes should be 2:1.
 - 2" x 4" frame is constructed and structurally sound.
 - Posts 3-foot maximum spacing between posts.
 - Fabric is embedded 1 to 1.5 feet below ground and secured to frame/posts with staples at max 8-inch spacing.
 - Posts are stable, fabric is tight and without rips or frayed areas.
- Sediment accumulation ___% of design capacity.

4. Temporary Sediment Trap

Yes No NA

- Outlet structure is constructed per the approved plan or drawing.
 - Geotextile fabric has been placed beneath rock fill.
- Sediment accumulation is ___% of design capacity.

5. Temporary Sediment Basin

Yes No NA

- Basin and outlet structure constructed per the approved plan.
 - Basin side slopes are stabilized with seed/mulch.
 - Drainage structure flushed and basin surface restored upon removal of sediment basin facility.
- Sediment accumulation is ___% of design capacity.

Note: Not all erosion and sediment control practices are included in this listing. Add additional pages to this list as required by site specific design.
 Construction inspection checklists for post-development stormwater management practices can be found in Appendix F of the New York Stormwater Management Design Manual.

