BME ASSOCIATES
ENGINEERS • SURVEYORS • LANDSCAPE ARCHITECTS

CONSTRUCTION STORMWATER OBSERVATION REPORT

Project Name and Location:
Shady Rock
Town of Penfield

Owner:
Redstone Builders
Steve Philippone

Contractor:
H. Boyce

Date: 10/31/23
Time: 9:30 am
Permit No. (if any): NYR11F748

Weather Conditions: Cloudy, 37°
Soil Conditions: Wet
Receiving Waters:
Wetland(s) ☐ Storm Sewer(s) ☐
Stream(s) ☑ Other(s) ☐

Project #: 2695
Drawing #: 4 of 8

NOI, Certifications, etc.
Provided: 12/09/19 *date*

On-Site: 12/09/19 *date*

Observations by: D. Ide

Stages of Construction:
(check all that apply)

☐ Clearing & Grubbing
☐ Rough Grading/Earthwork
☐ Utility Installation
☐ Final Grading
☑ Building/Lot Construction
☑ Temporary Stabilization
☐ Final Stabilization
☐ Topsoil Screening
☐ No Construction Activity

Email Distribution:

DATE: 10/31
☑ OWNER
☑ CONTRACTOR
☑ MUNICIPALITY
☐ _____

Inspection Frequency: ☐ Semiweekly ☐ Weekly ☑ Monthly ☐ Other _____

	Yes	No	N/A			COMMENTS:
1.	☐	☑	☐	Is there evidence of turbidity in the receiving waters, or causing a substantial visible contrast to natural conditions?		Discharge is clear
2.	☐	☑	☐	Is there evidence of sedimentation in the receiving waters?		Receiving waters are clear
3.	☑	☐	☐	Adjoining properties and downstream waterways protected from erosion and sediment due to stormwater runoff from the construction site?		
4.	☑	☐	☐	Have all erosion control measures been installed/constructed per Grading & Erosion Control Plan?		
5.	☐	☑	☐	Are erosion control measures in need of repair, replacement or enhancement?		
6.	☑	☐	☐	Are perimeter erosion control measures functioning?		
7.	☑	☐	☐	Have the stabilized construction entrances been installed & maintained?		
8.	☑	☐	☐	Have public roadways and site access roads been kept free of mud and debris?		
9.	☑	☐	☐	Are check dams in good condition?		
10.	☐	☐	☑	Has accumulated sediment been removed from check dam(s)?		
11.	☐	☑	☐	Do all operational storm inlets have adequate inlet protection?		Add inlet protection
12.	☐	☐	☑	Have sediment basins and traps been constructed according to approved plans?		
13.	☑	☐	☐	Are finished cut and fill slopes adequately stabilized?		
14.	☑	☐	☐	Are areas where soil disturbance has ceased been temporary/permanently stabilized within 7 days (≥5 acres) or 14 days (<5 acres) of last disturbance?		
15.	☑	☐	☐	Is the site adequately stabilized at this time?		
16.	☑	☐	☐	Are soil stockpiles in appropriate locations and covered, mulched or vegetated?		
17	☐	☑	☐	Is dust control needed?		
18.	☐	☑	☐	Is construction site litter and debris appropriately managed?		Replace concrete washout
19.	☑	☐	☐	Have all permanent stormwater management facilities been installed/constructed?		
20.	☑	☐	☐	Has construction sequence been followed?		
21.	☐	☑	☐	Are additional temporary erosion control measures needed?		
22.	☐	☐	☑	Have temporary measures that are no longer needed been removed?		
23.	☐	☑	☐	Have all deficiencies from previous reports been addressed?		

☑ See attached sketch *(if necessary)* ☐ SWPPP Modification *(See attached)* ☑ See Corrective Actions

Notes: Construction continues on lot 7. Replace CWO. Remove piles of hardened concrete waste. Streets remain free of sediment. Add inlet protection to lot 7 inlet.

BME ASSOCIATES

SWT# 040T-022323-32
☐ P.E. ☐ R.L.A. ☐ CPESC ☑ SWT

10/31/23
Date

This record is intended to provide compliance with the provisions of Part IV.C.4. of the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities.



Add inlet protection to inlet to inlet on lot 7 8-8-23

Legend

- Actively Worked Soils
- Temporary Stabilization
- Soils Requiring Stabilization
- Stabilized Soils
- Hydroseeded
- Paved or Stoned
- Stockpiles
- Silt Fence

CWO

3. SEE STORM WATER POLLUTION PREVENTION PLAN FOR OVERALL SUDIVISION GRADING, DETAILS AND SPECIFICATIONS.

4. SEE DETAILS AND NOTES FOR STABILIZATION DETAIL, GRADING AND EROSION CONTROL NOTES.

5. ALL TEMPORARY SEDIMENT TRAPS/SINKS DEEPER THAN 1.5' SHALL BE PROTECTED BY ORANGE CONSTRUCTION FENCE AROUND THE ENTIRE PERIMETER OF THE SEDIMENT SINK, INCLUDING PONDS.

6. SOIL RESTORATION REQUIREMENTS:
   A. AREAS OF TOPSOIL STRIPPED WITH NO CHANGE IN GRADE
      *AERATE SUBSOIL AND APPLY 6 INCHES OF TOPSOIL
   B. AREAS OF CUT AND FILL
      *APPLY 3 INCHES OF COMPOST OVER SUBSOIL.
      *TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12" USING A TRACTOR MOUNTED DISC.
      *ROCH PICK UNTIL UPLIFTED ROCK MATERIALS OF 4" AND LARGER ARE CLEANED OFF THE SITE.
      *APPLY TOPSOIL TO A DEPTH OF 6" MIN.
      *VEGETATE AS REQUIRED BY APPROVED PLAN.

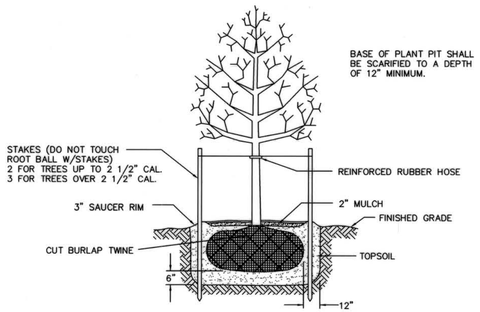
7. APPROXIMATE AREA OF DISTURBANCE IS 4.4 ACRES.

STREET/LOT TREE LIST

	SIZE	SPACING
SPECIES (LINDEN TWO TREES/LOT. TWO TREES/LOT, ADDED SCREENING S AT THE NORTH IDE A VARIETY OF REES FOR THE LOTS E SAME TREE		
ES HAS VARYING OICES/TYPES NEED LECTION AND	4'-5' HGHT.	FIELD LOCATED PER NOTE ABOVE
	2 1/2" CAL.	AS SHOWN
	2 1/2" CAL.	AS SHOWN
	4'-5' HGHT.	AS SHOWN
D ENSURE GROWTH. OF FIVE (5) FT. SEMENT..		



Repair concrete washout and remove hardened concrete waste. 6-20-23



TYPICAL TREE PLANTING DETAIL

N.T.S.

CONSTRUCTION SEQUENCE:

PRIOR TO CLEARING EARTHWORK THE SITE CONTRACTOR IS TO INSTALL ALL EROSION CONTROL MEASURES AS FOLLOWS:

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL ON DETAIL SHEET.)
2. SILT FENCE TO BE PROVIDED AS SHOWN, SEE DETAILS ON DETAIL SHEET.
3. IF TOPSOIL IS STRIPPED AND STOCKPILED, PROVIDE APPROPRIATE RUNOFF MEASURES.
4. THE STORM WATER MANAGEMENT FACILITY (POND) IS TO BE CONSTRUCTED BEFORE ANY STORM SYSTEM WORK. AS GRADING IS COMPLETE PROVIDE EROSION CONTROL METHODS PER PLAN AND NYSDEC SPECIFICATION.
5. CONSTRUCT AND STABILIZE ALL SWALES AS SOON AS GRADING IS COMPLETE PROVIDE EROSION CONTROL METHODS PER PLAN AND NYSDEC SPECIFICATION.
6. STABILIZE ALL DISTURBED SLOPES 1 ON 4 OR STEEPER WITH AN ACCEPTABLE SLOPE EROSION MAT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SILTATION AND EROSION CONTROL MEASURES FROM INSTALLATION THROUGH MAINTENANCE AND REMOVAL AFTER REVEGETATION HAS BEEN ESTABLISHED.
8. STABILIZATION MEASURES (TEMPORARY OR PERMANENT SEEDING/MULCHING, GEOTEXTILE, ETC.) MUST BE INITIATED WITHIN 14 DAYS (5 ACRES OR LESS DISTURBANCE), WITHIN 7 DAYS (MORE THAN 5 ACRES DISTURBANCE)
9. FOR ADDITIONAL EROSION CONTROL MEASURES, DETAILS AND SPECIFICATIONS SEE SWPPP.
10. PROVIDE ORANGE CONSTRUCTION SAFETY FENCE AROUND POND AND SILT SINK SEDIMENT TRAP LOCATIONS DURING CONSTRUCTION (RECOMMENDED)

CERTIFICATION OF COMPLIANCE WITH SPDES GENERAL PERMIT # GP-0-15-002

THE STORMWATER POLLUTION PREVENTION PLANS REFLECT COLLEGE REQUIREMENTS FOR STORMWATER MANAGEMENT AND SEDIMENT CONTROL. TO ENSURE COMPLIANCE, THESE PLANS WERE PREPARED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS. OTHER APPLICABLE REQUIREMENTS FOR SEDIMENT AND EROSION SITE PLANS (OR PERMITS), OR STORMWATER MANAGEMENT SITE PLANS (OR PERMITS) WILL BE ADHERED TO. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTORL.

CERTIFICATION:

I HERBY CERTIFY THAT I UNDERSTAND AND AGREE TO COMPLY WITH THE TERMS AND CONDITIONS OF THE SWPPP AND AGREE TO IMPLEMENT ANY CORRECTIVE ACTIONS IDETIFIED BY THE QUALIFIED INSPECTOR DURING A SITE INSPECTION. I ALSO UNDERSTAND THAT THE OWNER OR OPERATOR MUST COMPLY WITH THE TERMS AND CONDITIONS OF THE NEW YORK STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES AND THAT IT IS UNLAWFUL FOR ANY PERSON TO CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS. FURTHERMORE, I UNDERSTAND THAT CERTIFYING FALSE, INCORRECT OR INACCURATE INFORMATION IS A VIOLATION OF THE REFERENCED PERMIT AND THE LAWS OF THE STATE OF NEW YORK AND COULD SUBJECT ME TO CRIMINAL, CIVIL AND OR ADMINISTRATIVE PROCEDINGS.

OWNER/OPERATOR(S): _____ DATE: _____

CONTACTOR(S): _____ DATE: _____

DATE: 9/27/19

DATE: 9-26-19

DATE: 9/27/19

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

NO.			
1	TOWN PRC REVIEW COMMENTS	NES	4/20/19
2	MCWA REVIEW COMMENTS	NES	6/10/19
3	MCDOH REVIEW COMMENTS	NES	6/10/19
4	TOWN PRC REVIEW COMMENTS	NES	9/16/19
5	TOWN PRC REVIEW COMMENTS	NES	9/25/19

gineers and chitects, P.C.
Rochester, New York 14626
ph. 585-271-5230 fax 585-271-3488

PROJECT: SHADY ROCK SUBDIVISION
PART OF LOT 54, TOWNSHIP 13, RANGE 4 OF THE PHELPS & GORHAM PURCHASE, TOWN OF PENFIELD, MONROE COUNTY, NEW YORK

DRAWING TITLE: GRADING AND EROSION CONTROL PLAN

CLIENT: R.B. Land Compay, LLC
1140 CROSSPOINTE LANE, SUITE 8
WEBSTER, N.Y. 14580

PROJ. NO.	DWG. BY	DESIGN BY	APPROVED	DATE	SCALE	DWG. NO.
08-12034	N.E.S.	W.F.B.	D.E.S.	01/19/19	1"=50'	4 OF 8