

# VILLAGE OF DEPEW RECLAMATION EMBANKMENT RESTORATION PROJECT CONSTRUCTION CLOSURE REPORT

VILLAGE OF DEPEW  
ERIE COUNTY, NEW YORK

PREPARED FOR:



VILLAGE OF DEPEW  
85 Manitou Street  
Depew, NY 14043



22J1-0110 BG02

March 2023

**Full-Service Capabilities Coupled with Local Expertise**

3556 Lake Shore Road, Suite 500 | Buffalo, NY 14219  
t: 716.827.8000 | f: 716.826.7958 [nussclarke.com](http://nussclarke.com)

RECLAMATION EMBANKMENT RESTORATION PROJECT  
CONSTRUCTION CLOSURE REPORT



---

TABLE OF CONTENTS

<b>1.0</b>	<b>INTRODUCTION</b>	<b>1</b>
<b>2.0</b>	<b>CONSTRUCTION CLOSURE</b>	<b>2</b>
2.1	Waste Relocation	2
2.2	Grading and Runoff Management	2
2.3	Deviations from the NYSDEC Permit	2
2.4	Cover	3
<b>3.0</b>	<b>CLOSURE CONSTRUCTION CERTIFICATION STATEMENT</b>	<b>3</b>

**FIGURES**

Figure 1-1 Site Location Map

**APPENDICES**

Appendix A NYSDEC DMM Activity #15S75 Permit  
Appendix B Reclamation Embankment Project As-Builts  
Appendix C National Energy Development, LLC Proposed Site Plans  
Appendix D Photographs

# RECLAMATION EMBANKMENT RESTORATION PROJECT CONSTRUCTION CLOSURE REPORT



## 1.0 INTRODUCTION

Nussbaumer & Clarke, Inc. has prepared this Construction Closure Report (CCR) on behalf of the Village of Depew (herein referred to as "Village") to document closure of the Village of Depew Reclamation Embankment Project, in accordance with the New York State Department of Environmental Conservation (NYSDEC) Division of Materials Management (DMM) Activity #15S75 permit, dated September 2, 2021 (Appendix A).

The project area consists of three restoration areas on the embankment along Cayuga Creek, located at 4293 Broadway Street, Village of Depew, Erie County, New York (herein referred to as "site"). The site is a portion of the greater NYSDEC Division of Environmental Remediation (DER) Site ID #915129 and is currently a vacant inactive landfill owned by the Village and has a long history as an unregulated solid waste landfill. A Site location map is shown in Figure 1-1 and a larger version is included in Appendix B.

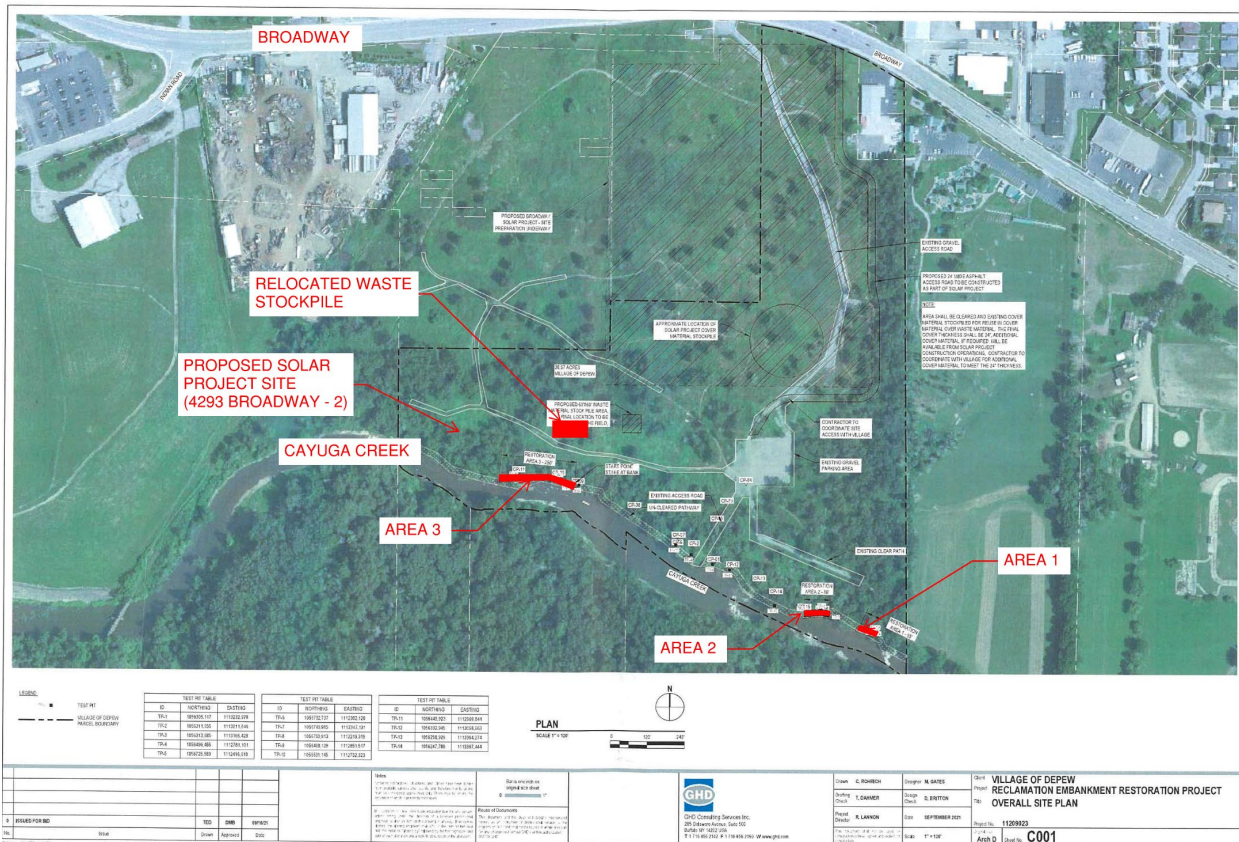


Figure 1-1: Site Location Map

The purpose of the Village of Depew Reclamation Embankment Project was to address areas of exposed waste along the embankment on southern boundary of the site due to erosion from Cayuga Creek. The project involved regrading and stabilization of the embankment at three specific areas along Cayuga Creek and relocation of waste encountered to an upland area of the landfill. The project construction contract was awarded in November 2021, construction began in February 2022, and was substantially completed in June 2022 with the exception of the placement of the required final 24-inch soil cover.

The Village is currently negotiating a land lease agreement with National Energy Development, LLC for the placement and construction of a solar photovoltaic generation system project (4293 Broadway – 2). The solar development project includes the installation of solar panels and completion of the soil cover material in accordance with permit letter item 7.b and 7.c.

The following sections provide detail and documentation of the substantially completed closure activities.

## **2.0 CONSTRUCTION CLOSURE**

### **2.1 WASTE RELOCATION**

All waste was removed from the embankment along Cayuga Creek (Area 1, Area 2, and Area 3) and relocated to an area upland of the embankment within the limits of the existing landfill as shown on Figure 1-1. Approximately 2 to 3-inches of existing topsoil in the designated upland location was stripped and stockpiled prior to placement of the relocated waste. The relocated waste was then placed and graded in a thin layer and existing topsoil paced back over top to establish a temporary vegetative cover.

### **2.2 GRADING AND RUNOFF MANAGEMENT**

All work was completed in substantial accordance with the approved design plans. The regraded work areas (1-3) along the embankment were protected from erosion by the installation of two feet of quarried stone at the toe of slope and reno mattresses along the 3:1 slope. All waste was removed from within the project work limits. As-built plans of the final embankment restoration project are included as Appendix B.

### **2.3 DEVIATIONS FROM THE NYSDEC PERMIT**

The project has been substantially completed in accordance with the NYSDEC permit with the exception of the installation of the final 24-inches of soil cover material. National Energy Development, LLC plans to apply the required cover system during the solar project in accordance with the NYSDEC permit, as discussed in Section 2.4. Proposed site plans for National Energy Development, LLC's solar project 4293 Broadway - 2 are provided in Appendix C. The start date of construction has not been determined at this time.

**2.4 COVER**

The relocated waste stockpile and the remainder of the project site will be covered with a minimum of two feet of soil and seeded to establish vegetative cover during the solar project. Upon completion of the solar photovoltaic generation system, documentation indicating that at least 24-inches of cover material has been placed above the relocated waste pile and documentation regarding the source of soils imported to the site including analytical testing will be provided to the NYSDEC in accordance with permit.

Project photographs are provided in Appendix D.

**3.0 CLOSURE CONSTRUCTION CERTIFICATION STATEMENT**

Nussbaumer & Clarke, Inc. hereby certifies that construction of the Reclamation Embankment Restoration Project was constructed in accordance with the terms of the department-issued permit and each stage of construction was undertaken by the supervision of an individual licensed to practice engineering in the State of New York. This Construction Closure Report has been prepared in accordance with 6 CRR-NY NYSDEC Solid Waste Management Facilities General Requirements Part 360.16.j Supervision and Certification of Construction.

Title of Report: **VILLAGE OF DEPEW RECLAMATION EMBANKMENT RESTORATION PROJECT CONSTRUCTION CLOSURE REPORT**

Date of Report: March 2023

Professional Engineer's Name: Nussbaumer & Clarke, Inc.

David Britton, PE. 075722



Signature: David Britton

Date: March 15, 2023

**RECLAMATION EMBANKMENT RESTORATION PROJECT  
CONSTRUCTION CLOSURE REPORT**

---



**APPENDIX A**

**NYSDEC DMM ACTIVITY #15S75 PERMIT**

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Materials Management, Region 9  
270 Michigan Avenue, Buffalo, NY 14203-2915  
P: (716) 851-7220 | F: (716) 851-7226  
www.dec.ny.gov

September 2, 2021

Honorable Kevin Peterson  
Depew Municipal Building  
85 Manitou Street  
Depew, New York 14043

Dear Mayor Peterson:

Old Land Reclamation Landfill  
DMM Activity #15S75  
DER ID #915129  
Reclamation Embankment Restoration Project

The New York State Department of Environmental Conservation (the "Department") has reviewed the design drawings and contract documents for the "Village of Depew Reclamation Embankment Restoration Project" dated August 2021, prepared by GHD Consulting Services, Inc. The plans have been developed to address areas of exposed waste along the southern boundary of the subject landfill due to erosion from Cayuga Creek.

The project involves regrading three areas of the landfill along Cayuga Creek and the relocation of waste encountered to an area of the landfill (within the limits of the existing landfill located within the parcel owned by the Village of Depew). The relocated waste will be covered with a minimum of two feet of soil and seeded to establish vegetative cover. The regraded areas will be protected from erosion by the installation of quarried stone at the toe of slope and reno mattresses along the 3:1 slope. In regraded areas where waste is encountered, a minimum of 24 inches of cover material will be placed above the waste.

The Department approves the design drawings and contract documents dated August 2021 for the embankment restoration project subject to the following terms and conditions:

1. The Village of Depew shall be responsible to ensure that all necessary precautions are taken to protect the health and safety of workers and the public during the construction.
2. The Village of Depew shall maintain copies of this approval and the approved design drawings at the site during construction of the embankment restoration project.



3. All disturbance of the Landfill shall be limited to the excavations and installations as depicted or described in the design drawings and the conditions of this approval.
4. Not less than seven (7) days prior to commencing construction, the Village of Depew shall notify the Department in writing of the following:
  - a. Scheduled date of the commencement construction;
  - b. The projected schedule for completion of the major construction milestones; and
  - c. The name and contact information of an on-site contact for the construction.
5. The Village of Depew shall notify the Department not less than 2 days prior to construction meetings.
6. Pursuant to 6 NYCRR 360.7 Department staff shall have the right to inspect the landfill to take samples, to perform tests, and have access to and photocopy records, and to otherwise monitor compliance with this approval and all environmental laws and regulations administered by the Department.
7. No later than ninety (90) days after the date of completion of the construction of the embankment restoration project the Village of Depew shall submit for review and approval by the Department a construction certification report prepared by a professional engineer licensed in the State of New York, that includes, but is not limited to:
  - a. As-built plans of the final embankment restoration project amended to incorporate all modifications and alterations, if any, made during construction.
  - b. Documentation that at least 24 inches of cover material has been placed above the relocated waste and regraded areas where waste was encountered.
  - c. Documentation regarding the source of soils imported to the site, including analytical testing.



Honorable Kevin Peterson  
September 2, 2021  
Page 3

- d. A professional engineer's certification that the requirements of Part 360 regulations, the approved design drawings, generally accepted engineering practices, and this approval have been complied with.
8. This approval does not relieve Village of Depew or others from their obligations to comply with all other applicable federal and state laws and regulations including, but not limited to, 6 NYCRR Parts 360 and 373, and acquiring applicable permits and approvals, including local permits.

The Department appreciates the efforts the Village has taken to address the issues identified at this closed landfill. Should you have any questions, please contact myself or Beverly Lewinski of this office at (716) 851-7220.

Sincerely,

Peter Grasso Digitally signed  
by Peter Grasso  
Date: 2021.09.02  
14:29:06 -04'00'

Peter Grasso, P.E.  
Regional Materials Management Engineer

PG/slr

ec: Chad Staniszewski, P.E., NYSDEC Acting Regional Director/Regional Engineer  
Maureen Brady, Esq., NYSDEC Regional Attorney  
Beverly Lewinski, P.E., NYSDEC Professional Engineer 1  
Steven McDonnell, NYSDEC Assistant Geologist  
Jaime Lang, P.E., NYSDEC Albany  
Dave Britton, P.E., GHD Consulting Services  
Samuel Alba, Esq., Village of Depew



---

**APPENDIX B**

**RECLAMATION EMBANKMENT PROJECT AS-BUILTS**

RECORD SURVEY SHOTS TAKEN June 16, 2022  
 Village of Depew - Reclamation Embankment Restoration Project  
 By:  
 KLETTKE LAND SURVEYORS, P.C.  
 2470 STOELTING ST., NIAGARA FALLS, NY 14304  
 716-731-5613

Job No. 3631

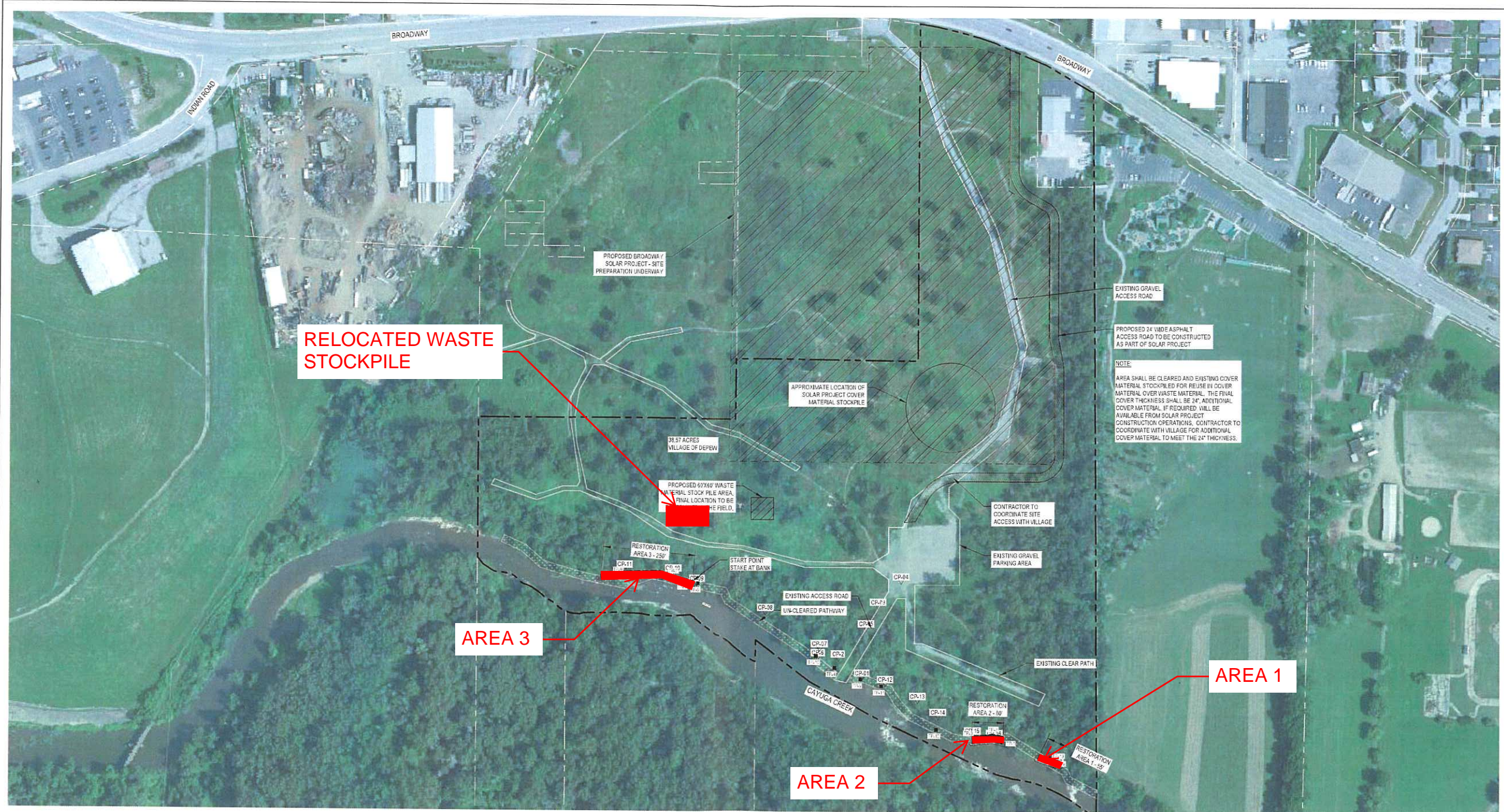
	Northing*	Easting*	Elev.**	Description
550	1056241.70	1113387.60	623.4	AR1 QRY ST NE
551	1056238.90	1113386.40	623.5	AR1 QRY ST SE
552	1056255.30	1113336.50	623.1	AR1 QRY ST SW
553	1056259.10	1113338.10	623.2	AR1 QRY ST NW
554	1056248.60	1113391.80	626.9	AR1 RENO BSKT NE
555	1056266.40	1113341.60	626.1	AR1 RENO BSKT NW
556	1056301.10	1113239.10	621.5	AR2 QRY ST NE
557	1056296.30	1113238.40	621.4	AR2 QRY ST SE
558	1056301.60	1113210.40	621.8	AR2 QRY ST ANGLE
559	1056298.90	1113157.10	620.9	AR2 QRY ST SW
560	1056300.50	1113156.50	621.3	AR2 QRY ST NW
561	1056309.50	1113240.90	624.2	AR2 RENO BSKT NE
562	1056314.10	1113211.10	624.4	AR2 RENO BSKT ANGLE
563	1056309.10	1113155.50	624.3	AR2 RENO BSKT NW
570	1056724.40	1112385.40	620.5	AR3 QRY ST NE
571	1056721.80	1112383.00	620.5	AR3 QRY ST SE
572	1056729.50	1112352.30	620.9	AR3 QRY ST ANGLE
573	1056745.40	1112308.10	621.3	AR3 QRY ST ANGLE
574	1056742.40	1112235.30	620.5	AR3 QRY ST SW
575	1056745.50	1112234.80	621.1	AR3 QRY ST NW
576	1056729.80	1112387.00	626.1	AR3 RENO BSKT NE
577	1056751.20	1112307.80	626.3	AR3 RENO BSKT ANGLE
578	1056748.50	1112161.20	623.8	AR3 RENO BSKT NW
579	1056737.70	1112156.90	618.6	AR3 XTRA ROCKS SW

\*NYS (West 3103)  
 NAD\_83(2011) (EPOCH:2010.0000)

\*\*NAVD88







**LEGEND**  
 ■ TEST PIT  
 - - - VILLAGE OF DEPEW PARCEL BOUNDARY

ID	NORTHING	EASTING
TP-1	1056305.117	1113232.078
TP-2	1056311.555	1113211.646
TP-3	1056313.385	1113166.428
TP-4	1056499.455	1112781.101
TP-5	1056725.583	1112416.918

ID	NORTHING	EASTING
TP-6	1055732.737	1112382.126
TP-7	1056740.985	1112347.131
TP-8	1056750.913	1112219.319
TP-9	1056488.126	1112851.517
TP-10	1055531.145	1112732.323

ID	NORTHING	EASTING
TP-11	1056445.923	1112009.844
TP-12	1056332.945	1113058.563
TP-13	1056258.929	1113364.274
TP-14	1056247.788	1113367.444



NO.	ISSUED FOR	DATE	BY	APPROVED BY
0	ISSUED FOR BIDD	09/16/21	TED	DMB

**Notes**  
 1. All dimensions are in feet unless otherwise noted.  
 2. All dimensions are to the centerline of the embankment unless otherwise noted.  
 3. All dimensions are to the centerline of the embankment unless otherwise noted.  
 4. All dimensions are to the centerline of the embankment unless otherwise noted.  
 5. All dimensions are to the centerline of the embankment unless otherwise noted.

**Bar is one inch on original size sheet**  
 0 120 240'

GHD Consulting Services Inc.  
 255 Delaware Avenue, Suite 500  
 Buffalo, NY 14202 USA  
 T 1 716 855 2142 F 1 716 856 2163 W www.ghd.com

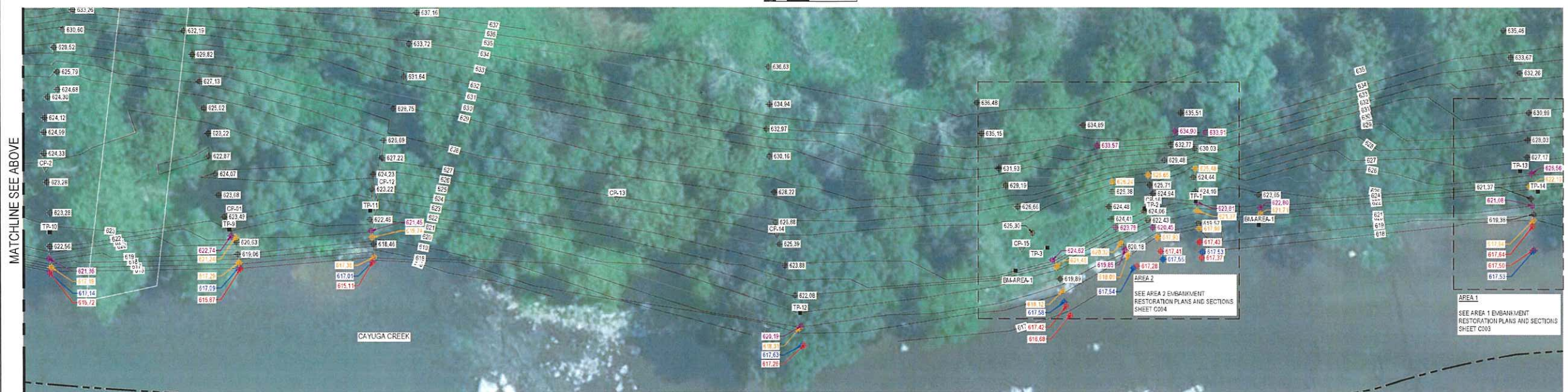
Drawn: C. ROHRICH  
 Designer: M. GATES  
 Drafting Check: T. DAHMER  
 Design Check: D. BRITTON  
 Project Director: R. LANNON  
 Date: SEPTEMBER 2021  
 Scale: 1" = 120'

Client: VILLAGE OF DEPEW  
 Project: RECLAMATION EMBANKMENT RESTORATION PROJECT  
 Title: OVERALL SITE PLAN  
 Project No.: 11209023  
 Arch D: Sheet No. C001



**NOTE**  
 EXISTING TREE IN WATER SHALL REMAIN IN PLACE. CONTRACTOR SHALL REMOVE ANY TRASH AND DEBRIS EXPOSED IN ROOT BALL AND DISPOSE OF TRASH AND DEBRIS AT AN UPLAND DISPOSAL AREA.

**PLAN**



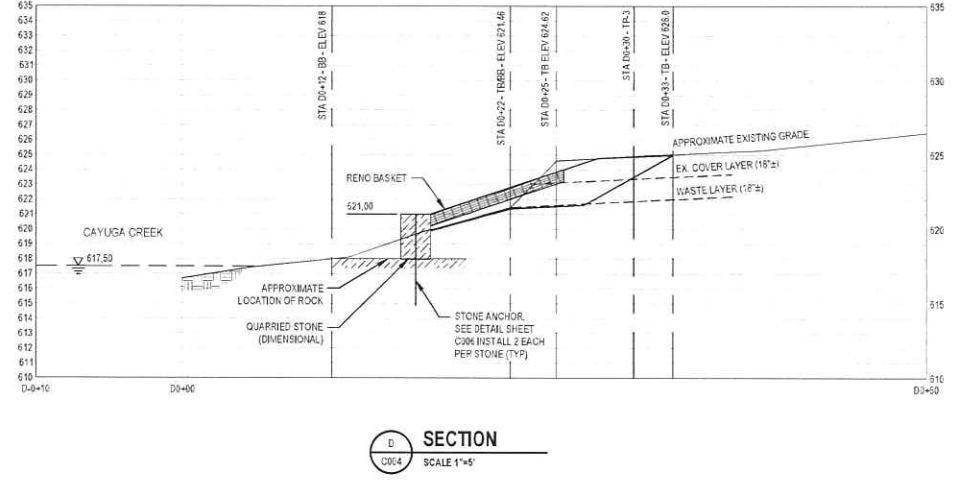
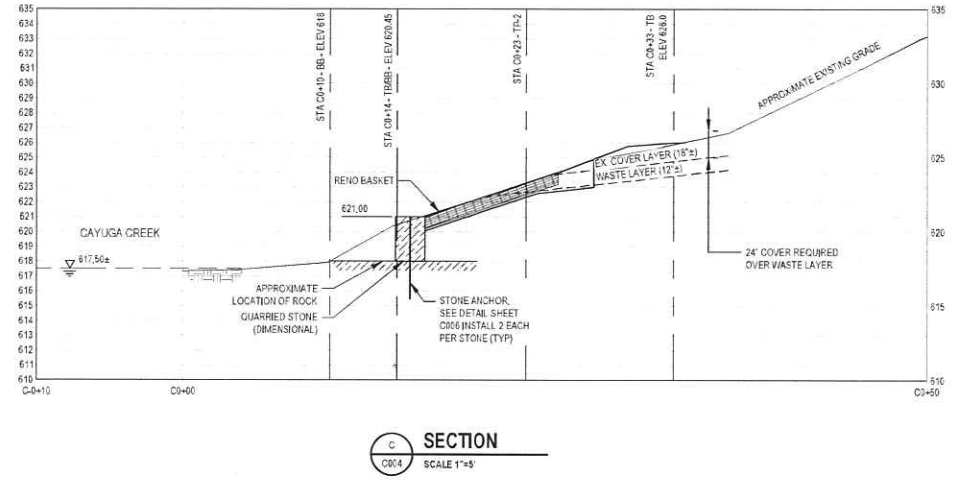
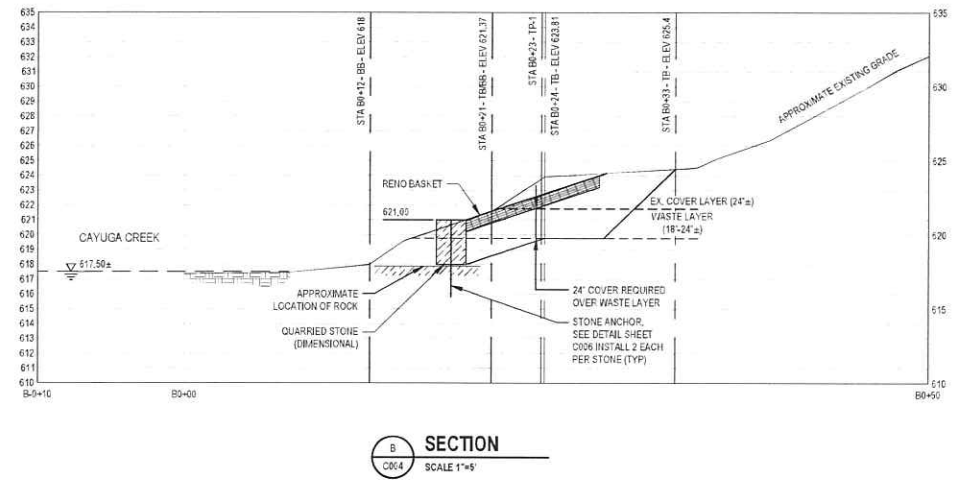
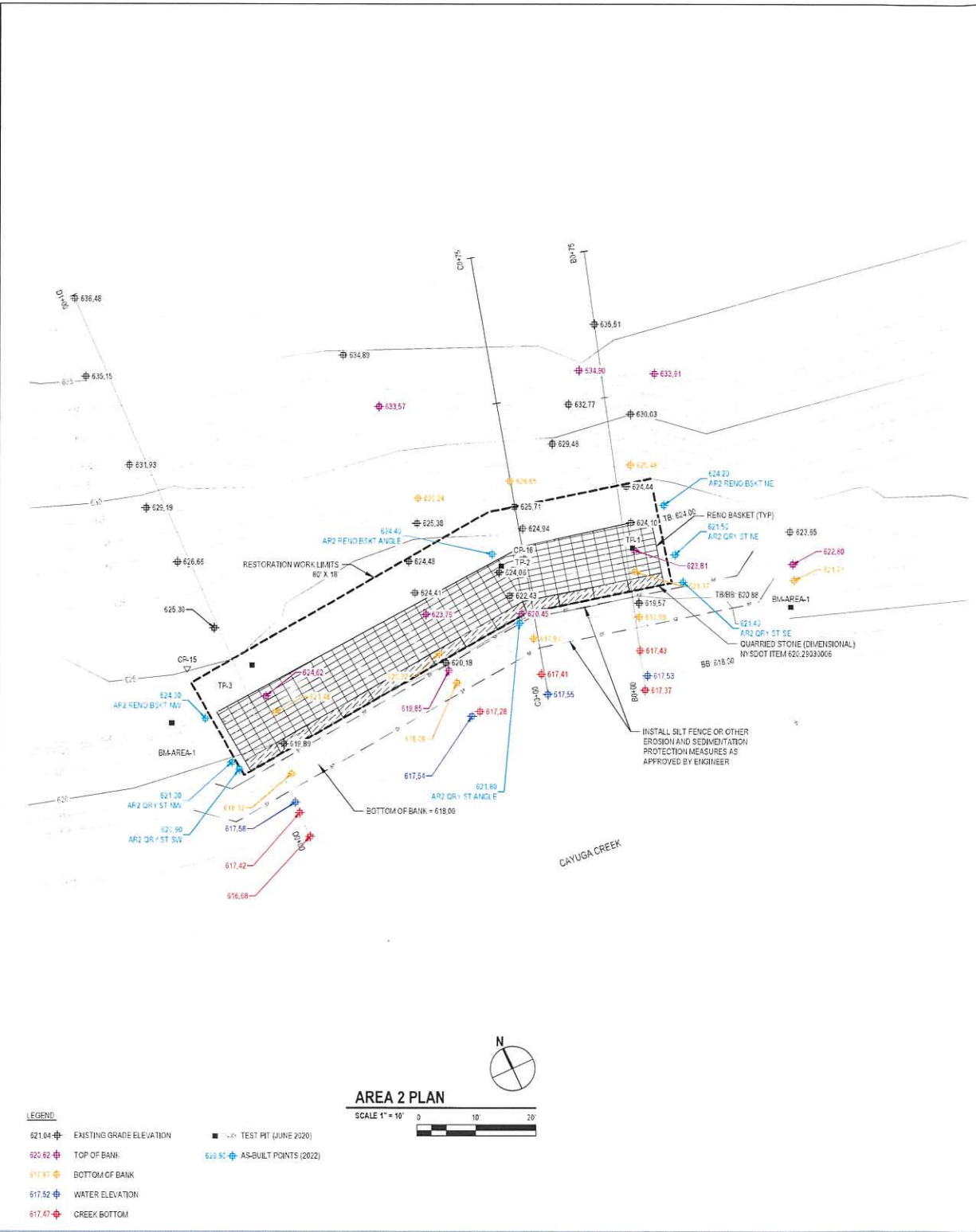
- LEGEND:**
- 621.04 ■ EXISTING GRADE ELEVATION
  - 625.62 ■ TOP OF BANK
  - 617.87 ■ BOTTOM OF BANK
  - 617.52 ■ WATER ELEVATION
  - 617.47 ■ CREEK BOTTOM
  - TP-9 ■ TEST PIT LOCATION (JUNE 2022)
  - PZ ■ NYS DEC MONITORING

**PLAN**



				<p><b>Notes</b></p> <p>1. All work shall be done in accordance with the approved plans and specifications. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate agencies. The contractor shall be responsible for maintaining the creek and surrounding areas in good condition throughout the project.</p>		<p><b>Bar is one inch on original size sheet</b></p> <p>0 10 20 40</p>		<p>GHD Consulting Services Inc.        285 Delaware Avenue, Suite 500        Buffalo, NY 14202 USA        T 1 716 856 2142 F 1 716 856 2160 W www.ghd.com</p>		<p>Drawn: C. ROHRICH Designer: M. GATES Client: VILLAGE OF DEPEW        Project: RECLAMATION EMBANKMENT RESTORATION PROJECT        Title: EXISTING CONDITIONS PLAN</p>	
				<p><b>Reuse of Documents</b></p> <p>This document is the property of GHD Consulting Services Inc. and is not to be distributed, copied, or reproduced in any form without the written permission of GHD Consulting Services Inc. All rights reserved.</p>		<p>Project Director: R. LANNON Date: SEPTEMBER 2021</p>		<p>Project No.: 11209023        Arch D Sheet No.: C002</p>			
<p>0 ISSUED FOR BID</p>				<p>TED DMB 09/16/21</p>		<p>Scale: 1" = 20'</p>		<p>Project No.: 11209023        Arch D Sheet No.: C002</p>			





No.	Issue	Drawn	Approved	Date
0	ISSUED FOR BID	TED	DMB	09/16/21

Notes	Scale and Grid on original size sheet
<p>1. All work shall be in accordance with the approved plans and specifications.</p> <p>2. The contractor shall be responsible for obtaining all necessary permits and approvals.</p> <p>3. The contractor shall maintain access to all existing utilities and structures.</p> <p>4. The contractor shall be responsible for all safety measures during construction.</p> <p>5. The contractor shall be responsible for all environmental protection measures.</p>	<p>Scale: 1" = 10'</p> <p>Grid: 10' x 10'</p>

**GHD**

GHD Consulting Services Inc.  
295 Delaware Avenue, Suite 500  
Buffalo, NY 14222 USA  
T 1 716 856 2143 F 1 716 856 2160 W www.ghd.com

Drawn: C. ROHRICH	Designer: M. GATES	Client: VILLAGE OF DEPEW
Designing: T. DAHMER	Design Check: D. BRITTON	Project: RECLAMATION EMBANKMENT RESTORATION PROJECT
Project Director: R. LANNON	Date: SEPTEMBER 2021	Title: AREA 2 EMBANKMENT RESTORATION PLANS AND SECTIONS
Scale: AS SHOWN	Arch D: C004	Sheet No. C004

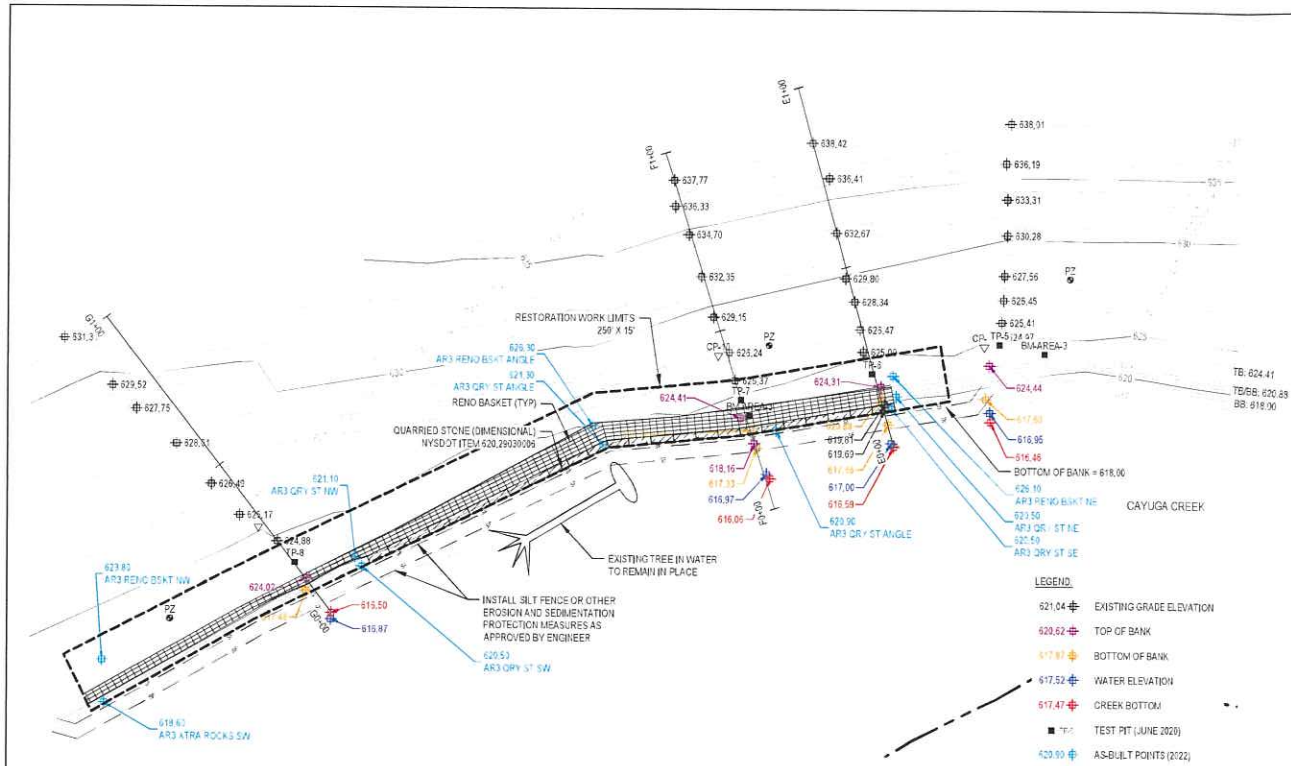
**VILLAGE OF DEPEW**  
**RECLAMATION EMBANKMENT RESTORATION PROJECT**  
**AREA 2 EMBANKMENT RESTORATION**  
**PLANS AND SECTIONS**

Project No. 11209023

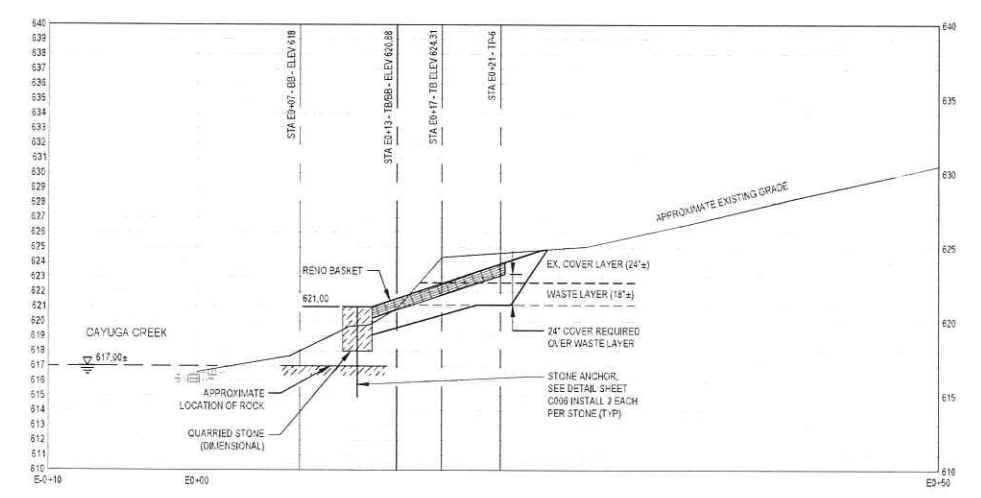
Arch D C004

Sheet No. C004

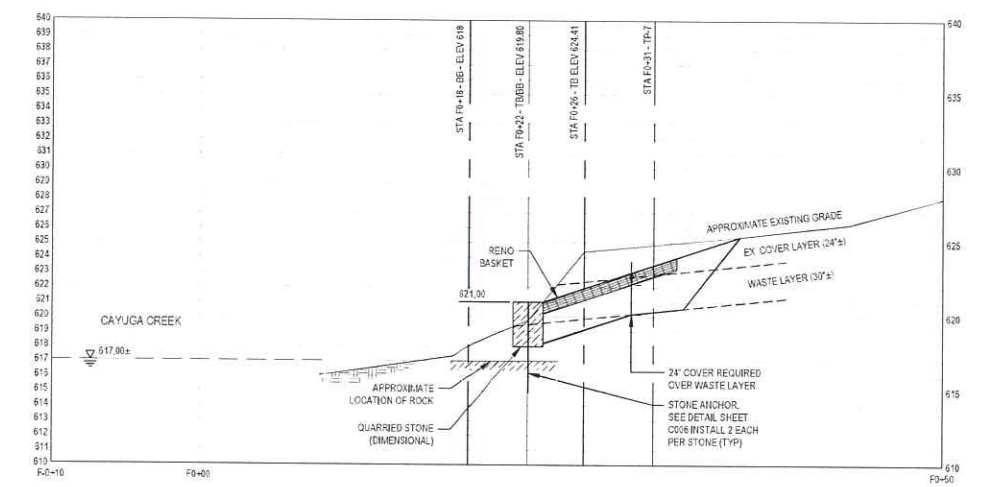




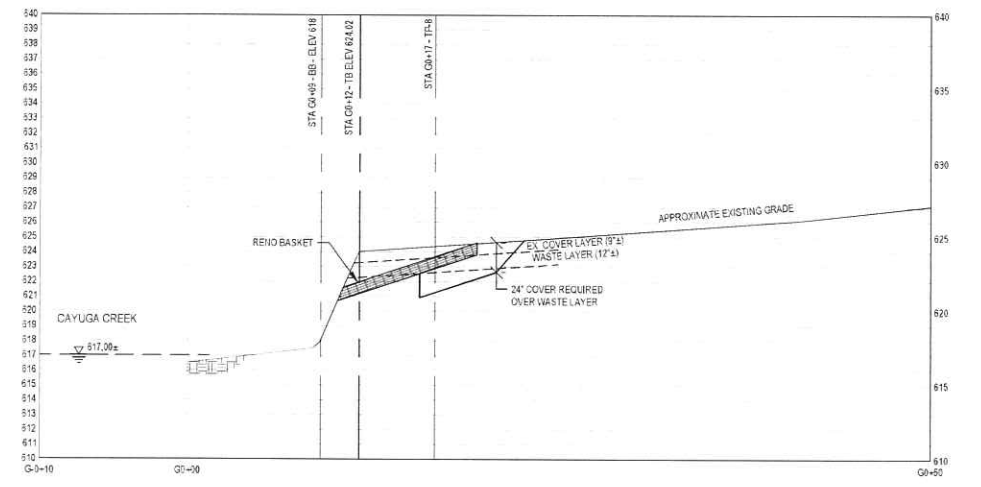
**AREA 3 PLAN**  
SCALE 1" = 20'



**E SECTION**  
SCALE 1" = 5'

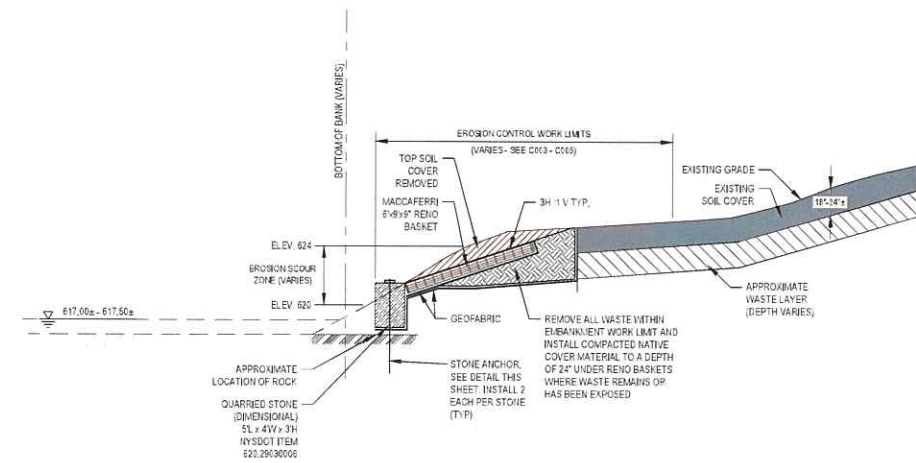


**F SECTION**  
SCALE 1" = 5'

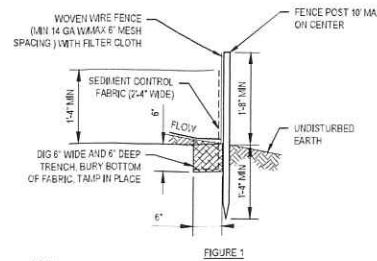


**G SECTION**  
SCALE 1" = 5'

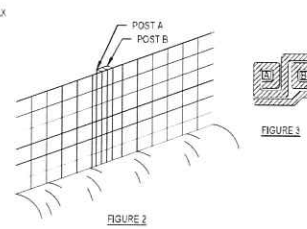
<table border="1"> <tr> <td>8</td> <td>ISSUED FOR BID</td> <td>TED</td> <td>DMB</td> <td>09/18/21</td> </tr> <tr> <td>No.</td> <td>Issue</td> <td>Drawn</td> <td>Approved</td> <td>Date</td> </tr> </table>				8	ISSUED FOR BID	TED	DMB	09/18/21	No.	Issue	Drawn	Approved	Date	<p>Notes</p> <p>Bar is one inch on original scale sheet</p> <p>Route of Documents</p>	<p>GHD Consulting Services Inc. 285 Delaware Avenue, Suite 500 Suffield, NY 14202 USA T: 1 716 856 2142, F: 1 716 856 2160, W: www.ghd.com</p>	<table border="1"> <tr> <td>Drawn</td> <td>C. ROHRICH</td> <td>Designer</td> <td>M. GATES</td> </tr> <tr> <td>Checking</td> <td>T. DAHNER</td> <td>Design Check</td> <td>D. BRITTON</td> </tr> <tr> <td>Project Director</td> <td>R. LANNON</td> <td>Date</td> <td>SEPTEMBER 2021</td> </tr> <tr> <td>Scale</td> <td>AS SHOWN</td> <td>Sheet No.</td> <td>C005</td> </tr> </table>	Drawn	C. ROHRICH	Designer	M. GATES	Checking	T. DAHNER	Design Check	D. BRITTON	Project Director	R. LANNON	Date	SEPTEMBER 2021	Scale	AS SHOWN	Sheet No.	C005	<p>Client: VILLAGE OF DEPEW Project: RECLAMATION EMBANKMENT RESTORATION PROJECT Title: AREA 3 EMBANKMENT RESTORATION PLANS AND SECTIONS Project No.: 11209023 Arch D</p>
8	ISSUED FOR BID	TED	DMB	09/18/21																													
No.	Issue	Drawn	Approved	Date																													
Drawn	C. ROHRICH	Designer	M. GATES																														
Checking	T. DAHNER	Design Check	D. BRITTON																														
Project Director	R. LANNON	Date	SEPTEMBER 2021																														
Scale	AS SHOWN	Sheet No.	C005																														



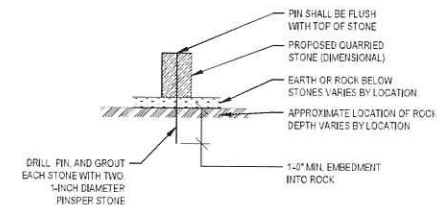
1 TYPICAL EMBANKMENT / EROSION RESTORATION  
SCALE NTS



- NOTES:
- SILT FENCE HEIGHT TO BE 14\"/>



- INSTALLATION SEQUENCE:
- DIG A 6\"/>



2 ARMOR STONE ANCHOR DETAIL  
SCALE NTS

2 SILT FENCE  
SCALE NTS

GENERAL NOTES:

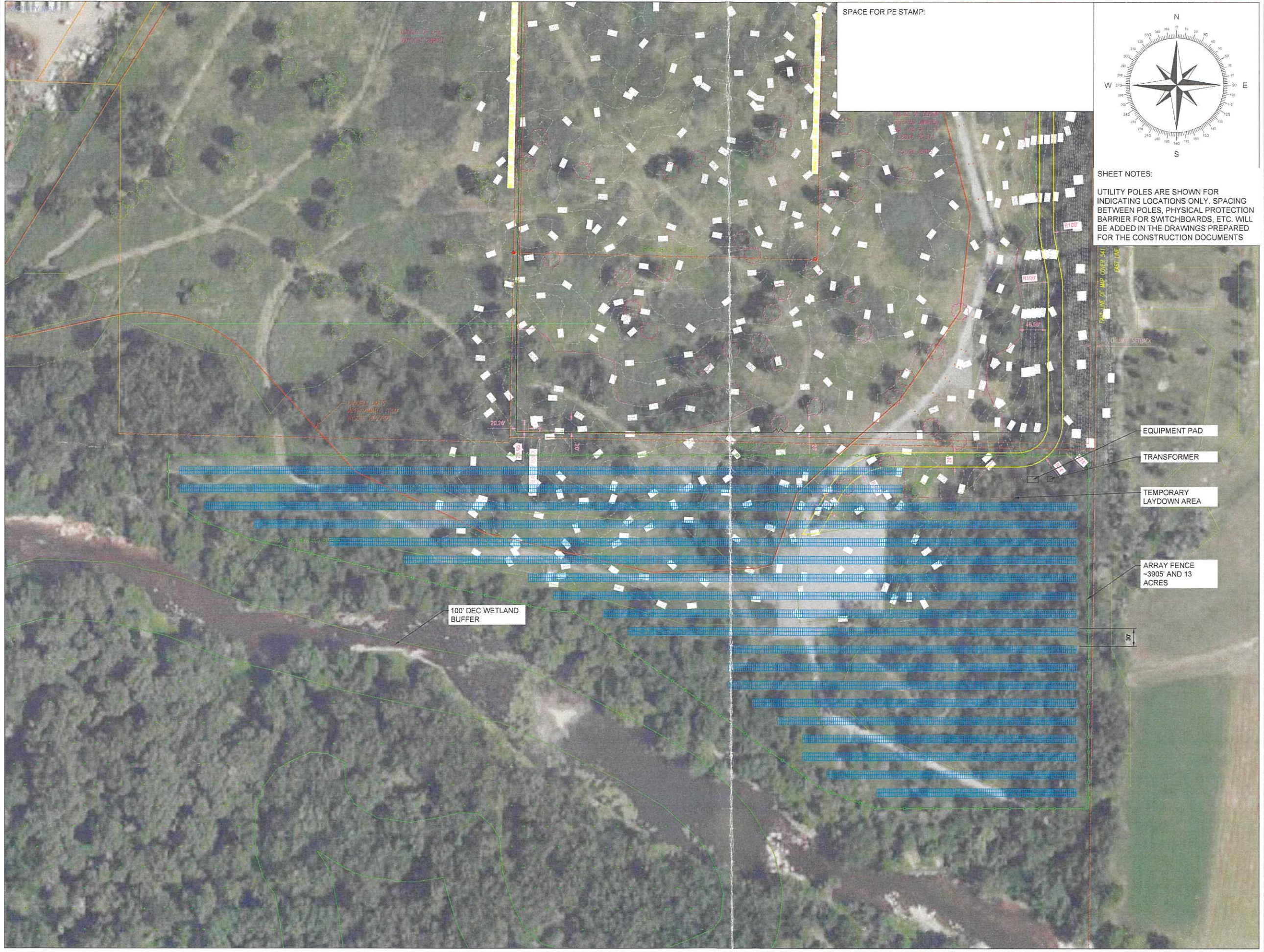
- EXISTING ACCESS ROADS AND PATHS TO THE SITE ARE SHOWN ON THE OVERALL SITE PLAN, SHEET C001. THE CONTRACTOR SHALL UTILIZE THESE AREAS FOR ACCESS TO THE WORK SITES. CONTRACTOR SHALL IMPROVE AND MODIFY THESE ACCESS AREAS AS NECESSARY TO MOBILIZE EQUIPMENT TO THE VARIOUS WORK SITES SHOWN ON THESE CONTRACT DRAWINGS.
- THERE IS AN EXISTING PATHWAY ALONG THE NORTH SIDE OF CAYUGA CREEK THAT SHALL BE UTILIZED BY THE CONTRACTOR FOR ACCESS TO THE WORK SITES. THE PATHWAY MAY NOT BE ADEQUATE FOR SITE ACCESS OR MOBILIZATION OF THE CONTRACTORS EQUIPMENT. THE CONTRACTOR SHALL PROVIDE ANY NECESSARY CLEARING AND GRUBBING, GRADING AND OTHER IMPROVEMENTS TO THE PATHWAY NECESSARY FOR INGRESS AND EGRESS TO THE VARIOUS WORK AREAS. ANY IMPROVEMENTS MADE TO THE PATHWAY SHALL REMAIN INTACT AT THE END OF THE PROJECT.
- THE CONTRACTOR SHALL REMOVE WASTE MATERIALS DURING EXCAVATION AND EMBANKMENT PREPARATION AND GRADING TO THE LIMITS SHOWN ON THE VARIOUS PROFILES INCLUDED ON THESE DRAWINGS. ALL WASTE MATERIALS SHALL BE LOADED, TRANSPORTED, AND UNLOADED AT THE SITE WHERE THE WASTE MATERIALS WILL BE BURIED. ALL BURIED WASTE MATERIALS SHALL HAVE A MINIMUM OF 24 INCHES OF CLEAN BACKFILL MATERIALS INSTALLED OVER THE BURIED WASTE MATERIALS.

<p>Notes</p> <p>1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE NOTED.</p> <p>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.</p>				<p>Scale of Documents</p> <p>This document and the design it represents shall be used for the purpose of construction. It is not to be used for any other purpose without the written consent of the design professional.</p>		<p>Drawn: C. ROHRICH</p> <p>Design: M. GATES</p>		<p>Client: VILLAGE OF DEPEW</p> <p>Project: RECLAMATION EMBANKMENT RESTORATION PROJECT</p>											
<p>Bar is one inch on original size sheet</p> <p>0 1"</p>				<p>Checked: T. DAHMER</p> <p>Design Check: D. BRITTON</p>		<p>Title: DETAILS AND GENERAL NOTES</p>		<p>Project No: 11209023</p>											
<p>Issue Log</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Issue</th> <th>Drawn</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>ISSUED FOR BID</td> <td>TED</td> <td>DMB</td> <td>09/16/21</td> </tr> </tbody> </table>				No.	Issue	Drawn	Approved	Date	1	ISSUED FOR BID	TED	DMB	09/16/21	<p>Project Director: R. LANNON</p> <p>Date: SEPTEMBER 2021</p>		<p>Scale: NTS</p>		<p>Arch: D</p> <p>Sheet No: C006</p>	
No.	Issue	Drawn	Approved	Date															
1	ISSUED FOR BID	TED	DMB	09/16/21															

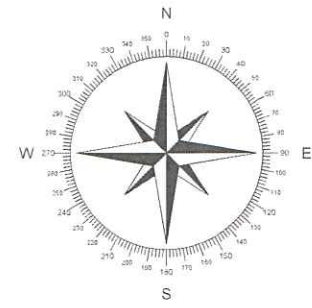


## APPENDIX C

# NATIONAL ENERGY DEVELOPMENT, LLC PROPOSED SITE PLAN



SPACE FOR PE STAMP.



SHEET NOTES:  
 UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS



PROJECT OWNER:  
 NEW ENERGY EQUITY, LLC  
 2530 RIVA ROAD, SUITE 200  
 ANNAPOLIS, MD 21041  
 NEWENERGYEQUITY.COM  
 443-267-5012

PROJECT ADDRESS:  
 4293 BROADWAY,  
 DEPEW, NY 14043

LAT. 42.702149  
 LONG. -78.715719

SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	4.884 MW
SYSTEM SIZE AC	4.00 MW
DC/AC RATIO	1.221
AZIMUTH	180°
TILT	30°
MODULE COUNT	8880
MODULE TYPE	TRINA 550 BIFACIALS
MODULE STC RATING	550 W
INVERTER COUNT	32
INVERTER TYPE	CPS SCA125KTL-00JUS
INVERTER POWER	125KW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA	
MIN/MAX TEMP.	-20°C / 32°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	50 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES  
 INTERCONNECTION TYPE: PRIMARY

REVISIONS			
#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	IR	10/5/2021
1			
2			
3			
4			
5			
6			
7			

DRAWN BY  
 ISHA REGE

PROJECT NAME  
 4293 BROADWAY - 2

DRAWING TITLE  
 SITE PLAN

SCALE<sup>1</sup>  
 1" = 70'

SHEET  
**PV1**



**APPENDIX D**  
**PHOTOGRAPHS**

## PROJECT PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 1: Area 1 Embankment Restoration

Photo 2: Area 2 Embankment Restoration

Photo 3: Area 3 Embankment Restoration

Photo 4: Location of Covered Relocated Waste Stockpile

# PROJECT PHOTOGRAPHS (Cont.)

Photo 5:



Photo 6:



Photo 7:



Photo 5: Area 1 Embankment Restoration

Photo 6: Area 2 Embankment Restoration

Photo 7: Area 3 Embankment Restoration