



ADVANCED SITE RESTORATION

ENVIRONMENTAL SERVICES
(A DIVISION OF LAUREL ENVIRONMENTAL GEOSCIENCES, D.P.C.)

December 13, 2024

New York State Department of Environmental Conservation
Superfund and Brownfield Cleanup Section, Region 2
Division of Environmental Remediation
Attention: Hasan Ahmed
47-40 21st Street, Long Island City, NY 11101

Re: Nassau Metals, OU-2
Voluntary Cleanup Program Site No. V00159
June 2024 Renovations Report
ASR Project #A22-115

Dear Mr. Ahmed,

Advanced Site Restoration (“ASR”), a division of Laurel Environmental Geosciences (“Laurel”) is submitting this report documenting the renovation work that was performed on the Nassau Metals, Operable Unit No. 2 (the “Site”) in accordance with the New York State Department of Environmental Conservation (“NYSDEC”)-approved work plan, dated June 20, 2024. The ground intrusive work was completed on June 21, 2024, and the capping system was restored by June 28, 2024. The location of the work area is shown on the attached Figure 1 and the proposed plans are included in Appendix A.

Modifications to the Capping System

The following modifications to the capping system were performed:

- The on-grade patio was determined to be placed on top of the pre-construction cap and was removed without disturbing the pre-existing capping system.
- A concrete stairway was demolished. The concrete stairway was part of the pre-construction concrete cap.
- A concrete ramp was demolished. The concrete ramp was part of the pre-construction concrete cap. Pea gravel was encountered inside of the concrete ramp, and some of this material was reused in the dumpster area west of the pickleball courts as shown on the attached Figure 2.
- The top 2 inches of the existing pre-construction asphalt cap was milled, and asphalt was imported to raise the grade approximately 6 to 8 inches and level the area. The imported asphalt was added to the capping system in the footprint of the ramp, stairway, and patio.

Asphalt was sourced from City Asphalt, located at 1900 South Ave, Staten Island, New York. Approximately 40 cubic yards of construction and demolition debris was disposed of at South Shore Recycling, LLC. d/b/a South Shore Material & Supply, Inc., located at 18 Zarelli Court (aka 327 Industrial Loop), Staten Island, New York, a NYSDEC Part 360 registered facility (ID # 43M56), and T. M. Maintenance, Inc. d/b/a Staten Island Recycling, located at 451 Spencer St, Staten Island, NY, a NYSDEC Part 360 registered facility (ID #43W46). The disposal tickets are included in Appendix B. No soil or other solid waste was generated or disposed of as part of this work.





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ASR Oversight

ASR provided Qualified Environmental Professional (“QEP”) oversight and implemented the Community Air Monitoring Program (“CAMP”) for the Site during the demolition work. All work was documented in the daily report dated June 21, 2024. **ASR** confirmed that no organic material was encountered or exposed as part of the planned renovations, and that no exceedances of the CAMP limits occurred. The concrete ramp and stairways were determined to have been constructed on top of the pre-construction concrete and asphalt caps, and the existing demarcation barriers (the pre-construction concrete and asphalt caps) were not breached at any time during this work. As such, the pre-construction concrete and asphalt caps will continue to serve as the demarcation barriers in this area of the Site. A photo log documenting the work performed is included in Appendix C.

Capping System Modification / Restoration

As previously described, the pre-construction concrete and asphalt caps in this area of the Site were modified through the addition of approximately 6 to 8 inches of asphalt on top of the existing demarcation barriers. No material other than asphalt was imported to the Site as part of the capping system modification.

The updated as-builts will be included in the 2024 Periodic Review Report (“PRR”) for the Site. The capping system was restored in accordance with Detail 9 of the 2018 As-Built Drawings (Typical As-Built Asphalt Added TO Existing Asphalt Cap). The restored cap consists of a pre-existing demarcation barrier, asphalt millings, bituminous base course, and a bituminous top course and is greater than 6 inches in combined thickness.

Please let us know if you have any questions or need additional information.

Respectfully submitted,

Jamie Burgher
Project Manager, Geologist III
Advanced Site Restoration

Appendices

Figure 1.0: Location of Work Area

Figure 2.0: Location of the Reused Material

Appendix A: DOB Approved Plans

Appendix B: Disposal Tickets for C&D Debris

Appendix C: Photo Log





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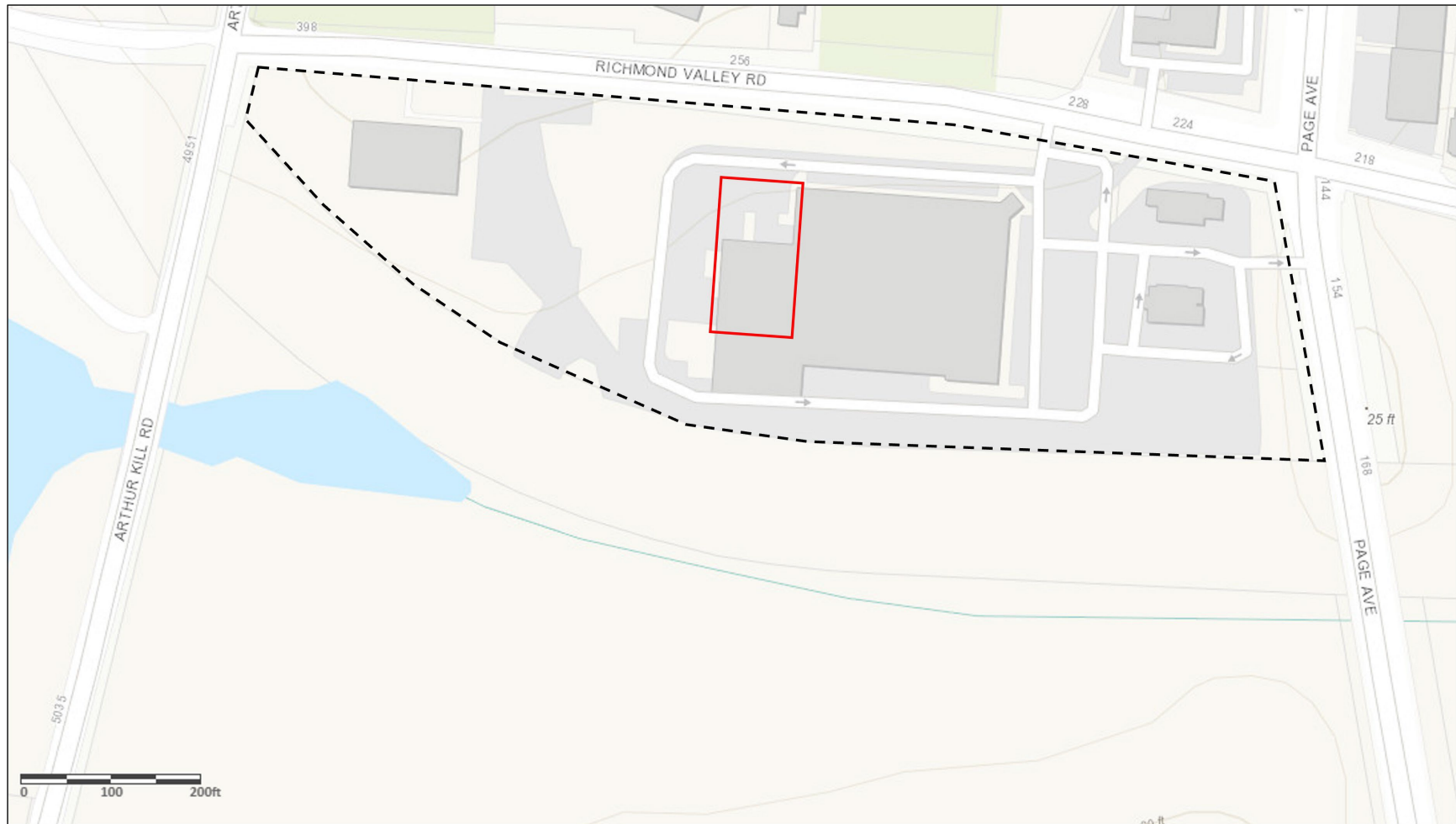
I, Dan Noll, certify that the restoration of the capping system to be conducted on June 28, 2024, at the Nassau Metals OU-2 Site, was overseen by myself, a New York State Registered Professional Engineer, and performed in compliance with the Site Management Plan and approved Excavation Work Plan.

Dan Noll, PE
LaBella Associates
VP, Environmental Technical Manager

12/13/2024
Date



FIGURES



53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 1.0

Location of Work Area

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115
DRAWING DATE: 6/4/24
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: N/A

KEY

- Site Boundary
- Work Area





53 West Hills Road
Huntington Station, NY 11746

PHONE: 631-673-0612
FAX: 631-427-5323

WWW.ASKASR.COM

FIGURE 2.0

Location of Reused Material

Nassau Metals OU-2,
286 Richmond Valley Road,
Staten Island, NY.

PROJECT: A22-115

DRAWING DATE: 12/5/24

DRAWN BY: CG

CHECKED BY: JB

REVISIONS:

KEY

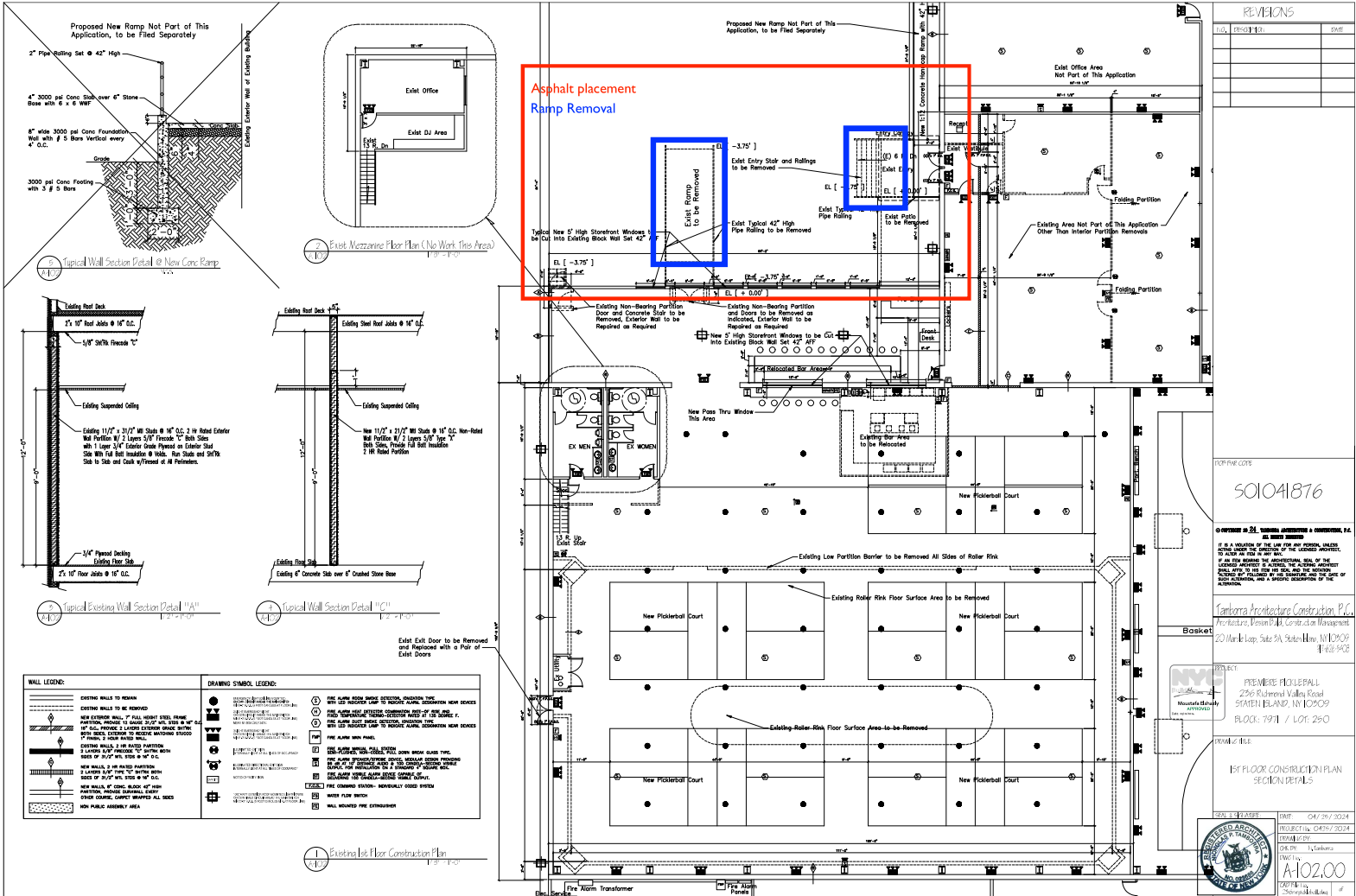
- - - Site Boundary

□ Reused Material Location



APPENDIX A

DOB Approved Plans



APPENDIX B

Disposal Tickets for C&D Debris

South Shore Materials #119440

327 Industrial Loop • Staten Island, New York 10309

718-494-8973 • Fax: 718-477-0887

Mammoth

6-22 20 *24*

SHIPPED FROM

236 Leonard Ave Rd

NAME

American Materials

ADDRESS

TRUCK NO.

302

DELIVERY

MATERIAL IN

MATERIAL OUT

	SAND	CU. YARD	
	3/4" STONE (REC) (BLUE)	CU. YARD	
	ASPHALT	CU. YARD	
	CLEAN FILL	CU. YARD	
	3/4" BLEND	CU. YARD	
	TOP SOIL/LANDSCAPE MIX	CU. YARD	
<i>20</i>	CONCRETE	CU. YARD	<i>Legends 711</i>
	COMPOST	CU. YARD	
	1/4 FINES	CU. YARD	
	OVERSIZED STONE	CU. YARD	
	MULCH	CU. YARD	

RECEIVED BY

[Signature]



d/b/a

334758

(718) 477-DUMP (3867) • (718) 761-2984

Fax: (718) 370-9560

236 Richmond Valley

6.24.24

American Koll-o

4331

American Materials N.Y.

236 Rich
valley rd
mammoth

Thank You

APPENDIX C

Photo Log



Photo 1: View of the work zone, facing south



Photo 2: View of the concrete stairway being demolished



Photo 3: View of the crushed stone encountered in the void space beneath the stairs



Photo 4: View of pea gravel encountered in the void space beneath the stairs



Photo 5: View of asphalt surface beneath the former stairs



Photo 6: View of concrete ramp being demolished



Photo 7: View of pea gravel encountered in the void space beneath the concrete ramp



Photo 8: View of concrete surface beneath the former concrete ramp



Photo 9: View of asphalt being placed on the pre-construction capping system(s)



Photo 10: View of finished pickleball courts



Photo 10: View of the reused material from the ramp in the dumpster area