



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
WATER RESOURCES DIVISION



PHILLIP D. ROOS  
DIRECTOR

January 16, 2026

VIA EMAIL

Rob Wilson  
AMC-WSG, LLC  
1955 East Lakeville Road  
Oxford, Michigan 48371

Dear Rob Wilson:

SUBJECT: Draft Permit for Countersignature  
Submission Number: HPB-72AQ-79WYR  
County: Washtenaw

The Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division (WRD), has reviewed the above referenced application for permit pursuant to Part 301, Inland Lakes and Streams, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. The purpose of the project, as depicted in your application, is to create a lake approximately 60 acres in size, for the purpose of commercial sand and gravel mining.

The WRD has considered, among other pertinent concerns, the purpose and intended use of the project in relation to its placement, resource impacts, and site conditions. We have determined that the project as proposed can be permitted. However, the permit will require monitoring of groundwater levels of adjacent wetlands and waterbodies to ensure the lake creation does not have unplanned adverse impacts to these resources. Per condition 2 of the draft permit, a resource monitoring plan must be submitted to EGLE within 90 days. Additionally, EGLE will be requiring a financial assurance to ensure that monitoring is conducted in accordance with the permit requirements. Enclosed is a draft permit that requires a countersignature.

This permit does not resolve violations related to off-site sediment discharges to wetlands and Lake Massey as described in Violation Notice number VN-014898 and other correspondence. WRD has previously advised that resolution of these violations would be revisited once the review of this permit application was completed. WRD will contact you to set up a meeting to discuss resolution of these matters.

Carefully review and fully understand the draft permit and all of its associated terms and conditions. As the permittee, you are responsible for assuring that the project is completed as authorized and in compliance with permit requirements. If you agree to all of the terms and conditions, sign the draft permit in the space provided, initial each of the drawings, and return the entire document, approved monitoring plan, and financial assurance to our office within 90 days of the date of this letter.

Rob Wilson  
AMC-WSG LLC  
Page 2  
January 16, 2026

This permit is not valid until signed by an official of the WRD. Upon return of the signed and initialed document and other required items, the WRD will issue the permit in a timely manner and return a signed copy to you. Construction activity is not authorized to begin until a valid permit is held at the project site. If you do not return the signed and initialed document by the required date, an application denial letter will be sent to you.

If you have any questions regarding the specifics of this draft permit, please contact me at 517-257-4532; [BalesJ@Michigan.gov](mailto:BalesJ@Michigan.gov); or EGLE, WRD, Jackson District Office, P.O. Box 30458, Lansing, Michigan 48909-7958. Please include your submission number, HPB-72AQ-79WYR, in your response.

Sincerely,



James Bales  
Environmental Quality Analyst  
Water Resources Division

Enclosure

cc/enc: Leslie Nelson, Haley & Aldrich of Michigan, Inc. (via email)  
Amy Lounds, EGLE (via email)  
Kyle Alexander, EGLE (via email)  
Jeff Pierce, EGLE (via email)



**MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY  
WATER RESOURCES DIVISION  
PERMIT**

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**Issued To:**

**AMC-WSG LLC  
Attn: Rob Wilson  
1955 East Lakeville Road  
Oxford, Michigan 48371**

**Permit No: WRP047682 v.1  
Submission No.: HPB-72AQ-79WYR  
Site Name: AMC-WSG, LLC - Vella Pit  
Issued: DRAFT  
Revised:  
Expires: DRAFT**

**This permit is being issued by the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division, under the provisions of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); specifically:**

- |                                                                                                       |                                                                                |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> <b>Part 301, Inland Lakes and Streams</b>                         | <input type="checkbox"/> <b>Part 323, Shorelands Protection and Management</b> |
| <input type="checkbox"/> <b>Part 303, Wetlands Protection</b>                                         | <input type="checkbox"/> <b>Part 325, Great Lakes Submerged Lands</b>          |
| <input type="checkbox"/> <b>Part 315, Dam Safety</b>                                                  | <input type="checkbox"/> <b>Part 353, Sand Dunes Protection and Management</b> |
| <input type="checkbox"/> <b>Part 31, Water Resources Protection (Floodplain Regulatory Authority)</b> |                                                                                |

**EGLE certifies that the activities authorized under this permit are in compliance with the State Coastal Zone Management Program and certifies without conditions under the Federal Clean Water Act, Section 401 that the discharge from the activities authorized under this permit will comply with Michigan’s water quality requirements in Part 31, Water Resources Protection, of the NREPA and associated administrative rules, where applicable.**

**Permission is hereby granted, based on permittee assurance of adherence to State of Michigan requirements and permit conditions, to:**

**Authorized Activity:**

Excavate approximately 7,300,000 cubic yards of material from below the water table to create a lake for the purpose of sand and gravel mining. The lake shall be approximately 60 acres in size upon project completion. The depth of the lake shall be approximately 50 feet deep upon completion. All excavation shall be done in the “wet” with no dewatering or pumping of groundwater/surface water. No surface water outlet from the lake shall be utilized.

All work shall be completed in accordance with the approved plans and the specifications of this permit.

Waterbody Affected: Lake Creation

Property Location: Washtenaw County, Ann Arbor Township, T02S, R06E, Section 01  
Property Tax No. I -09-01-200-002

**Authority granted by this permit is subject to the following limitations:**

- A. Initiation of any work on the permitted project confirms the permittee's acceptance and agreement to comply with all terms and conditions of this permit.
- B. The permittee, in exercising the authority granted by this permit, shall not cause unlawful pollution as defined by Part 31 of the NREPA.
- C. This permit shall be kept at the site of the work and available for inspection at all times during the duration of the project or until its date of expiration.
- D. All work shall be completed in accordance with the approved plans and specifications submitted with the application and/or plans and specifications attached to this permit.
- E. No attempt shall be made by the permittee to forbid the full and free use by the public of public waters at or adjacent to the structure or work approved.
- F. It is made a requirement of this permit that the permittee give notice to public utilities in accordance with 2013 PA 174 (Act 174) and comply with each of the requirements of Act 174.
- G. This permit does not convey property rights in either real estate or material, nor does it authorize any injury to private property or invasion of public or private rights, nor does it waive the necessity of seeking federal assent, all local permits, or complying with other state statutes.
- H. This permit does not prejudice or limit the right of a riparian owner or other person to institute proceedings in any circuit court of this state when necessary to protect his rights.
- I. Permittee shall notify EGLE within one week after the completion of the activity authorized by this permit by completing and forwarding the attached preaddressed postcard to the office addressed thereon.
- J. This permit shall not be assigned or transferred without the written approval of EGLE.
- K. Failure to comply with conditions of this permit may subject the permittee to revocation of permit and criminal and/or civil action as cited by the specific state act, federal act, and/or rule under which this permit is granted.
- L. All dredged or excavated materials shall be disposed of in an upland site (outside of floodplains, unless exempt under Part 31 of the NREPA, and wetlands).
- M. In issuing this permit, EGLE has relied on the information and data that the permittee has provided in connection with the submitted application for permit. If, subsequent to the issuance of a permit, such information and data prove to be false, incomplete, or inaccurate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
- N. The permittee shall indemnify and hold harmless the State of Michigan and its departments, agencies, officials, employees, agents, and representatives for any and all claims or causes of action arising from acts or omissions of the permittee, or employees, agents, or representative of the permittee, undertaken in connection with this permit. The permittee's obligation to indemnify the State of Michigan applies only if the state: (1) provides the permittee or its designated representative written notice of the claim or cause of action within 30 days after it is received by the state, and (2) consents to the permittee's participation in the proceeding on the claim or cause of action. It does not apply to contested case proceedings under the Administrative Procedures Act, 1969 PA 306, as amended, challenging the permit. This permit shall not be construed as an indemnity by the State of Michigan for the benefit of the permittee or any other person.

- O. Noncompliance with these terms and conditions and/or the initiation of other regulated activities not specifically authorized shall be cause for the modification, suspension, or revocation of this permit, in whole or in part. Further, EGLE may initiate criminal and/or civil proceedings as may be deemed necessary to correct project deficiencies, protect natural resource values, and secure compliance with statutes.
- P. If any change or deviation from the permitted activity becomes necessary, the permittee shall request, in writing, a revision of the permitted activity from EGLE. Such revision request shall include complete documentation supporting the modification and revised plans detailing the proposed modification. Proposed modifications must be approved, in writing, by EGLE prior to being implemented.
- Q. This permit may be transferred to another person upon written approval of EGLE. The permittee must submit a written request to EGLE to transfer the permit to the new owner. The new owner must also submit a written request to EGLE to accept transfer. The new owner must agree, in writing, to accept all conditions of the permit. A single letter signed by both parties that includes all the above information may be provided to EGLE. EGLE will review the request and, if approved, will provide written notification to the new owner.
- R. Prior to initiating permitted construction, the permittee is required to provide a copy of the permit to the contractor(s) for review. The property owner, contractor(s), and any agent involved in exercising the permit are held responsible to ensure that the project is constructed in accordance with all drawings and specifications. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by the permit.
- S. Construction must be undertaken and completed during the dry period of the wetland. If the area does not dry out, construction shall be done on equipment mats to prevent compaction of the soil.
- T. Authority granted by this permit does not waive permit requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA, or the need to acquire applicable permits from the County Enforcing Agent (CEA).
- U. Authority granted by this permit does not waive permit requirements under the authority of Part 305, Natural Rivers, of the NREPA. A Natural Rivers Zoning Permit may be required for construction, land alteration, streambank stabilization, or vegetation removal along or near a natural river.
- V. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
- W. Unless specifically stated in this permit, construction pads, haul roads, temporary structures, or other structural appurtenances to be placed in a wetland or on bottomland of the water body are not authorized and shall not be constructed unless authorized by a separate permit or permit revision granted in accordance with the applicable law.
- X. For projects with potential impacts to fish spawning or migration, no work shall occur within fish spawning or migration timelines (i.e., windows) unless otherwise approved in writing by the Michigan Department of Natural Resources, Fisheries Division.
- Y. Work to be done under authority of this permit is further subject to the following special instructions and specifications:
  - 1. The property owner, contractor(s), and any agent involved in exercising this permit are held responsible to ensure the project is constructed in accordance with all drawings and specifications contained in this permit. The contractor is required to provide a copy of the permit to all subcontractors doing work authorized by this permit.

2. The permittee shall monitor wetlands and waterbodies adjacent to permitted activities (offsite) for measurable adverse impacts. Prior to commencing permitted activities, the permittee shall:
  - a. Within 90 days of draft permit issuance, the permittee shall prepare and submit an approvable resource monitoring plan to EGLE for review and approval. The approvable monitoring plan document will be provided and accepted by EGLE prior to signature of this permit by EGLE.
  - b. A monitoring report, which compiles and summarizes data collected during the monitoring period, shall be submitted annually by the permittee. Monitoring reports shall cover the period of January 1 through December 31 and be submitted to EGLE prior to January 31 of the following year.
3. If monitoring data reveals that adjacent wetlands or waterbodies have been measurably or adversely impacted, the permittee shall assess the extent of the wetland impacts and notify EGLE within 48 hours. Based on the extent of the impacts, EGLE may require the permittee to submit an adaptive management plan to eliminate measurable adverse impacts, and/or a mitigation plan that may include purchase of wetland bank credits, and/or require a permit modification. Depending on the extent of the offsite wetland or waterbody impacts, the permittee may be required to implement additional strategies to eliminate the potential for these impacts.
4. The permittee shall provide a surety bond or letter of credit to EGLE in a form identical to the financial assurance models on EGLE's Web site at [www.michigan.gov/wetlands](http://www.michigan.gov/wetlands) in an amount of \$XXX,XXX (to be determined) to ensure that monitoring is performed and the lake creation does not result in impacting nearby wetlands and waterbodies. The financial assurance document will be provided and accepted by EGLE prior to signature of this permit by EGLE.
  - a. The financial instrument will be released upon completion of the project following successful execution of the monitoring plan and monitoring demonstrates that the adjacent wetlands and waterbodies have not been adversely impacted, or mitigation bank credits have been purchased to mitigate for impacts.
5. Prior to the initiation of any permitted construction activities, a sedimentation barrier (e.g., silt fence, straw bale barrier, etc.) shall be constructed immediately downgradient of the construction site. Sedimentation barriers shall be specifically designed to handle the sediment type, load, water depth, and flow conditions of each construction site throughout the anticipated time of construction and unstable site conditions. The sedimentation barrier shall be maintained in good working order throughout the duration of the project. Upon project completion, the accumulated materials shall be removed and disposed of at an upland (i.e., non-wetland, non-floodplain, non-bottomland) site and stabilized with seed and mulch. The sedimentation barrier shall then be removed in its entirety and the area restored to its original configuration and cover. In the event there is a problem with the sedimentation barrier, and a failure to contain the sediments from leaving the project site, the project shall be immediately stopped, evaluated, and appropriate measures shall be taken to stop the release of sediments/turbidity. The permittee, agent, or contractor shall immediately notify the EGLE representative through MiEnviro Schedules of Compliance submission, or via phone or email at 517-257-4532 or [BalesJ@Michigan.gov](mailto:BalesJ@Michigan.gov), on the turbidity curtain failure and the measures being taken to stop the release of sediments/turbidity.

6. All raw areas in uplands resulting from the permitted construction activity shall be effectively stabilized with sod and/or seed and mulch (or other technology specified by this permit or project plans) in a sufficient quantity and manner to prevent erosion and any potential siltation to surface waters or wetlands. Temporary stabilization measures shall be installed before or upon commencement of the permitted activity, and shall be maintained until permanent measures are in place. Permanent measures shall be in place within five (5) days of achieving final grade.
7. A stormwater discharge permit may be required under the Federal Clean Water Act for construction activities that disturb one or more acres of land and discharge to surface waters. For sites over five (5) acres, the permit coverage may be obtained by a Part 91, Soil Erosion and Sedimentation Control (SESC) permit, or coverage as an Authorized Public Agency (APA), and filing a "Notice of Coverage" form to EGLE's Water Resource Division. For sites with disturbance from one acre up to five acres, stormwater coverage is automatic once the SESC permit is obtained or if work is being conducted by an APA. These one to five acre sites are not required to apply for coverage but are required to comply with stormwater discharge permit requirements. Information on the stormwater discharge permit is available from the Water Resource Division's Stormwater Permit Program at [www.michigan.gov/soilerosion](http://www.michigan.gov/soilerosion) under the "Construction Stormwater Info".
8. The permittee is cautioned that grade changes resulting in increased runoff onto adjacent property is subject to civil damage litigation.
9. The permittee is cautioned that impacts to the aquifers of adjacent properties as a result of this lake development are subject to civil damage litigations.
10. Dewatering is not authorized by this permit.
11. No connection of the lake to surface waters of the state is authorized by this permit.
12. No fill, excess soil, or other material shall be placed in the 100-year floodplain, or any wetland or surface water area not specifically authorized by this permit, its plans, and specifications.
13. In issuing this permit, EGLE has relied on the information and data which the permittee has provided in connection with the permit application. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete or inaccurate, or additional information demonstrates that the spoils are causing environmental contamination, or that new State or Federal regulations are promulgated which cause this disposal to be inappropriate, EGLE may modify, revoke, or suspend the permit, in whole or in part, in accordance with the new information.
14. Dredged material, including organic and inorganic sediment, vegetation, and other material removed from bottomlands, shall not be placed in any wetland, floodplain or critical dune, or below the ordinary high-water mark of any inland lake, Great Lake, or stream. Dredged material placed on upland shall be stabilized in such a manner to prevent erosion of any material into any waterbody, including wetlands, or floodplain.

15. The permittee is advised of other potential requirements and legal liabilities under other statutes for placement of dredge material on upland and is responsible for compliance with all applicable local, state, and federal regulations. Please review the information under Dredging Documents at the attached link: [https://www.michigan.gov/deq/0,4561,7-135-3312\\_4123-14201--,00.html](https://www.michigan.gov/deq/0,4561,7-135-3312_4123-14201--,00.html)
16. This permit does not authorize any future expansion of the mine or any extension of operations with the potential to result in additional direct, indirect or cumulative impacts to wetlands.
17. At the end of five (5) years, the permittee shall apply to EGLE for a new Part 301, Inland Lakes and Streams/Part 303, Wetlands Protection permit to continue sand and gravel mining at this site.
18. If the life of mine is projected to extend past the life of this permit, a new permit will be required for impacts to aquatic resources regulated under Part 301, Inland Lakes and Streams, of the NREPA, including, but not limited to, the drawdown or dewatering of regulated aquatic resources. All work authorized by this permit shall be completed in accordance with the approved plans and specifications.
19. This permit is limited to authorizing the construction as specified above and carries with it no assurances or implications that associated lake, stream, wetland, or floodplain areas can be developed and/or serviced by the structures authorized by this permit.
20. This permit is issued after-the-fact and authorizes only the construction as specified above. This permit does not authorize or sanction other work that has been completed in violation of applicable federal, state, or local statutes.
21. The local unit of government in which this project site is located has a wetland ordinance. Authority granted by this permit does not waive permit requirements or the need to obtain a separate permit from the local unit of government.
22. Authority granted by this permit does not waive permit or program requirements under Part 91, Soil Erosion and Sedimentation Control, of the NREPA or the need to acquire applicable permits from the CEA. To locate the Soil Erosion Program Administrator for your county, visit <https://www.michigan.gov/egle/about/organization/water-resources/soil-erosion/sesc-overview> and select "Soil Erosion and Sedimentation Control Agencies".
23. The authority to conduct the activity as authorized by this permit is granted solely under the provisions of the governing act as identified above. This permit does not convey, provide, or otherwise imply approval of any other governing act, ordinance, or regulation, nor does it waive the permittee's obligation to acquire any local, county, state, or federal approval or authorization necessary to conduct the activity.
24. This permit does not authorize or sanction work that has been completed in violation of applicable federal, state, or local statutes.
25. The permit placard shall be kept posted at the work site in a prominent location at all times for the duration of the project or until permit expiration.

26. This permit is being issued for the maximum time allowed and no extensions of this permit will be granted. Initiation of the construction work authorized by this permit indicates the permittee's acceptance of this condition. The permit, when signed by EGLE, will be for a five-year period beginning on the date of issuance. If the project is not completed by the expiration date, a new permit must be sought.

27. Upon signing by the permittee named herein, this permit must be returned to EGLE's Water Resources Division, Jackson District Office for final execution. This permit shall become effective on the date of the EGLE representative's signature.

Permittee hereby accepts and agrees to comply with the terms and conditions of this permit.

X

\_\_\_\_\_  
Permittee

\_\_\_\_\_  
Date

X

\_\_\_\_\_  
Printed Name and Title of Permittee

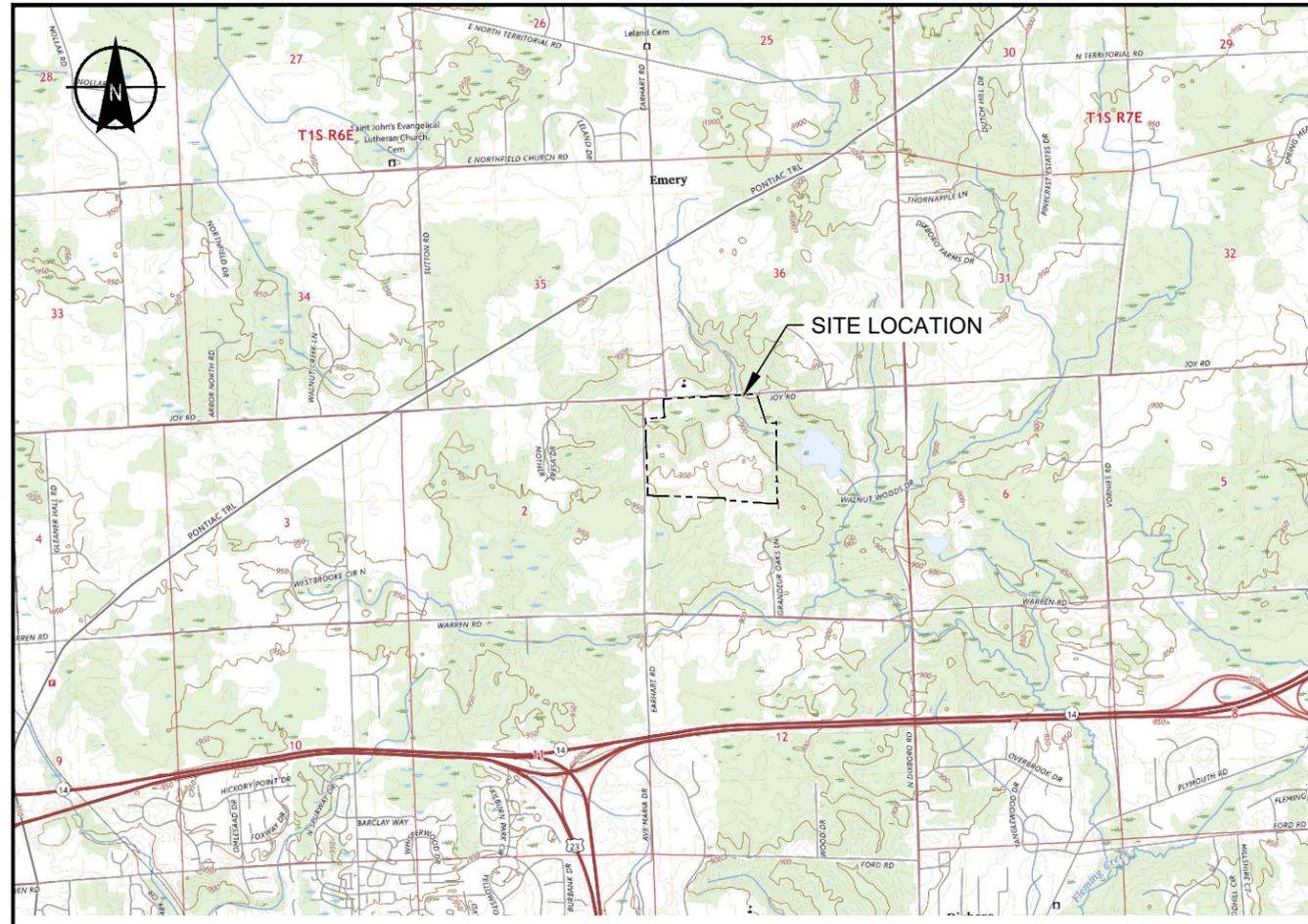
Issued By: \_\_\_\_\_

James Bales  
Jackson District Office  
Water Resources Division  
517-257-4532

- cc: Ann Arbor Township Clerk
- Washtenaw County Water Resources Commissioner
- Leslie Nelson, Haley & Aldrich of Michigan, Inc.
- Amy Lounds, EGLE
- Kyle Alexander, EGLE
- Jeff Pierce, EGLE
- Elana Bruursema, EGLE
- Megan Cameron, EGLE
- Lena Pappas, EGLE
- Mike Pennington, EGLE

# VELLA PIT PART 301 APPLICATION FOR PERMIT

**SITE ADDRESS:  
4984 EARHART RD.  
ANN ARBOR, MICHIGAN  
TOWNSHIP 02 SOUTH, RANGE 06 EAST**



**SITE LOCUS**  
TOPO SOURCE: USGS TOPOGRAPHIC MAP, ANN ARBOR EAST, MICHIGAN QUADRANGLE (2023).  
0 2000 4000  
SCALE IN FEET



**SITE AERIAL**  
MAP SOURCE: NEARMAP, 2023  
0 500 1000  
SCALE IN FEET

**FOR PERMITTING  
PURPOSES  
ONLY**

Project No.:	0207666_003
Scale:	AS SHOWN
Date:	23 OCTOBER 2023
Drawn By:	JD
Designed By:	JD
Checked By:	OS
Approved By:	LN
Stamp:	

DRAWING INDEX		
SHEET NO.	SHEET TITLE	DESCRIPTION
1	G-100	TITLE SHEET AND DRAWING INDEX
2	C-100	EXISTING CONDITIONS
3	C-101	PRE-2020 CONDITIONS
4	C-102	CROSS SECTIONS
5	C-103	WETLAND LOCATION PLAN
6	C-104	WELL LOCATION PLAN
7	C-105	CONCEPTUAL RECLAMATION PLAN
8	C-106	RECLAMATION CROSS SECTIONS

Rev.	Description	By	Date

VELLA PIT PART 301  
APPLICATION FOR PERMIT  
4984 EARHART RD.  
ANN ARBOR, MICHIGAN

TITLE SHEET AND  
DRAWING INDEX

**G-100**

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 APPLICATION\\0207666\_003\_C-100.DWG



**LEGEND**

- SITE BOUNDARY
- PARCEL BOUNDARY
- TOPOGRAPHIC CONTOURS 5-FT INTERVAL
- ORDINARY HIGH WATER MARK

**NOTES**

- LOCATIONS OF BUILDINGS AND STRUCTURES ARE APPROXIMATE.
- TOPOGRAPHIC CONTOUR SOURCE: SURVEY PERFORMED BY PEA GROUP, 20 OCTOBER 2023. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT.
- AERIAL IMAGERY SOURCE: NEARMAP, 2 OCTOBER 2023.
- SLOPES AND BATHYMETRIC CONDITIONS OF PONDS 1 AND 2 ARE NOT EXPECTED TO CHANGE UNTIL FUTURE MINING OF THESE AREAS TO REACH FINAL EXTENT SHOWN IN SHEET C-105.
- SLOPE AND BATHYMETRIC CONDITIONS OF PONDS 3 AND 4 ARE EXPECTED TO CHANGE DUE TO CURRENT MINING ACTIVITIES.

**HALEY ALDRICH**  
 HALEY & ALDRICH OF MICHIGAN, INC  
 455 E. Eisenhower Parkway, Suite 210  
 Ann Arbor, MI 48108-3323  
 Tel: 734.887.8400  
 www.haleyaldrich.com

PREPARED FOR:  
 AMC-WSG LLC  
 6966 FISHER ROAD  
 JEDDO, MI

**FOR PERMITTING PURPOSES ONLY**

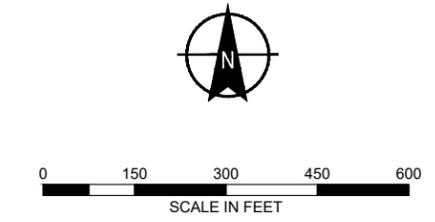
Project No.: 0207666\_003  
 Scale: AS SHOWN  
 Date: 23 OCTOBER 2023  
 Drawn By: JD  
 Designed By: JD  
 Checked By: OS  
 Approved By: LN  
 Stamp:

Rev.	Description	By	Date

VELLA PIT PART 301  
 APPLICATION FOR PERMIT  
 4984 EARHART RD.  
 ANN ARBOR, MICHIGAN

EXISTING CONDITIONS

**C-100**  
 Sheet: 2 of 8



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- LEGEND**
- SITE BOUNDARY
  - PARCEL BOUNDARY
  - TOPOGRAPHIC CONTOURS 5-FT INTERVAL
  - ORDINARY HIGH WATER MARK
- CROSS SECTION

- NOTES**
1. LOCATIONS OF BUILDINGS AND STRUCTURES ARE APPROXIMATE.
  2. TOPOGRAPHIC CONTOUR SOURCE: 2016 - 2017 NRCS 30 COUNTY MI LIDAR. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT. VERTICAL DATUM IS NAVD88.
  3. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2019.
  4. SLOPES AND BATHYMETRIC CONDITIONS OF PONDS 1 AND 2 ARE NOT EXPECTED TO CHANGE UNTIL FUTURE MINING OF THESE AREAS TO REACH FINAL EXTENT SHOWN IN SHEET C-105.
  5. SLOPE AND BATHYMETRIC CONDITIONS OF PONDS 3 AND 4 ARE EXPECTED TO CHANGE DUE TO CURRENT MINING ACTIVITIES.

**HALEY ALDRICH**

HALEY & ALDRICH OF MICHIGAN, INC  
 455 E. Eisenhower Parkway,  
 Suite 210  
 Ann Arbor, MI 48108-3323  
 Tel: 734.887.8400  
 www.haleyaldrich.com

PREPARED FOR:  
 AMC-WSG LLC  
 6966 FISHER ROAD  
 JEDDO, MI

**FOR PERMITTING PURPOSES ONLY**

Project No.: 0207666\_003  
 Scale: AS SHOWN  
 Date: 23 OCTOBER 2023  
 Drawn By: JD  
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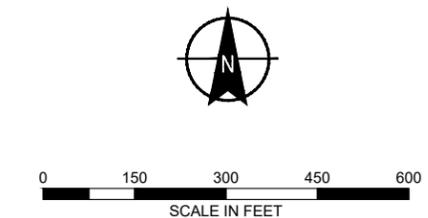
Rev.	Description	By	Date

VELLA PIT PART 301  
 APPLICATION FOR PERMIT  
 4984 EARHART RD.  
 ANN ARBOR, MICHIGAN

PRE-2020  
 CONDITIONS

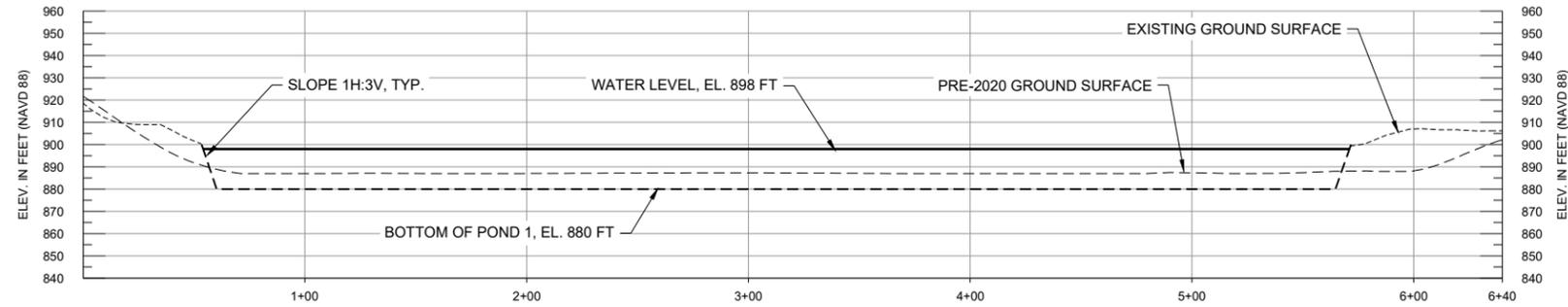
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Sheet: 3 of 8

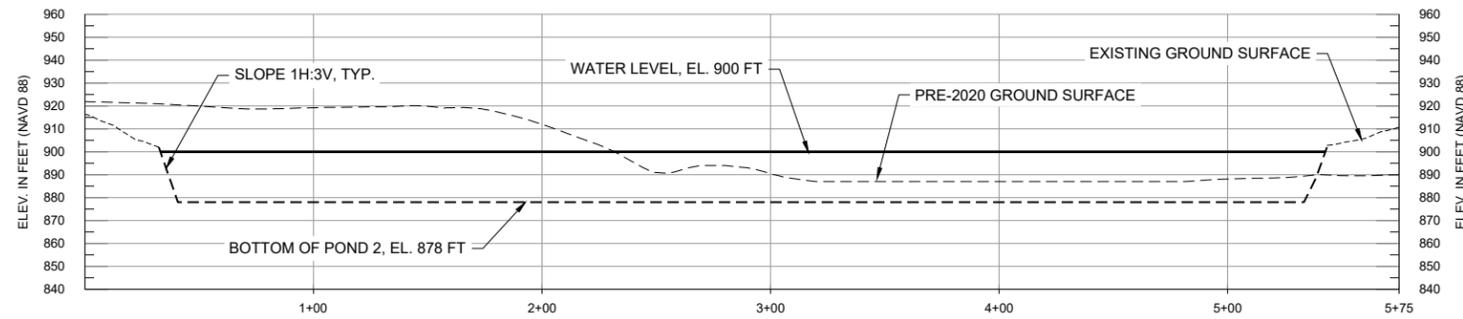


**NOTES**

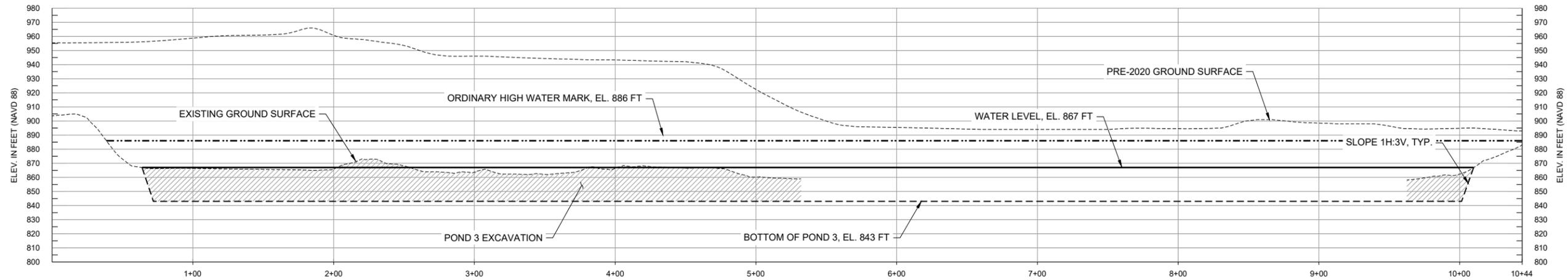
1. TOPOGRAPHIC CONTOUR SOURCE: SURVEY PERFORMED BY PEA GROUP, 20 OCTOBER 2023. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT.
2. PRE-2020 GROUND SURFACE DATA SOURCE: 2016 - 2017 NRCS 30 COUNTY MI LIDAR. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT. VERTICAL DATUM IS NAVD88.
3. SLOPES AND BATHYMETRIC CONDITIONS OF PONDS 1 AND 2 ARE NOT EXPECTED TO CHANGE UNTIL FUTURE MINING OF THESE AREAS TO REACH FINAL EXTENT SHOWN IN SHEET C-105. SLOPE AND BATHYMETRIC CONDITIONS OF PONDS 3 AND 4 ARE EXPECTED TO CHANGE DUE TO CURRENT MINING ACTIVITIES.
4. POND 3 EXCAVATION VOLUME IS 158,406 CU YD.



**1 CROSS SECTION - POND 1**  
SCALE: AS SHOWN



**2 CROSS SECTION - POND 2**  
SCALE: AS SHOWN



**3 CROSS SECTION - POND 3**  
SCALE: AS SHOWN



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Project No.:	0207666_003
Scale:	AS SHOWN
Date:	23 OCTOBER 2023
Drawn By:	JD
Designed By:	JD
Checked By:	OS
Approved By:	LN
Stamp:	

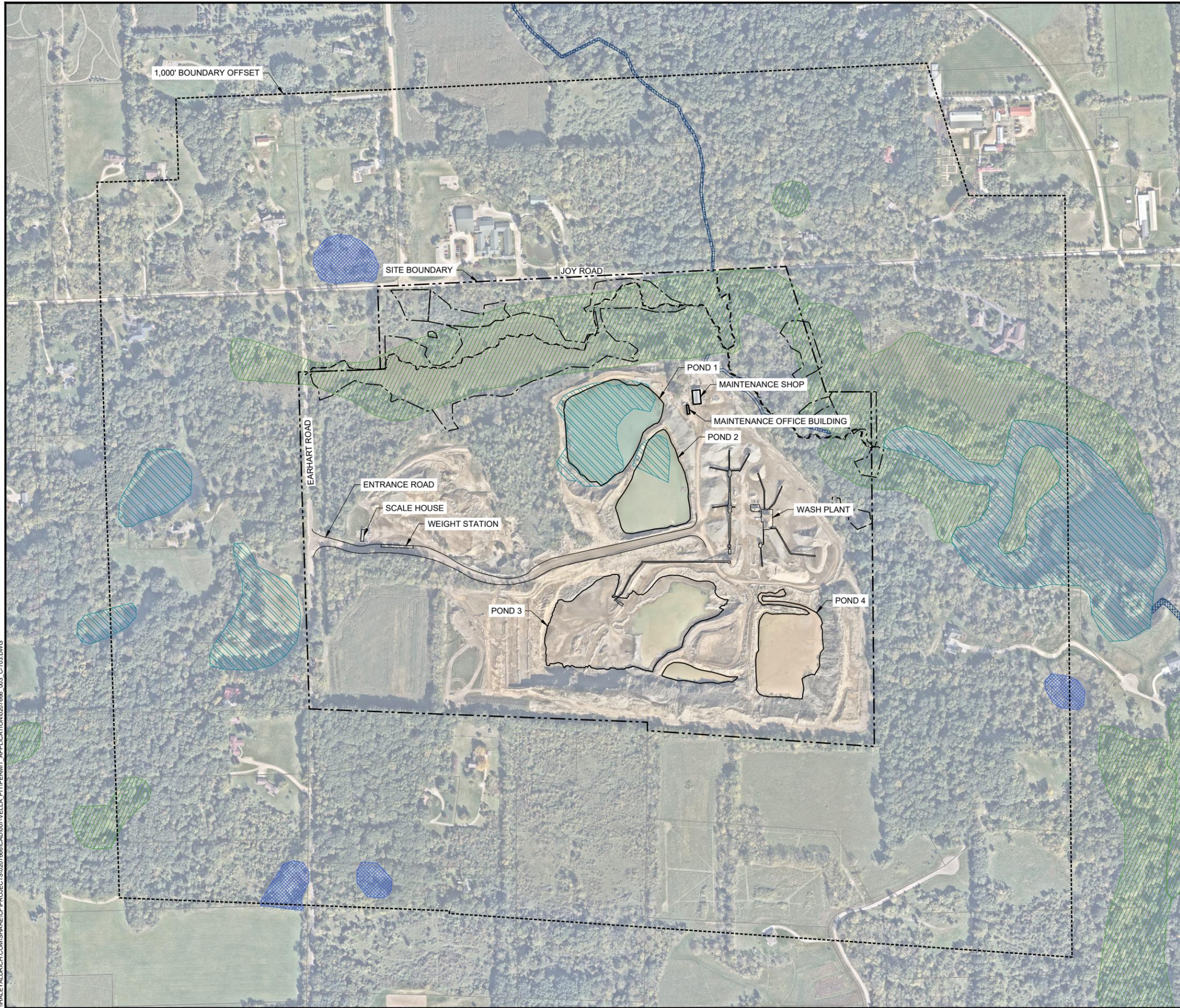
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VELLA PIT PART 301  
APPLICATION FOR PERMIT  
4984 EARHART RD.  
ANN ARBOR, MICHIGAN

CROSS SECTIONS

**C-102**

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 Sheet: C-103



- LEGEND**
- SITE BOUNDARY
  - ..... 1,000-FT BOUNDARY OFFSET
  - PARCEL BOUNDARY
  - WETLAND DELINEATION
  - - - - - STREAM DELINIATION
  - [Green Diagonal Lines] FRESHWATER FORESTED/SHRUB WETLAND (USGS)
  - [Blue Cross-Hatch] FRESHWATER EMERGENT WETLAND (USGS)
  - [Light Blue Diagonal Lines] FRESHWATER POND (USGS)
  - [Blue Grid] RIVERINE (USGS)

- NOTES**
1. LOCATIONS OF BUILDINGS AND STRUCTURES ARE APPROXIMATE.
  2. REGIONAL WETLANDS DATA SOURCE: U.S. FISH AND WILDLIFE NATIONAL WETLANDS INVENTORY, 2023. WETLAND BOUNDARY IS APPROXIMATE.
  3. ON-SITE DELINEATED WETLANDS DATA SOURCE: WETLAND AND STREAM DELINEATION REPORT FOR MID-MICHIGAN MATERIALS - VELLA PIT, HALEY & ALDRICH, 6 MAY 2024
  4. AERIAL IMAGERY SOURCE: NEARMAP, 2 OCTOBER 2023.



HALEY & ALDRICH OF  
 MICHIGAN, INC  
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 Suite 210  
 Ann Arbor, MI 48108-3323  
 Tel: 734.887.8400  
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PREPARED FOR:  
 AMC-WSG LLC  
 6966 FISHER ROAD  
 JEDDO, MI

**FOR PERMITTING  
 PURPOSES  
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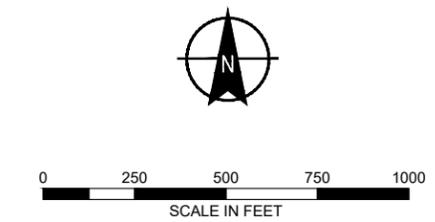
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**WETLAND  
 LOCATION PLAN**

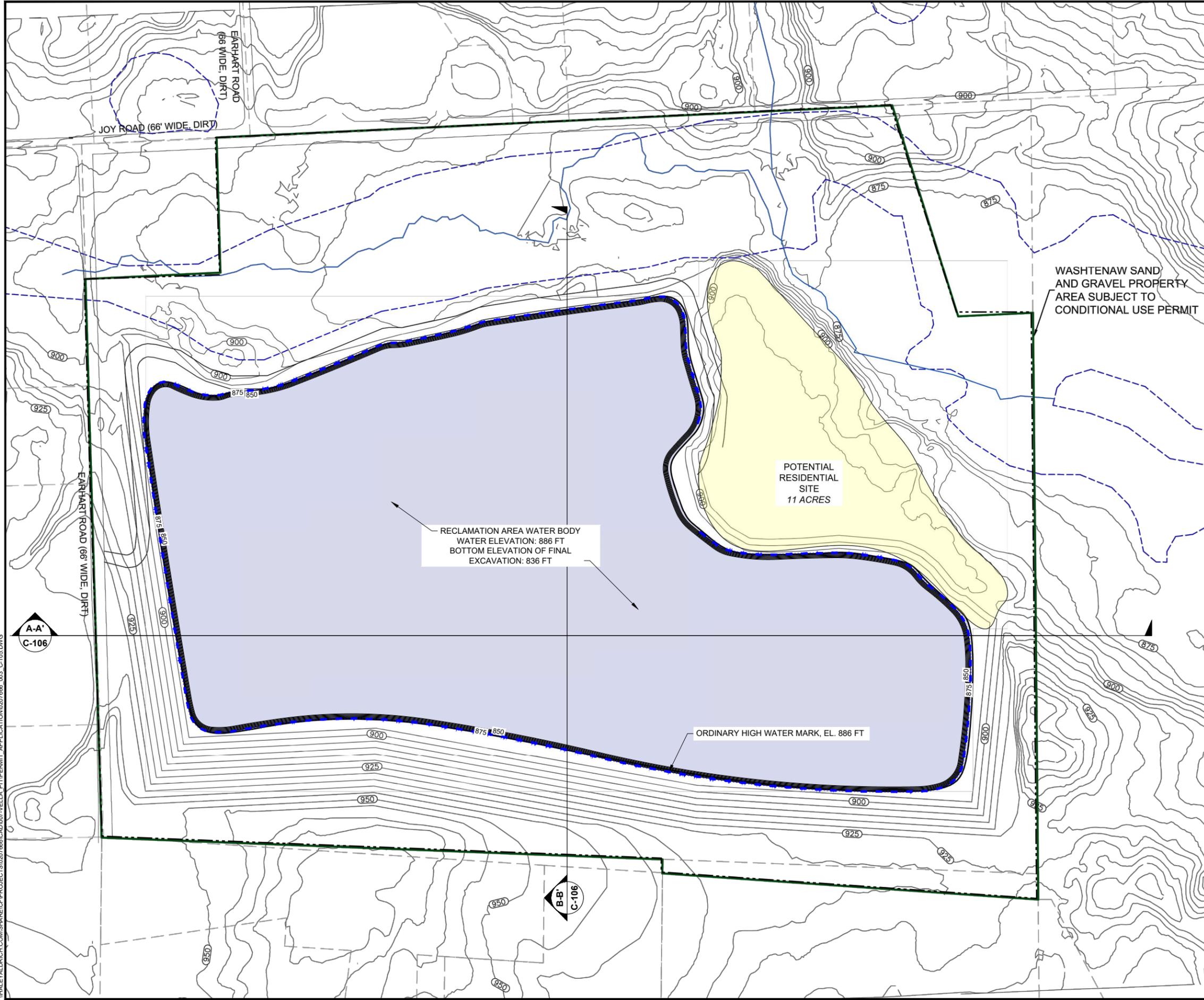
C-103

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- LEGEND:**
- TOPOGRAPHIC MAJOR CONTOUR INTERVAL (25 FOOT)
  - TOPOGRAPHIC MINOR CONTOUR INTERVAL (5 FOOT)
  - PROPERTY BOUNDARY
  - WETLANDS
  - WATERWAY
  - POTENTIAL RESIDENTIAL SITE(S) APPROXIMATELY 10 ACRES
  - ORDINARY HIGH WATER MARK, EL. 886 FT
  - RECLAMATION AREA (WATER BODY)
  - POTENTIAL RESIDENTIAL SITE (11 ACRES)

- NOTES**
- THIS PLAN IS BASED ON A FIGURE THAT WAS PREPARED BY PEA INC. AND REVISED BY GZA GEOENVIRONMENTAL, INC. IN OCTOBER 2020.

WASHTENAW SAND AND GRAVEL PROPERTY AREA SUBJECT TO CONDITIONAL USE PERMIT

RECLAMATION AREA WATER BODY  
 WATER ELEVATION: 886 FT  
 BOTTOM ELEVATION OF FINAL EXCAVATION: 836 FT

ORDINARY HIGH WATER MARK, EL. 886 FT

POTENTIAL RESIDENTIAL SITE  
 11 ACRES

**HALEY ALDRICH**  
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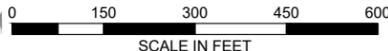
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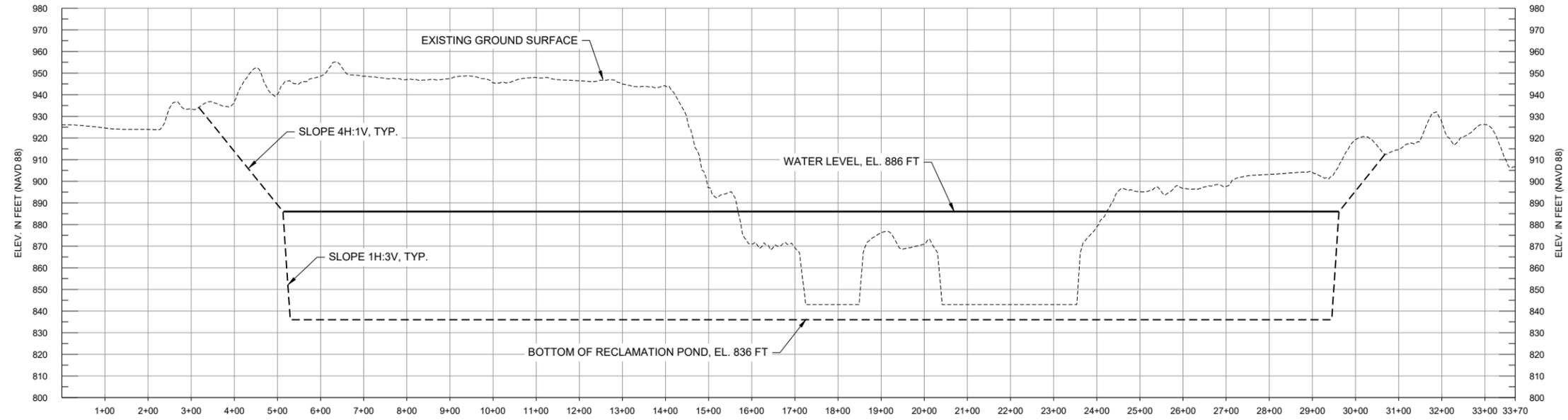
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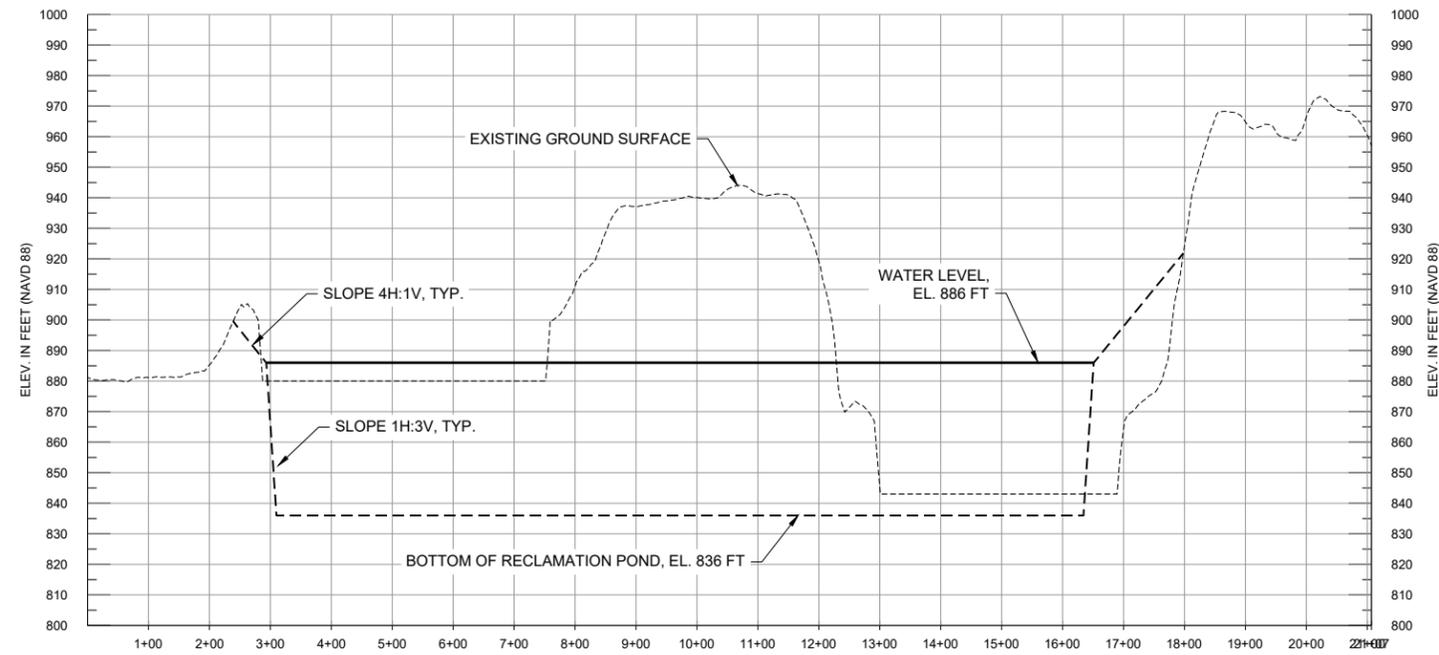
CONCEPTUAL RECLAMATION PLAN

**C-105**  
 Sheet: 7 of 8





**1** CROSS SECTION A-A'  
C-105 SCALE: AS SHOWN



**2** CROSS SECTION B-B'  
C-105 SCALE: AS SHOWN

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**NOTES**

- TOPOGRAPHIC CONTOUR SOURCE: SURVEY PERFORMED BY PEA GROUP, 20 OCTOBER 2023. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT.
- PRE-2020 GROUND SURFACE DATA SOURCE: 2016 - 2017 NRCS 30 COUNTY MI LIDAR. HORIZONTAL DATUM IS NAD83 MICHIGAN STATE PLANES, SOUTH ZONE, INTERNATIONAL FOOT. VERTICAL DATUM IS NAVD88.

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RECLAMATION CROSS SECTIONS

**C-106**

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