

PROJ #250258.01	ADDENDUM #1	DATE: 02/05/2026
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NOTICE: This Addendum No.1, issued in accordance with the Contract Documents, is hereby incorporated into the Contract Documents. This information supersedes and updates all conflicting information as follows:

**CLARIFICATIONS & RESPONSES TO QUESTIONS**

- 1) Only the potential bidders that attended the pre-bid meeting are eligible to submit a bid as the prime contractor. A copy of the pre-bid meeting sign-in sheet is attached.
- 2) There is no seeding or restoration requirement for the Contractor in this bid.
- 3) Regarding perimeter access, please keep in mind that the AOA badge is a firm requirement for anyone working inside the fence. It's a \$30 fee per person for the training and the badge itself. For those with irregular or one-off needs, a badged escort is a valid option. The contractor must maintain a gate log for everyone entering and exiting the access gate from Judson Drive.
- 4) Glen's Sanitary Landfill (Maple City, MI) has been added as an approved disposal facility alongside the Wexford County Landfill. To accommodate this, we have established two bid transportation alternates: Alternate 5A for Wexford County Landfill and Alternate 5B for Glen's Sanitary Landfill. Bidders are expected to complete both items, and the Owner will determine which option to proceed with following the bid opening. Only one alternate will be selected and the pricing is not additive.

Q1: Bid documents state this is to be a 90-day contract, but it also states that substantial completion is to be by 4/12/26 as construction on the terminal expansion is starting on 4/13/26. At the pre-bid, it was discussed that only the western excavation area was subject to the 4/12/26 deadline. What are the timing requirements for this project?

R1: The contract is indeed structured as a 90-day agreement with a final completion date of May 25, 2026. The requirement to complete the western excavation area by April 12, 2026, is a critical milestone to avoid interference with the Concourse B terminal expansion starting the following day. This specific constraint, detailed in Section 01025, essentially dictates your initial mobilization and production rate, requiring a focused effort on the western site before transitioning to the remaining scope within the overall 90-day window.

Q2: At the pre-bid it was stated that work was expected to begin on 3/11/26. With the winter we have had and the extended forecast, is there a contingency if frost laws are still in effect at that time moving the start and completion dates?

R2: If the implementation of these restrictions prevents the hauling of heavy loads and delays your schedule's critical path, you would likely have grounds to request an appropriate adjustment of the contract time under Article 4.03(C) of EJCDC C-522, which covers delays beyond the contractor's control.

Q3: It is understood that the NRAA is responsible for disposal costs and the contractor for the trucking costs. Has it been confirmed that Wexford County Landfill can accept PFAS impacted soil? CSOIL destination may impact trucking costs.

R3: As mentioned in Clarification #4 of this addendum, Glen's and Wexford County both have confirmed ability to accept the soil.

Reminder: To receive payment, you must submit signed transportation and tracking tickets for every load, along with certified scale tickets from the designated disposal facility to verify the exact tonnage of soil removed. Additionally, the final payment application must include

written verification of waste acceptance from the landfill and a copy of the final disposal invoice to confirm that all excavated material reached its intended destination.

Q4: The existing permanent fence is to be removed as directed by the engineer and not replaced - correct?

R4: Correct, the existing perimeter fence will not be replaced under this contract. Regarding the removal of the existing permanent fence, it should be removed as directed by the Engineer and only after the airport has approved the temporary fence has been installed to provide a secure perimeter.

Q5: The project site is within a secured area of the airport; who is responsible for required utility locate (MISS Dig)? If it is the Contractor, how is this to be coordinated with airport staff for access?

R5: The Contractor is required to call in the MISS Dig ticket. Send the Owner and Engineer a copy of the ticket and Airport staff will mark all private utilities.

Q6: Red solar powered lights are required on each supported line posts of the temporary fence?

R6: Yes, the requirement for red solar-powered lights on each supported line post of the temporary fence is a critical safety measure to maintain airfield visibility, particularly for pilots and ground vehicle operators during low-visibility or nighttime conditions.

Q7: How is the transition of the temp fence rental to be handled? Sheet E1A states NRAA may elect to extend the temp fence 1-2 months until it is turned over to another contractor; the fence company will want to know who the contractor is and for how long. How would this impact final completion of the contract if the contract has to remain open to accommodate the fence rental extension?

R7: The Owner will negotiate with the contractor, or fencing subcontractor if fencing isn't provided by the prime contractor, to transfer the rental and removal of the fence to appropriate contractor working on the terminal expansion. It is anticipated that this negotiation can be completed in the 90 day substantial completion window. If additional time is required, then a change order will be processed to account for additional fence rental (item #3).

Q8: Since state funds are being used for this project are prevailing wages applicable for this project? Davis-Bacon?

R8: Prevailing Wages and/or Davis-Bacon wages both do **not** apply to this contract.

Q9: It was stated at the pre-bid that additional soil borings were to be collected to better define the extent of the contamination and excavation footprint and requires EGLE's approval. This may impact the scope/cost of the project. Will the bid due date be extended to accommodate this?

R9: You should proceed with your bid based on the quantities currently provided in the Bid Schedule. If the scope changes significantly after the borings are analyzed, the contract provides mechanisms for "Adjustments to Quantities" or "Change of Contract Price" to account for the actual volume of soil removed.

Q10: Please provide a revised bid form to address the inconsistencies between the two bid forms in the RFP.

R10: A revised bid form is attached.

Q11: How many 2' x 2' x 6' bin blocks are anticipated to support the temporary fencing?

R11: Based on the temporary fence detail on Sheet C2, the maximum spacing between line posts is 10' and each line post will require at least one bin block. The estimated length of the temporary fence is ±770-feet; therefore, a minimum of 78 blocks would be anticipated.

Q12: Would driven fence posts be acceptable in lieu of 2' x 2' x 6' bin blocks?

R12: Yes, 12-foot driven posts are acceptable.

Q13: What is the required frequency of compaction testing for backfill?

R13: Backfill density will be tested at least once per 12" lift on a 100'x100' grid. The compacted in place density must not be less than 90% of the maximum dry density as determined by ASTM D1557, modified proctor.

Q14: What quantities of Class II and Class III backfill are required per the specifications?

R14: 7,500 tons of Class II backfill.

Q15: Please provide the revised project schedule as anticipated by the Owner and Engineer.

R15: No major revisions. Per the "Advertisement for Bids" and Section 01025, the overall contract duration is 90 days, with a final completion date of April 28, 2026. The most critical milestone is the requirement that all soil removal activities to the west of the existing perimeter fence be finished by April 12, 2026.

Q16: Please provide clarification on the reimbursement process for sales and use taxes if they are not to be included in the Bid and not invoiced to the Owner (see Article 21).

R16: The Owner will provide a tax-exempt certificate to the successful bidder to present to suppliers at the point of purchase. If you encounter a situation where a supplier refuses the certificate and taxes must be paid, the reimbursement process requires you to submit a formal request to the Owner with copies of the receipts showing the tax paid; however, the primary goal of Article 21 is to prevent these costs from ever entering the contract price or being invoiced back to the NRAA.

**CHANGES TO THE CONTRACT DOCUMENTS:**

**Replace Drawings with Sheets attached to this Addendum**

**Replace C-410 in its entirety with the attached.**

**Replace C-620 page 2 "Progress Estimate - Unit Price Work"**

**Replace C-522 in its entirety with the attached.**

**Replace Section 01010 in its entirety with the attached.**

**ADDENDUM ACKNOWLEDGMENT:**

This Addendum No. 1 shall be attached to and shall become a part of the Contract Documents. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may result in the rejection of the Bid.

**ATTACHMENTS:**

1. Pre-Bid Meeting Attendance List
2. C-410 Bid Form
3. C-620, page 2 – Progress Estimate
4. C-522 – Contract for Construction of a Small Project
5. Section 01010 – Summary of Work
6. Project Drawings

**END SECTION**

**DISTRIBUTION:**

All Plan Holders (via email)

# PRE-BID MEETING ATTENDANCE

## Northwest Regional Airport Authority PFAS Soil Removal Action

**Pre-Bid Meeting: 11:00 AM, January 30, 2026**

Engineer: Adam Segerlind/Gosling Czubak Engineering Sciences, Inc.

Email: aesegerlind@goslingczubak.com

Project No.:

250258.01

No.	Attending Plan Holder	Company	Telephone	Email
1	Ron Swan	TSP Environmental	734-838-0426	<a href="mailto:rswan@tspenvironmental.com">rswan@tspenvironmental.com</a>
2	Don Johnston	ASI - Environmental Remediation Group	517-803-3331	<a href="mailto:don.johnston@asienvironmental.com">don.johnston@asienvironmental.com</a>
3	Steve Folkersma	Elmers	231-218-6018	<a href="mailto:sf206@teamelmers.com">sf206@teamelmers.com</a>
4	Jake Blanzly	M + M Excavating	989-619-0848	<a href="mailto:jake@m-mexcavating.com">jake@m-mexcavating.com</a>
5	Mike Statesman	M + M Excavating	989-858-6140	<a href="mailto:mikes@m-mexcavating.com">mikes@m-mexcavating.com</a>
6	Mike Bolle	Bolle Contractors	989-386-7311	<a href="mailto:mark@bellecontracting.com">mark@bellecontracting.com</a>
7	Richard Peck	Clean Harbors	231-258-8014	<a href="mailto:peck.richard@cleanharbors.com">peck.richard@cleanharbors.com</a>
8	Andie Fisher	WM	989-390-5844	<a href="mailto:afisher@wm.com">afisher@wm.com</a>
9	Kendra Kersten	Walton Contracting	231-883-8020	<a href="mailto:kendra@waltoncontracting.com">kendra@waltoncontracting.com</a>
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## PRE-BID MEETING ATTENDANCE

### Northwest Regional Airport Authority PFAS Soil Removal Action

**Pre-Bid Meeting: 11:00 AM, January 30, 2026**

Engineer: Adam Segerlind/Gosling Czubak Engineering Sciences, Inc.

Email: aesegerlind@goslingczubak.com

Project No.:

250258.01

No.	Attending Plan Holder	Company	Telephone	Email
1	Ron Swan	TSP Environmental	734-838-0426	rswan@tspenvironmental.com
2	Don Johnston	Environmental Remediation Group	517-803-3331	don.johnston@asienvironmental.com
3	Steve Folkeczma	Elmex	218-6018	SF206@folkeczma.com
4	Jake Blazny	M&M Excavating	989-619-0848	jake@m-mexcavating.com
5	Mike Stoteman	M&M Excavating	989-858-6140	MikeS@M-Mexcavating.com
6	Mark Bolle	Bolle Contracting	989-386-7311	Mark@Bollecontracting.com
7	Richard Peck	Clean Harbors	231-258-8014	peck.richard@Cleanharbors.com
8	Andie Fisher	WM	989-390-5844	andie.fisher@wm.com
9	Kendra Kersten	Walton Contracting	231-883-8026	Kendra@waltoncontracting.com
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# BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders and the Instructions to Bidder.

## ARTICLE 1—OWNER AND BIDDER

- 1.01 This Bid is submitted to: Kevin Klein at 727 Fly Don't Drive, Traverse City, Michigan 49686
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

## ARTICLE 2—ATTACHMENTS TO THIS BID

- 2.01 The following documents are submitted with and made a condition of this Bid:
  - A. Required Bid security;
  - B. List of Proposed Subcontractors;
  - C. List of Proposed Suppliers;
  - D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such authority within the time for acceptance of Bids;
  - E. Contractor's license number as evidence of Bidder's State Contractor's License or a covenant by Bidder to obtain said license within the time for acceptance of Bids;
  - F. Required Bidder Qualification Statement with supporting data.

## ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

### 3.01 *Unit Price Bids – Alternate A*

- A. Bidder will perform the following Work at the indicated unit prices:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Mobilization	LS	1		
2	Safety and Security	LS	1		
3	Maintenance of Temporary Perimeter Fence	Month	2		
4	Excavation	Tons	7,500		
5a	Transportation – Alternate A (Wexford County Landfill)	Tons	7,500		
6	Backfill & Compaction	Tons	7,500		
Total of All Bid Items					\$

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

3.02 *Unit Price Bids – Alternate B*

A. Bidder will perform the following Work at the indicated unit prices:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Mobilization	LS	1		
2	Safety and Security	LS	1		
3	Maintenance of Temporary Perimeter Fence	Month	2		
4	Excavation	Tons	7,500		
5b	Transportation – Alternate B (Glen's Sanitary Landfill)	Tons	7,500		
6	Backfill & Compaction	Tons	7,500		
Total of All Bid Items					\$

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.06 of the Contract on or before the dates or within the number of calendar days indicated in Article 4 of the Contract.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

- A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

- A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER’S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder’s Representations*

- A. In submitting this Bid, Bidder represents the following:
  - 1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.
  - 2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - 3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
  - 4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
  - 5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
  - 6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder’s (Contractor’s) safety precautions and programs.
  - 7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
  - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
  - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
  - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
  - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

\_\_\_\_\_  
*(typed or printed name of organization)*

By: \_\_\_\_\_  
*(individual's signature)*

Name: \_\_\_\_\_  
*(typed or printed)*

Title: \_\_\_\_\_  
*(typed or printed)*

Date: \_\_\_\_\_  
*(typed or printed)*

*If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.*

Attest: \_\_\_\_\_  
*(individual's signature)*

Name: \_\_\_\_\_  
*(typed or printed)*

Title: \_\_\_\_\_  
*(typed or printed)*

Date: \_\_\_\_\_  
*(typed or printed)*

Address for giving notices:

\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contact:

Name: \_\_\_\_\_  
*(typed or printed)*

Title: \_\_\_\_\_  
*(typed or printed)*

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Bidder's Contractor License No.: (if applicable) \_\_\_\_\_



# CONTRACT FOR CONSTRUCTION OF A SMALL PROJECT

This Contract is by and between Northwest Regional Airport Authority, 727 Fly Don't Drive, Traverse City, MI 49686 (Owner) and \_\_\_\_\_ (Contractor). Owner and Contractor hereby agree as follows:

## ARTICLE 1—THE WORK

### 1.01 *Work*

- A. Work includes all labor, materials, equipment, services, and documentation necessary to construct the Project defined herein. The Work may include related services such as testing, start-up, and commissioning, all as required by the Contract Documents.
- B. The Contractor shall complete all Work as specified or indicated in the Contract Documents. The Project is generally described as follows:
  - 1. PFAS Soil Removal Action which consists of the excavation and disposal of contaminated soils as the result of prior airport activity.
  - 2. The Site of the Work includes property, easements, and designated work areas described in greater detail in the Contract Documents but generally located directly east of the property address: 727 Fly Don't Drive, Traverse City, MI 49686.

## ARTICLE 2—CONTRACT DOCUMENTS

### 2.01 *Intent of Contract Documents*

- A. It is the intent of the Contract Documents to describe a functionally complete Project. The Contract Documents do not indicate or describe all of the Work required to complete the Project. Additional details required for the correct installation of selected products are to be provided by the Contractor and coordinated with Owner and Engineer. This Contract constitutes the entire agreement between Owner and Contractor, and supersedes prior negotiations, representations, and agreements, whether written or oral. The Contract Documents are complementary; what is required by one part of the Contract Documents is as binding as if required by other parts of the Contract Documents.
- B. Engineer will be the initial interpreter of the requirements of the Contract Documents, and judge of the acceptability of the Work under the Contract Documents. During the performance of the Work and until final payment, Contractor and Owner shall submit to Engineer all matters in question concerning the requirements of the Contract Documents, or relating to the acceptability of the Work. Engineer will render a written clarification, interpretation, or decision on the issue submitted, or initiate a modification to the Contract Documents.
- C. Contractor, and its subcontractors and suppliers, shall not have or acquire any title to or ownership rights to any of the Drawings, Specifications, or other documents (including copies or electronic media versions) prepared by Engineer or its consultants.
- D. *Contract Price or Contract Times*: References to a change in "Contract Price or Contract Times" or "Contract Times or Contract Price" or similar, indicate that such change applies to

(1) Contract Price, (2) Contract Times, or (3) both Contract Price and Contract Times, as warranted, even if the term "or both" is not expressed.

- E. Nothing in the Contract Documents creates any contractual relationship between Owner or Engineer and any Subcontractor, Supplier, or other individual or entity performing or furnishing any of the Work, for the benefit of such Subcontractor, Supplier, or other individual or entity.

## 2.02 *Contract Documents Defined*

- A. The Contract Documents consist of the following documents:

1. This Contract for Construction of a Small Project.
2. Performance bond.
3. Payment bond.
4. Specifications as listed in the Specifications Table of Contents.
5. Drawings as listed on the Drawing Sheet Index.
6. Addenda.
7. Exhibits to this Contract (enumerated as follows):
  - a. [Exhibit 1 – Name of Exhibit].
  - b. [Exhibit 2 – Name of Exhibit].
8. The following which may be delivered or issued on or after the Effective Date of the Contract:
  - a. Notice to Proceed (EJCDC® C-550).
  - b. Work Change Directives (EJCDC® C-940).
  - c. Change Orders (EJCDC® C-941).
  - d. Field Orders (EJCDC® C-942).
  - e. NRAA Insurance Specification
  - f. Federal Contract Provisions

## ARTICLE 3—ENGINEER

### 3.01 *Engineer*

- A. The Engineer for this Project is Gosling Czubak Engineering Sciences (Adam Segerlind, P.E.)

## ARTICLE 4—CONTRACT TIMES

### 4.01 *Contract Times*

- A. The Work will be substantially complete within 90 days after the Effective Date of the Contract and completed and ready for final payment no later than Monday, May 25, 2026.

- B. The Owner anticipates the project to be substantial completed in Spring 2026 with final completion and/or restoration possible carrying over into Summer 2026.

4.02 *Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence in the performance of the Contract, and that Owner will incur damages if Contractor does not complete the Work according to the requirements of Paragraph 4.01. Because such damages would be difficult and costly to determine, Owner and Contractor agree that as liquidated damages for delay in completion (but not as a penalty) Contractor shall pay Owner \$500 for each day that expires after the Contract Time for substantial completion.

4.03 *Delays in Contractor’s Progress*

- A. If Owner, Engineer, or anyone for whom Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then Contractor shall be entitled to an equitable adjustment in the Contract Times or Contract Price.
- B. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for delay, disruption, or interference caused by or within the control of Contractor or its subcontractors or suppliers.
- C. If Contractor’s performance or progress is delayed, disrupted, or interfered with by unanticipated causes not the fault of and beyond the control of Owner, Contractor, and those for which they are responsible, then Contractor shall be entitled to an equitable adjustment in Contract Times.
- D. Contractor shall not be entitled to an adjustment in Contract Price or Contract Times for any delay, disruption, or interference if such delay is concurrent with a delay, disruption, or interference caused by or within the control of Contractor or Contractor’s subcontractors or suppliers.

4.04 *Progress Schedules*

- A. Contractor shall develop a progress schedule and submit it to Engineer for review and comment before starting Work on the Site. Contractor shall modify the schedule in accordance with Engineer’s comments.
- B. Contractor shall update and submit the progress schedule to Engineer each month. Owner may withhold payment if Contractor fails to submit the schedule.

ARTICLE 5—CONTRACT PRICE

5.01 *Payment*

- A. Owner shall pay Contractor, in accordance with the Contract Documents, at the following unit prices for each unit of Work completed:

Item No.	Description	Unit	Estimated Quantity	Bid Unit Price	Bid Amount
1	Mobilization	LS	1		
2	Safety and Security	LS	1		

3	Maintenance of Temp Fence	Months	2		
4	Excavation	Tons	7,500		
5__	Transportation – Alternate ____	Tons	7,500		
6	Backfill & Compaction	Tons	7,500		
Total of All Bid Items – Alternate A (1,2,3,4, 5__,6)					\$

Payment will be made in an amount equal to the total of all extended prices for actual Work completed. The extended price is determined by multiplying the unit price times the actual quantity of that Work item completed. Actual quantities installed will be determined by the Engineer. The first two items will be determined by the Contractor.

#### ARTICLE 6—BONDS AND INSURANCE

##### 6.01 *Bonds*

- A. When Contractor delivers the signed counterparts of the Contract to Owner, Contractor shall also deliver the performance bond and payment bond to Owner. Each bond must be in an amount equal to the Contract Price, as security for the faithful performance and payment of all of Contractor's obligations under the Contract. These bonds must remain in effect until the completion of the correction period specified in Paragraph 7.12 but, in any case, not less than one year after the date when final payment becomes due.
- B. Upon request, Owner will provide a copy of the payment bond to any person or entity claiming to have furnished labor, services, materials, or equipment used in the performance of the Work.

##### 6.02 *Insurance*

- A. See Insurance Specification

#### ARTICLE 7—CONTRACTOR'S RESPONSIBILITIES

##### 7.01 *Contractor's Means and Methods of Construction*

- A. Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction.
- B. If professional engineering or other design services are needed to carry out Contractor's responsibilities for construction means, methods, techniques, sequences, and procedures, or for Site safety, then Contractor shall cause such services to be provided by a properly licensed design professional, at Contractor's expense. Neither Owner nor Engineer has any responsibility with respect to (1) Contractor's determination of the need for such services, (2) the qualifications or licensing of the design professionals retained or employed by Contractor, (3) the performance of such services, or (4) any errors, omissions, or defects in such services.

#### 7.02 *Supervision and Superintendence*

- A. Contractor shall supervise and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents.
- B. At all times during the progress of the Work, Contractor shall assign a competent resident superintendent who will not be replaced without notice to and approval by the Owner and Engineer except under extraordinary circumstances.
- C. Contractor shall maintain good discipline and order at the Site.
- D. Except as otherwise required for the safety or protection of the Work or persons or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site will be performed during regular working hours, Monday through Friday.

#### 7.03 *Other Work at the Site*

- A. In addition to and apart from the Work of the Contractor, other work may occur at or adjacent to the Site. Contractor shall take reasonable and customary measures to avoid damaging, delaying, disrupting, or interfering with the work of Owner, any other contractor, or any utility owner performing other work at or adjacent to the Site.
- B. Contractor shall notify Owner, the owners of adjacent property, the owners of underground facilities and other utilities (if the identity of such owners is known to Contractor), and other contractors and utility owners performing work at or adjacent to the Site when Contractor knows that prosecution of the Work may affect them; and Contractor shall cooperate with them in the protection, removal, relocation, and replacement of their property or work in progress.

#### 7.04 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, Contractor shall provide and assume full responsibility for everything necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work must be new and of good quality, and be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable supplier, except as otherwise may be provided in the Contract Documents.

#### 7.05 *Subcontractors and Suppliers*

- A. Just as Contractor is responsible for its own acts and omissions, Contractor shall be fully responsible to Owner and Engineer for all acts and omissions of Contractor's employees; of suppliers and subcontractors, and their employees; and of any other individuals or entities performing or furnishing any of the Work. The Contractor's retention of a subcontractor or supplier for the performance of parts of the Work will not relieve Contractor's obligation to Owner to perform and complete the Work in accordance with the Contract Documents.

#### 7.06 *Licenses, Fees and Permits*

- A. Contractor shall pay all license fees and royalties and assume all costs incident to performing the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others.

- B. Contractor shall obtain and pay for all construction permits, licenses, and certificates of occupancy, unless otherwise provided in the Contract Documents.

7.07 *Laws and Regulations; Taxes*

- A. Contractor shall give all notices required by, and shall comply with, all local, state, and federal laws and regulations applicable to the performance of the Work. Neither Owner nor Engineer shall be responsible for monitoring Contractor's compliance with any laws or regulations.
- B. If Contractor performs any Work or takes any other action knowing or having reason to know that it is contrary to laws or regulations, Contractor shall bear all resulting costs and losses, and to the fullest extent permitted by law Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from and against all such claims, costs, losses, and damages.
- C. Contractor shall pay all applicable sales, consumer, use, and other similar taxes.

7.08 *Record Documents*

- A. Contractor shall maintain one printed record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, written interpretations and clarifications, and approved shop drawings in a safe place at the Site. Contractor shall annotate them to show changes made during construction. Contractor shall deliver these record documents to Engineer upon completion of the Work.

7.09 *Safety and Protection*

- A. Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the Work.
- B. Contractor shall designate a qualified and experienced safety representative whose duties and responsibilities are the prevention of Work-related accidents and the maintenance and supervision of safety precautions and programs.
- C. Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury, or loss to:
  - 1. All persons on the Site or who may be affected by the Work;
  - 2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
  - 3. Other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, other work in progress, utilities, and underground facilities not designated for removal, relocation, or replacement in the course of construction.
- D. All damage, injury, or loss to any property caused, directly or indirectly, in whole or in part, by Contractor, or anyone for whose acts the Contractor may be liable, will be remedied by Contractor at its expense (except damage or loss attributable to the fault of the Contract Documents or to the acts or omissions of Owner or Engineer and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of Contractor).

- E. Contractor shall be responsible for coordinating any exchange of safety data sheets or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with laws or regulations.
- F. In emergencies affecting the safety or protection of the Work or persons or property at the Site or adjacent thereto, Contractor shall act to prevent damage, injury, or loss. Contractor shall give Engineer prompt notice if Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused by an emergency, or are required as a result of Contractor's response to an emergency. If Engineer determines that a change in the Contract Documents is required because of an emergency or Contractor's response, a Work Change Directive or Change Order will be issued.

#### 7.10 *Submittals*

- A. Contractor shall review and coordinate shop drawings, samples, and other submittals with the requirements of the Work and the Contract Documents, and shall verify all related field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information. Contractor shall confirm that the submittal is complete with respect to all related data included in the submittal.
- B. Shop drawings and samples must bear a stamp or specific written certification that Contractor has satisfied its obligations under the Contract Documents with respect to Contractor's review of that submittal, and that Contractor approves the submittal.
- C. With each shop drawing or sample submittal, Contractor shall give Engineer specific written notification, in a communication separate from the shop drawing or sample, of any variations that the shop drawing or sample may have from the requirements of the Contract Documents.
- D. Engineer will provide timely review of submittals. Engineer's review and approval of submittals will not extend to the means, methods, techniques, sequences, or procedures of construction, or to safety precautions or programs.
- E. Engineer's review of shop drawings and samples will be only to determine if the items covered will, after installation or incorporation in the Work, comply with the requirements of the Contract Documents, and be compatible with the design concept of the completed Project as a functioning whole.
- F. Engineer's review and approval of a separate item in a shop drawing or sample does not indicate approval of the assembly in which the item functions.
- G. Contractor shall make corrections required by Engineer, return the required number of corrected copies of shop drawings, and submit new samples for review and approval. Contractor shall direct specific attention in writing to revisions other than the corrections called for by Engineer on previous submittals.
- H. Shop drawings are not Contract Documents.

#### 7.11 *Warranties and Guarantees*

- A. Contractor warrants and guarantees to Owner that all Work will be in accordance with the Contract Documents and will not be defective. Engineer and its consultants are entitled to rely on Contractor's warranty and guarantee.

#### 7.12 *Correction Period*

- A. If within one year after the date of substantial completion, any Work is found to be defective, or if the repair of any damages to the Site, adjacent areas that Contractor has arranged to use through construction easements or otherwise, or other adjacent areas used by Contractor as permitted by laws and regulations, is found to be defective, then Contractor shall promptly correct any such defective Work and repairs, at no cost to Owner.

#### 7.13 *Indemnification*

- A. To the fullest extent permitted by law, and in addition to any other obligations of Contractor under the Contract or otherwise, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, from all losses, damages, costs, and judgments (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) arising from third-party claims or actions relating to or resulting from the performance or furnishing of the Work, provided that any such claim, action, loss, cost, judgment or damage is attributable to bodily injury, sickness, disease, or death, or to damage to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom, but only to the extent caused by any negligent act or omission of Contractor, any subcontractor, any supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable. This provision is not intended to waive the defense of governmental immunity that may be asserted by Owner in any action against it. This provision shall survive termination of this Contract.

### ARTICLE 8—OWNER’S RESPONSIBILITIES

#### 8.01 *Responsibilities*

- A. Except as otherwise provided in the Contract Documents, Owner shall issue all communications to Contractor through Engineer.
- B. Owner shall make payments to Contractor as provided in this Contract.
- C. Owner shall provide the Site and easements required to construct the Project.
- D. While at the Site, Owner’s employees and representatives shall comply with the specific applicable requirements of Contractor’s safety programs of which Owner has been informed.
- E. Owner shall furnish copies of any applicable Owner safety programs to Contractor.
- F. If Owner intends to contract with others for the performance of other work at or adjacent to the Site, unless stated elsewhere in the Contract Documents, Owner shall have sole authority and responsibility for such coordination.
- G. Owner shall not supervise, direct, or have control or authority over, nor be responsible for, Contractor’s means, methods, techniques, sequences, or procedures of construction, or for related safety precautions and programs, or for any failure of Contractor to comply with laws and regulations applicable to the performance of the Work. Owner will not be responsible for Contractor’s failure to perform the Work in accordance with the Contract Documents.
- H. Neither Contractor nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from entering into the Agreement by

any federal agency or department or any agency or political subdivision of the State of Michigan. The term "principal" for purposes of the Agreement means an officer, director, owner, partner, key employee, or other person with primary management or supervisory responsibilities, or a person who has a critical influence on or substantive control over the operations of the Vendor. Additionally, Contractor agrees to comply with 2 CFR Part 1200 and 2 CFR Part 180, Subpart C by administering each lower tier subcontract that exceeds \$25,000 as a "covered transaction". As such, Contractor must verify each lower tier participant of a "covered transaction" under the Project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder shall accomplish this by:

1. Checking the Exclusion Extract located on the System for Award Management (SAM) at <https://www.sam.gov/SAM/>;
2. Collecting a certification statement similar to paragraph (a); and
3. Inserting a clause or condition in the covered transaction with the lower tier contract

## ARTICLE 9—ENGINEER'S STATUS DURING CONSTRUCTION

### 9.01 *Engineer's Status*

- A. Engineer will be Owner's representative during construction.
- B. Neither Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract, nor any decision made by Engineer in good faith either to exercise or not exercise such authority or responsibility, or the undertaking, exercise, or performance of any authority or responsibility by Engineer, will create, impose, or give rise to any duty in contract, tort, or otherwise owed by Engineer to Contractor, its subcontractors, suppliers, or sureties, or to any employee or agent of any of them.
- C. Engineer will make visits to the Site at intervals appropriate to the various stages of construction. Engineer will not be required to make exhaustive or continuous inspections to check the quality or quantity of the Work.
- D. Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or for related safety precautions and programs, or for any failure of Contractor to comply with laws and regulations applicable to the performance of the Work. Engineer will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

## ARTICLE 10—CHANGES IN THE WORK

### 10.01 *Authority to Change the Work*

- A. Without invalidating the Contract and without notice to any surety, Owner may, at any time or from time to time, order additions, deletions, or revisions in the Work.

### 10.02 *Change Orders*

- A. Owner and Contractor shall execute appropriate Change Orders covering:

1. Changes in Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive;
  2. Changes in the Work which are: (a) ordered by Owner or (b) agreed to by the parties or (c) resulting from the Engineer's decision, subject to the need for Engineer's recommendation if the change in the Work involves the design (as set forth in the Drawings, Specifications, or otherwise), or other engineering or technical matters; and
  3. Changes in the Contract Price or Contract Times or other changes which embody the substance of any final binding results under Article 12.
- B. If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times), the giving of any such notice will be Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

#### 10.03 *Work Change Directive*

- A. A Work Change Directive may be issued to Contractor ordering an addition, deletion, or revision in the Work. A Work Change Directive will not change the Contract Price or Contract Times, but is evidence that the parties expect that the modification ordered or documented by the Work Change Directive will be incorporated in a subsequently issued Change Order, following negotiations by the parties as to the Work Change Directive's effect, if any, on Contract Price or Contract Times.

#### 10.04 *Field Orders*

- A. Engineer may issue a Field Order to authorize minor changes in the Work, provided that the changes do not involve an adjustment in the Contract Price or Contract Times.
- B. If Contractor believes that a Field Order justifies an adjustment in the Contract Price or Contract Times, then Contractor shall request such adjustment before proceeding with the Work.

### ARTICLE 11—DIFFERING SUBSURFACE OR PHYSICAL CONDITIONS

#### 11.01 *Differing Site Conditions Process*

- A. If Contractor believes that any subsurface or physical condition (including but not limited to utilities or other underground facilities) that is uncovered or revealed at the Site either (1) differs materially from that shown or indicated in the Contract Documents, or (2) is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract Documents, then Contractor shall promptly notify Owner and Engineer about such condition. Contractor shall not further disturb such condition or perform any Work in connection with the condition (except with respect to an emergency) until receipt of authorization to do so.
1. Contractor shall be entitled to an equitable adjustment in Contract Price or Contract Times, to the extent that the existence of a differing subsurface or physical condition, or any related delay, disruption, or interference, causes an increase or decrease in Contractor's cost of, or time required for, performance of the Work. Contractor shall

not be entitled to any adjustment in the Contract Price or Contract Times if Contractor knew of, or should have known of, the existence of the condition prior to entry into the Contract.

- B. After receipt of notice regarding a possible differing subsurface or physical condition, Engineer will promptly:
  - 1. Review the condition in question;
  - 2. Determine if it is necessary for Owner to obtain additional exploration or tests with respect to the condition;
  - 3. Determine whether the condition falls within one of the two differing site condition categories described in Paragraph 11.01.A.;
  - 4. Obtain any pertinent cost or schedule information from Contractor;
  - 5. Advise Owner of Engineer's findings, conclusions, and recommendations, including recommendations to Owner regarding the Contractor's resumption of Work in connection with the subsurface or physical condition in question, the need for any change in the Drawings or Specifications, and possible Contract Price or Contract Times adjustments.
- C. After receipt of Engineer's findings, conclusions, and recommendations, Owner shall issue a written statement to Contractor regarding the subsurface or physical condition in question, addressing the resumption of Work in connection with such condition, indicating whether any change in the Drawings or Specifications will be made, adopting or rejecting Engineer's written findings, conclusions, and recommendations, in whole or in part, and granting any equitable adjustment in Contract Times or Contract Price to which Contractor is entitled.

## ARTICLE 12—CLAIMS AND DISPUTE RESOLUTION

### 12.01 *Claims Process*

- A. The party submitting a claim shall deliver it directly to the other party to the Contract and the Engineer promptly (but in no event later than 10 days) after the start of the event giving rise thereto.
- B. The party receiving a claim shall review it thoroughly, giving full consideration to its merits. The two parties shall seek to resolve the claim through the exchange of information and direct negotiations. All actions taken on a claim must be stated in writing and submitted to the other party.
- C. If efforts to resolve a claim are not successful, the party receiving the claim may deny it by giving notice of denial to the other party. If the receiving party does not take action on the claim within 45 days, the claim is deemed denied.
- D. If the dispute is not resolved to the satisfaction of the parties, Owner or Contractor shall give notice to the other party of the intent to submit the dispute to a court of competent jurisdiction unless the Owner and Contractor both agree to an alternative dispute resolution process.

## ARTICLE 13—TESTS AND INSPECTIONS; CORRECTION OF DEFECTIVE WORK

### 13.01 *Tests and Inspections*

- A. Owner and Engineer will have access to the Site and the Work at reasonable times for observation, inspection, and testing. Contractor shall provide proper and safe conditions for such access.
- B. Contractor shall give Engineer timely notice of readiness of the Work for all required inspections and tests, and shall cooperate with inspection and testing personnel to facilitate required inspections and tests.
- C. Except as otherwise provided in the Contract Documents, Contractor shall be responsible for arranging, obtaining, and paying for all inspections and tests required: (1) by the Contract Documents; (2) by codes, laws, or regulations; (3) to attain Owner's and Engineer's acceptance of materials or equipment; and (4) to obtain Engineer's approval prior to purchase of materials, mix designs, or equipment.
- D. If any Work that is to be inspected, tested, or approved is covered by Contractor without written concurrence of Engineer, Contractor shall, if requested by Engineer, uncover such Work for observation. Such uncovering will be at Contractor's expense.

### 13.02 *Defective Work*

- A. Contractor warrants that the Work is not defective.
- B. Engineer has the authority to determine whether Work is defective, and to reject defective Work.
- C. Prompt notice of all defective Work of which Owner or Engineer has actual knowledge will be given to Contractor.
- D. The Contractor shall promptly correct all defective Work.
- E. When correcting defective Work, Contractor shall take no action that would void or otherwise impair Owner's warranty and guarantee on said Work.
- F. If the Work is defective or Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, then Owner may order Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated.

## ARTICLE 14—PAYMENTS TO CONTRACTOR

### 14.01 *Progress Payments*

- A. Contractor shall prepare a schedule of values that will serve as the basis for progress payments. The schedule of values will be in a form acceptable to Engineer. Lump sum items will be broken into units that allow for measurement of Work in progress. For unit price work, the unit price breakdown in Article 5 will be used as the schedule of values.

### 14.02 *Applications for Payments*

- A. Contractor shall submit signed applications for payment to Engineer monthly, in a form acceptable to the Engineer. Contractor shall provide supporting documentation required by

the Contract Documents. Owner will pay for Work completed as of the date of the application for payment.

- B. Beginning with the second application for payment, each application must include an affidavit of Contractor stating that all previous progress payments have been applied to discharge Contractor's obligations associated with the prior applications for payment.

#### 14.03 *Retainage*

- A. The Owner shall retain 10% of each progress payment until the Work is substantially complete.

#### 14.04 *Review of Applications*

- A. Within 10 days after receipt of each application for payment, Engineer will either recommend payment and present the application for payment to Owner, or return the application for payment to Contractor indicating Engineer's reasons for refusing to recommend payment. The Contractor will make the necessary corrections and may resubmit the application for payment.
- B. Engineer will recommend reductions in payment (set-offs) which, in the opinion of the Engineer, are necessary to protect Owner from loss because the Work is defective and requires correction or replacement.
- C. The Owner is entitled to impose set-offs against payment based on any claims that have been made against Owner, or any incurred costs, losses, or damages, on account of Contractor's conduct in the performance of the Work; for defective Work; or for liquidated damages that have accrued as a result of Contractor's failure to complete the Work.

#### 14.05 *Contractor's Warranty of Title*

- A. Contractor warrants and guarantees that title to all Work, materials, and equipment furnished under the Contract will pass to Owner free and clear of (1) all liens and other title defects, and (2) all patent, licensing, copyright, or royalty obligations, no later than 7 days after the time of payment by Owner.

#### 14.06 *Substantial Completion*

- A. When Contractor considers the Work ready for its intended use, Contractor shall request that Engineer issue a certificate of substantial completion. Contractor shall at the same time submit to Owner and Engineer an initial draft of punch list items to be completed or corrected before final payment.
- B. Promptly after Contractor's request, Engineer will inspect the Work with Owner and Contractor to determine the status of completion. If Engineer does not consider the Work substantially complete, Engineer will notify Contractor and Owner of the reasons for Engineer's decision.
- C. If Engineer considers the Work substantially complete, or upon resolution of all reasons for non-issuance of a certificate, Engineer will deliver to Owner and Contractor a certificate of substantial completion that will fix the date of substantial completion and include a punch list of items to be completed or corrected before final payment.

#### 14.07 *Final Inspection*

- A. Upon notice from Contractor that the entire Work is complete, Engineer will promptly make a final inspection with Owner and Contractor, and will notify Contractor of all particulars in which this inspection reveals that the Work is incomplete or defective. Contractor shall immediately take such measures as are necessary to complete such Work and remedy such defects.

#### 14.08 *Final Payment*

- A. Contractor may make application for final payment after satisfactorily completing all Work, including providing all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance, certificates of inspection, annotated record documents, and other documents.
- B. The final application for payment must be accompanied (except as previously delivered) by:
  - 1. All documentation called for in the Contract Documents;
  - 2. Consent of the surety to final payment;
  - 3. Satisfactory evidence that all title issues have been resolved such that title to all Work, materials, and equipment has passed to Owner free and clear of any liens or other title defects, or will so pass upon final payment;
  - 4. A list of all pending claims; and
  - 5. Complete and legally effective releases or waivers (satisfactory to Owner) of all lien rights arising out of the Work, and of liens filed in connection with the Work.
- C. The Work is complete (subject to surviving obligations) when it is ready for final payment as established by the Engineer's written recommendation of final payment and issuance of notice of the acceptability of the Work.

#### 14.09 *Waiver of Claims*

- A. By making final payment, Owner waives its claim or right to liquidated damages or other damages for late completion by Contractor, except as set forth in an outstanding claim, set-off, or express reservation of rights by Owner. Owner reserves all other claims or rights after final payment.
- B. The acceptance of final payment by Contractor will constitute a waiver by Contractor of all claims and rights against Owner other than those pending matters that have been duly submitted as a claim.

### ARTICLE 15—SUSPENSION OF WORK AND TERMINATION

#### 15.01 *Owner May Suspend Work*

- A. At any time and without cause, Owner may suspend the Work or any portion thereof for a period of not more than 60 consecutive days by notice to Contractor and Engineer. Such notice will fix the date on which Work will be resumed. Contractor shall resume the Work on the date so fixed. Contractor shall be entitled to an adjustment in the Contract Price or Contract Times, to the extent directly attributable to any such suspension.

15.02 *Owner May Terminate for Cause*

- A. Contractor's failure to perform the Work in accordance with the Contract Documents or other failure to comply with a material term of the Contract Documents will constitute a default by Contractor and justify termination for cause.
- B. If Contractor defaults in its obligations, then after giving Contractor and any surety 10 days' notice that Owner is considering a declaration that Contractor is in default and the termination of the Contract, Owner may proceed to:
  - 1. Declare Contractor to be in default, and give Contractor and any surety notice that the Contract is terminated; and
  - 2. Enforce the rights available to Owner under any applicable performance bond.
- C. Owner may not proceed with termination of the Contract under Paragraph 15.02.B if Contractor within 7 days of receipt of notice of intent to terminate begins to correct its failure to perform and proceeds diligently to cure such failure.
- D. Subject to the terms and operation of any applicable performance bond, if Owner has terminated the Contract for cause, Owner may exclude Contractor from the Site, take possession of the Work, incorporate in the Work all materials and equipment stored at the Site or for which Owner has paid Contractor but which are stored elsewhere, and complete the Work as Owner may deem expedient.
- E. In the case of a termination for cause, if the cost to complete the Work, including related claims, costs, losses, and damages, exceeds the unpaid contract balance, Contractor shall pay the difference to Owner.
- F. If Contractor has provided a performance bond, the provisions of that bond will govern over any inconsistent provisions of Paragraph 15.02.

15.03 *Owner May Terminate for Convenience*

- A. Upon 7 days' notice to Contractor, Owner may, without cause and without prejudice to any other right or remedy of Owner, terminate the Contract. In such case, Contractor shall be paid for the following, without duplication of any items:
  - 1. Completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, less any set-offs, and including fair and reasonable sums for overhead and profit on such Work;
  - 2. Expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses; and
  - 3. Other reasonable expenses directly attributable to termination, including costs incurred to prepare a termination for convenience cost proposal.
- B. Contractor shall not be paid for any loss of anticipated profits, or revenue, post-termination overhead costs, or other economic loss arising out of or resulting from such termination.

#### 15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of Contractor, (1) the Work is suspended for more than 60 consecutive days by Owner or under an order of court or other public authority, or (2) Owner fails for 30 days to pay Contractor any sum finally determined to be due, then Contractor may, upon 7 days' notice to Owner, and provided Owner does not remedy such suspension or failure within that time, either stop the Work until payment is received, or terminate the Contract and recover payment from the Owner.

### ARTICLE 16—CONTRACTOR'S REPRESENTATIONS

#### 16.01 *Contractor Representations*

- A. Contractor makes the following representations when entering into this Contract:
  - 1. Contractor has examined and carefully studied the Contract Documents.
  - 2. Contractor has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
  - 3. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
  - 4. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that, without exception, all prices in the Contract are premised upon performing and furnishing the Work required by the Contract Documents.

### ARTICLE 17—MISCELLANEOUS

#### 17.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of notice to Owner, Engineer, or Contractor, such notice must be in writing, and delivered in person (by commercial courier or otherwise); by registered or certified mail; or by e-mail to the recipient, with the words "Formal Notice" or similar in the e-mail's subject line.

#### 17.02 *Cumulative Remedies*

- A. The duties and obligations expressly imposed by this Contract, and the rights and remedies expressly available to the parties under this Contract, are in addition to, and are not to be construed in any way as a limitation of, any duties, obligations, rights, or remedies otherwise imposed or available by laws or regulations, by warranty or guarantee, or by other provisions of the Contract.

#### 17.03 *Limitation of Damages*

- A. Neither Owner, Engineer, nor any of their officers, directors, members, partners, employees, agents, consultants, or subcontractors, shall be liable to Contractor for any claims, costs, losses, or damages sustained by Contractor on or in connection with any other project or anticipated project.

17.04 *No Waiver*

- A. A party's non-enforcement of any provision will not constitute a waiver of that provision, nor will it affect the enforceability of that provision or of the remainder of this Contract.

17.05 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract, as well as all continuing obligations indicated in the Contract, will survive final payment, completion, and acceptance of the Work or termination of the Contract or of the services of Contractor.

17.06 *Contractor's Certifications*

- A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or entering into the Contract.

17.07 *Controlling Law*

- A. This Contract is to be governed by the law of the state in which the Project is located. This Contract was drafted at the joint direction of the parties. The pronouns and relative words used herein are written in the neuter and singular. However, if more than one person or entity joins in this Contract on behalf of Contractor, or if a person of masculine or feminine gender joins in this Contract on behalf of Contractor, such words shall be interpreted to be in the plural, masculine or feminine as the sense requires.

In the event that any term, clause or provision of this Contract conflicts with any term, clause, or provision contained in any attachments to this Contract, this Contract's terms shall prevail. In the event any term, clause or provision of a standard, specification, manual, or code published or prepared by any entity other than Owner or its agents conflicts with any term, clause, provision or specification prepared by Owner or its agents, the term, clause, provision or specification prepared by the Owner or its agents shall prevail except as otherwise required by law.

References to standards, specifications, manuals, or codes of any technical society organization, or association shall mean the standard, specification, manual, code, or law or regulation in effect at the time of opening the Bid or the date of this Contract, whichever occurs first, except as otherwise stated or required by law or regulation. References to any law, rule, or regulation shall mean the law, rule, or regulation in effect at the time the Work or any portion thereof is performed by the Contractor.

17.08 *Terms*

- A. Terms used in this Agreement will have the meanings stated in the Federal Aviation Administration's Standard Specifications for Construction of Airports, as stated in the version of Advisory Circular Number 140/5370-10 as of the effective date of the Contract. Any reference to the Michigan Department of Transportation, Michigan Aeronautics Commission, or Bureau of Aeronautics in the Contract Documents with to any administrative function shall be interpreted to mean the Owner.

17.09 *Assignment of Contract*

- A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation,

money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

17.10 *Successors and Assigns*

- A. Owner and Contractor each bind itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

17.11 *Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

17.12 *Non-Discrimination*

- A. The parties agree not to discriminate against an employee or applicant for employment with respect to hire, tenure, terms, conditions or privileges of employment, or a matter directly or indirectly related to employment because of race, color, sexual orientation, gender identity, religion, national origin, age, sex, height, weight, family status, marital status, or physical or mental disability. Breach of this covenant may be regarded as a material breach of this Contract.

17.13 *Freedom of Information Act*

- A. The Contractor acknowledges that Owner may be required from time to time to release records in its possession by law. The Contractor hereby gives permission to Owner to release any records or materials received by the Owner as it may be requested to do so as permitted by the Freedom of Information Act, MCL 15.231 *et seq.* Provided, however, that the Contractor shall not be held liable for any reuse of the documents prepared by the Contractor under this Contract for purposes other than anticipated herein.

17.14 *Failure to Enforce.*

- A. Failure by Owner at any time to enforce the provisions of the Contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the Contract or any part thereof, or the right of Owner to enforce any provision at any time in accordance with its terms.

17.15 *Interpretation.*

- A. This Contract shall be governed by the laws of the State of Michigan, both as to interpretation and performance. This Contract was drafted at the joint direction of the parties. The pronouns and relative words used herein are written in the neuter and singular. However, if more than one person or entity joins in this Contract on behalf of Contractor, or if a person of masculine or feminine gender joins in this Contract on behalf of Contractor, such words shall be interpreted to be in the plural, masculine or feminine as the sense requires.

In the event that any term, clause or provision of this Contract conflicts with any term, clause, or provision contained in any attachments to this Contract, this Contract's terms shall prevail. In the event any term, clause or provision of a standard, specification, manual, or code published or prepared by any entity other than Owner or its agents conflicts with any term, clause, provision or specification prepared by Owner or its agents, the term, clause, provision or specification prepared by the Owner or its agents shall prevail except as otherwise required by law.

References to standards, specifications, manuals, or codes of any technical society organization, or association shall mean the standard, specification, manual, code, or law or regulation in effect at the time of opening the Bid or the date of this Contract, whichever occurs first, except as otherwise stated or required by law or regulation. References to any law, rule, or regulation shall mean the law, rule, or regulation in effect at the time the Work or any portion thereof is performed by the Contractor.

17.16 *Authority to Execute*

1. The parties agree that the signatories appearing below have the authority and are duly authorized to execute this Contract on behalf of the party to the Contract.

17.17 *Third Party Beneficiaries*

- A. This Contract confers no rights or remedies on any third party, other than the parties to this Contract and their respective successors and permitted assigns.

17.18 *Digital Signatures*

- A. The parties hereto acknowledge and agree under the Uniform Electronic Transactions Act, MCL 450.832, et seq. that this Contract may be executed with the electronic signature of any person authorized and required to sign on behalf of the parties hereto.

17.19 *Execution in Counterparts*

- A. This Contract may be executed in counterparts, each of which shall be an original and all of which shall constitute the same instrument.

17.20 *Costs and Expenses*

- A. Contractor shall be responsible for reasonable attorney fees and costs incurred by the Owner in connection with recovery under the bonds furnished by Contractor or any of its subcontractors under this Contract as well as any reasonable attorney fees and costs incurred by the Owner in connection with the Contractor's performance or failure to perform under this Contract. Costs that may be charged to the Contractor include, but are not limited to, all costs and expenses incurred by the Owner in connection with performing any portion of the Work that the Contractor fails and refuses to perform following notice to the Contractor. In case of an emergency, where in the opinion of the Engineer, delay would cause serious loss or damage, or presents a safety hazard to the air traveling public, corrective work may be undertaken without advance notice to Contractor, and Contractor shall be liable for all costs and expenses incurred. The remedies set forth in this paragraph are cumulative of any other remedies the Owner may have.



## SECTION 01010

## SUMMARY OF WORK

## PART 1 GENERAL

## 1.01 WORK COVERED BY CONTRACT DOCUMENTS

The Work consists of providing all labor, materials, superintendence, equipment, and services necessary to complete all construction and installation for the project as indicated on the drawings and specified herein. The Work includes, but is not necessarily limited to, the following:

## A. Mobilization:

Contractor shall provide mobilization of sufficient labor, equipment, and material to adequately advance the Work, furnish all materials, labor, tools, and equipment necessary for the assembling and setting up for the project and demobilization equipment at the completion of the project.

Coordinate testing, inspection, and survey with Engineer.

The Contractor shall be responsible for obtaining and complying with all necessary permits required to execute the construction including but not limited to: mining permits for off-site borrow materials, highway permits, and all required Work permits. Fines levied by regulators for the Contractor's failure to comply shall be the responsibility of the Contractor at no cost to the Owner or Engineer.

## B. Security and Fence Demolition &amp; Installation:

Perform all materials, labor, equipment, tools, and incidentals necessary to maintain compliance with all airport safety and security requirements, including installation of the temporary perimeter fence and removal of the existing perimeter fence.

## C. Excavation

Contractor shall provide all equipment, personnel, labor, materials, and all else required to excavate the PFAS-impacted soils.

## D. Transportation - Alternate A

Contractor shall provide all equipment, personnel, labor, materials, and all else required to transport the PFAS-impacted soils for disposal at Wexford County Landfill (Manton, Michigan).

## E. Transportation - Alternate B

Contractor shall provide all equipment, personnel, labor, materials, and all else

required to transport the PFAS-impacted soils for disposal at Glen's Sanitary Landfill (Maple City, Michigan).

F. Backfill and Compaction

Contractor shall provide all equipment, personnel, labor, materials, and all else required to replace all impacted soil and compact to the elevations and limits shown in the specifications and as directed by the Engineer.

1.02 CONTRACTS

All work will be awarded under one contract.

1.03 ALTERNATES

No alternative bids will be considered for this project.

1.04 FUTURE WORK

Future work on the airport terminal expansion (Concourse B) will occur in the same area as the work requested under this Contract. Coordination with the Owner and Owner representative's (Engineer and others) is anticipated to ensure a smooth transition from the soil removal to the terminal expansion project.

1.05 WORK SEQUENCE

Soil removal activities to the west of the existing perimeter fence must be completed prior to April 12, 2026. No other prescribed work sequence beyond typical and ordinary construction sequencing is specified for this project.

1.06 COORDINATION

Coordinate all work with the Owner to minimize any inconvenience to Owner.

1.07 AVAILABILITY OF LANDS

All work will take place on property owned or controlled by the Owner.

1.08 PRE-ORDERED ITEMS

No items have been pre-ordered for this project.

1.09 OWNER FURNISHED ITEMS

Owner will directly pay tipping fees for disposal at Wexford County Landfill (Manton, Michigan).

1.10 PROJECT IDENTIFICATION AND SIGNS

No project identification signs are required or will be allowed without approval of Owner.

1.11 PRECONSTRUCTION CONDITIONS:

Existing site conditions and topographic contours depicted on the contract drawings are based on a survey completed by Engineer in August 2020. A meeting including safety/security procedures with the NRAA will be required before the Notice to Proceed is provided.

1.12 CONSTRUCTION PROCEDURES:

#### A. Survey

The Contractor's Surveyor shall establish necessary survey base lines and control points to complete the Work as shown on the drawings.

#### B. Construction

The Contractor is expected to excavate and construct to the grades and lines shown and specified on the Contract Drawings and in accordance with these specifications. Any deviations from the drawings or specifications require the prior approval of the Owner and the Engineer and must be documented by "record" revisions to the drawings.

#### C. Disposing and Stockpiling of Materials

The Contractor shall be responsible for making all arrangements for and/or coordinating the disposal/stockpiling of excavated material and stockpiling fill materials as specified or as directed by the Owner or the Engineer.

#### D. Maintenance of Roads, Haul Roads, Access Ramps

The Contractor shall be responsible for maintenance, including filling, grading, repairs, traffic control, cleaning, sweeping and restoration of all on-site and off-site roads, haul roads, access ramps, etc. used for its operations. The Contractor's operations shall not block or disrupt on-site or off-site traffic flow of either the Owner's operations or the public without the written authorization/approval of the Owner.

#### E. Site Access

The Contractor may access the Site from the east off Airport Access Road. Access outside of normal working hours must be coordinated with the Owner. Access to adjacent business shall be maintained at all times.

#### F. Maintenance of Existing Site Drainage

The Contractor shall be responsible for providing all temporary ditches, piping, pumps, controls, operational equipment and personnel, flow monitoring, etc. required and acceptable to the Owner to bypass or maintain existing site surface water drainage or groundwater during the course of the project. The Contractor shall not disrupt or cause backup of surface water flow both on-site and off-site without the written authorization/approval of the Owner and the Engineer.

### 1.13 INDEPENDENT TESTING LABORATORY(S)

Where the term Independent Testing Laboratory(s) is used, it means a testing laboratory(s), who by contract with the Contractor (or supplier/subcontractor), shall perform quality control and quality assurance testing.

Tests that are not specified as to be completed by the INDEPENDENT TESTING LABORATORY will be completed by the Engineer. The CQA Engineer will also perform in place moisture density testing of the compacted soil materials.

END OF SECTION

# SOIL REMOVAL ACTION

FOR

## VAP-2 PFAS REMEDIATION AREA

TRAVERSE CITY, GRAND TRAVERSE COUNTY, MICHIGAN



PROJECT LOCATION

**VICINITY MAP**  
SCALE

### OWNER

NORTHWEST REGIONAL AIRPORT AUTHORITY  
727 FLY DON'T DRIVE  
TRAVERSE CITY, MI 49686  
CONTACT: BOB NELESON, PE  
231.947.2250

### ENGINEER

GOSLING CZUBAK ENGINEERING SCIENCES, INC.  
1280 BUSINESS PARK DRIVE  
TRAVERSE CITY, MICHIGAN, 49686-8607  
231.946.9191 - 800.968.1062  
www.goslingczubak.com info@goslingczubak.com  
CONTACT: ADAM SEGERLIND, PE

### UTILITY CONTACTS

NAME OF OWNER	TYPE OF UTILITY
DJTE ENERGY (800) 477-4747	GAS
CONSUMER'S ENERGY (800) 477-5050	ELECTRIC
SPECTRUM (855) 707-7328	CABLE TV
AT&T (800) 288-2020	TELEPHONE
GRAND TRAVERSE COUNTY DPW (231) 995-6039	SEWER & WATER
TRAVERSE CITY LIGHT & POWER (231) 922-4940	ELECTRIC



Know what's below.  
Call before you dig.



**LOCATION MAP**  
NOT TO SCALE

### SHEET INDEX

- COVER SHEET
- C1 CONSTRUCTION SAFETY & PHASING PLAN (CSPP)
- C2 TEMPORARY FENCE DETAIL
- C3 CSPP NOTES
- E1 DEMOLITION PLAN
- E2 EXCAVATION PLAN
- S1 SIGN SPECIFICATION - PROHIBITED VEHICLE ACCESS



## PFAS SOIL REMOVAL ACTION

Issue Date  
Jan 19, 2026

Project No.  
250258.01

Sheet  
**1**

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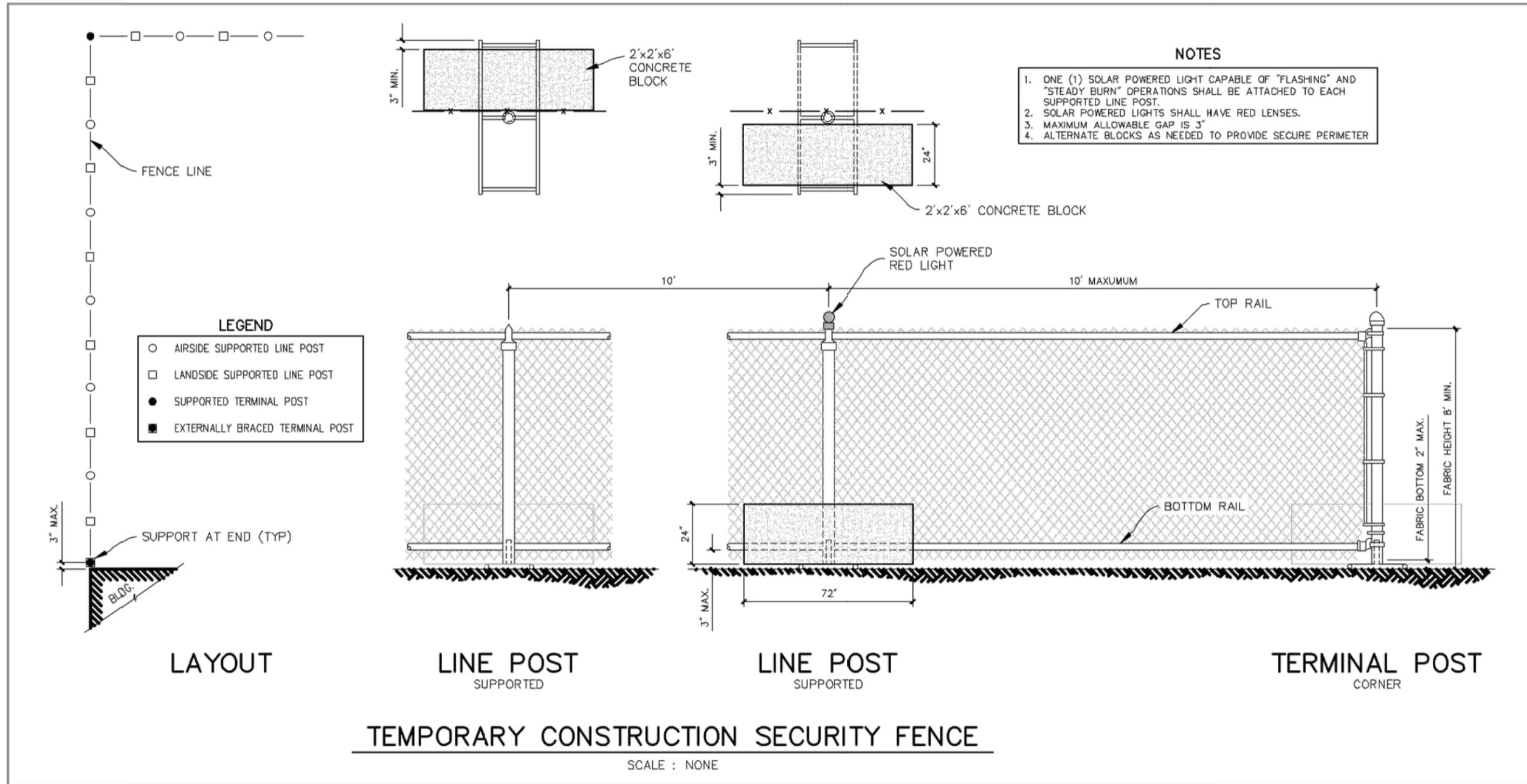


Job #:	250258.01
Date:	1/19/2026
Scale:	1" = 100'
Drawn:	DJT
Chk'd:	AES
Rev.:	2/5/2026

**CONSTRUCTION SAFETY & PHASING PLAN**  
**PFAS Soil Removal Action**  
**Northwest Regional Airport Authority**

Location:  
PART OF SECTION 12,  
T 27 N, R 11 W,  
GARFIELD TOWNSHIP,  
GRAND TRAVERSE COUNTY, MICHIGAN  
Sheet C1

P:\250258\CADD-Data\C3D\250258 site plan.dwg Tab: C2 Temp Fence Saved by: aesegeind 2/5/2026 10:48 AM Plotted by: Adam Segerind 2/5/2026 10:49 AM



**CONTRACT TIME**

- 1. THE PROJECT IS EXPECTED TO BE STARTED AND FINISHED IN FALL 2024

**PROJECT DESCRIPTION**

- 2. THIS PROJECT IS GENERALLY DESCRIBED AS SOIL EXCAVATION AND BACKFILL WITH THE INSTALLATION OF TWO MONITORING WELLS.

**COORDINATION**

- 3. THE CONTRACTOR SHALL HAVE A PROJECT SUPERINTENDENT ON SITE AT ALL TIMES WORK IS IN PROGRESS. THE CONTRACTOR'S SUPERINTENDENT SHALL BE RESPONSIBLE FOR OPERATIONAL SAFETY AND SECURITY.
- 4. SHOULD CHANGES IN THE SCOPE OR DURATION OF THE PROJECT OCCUR MAKING REVISIONS TO THE CONSTRUCTION SAFETY PHASING PLAN (CSPP) NECESSARY, THE REVISED (CSPP) MAY BE REVIEWED AND APPROVED BY THE AIRPORT AND THE (FAA) PRIOR TO ISSUING A CONTRACT MODIFICATION.
- 5. ALL PHASES AND CLOSURES SHALL BE COORDINATED WITH AIRPORT OPERATIONS AT LEAST 24 HOURS IN ADVANCE.
- 6. CONTRACTOR SHALL PROVIDE PROGRESS SCHEDULE PRIOR TO COMMENCING THE WORK.
- 7. THE CONTRACTOR SHALL MAKE ALL INQUIRIES NECESSARY SO THAT THEIR PROPOSAL SHALL BE BASED UPON FULL KNOWLEDGE AND ESTIMATION OF THE CONDITIONS AND REQUIREMENTS TO BE MET.
- 8. (FAA) (ATO)/OPERATIONS CONTACT IS SCOTT MCCOWAN AT (517) 304-8996. THE CONTRACTOR SHALL COORDINATE ANY CSPP CHANGES WITH THE FAA THROUGH THE AIRPORT. THIS INFORMATION IS PROVIDED FOR EMERGENCY USE ONLY.
- 9. TWO-WAY RADIO COMMUNICATIONS SHALL ONLY BE PERFORMED BY CONTRACTOR STAFF WHO HAVE BEEN TRAINED TO DO SO BY AIRPORT OPERATIONS STAFF. CONTRACTOR SHALL NOT USE ANY ELECTRONIC EQUIPMENT THAT INTERFERES WITH AIRPORT COMMUNICATIONS OR NAVIGATION.

**PHASING**

- 10. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE SAFETY AND PHASING PLAN. ALL WORK SHALL BE PHASED AND COMPLETED IN ACCORDANCE WITH THE PHASING PLANS. THE CONTRACTOR MUST MAINTAIN OPERATIONAL SAFETY ON THE AIRPORT DURING CONSTRUCTION IN ACCORDANCE WITH THE CURRENT VERSION OF FAA AC 150/5370-2, AND IN ACCORDANCE WITH THE CONTRACTOR'S SUBMITTED SAFETY PLAN COMPLIANCE DOCUMENT (SPCD). THE SPCD SHALL BE SUBMITTED AT THE PRE-CONSTRUCTION MEETING.

**AREA AND OPERATIONS AFFECTED BY CONSTRUCTION ACTIVITY**

- 11. CONTRACTOR SHALL IMMEDIATELY NOTIFY CHERRY CAPITOL AIRPORT OF ANY CONDITION THAT MAY, IN THE CONTRACTOR'S OPINION, ADVERSELY AFFECT OPERATIONAL SAFETY.

**NAVIGATION AID PROTECTION**

- 12. CONTRACTOR SHALL NOT WORK INSIDE NAVIGATIONAL AID (NAVAID) CRITICAL AREAS WITHOUT CLEARANCE FROM AIRPORT OPERATIONS. OPERATIONS WILL COORDINATE NOTAMS AND CLOSURES WITH THE LOCAL FEDERAL AVIATION ADMINISTRATION (FAA) STAFF. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT NAVAIDS, LIGHTS, AND SIGNS FROM DAMAGE. DAMAGE TO ANY NAVAID EQUIPMENT OR UNDERGROUND UTILITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE FIXED, REPLACED, OR REPAIRED AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL PROVIDE TEMPORARY POWER TO FAA EQUIPMENT IF POWER LOSS RESULTS FROM CONSTRUCTION OPERATIONS.

**CONTRACTOR ACCESS**

- 13. THE CONTRACTOR SHALL LIMIT ACCESS INTO THE AIRPORT TO AUTHORIZED PERSONNEL ONLY. THE CONTRACTOR SHALL PROVIDE TRAINED PERSONNEL AT ACCESS GATES WHENEVER THOSE GATES ARE IN USE BY CONSTRUCTION PERSONNEL. IF A GATE ATTENDANT IS USED, THE CONTRACTOR WILL BE REQUIRED TO LOG THE ENTRANCE INTO AND EXIT FROM THE CONSTRUCTION AREA OF ALL CONSTRUCTION VEHICLES. VEHICLE TRAFFIC TO BE LOGGED SHALL INCLUDE BUT NOT BE LIMITED TO DELIVERY VEHICLES, CONSTRUCTION OBSERVERS, CONTRACTOR VEHICLES, AND OTHER CONSTRUCTION VEHICLES. INFORMATION TO BE LOGGED SHALL INCLUDE BUT NOT BE LIMITED TO LICENSE PLATE, OPERATOR NAME, BADGE NUMBER, TIME, AND COMPANY. IF NO ATTENDANT IS USED, THE VEHICLE OPERATOR IS REQUIRED TO STOP AND WAIT AFTER ENTERING OR EXITING A VEHICLE GATE TO ENSURE NO UNAUTHORIZED PERSONS OR VEHICLES ENTER THE AOA OR THE SECURED/SIDA AREA. THE VEHICLE MUST REMAIN STOPPED FOR FIVE SECONDS AFTER GATE HAS CLOSED TO VERIFY GATE DID NOT BOUNCE BACK OPEN. ACCESS THROUGH SECURE GATES WILL BE COORDINATED WITH AIRPORT OPERATIONS. KEYS AND/OR CARDS WILL BE ISSUED FOR CONSTRUCTION ACCESS. THE SECURITY PERSON SHALL BE POSITIONED AT THE GATE ENTRANCE TO INSPECT ALL TRAFFIC AND SHALL KEEP THE GATE CLOSED AT ALL TIMES UNTIL IDENTIFICATION, INSPECTION, AND CLEARANCE HAVE BEEN PERFORMED. THE GATE WILL BE OPENED FOR PASSAGE AND IMMEDIATELY CLOSED UNTIL THE NEXT VERIFICATION. AT THE END OF THE

DAY THE SUPERINTENDENT OR SECURITY PERSON MUST AUDIT THE GATE LIST TO MAKE SURE EVERY WORKER IS ACCOUNTED FOR. CONTRACTOR IS ADVISED TO VERIFY GATES ARE CLOSED AND LOCKED WHEN NOT IN USE AND DOCUMENT THE VERIFICATION IN GATE LOGS. CONTRACTOR WILL BE RESPONSIBLE FOR ALL FINES LEVIED AGAINST OR BY THE AIRPORT RESULTING FROM THE CONTRACTOR'S FAILURE TO MAINTAIN GATE SECURITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACCESS AND STORAGE WITH OTHER CONTRACTORS WHO MAY BE WORKING AT THE AIRPORT.

- 14. ENTRANCE OF MULTIPLE CONSTRUCTION VEHICLES INTO THE AOA SHALL ONLY BE ACCOMPLISHED BY CHERRY CAPITAL AIRPORT APPROVED ESCORT PROCEDURES.
- 15. ALL AUTHORIZED VEHICLES AND EQUIPMENT REQUIRED TO WORK INSIDE SECURE AREAS SHALL HAVE A SIGN ON BOTH SIDES CONTAINING THE CONTRACTOR'S COMPANY NAME AND VISIBLY EQUIPPED WITH A YELLOW FLASHING STROBE LIGHT IN ACCORDANCE WITH THE CURRENT EDITION OF AC 150-5210-5. PRIVATE VEHICLES OF THE CONTRACTOR'S PERSONNEL WILL NOT BE ALLOWED WITHIN THE SECURITY AREA AND SHALL BE KEPT IN THE DESIGNATED PARKING AREA. ALL EQUIPMENT OPERATORS WORKING ON THE AIRFIELD MUST HAVE COMPLETED NON-MOVEMENT (VIDEO, TEST) DRIVERS TRAINING OR BE ESCORTED BY AN INDIVIDUAL WHO HAS COMPLETED DRIVERS TRAINING BEFORE OPERATING ON THE AIRFIELD. DRIVERS TRAINING WILL BE OFFERED EVERY WEDNESDAY MORNING AND AFTERNOON WHEN SCHEDULED 48 HOURS IN ADVANCE WITH AIRPORT OPERATIONS. ALL CONSTRUCTION EMPLOYEES REQUIRED TO DRIVE IN THE AOA SHALL BE TRAINED AND BADGED FOR AIRPORT VEHICLE SAFETY PRIOR TO STARTING WORK. TRAINING MAY INCLUDE VIDEO INSTRUCTION AND FIELD INSTRUCTION. TRAINING WILL INCLUDE INSTRUCTIONS FOR ESCORTING OTHER VEHICLES, AIRPORT REQUIREMENTS, IDENTIFICATION BADGES FOR PERSONNEL IN ACCORDANCE WITH THE AIRPORT'S ADOPTION OF 49 CFR PART 1542, AIRPORT SECURITY, AND VEHICLE PERMITS, IF REQUIRED.
- 16. ALL CONTRACTOR EMPLOYEES WILL BE REQUIRED TO OBTAIN SECURITY BADGES (AOA OR SIDA). A LIST OF CONDITIONS MAY BE OBTAINED FROM THE AIRPORT.
- 17. WHEN NOT IN USE AND DURING NON-WORKING HOURS, CONTRACTOR'S EQUIPMENT SHALL BE PARKED WITHIN THE CONTRACTOR'S STAGING AND STORAGE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY AND SECURITY OF HIS STORAGE AREA AND ALL CONSTRUCTION AREAS. THE CONTRACTOR SHALL CONFINE THE STOCKPILING OF MATERIAL TO THE STAGING AND STORAGE AREA OR LOCATION DESIGNATED BY ENGINEER.
- 18. ACCESS FOR CONSTRUCTION OPERATIONS SHALL BE FROM JUDSON STREET, ALONG SOUTHERN EDGE OF PERIMETER FENCE (LAND SIDE).

**WILDLIFE MANAGEMENT**

- 19. CONTRACTOR SHALL COLLECT AND DISPOSE OF ALL LUNCH WRAPPERS, FOOD, AND OTHER WILDLIFE ATTRACTANTS AS NOTED IN AIRPORT RULES AND REGULATIONS. CONTRACTOR PERSONNEL SHALL BE AWARE OF AND AVOID CONSTRUCTION ACTIVITIES THAT CAN CREATE WILDLIFE HAZARDS ON AIRPORTS INCLUDING CREATING AREAS OF STANDING WATER AND TALL GRASS. CONTRACTOR SHALL NOTIFY THE AIRPORT IF DEER, BIRDS, OR OTHER WILDLIFE ARE OBSERVED INSIDE THE AIRPORT PERIMETER FENCE.

**FOREIGN OBJECT DEBRIS**

- 20. MATERIAL TRACKED OR OTHERWISE DEPOSITED ON ACTIVE PAVEMENTS BY CONSTRUCTION OPERATIONS SHALL BE REMOVED IMMEDIATELY IN ORDER TO PREVENT DAMAGE TO AIRCRAFT. ALL FOREIGN OBJECT DEBRIS (FOD) FOUND ON AIRCRAFT PAVEMENTS AND ADJACENT TO WORK AREAS SHALL BE SUFFICIENT CAUSE FOR THE OWNER TO STOP WORK. SAID OBJECTS SHALL BE REMOVED IMMEDIATELY AND PAVEMENTS SWEEPED OR VACUUMED PRIOR TO WORK RESTARTING.
- 21. THE CONTRACTOR SHALL CONTROL DUST FROM CONTRACTOR WORK AREAS BY VACUUM TYPE SWEEPING, WATERING, OR OTHER METHODS AS APPROVED BY THE ENGINEER. SHOULD THE CONTRACTOR FAIL TO ADEQUATELY CONTROL DUST, CONSTRUCTION SHALL BE SUSPENDED UNTIL THE CONTRACTOR SUBMITS A DUST CONTROL PLAN FOR AIRPORT APPROVAL. WORK SHALL NOT RESUME UNTIL THE APPROVED PLAN IS IMPLEMENTED.

**HAZARDOUS MATERIAL MANAGEMENT**

- 22. CONTRACTOR SHALL UNDERSTAND AIRPORT OPERATIONS HAZARDOUS MATERIALS MANAGEMENT PROCEDURES AND REPORT ANY SUSPICIOUS MATERIAL TO OPERATIONS IMMEDIATELY.
- 23. CONTRACTOR SHALL BE RESPONSIBLE FOR HANDLING AND CONTAINING FUEL, OIL, AND OTHER HAZARDOUS MATERIALS DELIVERED TO THE AIRPORT FOR CONTRACTOR OPERATIONS. MATERIALS SHALL BE HANDLED IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY (EGLE), THE MICHIGAN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (MIOSHA), THE ENVIRONMENTAL PROTECTION AGENCY (EPA), OR OTHER AGENCIES WITH REGULATORY AUTHORITY OVER THE ASSOCIATED MATERIAL. ALL RELEASES OF CONTRACTOR'S MATERIALS SHALL BE REPORTED TO CHERRY CAPITAL AIRPORT IMMEDIATELY AND CLEANED UP BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CLEANUP COSTS INCLUDING FINES AND PENALTIES ASSESSED TO THE AIRPORT AS A RESULT OF THE RELEASE. CONTRACTOR SHALL SUBMIT COPIES OF ALL SAFETY DATA SHEETS ASSOCIATED WITH THE WORK TO THE ENGINEER PRIOR TO DELIVERY TO THE SITE.

**NOTIFICATION OF CONSTRUCTION ACTIVITIES**

- 24. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A NAME AND TELEPHONE NUMBER OF TWO (2) INDIVIDUALS THAT WILL BE AVAILABLE 24 HOURS A DAY, SEVEN DAYS A WEEK, FOR USE IN EMERGENCIES. THESE CONTACT PERSONS SHALL HAVE THE AUTHORITY TO IMMEDIATELY CORRECT ANY SAFETY OR SECURITY DEFICIENCY CAUSED BY THE CONTRACTOR OR THE CONTRACTOR'S ACTIVITIES, AS IDENTIFIED BY THE OWNER OR ENGINEER.
- 25. A FULL LIST OF RESPONSIBLE REPRESENTATIVES WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING. CONTRACTOR SHOULD CALL 911 FOR MEDICAL, FIRE, AND POLICE RESPONSE. IN CASE OF AN EMERGENCY, THE CONTRACTOR SHALL MAKE EVERY EFFORT TO REMOVE THE EQUIPMENT AND PERSONNEL FROM THE AFFECTED AREA AND ABIDE BY ANY DECISIONS CONCERNING EQUIPMENT AND PERSONNEL MADE BY THE OWNER OR ENGINEER. THE CONTRACTOR SHALL ALSO IMMEDIATELY NOTIFY KEVIN KLEIN, AIRPORT DIRECTOR AT (231) 947-2250.
- 26. CONTRACTOR SHALL IMMEDIATELY NOTIFY AIRPORT OPERATIONS OF ANY CONDITION THAT MAY, IN THE CONTRACTOR'S OPINION, ADVERSELY AFFECT OPERATIONAL SAFETY.
- 27. EMERGENCY, ARFF, AND OTHER AIRPORT VEHICLES WILL NOT BE DETOURED DUE TO THIS CONSTRUCTION PROJECT. EMERGENCY VEHICLES SHALL HAVE THE RIGHT-OF-WAY AT ALL TIMES. IN CASE OF AN AIRPORT EMERGENCY, CALL 911, THEN CONTACT AIRPORT OPERATIONS AT (231) 313-0928. ALL COMMUNICATIONS WITH AIRPORT RESCUE AND FIRE FIGHTING (ARFF) WILL BE DIRECTED THROUGH AIRPORT OPERATIONS.
- 28. CHERRY CAPITAL AIRPORT WILL COORDINATE NOTAMS AND CLOSURES.

**INSPECTION REQUIREMENTS**

- 29. OBSERVATIONS FOR CSPP COMPLIANCE WILL BE EXECUTED BY THE ENGINEER OR ENGINEER'S REPRESENTATIVE AS WELL AS THE AIRPORT. ULTIMATELY THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING HIS OWN WORK AND VERIFYING THAT THE WORK IS BEING COMPLETED PER THE CONTRACT DOCUMENTS.
- 30. INSPECTION OF THE SITE BY THE CONTRACTOR SHALL BE DONE ON A DAILY BASIS.
- 31. FINAL INSPECTIONS WILL BE CONDUCTED BY THE AIRPORT PERSONNEL AND THE ENGINEER. FINAL INSPECTIONS WILL NOT BE CONDUCTED UNTIL THE CONTRACTOR VERIFIES THAT ALL WORK HAS BEEN COMPLETED PER THE CONTRACT DOCUMENTS.

**UNDERGROUND UTILITIES**

- 32. CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING MISSDIG PRIOR TO STARTING WORK. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO DEMOLITION AND CONSTRUCTION.
- 33. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT UNDERGROUND UTILITIES. DAMAGE TO ANY EQUIPMENT OR UNDERGROUND UTILITY SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE FIXED, REPLACED, OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER.

**PENALTIES**

- 34. IF THE CONTRACTOR FAILS TO COMPLY WITH THE AIRPORT RULES AND REGULATIONS AND THE CSPP, CONSTRUCTION WILL BE SUSPENDED UNTIL THE CONTRACTOR DEMONSTRATES PROCEDURES ARE IN PLACE TO COMPLY AND THE MODIFIED PROCEDURES ARE ACCEPTED BY THE AIRPORT. FAILURE TO COMPLETE THE PROJECT ON TIME DUE TO THE CONTRACTOR'S INABILITY TO COMPLY WITH THE REQUIREMENTS NOTED HEREIN WILL NOT BE CONSIDERED AS A BASIS FOR ADDITIONAL TIME. INDIVIDUAL EMPLOYEES WHO DO NOT CONFORM AS NOTED HEREIN MAY BE FINED, SUSPENDED, OR ACCESS TO THE AOA REVOKED.
- 35. FAILURE TO COMPLY WITH SECURITY REQUIREMENTS WILL RESULT IN SUSPENSION OF THE CONTRACTOR'S OPERATIONS UNTIL A PLAN TO CORRECT THE DEFICIENCIES IS APPROVED BY THE ENGINEER AND OWNER. THE SUSPENSION SHALL NOT BE CAUSE FOR ADDITIONAL CONTRACT TIME.
- 36. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY FINES LEVIED AGAINST THE AIRPORT OR BY THE AIRPORT FOR SAFETY OR SECURITY VIOLATIONS WHICH ARE A RESULT OF THE CONTRACTOR'S FAILURE TO COMPLY WITH SECURITY REGULATIONS. SUCH FINES WILL BE PASSED ONTO THE CONTRACTOR AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PAY.
- 37. ALL DELIVERIES SHALL BE MADE TO THE CONTRACTOR'S STORAGE AREA.
- 38. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING BUILDINGS AND INFRASTRUCTURE FROM DAMAGE. DAMAGE TO ANY EXISTING INFRASTRUCTURE SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE FIXED, REPLACED OR REPAIRED AS DIRECTED BY THE ENGINEER.

**SPECIAL CONDITIONS**

- 39. SHOULD SUSPENSION OF CONSTRUCTION BECOME NECESSARY DUE TO LOW-VISIBILITY OPERATIONS, SNOW REMOVAL, AIRCRAFT IN DISTRESS, AIRCRAFT ACCIDENT, SECURITY BREACH, VEHICLE/PEDESTRIAN DEVIATION (VPD) OR OTHER CONDITIONS, THE AIRPORT RESERVES THE RIGHT TO NOTIFY THE CONTRACTOR AND ISSUE SPECIAL INSTRUCTIONS AS NECESSARY FOR THE SITUATION.

**RUNWAY AND TAXIWAY VISUAL AIDS**

- 40. THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT, CONTRACTOR

SHALL VERIFY THAT MARKING, LIGHTING, SIGNS, AND VISUAL NAVAIDS REMAIN IN PLACE AND OPERATIONAL AND CLEARLY MARKED AND VISIBLE AT ALL TIMES.

**ACCESS ROUTES - MARKING AND SIGNAGE**

- 41. THE CONTRACTOR SHALL COORDINATE HAUL ROUTES, CLOSURES AND SCHEDULES WITH OTHER PROJECTS WHICH MAY BE UNDERWAY DURING THE SAME TIME PERIOD AS THIS CONTRACT.
- 42. AIRCRAFT SHALL HAVE RIGHT-OF-WAY AT ALL TIMES. CARE SHALL BE TAKEN NOT TO ALLOW ANY PERSONS TO ENTER AREAS WHERE THERE IS POTENTIAL FOR AIRCRAFT BLAST.

**HAZARD MARKING, LIGHTING, AND SIGNAGE**

- 43. BARRICADES AND A TEMPORARY FENCE SHALL BE PLACED AS SHOWN ON THE PLANS. CONTRACTOR TO MAINTAIN BARRICADES IN WORKING ORDER AT ALL TIMES.

**PROTECTION RUNWAY AND TAXIWAY AREAS, ZONES, AND SURFACES**

- 44. WORK PERFORMED WITHIN THE RUNWAY SAFETY AREA (RSA) OR TAXIWAY OBJECT FREE AREA (TOFA) WILL REQUIRE CLOSURES OF THE RUNWAYS AND/OR TAXIWAYS AFFECTED AS INDICATED ON THE PLAN. ONLY THE AIRPORT CAN OPEN OR CLOSE AN AREA.
- 45. NO WORK MAY BE PERFORMED WITHIN A RUNWAY SAFETY AREA (RSA), TAXIWAY OBJECT FREE AREA (TOFA), RUNWAY OBJECT FREE AREA (ROFA), TAXIWAY SAFETY AREA (TSA), OBSTACLE FREE ZONE (OFZ), OR APPROACH AND DEPARTURE SURFACES WHILE OPEN FOR AIRCRAFT OPERATIONS. CONTRACTOR SHALL NOT BEGIN WORK IN THE ASSOCIATED SAFETY AREA UNTIL THE RUNWAY OR TAXIWAY HAS BEEN CLOSED AND BARRICADES AND/OR CLOSED MARKERS HAVE BEEN PLACED.
- 46. THIS PROJECT WILL NOT IMPACT RUNWAY OR TAXIWAY SAFETY AREAS.
- 47. RUNWAYS, TAXIWAYS, TAXILANES, AND APRONS WILL NOT RE-OPEN UNTIL ALL TRENCHES AND EXCAVATIONS HAVE BEEN BACKFILLED SUCH THAT NO SLOPE EXCEEDS FIVE PERCENT (5%) OR DROP EXCEEDS THREE (3) INCHES, PER MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) AND FEDERAL AVIATION ADMINISTRATION (FAA) GRADING STANDARDS AND SPECIFICATIONS.
- 48. CONTRACTOR SHALL NOT ENTER THE RUNWAY OBJECT FREE AREA (ROFA).
- 49. CONTRACTOR SHALL NOT CROSS, PROTRUDE, ENTER, OR BREAK THE PLANE OF THE OBJECT FREE ZONE (OFZ) OR THRESHOLD SURFACES WITH PERSONNEL, EQUIPMENT, AND/OR MATERIAL.

**OTHER LIMITATIONS ON CONSTRUCTION**

- 50. EQUIPMENT LOCATED WITHIN CONSTRUCTION AREAS SHALL NOT EXCEED TWENTY-FIVE (25) FEET IN HEIGHT, UNLESS OTHERWISE SPECIFIED.
- 51. CONTRACTOR SHALL NOT USE OPEN FLAME WELDERS OR TORCHES, ELECTRICAL BLASTING CAPS, OR FLARE POTS OUTSIDE OF THE STAGING AND STORAGE AREA WITHOUT APPROVAL BY THE AIRPORT. USE OF OPEN FLAME WELDERS OR TORCHES SHALL BE IN ACCORDANCE WITH THE CONTRACTOR'S CORPORATE POLICY AND PROJECT SAFETY PLAN. USE SHALL BE LIMITED TO AREAS WITH FIRE PROTECTION, AND CONTRACTOR SHALL PREVENT FIRES FROM STARTING AND LIMIT THE SPREAD IF ONE IS STARTED.
- 52. ALL AREAS WITHIN THE AOA AND BUILDING ARE NON-SMOKING AREAS.

**DEFINITIONS**

- AC - ADVISORY CIRCULAR
- AOA - AIR OPERATIONS AREA
- ARFF - AIRPLANE RESCUE & FIRE FIGHTING
- CFR - CODE OF FEDERAL REGULATIONS
- FAA - FEDERAL AVIATION ADMINISTRATION
- FOD - FOREIGN OBJECT DEBRIS
- TVC/AIRPORT - CHERRY CAPITAL AIRPORT OWNER - TVC
- NAVAID - NAVIGATIONAL AID
- NOTAM - NOTICE TO AIRMEN
- TSA - TRANSPORTATION SECURITY ADMINISTRATION

**Gosling Czubak**  
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CONSTRUCTION SERVICES | DRILLING | LANDSCAPE ARCHITECTURE

Job #: 250258.01  
Date: 1/19/2026  
Scale: NTS  
Drawn: DJT  
Ck'd: AES  
Rev:

**CSPP NOTES**  
**PFAS Soil Removal Action**  
**Northwest Regional Airport Authority**

Location:  
PART OF SECTION 12,  
T 27 N, R 11 W,  
GARFIELD TOWNSHIP,  
GRAND TRAVERSE COUNTY, MICHIGAN  
Sheet C3

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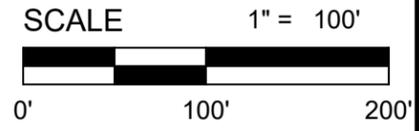
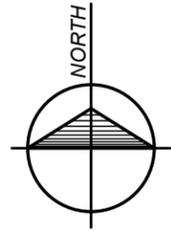
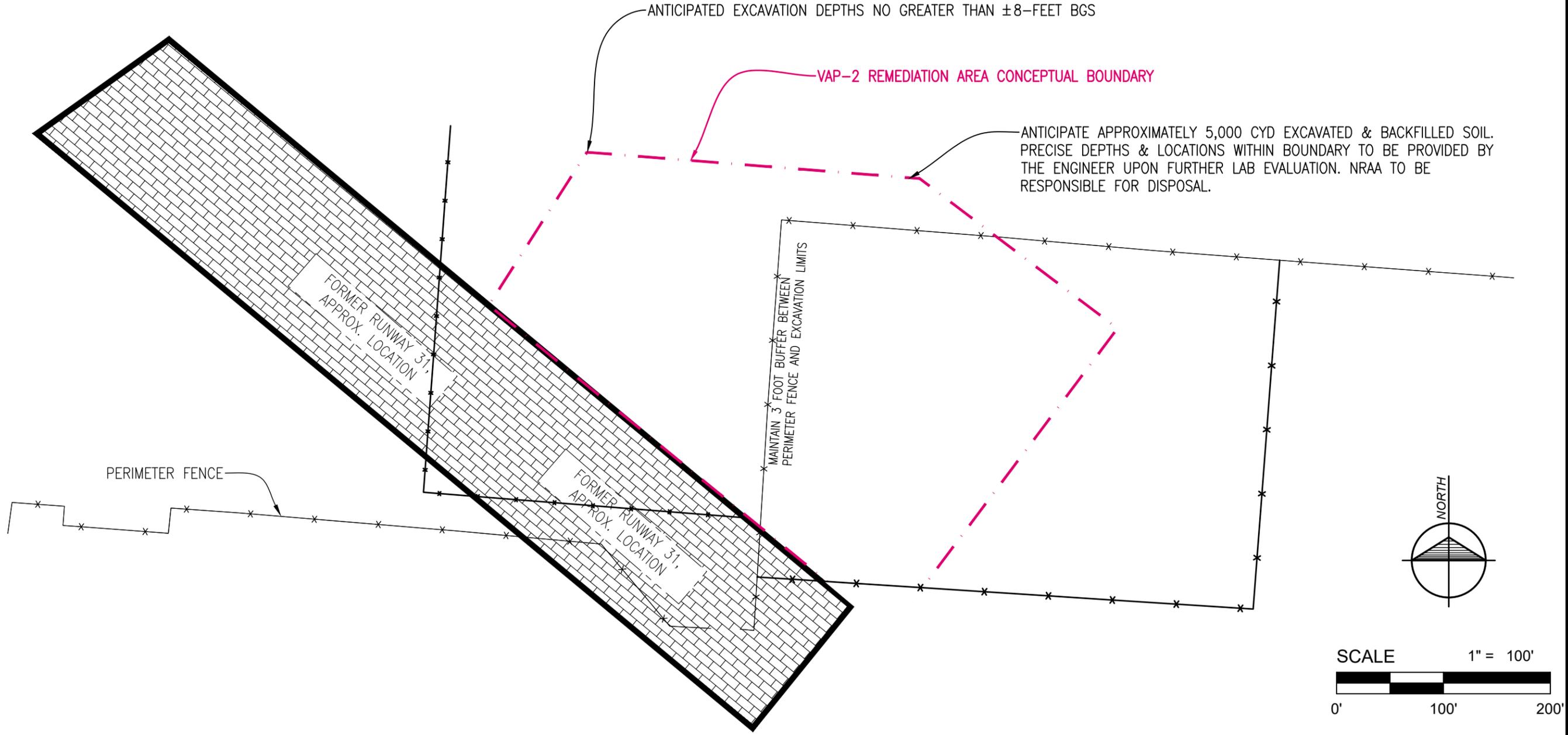
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Job #:	250258.01
Date:	1/19/2026
Scale:	1" = 300'
Drawn:	DJT
Chk'd.:	AES
Rev.:	2/4/2026

**Demolition Plan  
 PFAS Soil Removal Action  
 Northwest Regional Airport Authority**

Location:  
 PART OF SECTION 12,  
 T 27 N, R 11 W,  
 GARFIELD TOWNSHIP,  
 GRAND TRAVERSE COUNTY, MICHIGAN  
 Sheet E1A

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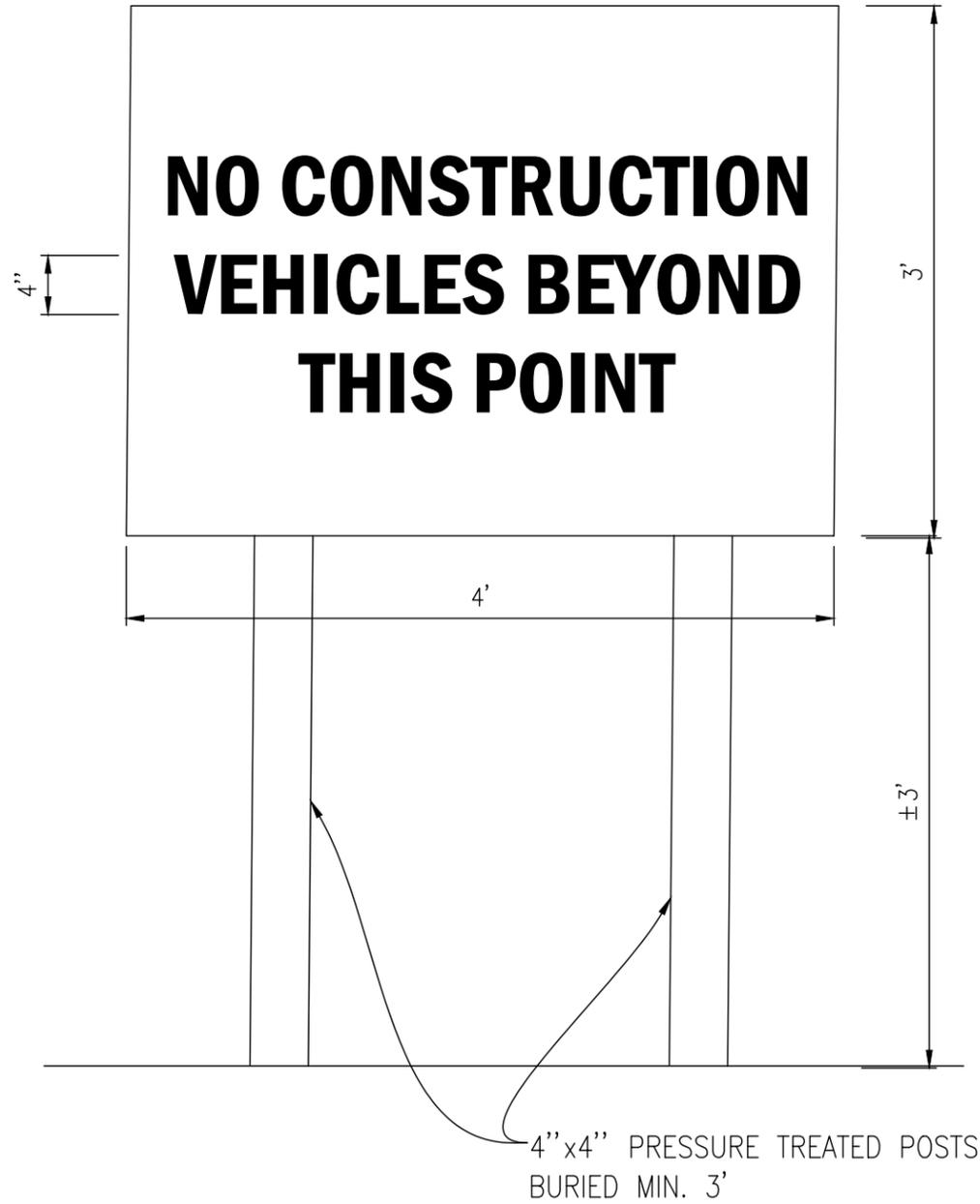
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Job #:	250258.01
Date:	1/19/2026
Scale:	1" = 100'
Drawn:	DJT
Chk'd.:	AES
Rev.:	

**Excavation Plan**  
**PFAS Soil Removal Action**  
**Northwest Regional Airport Authority**

Location:  
 PART OF SECTION 12,  
 T 27 N, R 11 W,  
 GARFIELD TOWNSHIP,  
 GRAND TRAVERSE COUNTY, MICHIGAN  
 Sheet E2



MATERIAL COMPOSITION & THICKNESS: SIGN SUBSTRATE SHALL BE FABRICATED FROM HIGH-GRADE 5052-H38 ALUMINUM ALLOY WITH A NOMINAL THICKNESS OF 0.075" (14 GAUGE). ALL EDGES MUST BE DE-BURRED AND CORNERS RADIUS TO 1" MINIMUM TO ENSURE SAFETY AND DURABILITY, OR AS APPROVED BY THE ENGINEER.

DIMENSIONAL STANDARDS: STANDARD SIGN DIMENSIONS ARE ESTABLISHED AT 4' x 3' (48" x 36") AS SHOWN IN THE DETAIL. MINOR DEVIATIONS IN HEIGHT OR WIDTH TO ACCOMMODATE SPECIFIC SITE AND SUPPLIER CONSTRAINTS ARE PERMISSIBLE, PROVIDED THEY MAINTAIN THE INTENDED VISUAL IMPACT.

LEGIBILITY & TEXT REQUIREMENTS: TO ENSURE COMPLIANCE WITH AIRPORT VISIBILITY STANDARDS, ALL PRIMARY MESSAGING AND HEADERS SHALL MAINTAIN A MINIMUM TEXT HEIGHT OF 4". TYPEFACE SHALL BE SANS-SERIF OR EQUIVALENT FOR HIGH-CONTRAST LEGIBILITY, AND ANY MODIFICATIONS TO FONT SIZE, WEIGHT, OR SPACING MUST BE APPROVED BY THE ENGINEER.

REGULATORY COMPLIANCE: ALL SIGNAGE DESIGNATED TO BE PLACED ON OR NEAR ROADWAYS ADJACENT TO OR WITHIN THE PROJECT SHALL BE IN CONFORMANCE WITH THE MOST RECENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND MDOT STANDARDS AND REQUIREMENTS

Job #:	250258.01
Date:	02/03/2026
Scale:	1" = 1'
Drawn:	DJT
Chk'd:	AES
Rev.:	

**Specification - Prohibited Vehicle Access  
 PFAS Soil Removal Action  
 Northwest Regional Airport Authority**

Location:  
 PART OF SECTION 12,  
 T 27 N, R 11 W,  
 GARFIELD TOWNSHIP,  
 GRAND TRAVERSE COUNTY, MICHIGAN  
 Sheet S1