GENESEE COUNTY PLANNING BOARD REFERRALS
NOTICE OF FINAL ACTION

GCDP Referral ID	**T-05-ALA-07-24**
Review Date	**7/11/2024**
Municipality	**ALABAMA, T.**
Board Name	**PLANNING BOARD**
Applicant's Name	**GCEDC/STAMP Waterworks Corp.**
Referral Type	**Site Plan Review**
Variance(s)	
Description:	**Site Plan Review for construction of a 500,000 gallon concrete fire water storage tank, gravel access drive, accessory buildings, and associated infrastructure installation to supply water to sprinkler systems within Science & Technology Advanced Manufacturing Park (STAMP).**
Location	**Crosby Rd., Alabama**
Zoning District	**Technology (TD-1) District**

PLANNING BOARD RECOMMENDS:

NO ACTION TAKEN

EXPLANATION:

No action was taken on this referral due to the inability of the County Planning Board to pass any motion with a majority of the whole number (5 of 9 members) on a specific recommendation.

Senior Planner

July 11, 2024
Date

If the County Planning Board disapproved the proposal, or recommends modifications, the referring agency shall NOT act contrary to the recommendations except by a vote of a majority plus one of all the members and after the adoption of a resolution setting forth the reasons for such contrary action. Within 30 days after the final action the referring agency shall file a report of final action with the County Planning Board. An action taken form is provided for this purpose and may be obtained from the Genesee County Planning Department.

SEND OR DELIVER TO:
GENESEE COUNTY DEPARTMENT OF PLANNING
3837 West Main Street Road
Batavia, NY 14020-9404
Phone: (585) 815-7901

DEPARTMENT USE ONLY:
GCDP Referral # T-05-ALA-07-24

* GENESEE COUNTY * PLANNING BOARD REFERRAL

RECEIVED
Genesee County
Dept. of Planning
7/1/2024

Required According to:
GENERAL MUNICIPAL LAW ARTICLE 12B, SECTION 239 L, M, N
(Please answer ALL questions as fully as possible)

1. REFERRING BOARD(S) INFORMATION

Board(s) Town of Alabma Planning Board
Address 2218 Judge Rd
City, State, Zip Oakfield, NY 14125
Phone (585) 948 - 9341 Ext.

2. APPLICANT INFORMATION

Name GCEDC/STAMP Waterworks Corp.
Address 99 Med Tech Dr. Suite 106
City, State, Zip Batavia, NY 14020
Phone (585) 343 - 2166 Ext. Email

MUNICIPALITY: ☐ **City** ■ **Town** ☐ **Village** **of** Alabama

3. TYPE OF REFERRAL: (Check all applicable items)

- ☐ Area Variance
- ☐ Use Variance
- ☐ Special Use Permit
- ■ Site Plan Review
- ☐ Zoning Map Change
- ☐ Zoning Text Amendments
- ☐ Comprehensive Plan/Update
- ☐ Other:

Subdivision Proposal
- ☐ Preliminary
- ☐ Final

4. LOCATION OF THE REAL PROPERTY PERTAINING TO THIS REFERRAL:

A. Full Address Part of 10-1-15.11
B. Nearest intersecting road STAMP Drive
C. Tax Map Parcel Number STAMP site part of 10-1-15.11
D. Total area of the property 1250 acres +/- Area of property to be disturbed 1 acre
E. Present zoning district(s) TD1

5. REFERRAL CASE INFORMATION:

A. Has this referral been previously reviewed by the Genesee County Planning Board?

■ NO ☐ YES If yes, give date and action taken

B. Special Use Permit and/or Variances refer to the following section(s) of the present zoning ordinance and/or law

C. Please describe the nature of this request Fire Water Tank for Edwards Genesee Project

6. ENCLOSURES – Please enclose copy(s) of all appropriate items in regard to this referral

- ■ Local application
- ■ Site plan
- ☐ Subdivision plot plans
- ☐ SEQR forms
- ☐ Zoning text/map amendments
- ☐ Location map or tax maps
- ☐ Elevation drawings
- ☐ Agricultural data statement
- ☐ New or updated comprehensive plan
- ☐ Photos
- ■ Other: Design June 2024 by CPL

7. CONTACT INFORMATION of the person representing the community in filling out this form (required information)

Name Carl Kumpf Title Planning Board Chairpers(Phone (585) 948 - 9341 Ext. 2
Address, City, State, Zip 2218 Judge Road Oakfield NY 14125 Email ckumpf21plngbrd@gmail.com

Permit # _____

Zoning Permit Fee $_____

Building Permit Fee $_____

Fee Total $_____

Town of Alabama

Genesee County, New York

Application For Zoning/Building Permit

Fill out the application with a black or blue ballpoint pen. ***Return the completed application to the Town Clerk***.
Once the application has been processed the Town Clerk will contact the applicant to inform them it is ready to be picked up and the cost of the permit. Permits must be picked up within two weeks from the date the town clerk notifies the applicant. If applicant fails to pick up the permit within the time stated the application will be returned to the Zoning/Building Officer and Voided. A new application will need to be submitted for the project. ***Permits Expire one year from the date it is issued.***

GCEDC / STAMP Water Works Corp. _____ ____/____/____

Property Owners Name (Print) **Property Owners Signature** **Date Submitted**

Property Owners Mailing Address 99 MedTech Dr, Suite 106 Batavia NY 14020

Owners Home Phone: 585-343-4866, ext. 17 Owners Cell Phone: 585-343-2166

Address of property where work will be done **if different** than mailing address _____

Contractors Name Unknown Contractors Phone Number _____

*Contractors MUST provide proof of Workers Compensation Insurance before starting work.

Nature of work: [X] New structure Water Tank [ ] Addition to _____ [ ] Remodel _____
(What is it? - is it Pre Fab or Stick built) (What) (Number of rooms)

[ ] Other (explain) _____

If a NEW dwelling: No. of Stories ____ No. of Families ____ Garage - Attached _____ Unattached _____ No.Cars _____

1. Solid Fuel Burring Units (what type) _____ Must provide MF installation manual
2. Remodeling – ---------- Total Sq. Ft. _____
3. Dimensions of addition _____ Ft. BY _____ Ft. Total Sq. Ft. _____
4. Dimensions of New structure _____ Ft By _____ Ft Total Sq Ft _____
5. Pools, Spas & Hot tubs _____ _____ Ft BY _____ Ft Depth _____
   (What is it? / If a pool above or in-ground)
6. **Size and Area of the lot** _____ Ft. BY _____ Ft. Total Sq. Ft. _____
   (Width / Depth) (Lot size must be feet not Acres)
7. **Zoning District** in which property is located - [ ] Agricultural / Residential [ ] Residential [ ] Commercial [ ] Industrial
   Part of WNY Science & Technology Advanced Manufacturing Park - [X] TD-1 [ ] TD-2 [ ] TD-3
8. **Tax Map #** 40-1-15.11 9. **Estimated cost of project** $_____ Lot creation date perTable1 Row ____
   (This will be provided by ZEO)

DO NOT WRITE BELOW THIS LINE, FOR OFFICIAL USE ONLY

Does the proposed construction or use violate any Town Zoning Law, Ordinance, or Regulation? _____
If yes give details _____

[ ] Approved Date I ____/____/____ Permit Expires ____/____/____ [ ] Denied Date ____/____/____

Reason Denied [ ] A is Variance required [ ] A Special Use Permit is required [ ] Other _____

_____
Signature of Zoning Enforcement Officer

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 - Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 - Project and Sponsor Information
GCEDC/STAMP Water Works Corp

Name of Action or Project:
STAMP Fire Water Storage Tank

Project Location (describe, and attach a location map):
STAMP part of 10-1-15.11

Brief Description of Proposed Action:
Construction of a 500,000 gallon concrete fire water storage tank, a control building and associated water mains (12" public supply & 24" sprinkler discharge) adjacent to Edwards Genesee project. This tank will be supplied water from the public water system, utilize a back-flow prevention device in the control building to separate the tank storage as it is intended to only supply sprinkler systems within STAMP.

Name of Applicant or Sponsor:	Telephone: 585-343-4866 ext. 17
GCEDC	E-Mail: mmasse@gcedc.gom

Address:
99 MedTech Drive, Suite 106

City/PO:	State:	Zip Code:
Batavia	NY	14020

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☑	☐
2. Does the proposed action require a permit, approval or funding from any other governmental Agency? If Yes, list agency(s) name and permit or approval: Site Plan Approval, Town of Alabama Planning Board, Department of Health Plan Approval	☐	☑

3.a. Total acreage of the site of the proposed action? 1 acres
b. Total acreage to be physically disturbed? 1 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 1250 acres

4. Check all land uses that occur on, adjoining and near the proposed action.
☐ Urban ☑ Rural (non-agriculture) ☑ Industrial ☑ Commercial ☑ Residential (suburban)
☐ Forest ☑ Agriculture ☐ Aquatic ☑ Other (specify): TD1, TD2, TD3
☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☑	☐

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area? If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation service(s) available at or near the site of the proposed action?	☑	☐
c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?	☑	☐

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: not appliable	☑	☐

	NO	YES
10. Will the proposed action connect to an existing public/private water supply? If No, describe method for providing potable water: _____	☐	☑

	NO	YES
11. Will the proposed action connect to existing wastewater utilities? If No, describe method for providing wastewater treatment: Not Applicable, water storage only.	☑	☐

	NO	YES
12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?	☑	☐
b. Is the proposed action located in an archeological sensitive area?	☑	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☑	☐
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody? If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____	☑	☐

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☑ Agricultural/grasslands ☐ Early mid-successional
☐ Wetland ☐ Urban ☐ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☑	☐

	NO	YES
16. Is the project site located in the 100 year flood plain?	☑	☐

	NO	YES
17. Will the proposed action create storm water discharge, either from point or non-point sources? If Yes, a. Will storm water discharges flow to adjacent properties? ☐ NO ☐ YES	☑	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? If Yes, briefly describe: ☐ NO ☐ YES		

	NO	YES
18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)? If Yes, explain purpose and size: _____	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe: _____	☑	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe: _____	☑	☐

I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor name: Mark Masse Date: 7/1/2024

Signature: _____

PRINT FORM

Agency Use Only [If applicable]

Project: FIRE Tank GCEDC

Date: 7/1/24

Short Environmental Assessment Form
Part 2 - Impact Assessment

Part 2 is to be completed by the Lead Agency.
Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

	No, or small impact may occur	**Moderate to large impact may occur**
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	☑	☐
2. Will the proposed action result in a change in the use or intensity of use of land?	☐	☑
3. Will the proposed action impair the character or quality of the existing community?	☑	☐
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	☑	☐
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	☑	☐
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	☑	☐
7. Will the proposed action impact existing: a. public / private water supplies?	☑	☐
b. public / private wastewater treatment utilities?	☑	☐
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	☑	☐
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	☑	☐
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	☑	☐
11. Will the proposed action create a hazard to environmental resources or human health?	☑	☐

PRINT FORM

Agency Use Only [If applicable]

Project: Fire Tank GCEDC

Date: 7/1/24

Short Environmental Assessment Form
Part 3 Determination of Significance

For every question in Part 2 that was answered "moderate to large impact may occur", or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

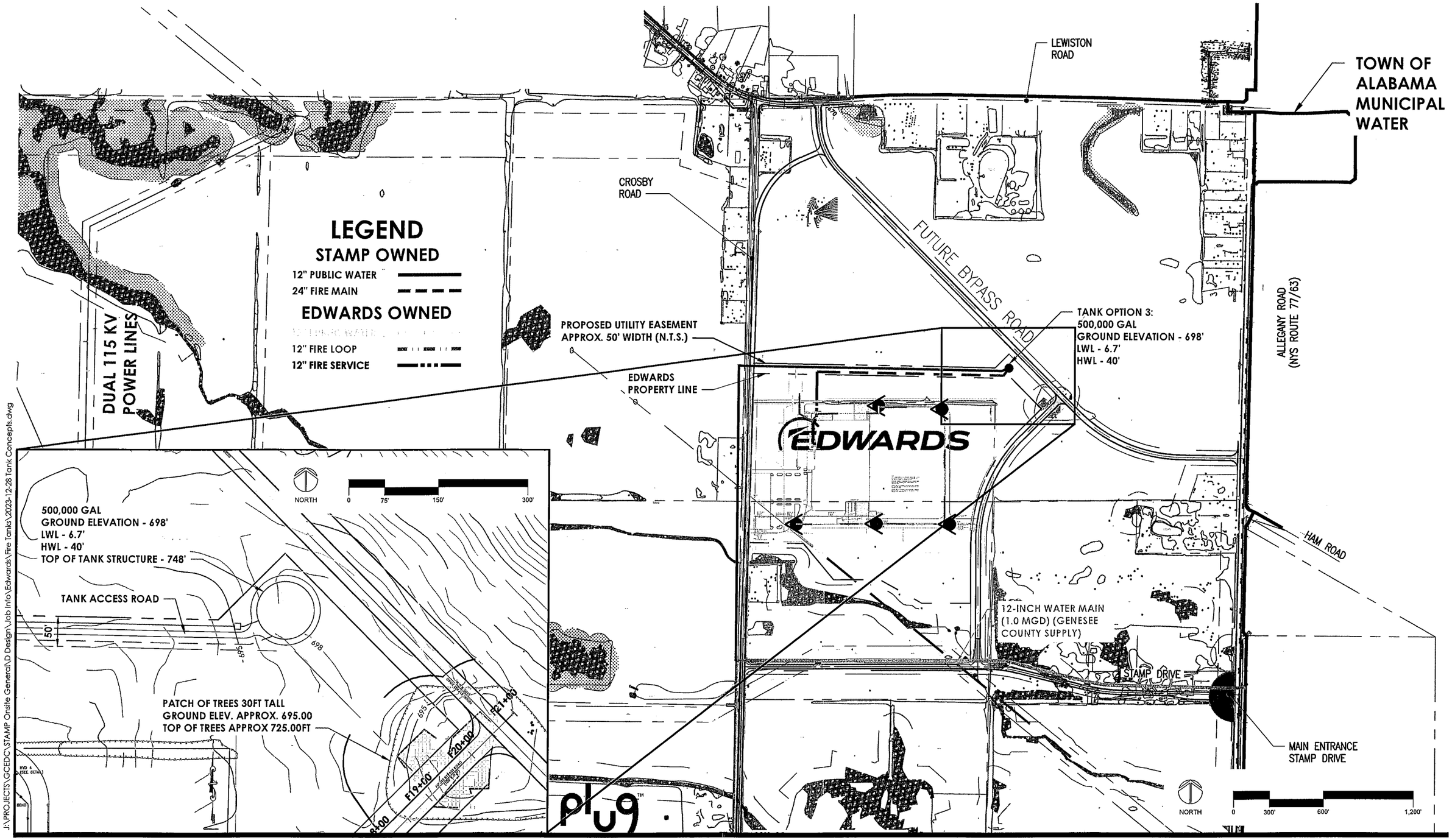
After a GEIS was completed the land was rezoned in 2012 from AG/Res to TD3. This project complies with the TD3 Zoning.

☐ Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.

☑ Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

Town of Alabama Planning Board	
Name of Lead Agency	Date
Carl Kumpf	Chairperson
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

PRINT FORM



STAMP - FIRE FLOW TANK CONCEPT

WNY SCIENCE AND TECHNOLOGY ADVANCED MANUFACTURING PARK (STAMP)

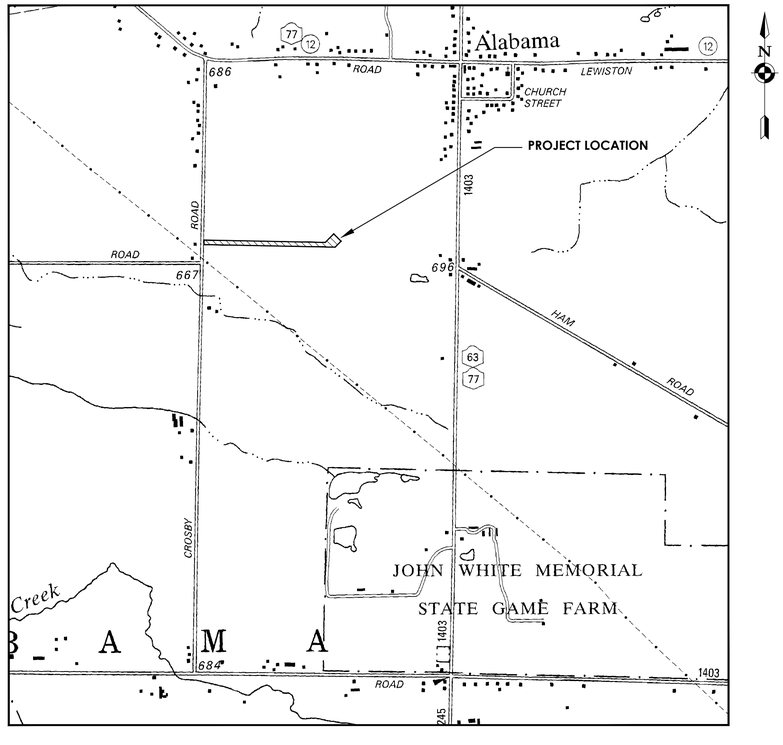
JANUARY 2024

GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER
EDWARDS FIRE TANK

DESIGN DEVELOPMENT

JUNE 2024

TOWN OF ALABAMA
GENESEE COUNTY, NEW YORK



LOCATION PLAN
SCALE: 1"=1000'

CHIEF EXECUTIVE OFFICER
STEVEN G. HYDE

CHAIRMAN
PETER ZELIFF

VICE CHAIRMAN
MATTHEW GRAY

MEMBERS
PAUL BATTAGLIA
TODD BENDER
AMY VANDERHOOF
ANDREW YOUNG
CRAIG YUNKER

DRAWING INDEX	
DWG. NO.	SHEET TITLE
G-000	COVER
G-100	GENERAL NOTES
C-200	ACCESS ROAD SITE PLAN
C-201	TANK SITE PLAN
C-202	ACCESS ROAD GRADING PLAN
C-203	TANK GRADING PLAN
C-204	TANK ELEVATION VIEW
C-300	CONTROL BUILDING DETAILS
C-301	DETAILS
C-302	DETAILS
C-303	DETAILS
C-304	TANK DETAILS
C-305	TANK DETAILS
C-306	TANK DETAILS
C-307	TANK DETAILS

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION
Project Number
R24.15997.00
Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER
Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE
106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

FOR PERMIT REVIEW ONLY
NOT APPROVED FOR CONSTRUCTION

PROFESSIONAL STAMPS

Exp. 07/31/2026

Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
AJC	JED

Drawing Title
COVER

Drawing Number
G
000

Revision Number
1

Sheet size: 24x36
Drawing Name: J:\ PROJECTS \GCEDC\ STAMP Edwards Fire Tank\ D Design \ ACAD \ Civil \ Cover\ CPL 22x34 Cover Sheet.dwg
Date last accessed: 6/11/2024 11:10 AM
Date last plotted: 6/11/2024 11:10 AM
Plotted By: Joseph Slyn

GENERAL NOTES

1. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH OSHA, NYSDOH, GCDOH, AND LOCAL COMMUNITY REQUIREMENTS.
2. THE LOCATIONS, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED BY THE ENGINEER FROM RECORD DRAWINGS AND INFORMATION FURNISHED BY THE VARIOUS UTILITIES, WITH FIELD CHECKING WHERE NECESSARY AND POSSIBLE. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND MAY BE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THIS INFORMATION VERIFIED AND LOCATED PRIOR TO CONSTRUCTION. NO CONSTRUCTION EXCAVATION, BORING, OR BLASTING SHALL BE DONE WITHOUT CERTIFICATION OF THE DEPTH AND LOCATION OF UTILITIES. CALL UDIG NY (811) AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
3. THE OWNER WILL USE A LICENSED SURVEYOR TO ESTABLISH PROPERTY LINES AND EASEMENT LINES PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMMEDIATELY NOTIFYING THE ENGINEER OF ANY DISCREPANCY THAT SHOWS THE PROPOSED WORK TO BE LOCATED OUTSIDE OF PROPERTY OR EASEMENT.
4. THE APPROXIMATE LOCATION OF THE PROPOSED STRUCTURES IS INDICATED ON THE PLANS. HOWEVER, THE ACTUAL LOCATION WILL BE GOVERNED BY THE ACTUAL LOCATION OF THE UNDERGROUND UTILITIES OR OTHER CONTROLLING FACTORS AS DETERMINED BY THE ENGINEER DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AHEAD OF PIPE LAYING OR OTHER WORK OPERATIONS SO THAT IF MINOR ADJUSTMENTS MUST BE MADE IN ELEVATION AND/OR ALIGNMENT, DUE TO INTERFERENCE, THESE CHANGES CAN BE MADE IN ADVANCE OF THE WORK.
6. MINIMUM COVER ON ALL NEW WATER MAINS SHALL BE FIVE (5) FEET, MEASURED FROM FINISH GROUND SURFACE EXCEPT WHERE OTHERWISE NOTED.
7. WHERE THE CLEARANCE BETWEEN THE WATER MAIN AND ANY EXISTING UTILITY OR SERVICE CONNECTIONS (EXCEPT SANITARY SEWER CROSSING) IS LESS THAN ONE (1) FOOT, A TYPE C SELECT FILL SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
8. ALL FITTINGS SHALL BE PROPERLY RESTRAINED.
9. HIGHWAY DRAINAGE (STORM PIPES, CATCH BASINS, SWALES, ETC.) SHALL BE MAINTAINED AS NEEDED THROUGHOUT THE PERIOD OF CONSTRUCTION TO PREVENT STANDING WATER FROM COLLECTING ON THE ROADWAY. THE ROADS SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
10. SAFE AND CONTINUOUS THROUGH TRAFFIC, AS WELL AS INGRESS AND EGRESS FOR DRIVEWAYS, SERVICE ROADS AND PUBLIC STREETS, SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
11. THE OWNER WILL OBTAIN ALL EASEMENTS AND PERMITS OUTLINED IN THE PROJECT SPECIFICATIONS.
12. THE CONTRACTOR SHALL LOCATE, FLAG AND PRESERVE SURVEY MONUMENTS AND PROPERTY CORNER MARKERS. THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR RE-ESTABLISH ANY PROPERTY CORNERS OR SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
13. WHEN INSTALLING HYDRANTS OR BLOW-OFFS, SHOULD GROUND WATER BE ENCOUNTERED WITHIN 7 FEET OF THE FINISH GRADE, WEEP HOLES (DRAINS) SHALL BE PLUGGED. IF WEEPS ARE PLUGGED, HYDRANTS AND BLOW-OFFS SHALL BE SO LABELED, PER LOCAL JURISDICTION REQUIREMENTS, AND THE WATER SYSTEM OPERATOR AND LOCAL FIRE DEPARTMENT SHALL BE NOTIFIED IN WRITING.
14. THE CONTROL OF EROSION AND SEDIMENT ORIGINATING FROM CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. EROSION CONTROL DEVICES SHALL BE ESTABLISHED PRIOR TO COMMENCING WORK. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF CONTRACTOR'S EROSION AND SEDIMENT CONTROL AND MAY SUSPEND WORK UNTIL ADEQUATE CONTROL IS ATTAINED.
15. ALL EXISTING UTILITY LINES AND SERVICE LATERALS NEAR OR CROSSING THE NEW STRUCTURES SHALL BE PROTECTED, PRESERVED AND SUPPORTED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
16. UTILITY POLES SHALL BE SUPPORTED, WHERE NECESSARY, AT NO ADDITIONAL COST TO THE OWNER.
17. THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL TREES, FENCES AND OTHER STRUCTURES WITHIN THE VICINITY OF ANY WORK, UNLESS THEIR REMOVAL IS NOTED ON THE DRAWINGS.
18. THE CONTRACTOR SHALL VERIFY THAT THERE WILL BE NO DISRUPTION TO MAIL DELIVERY THROUGHOUT CONSTRUCTION. COORDINATION WITH THE PROPERTY OWNERS AND THE POSTAL SERVICE MAY BE REQUIRED.
19. THE CONTRACTOR SHALL RETAIN THE SERVICES OF A QUALIFIED TREE EXPERT TO REMOVE, WHERE NECESSARY, BRANCHES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS, OR REPAIR TREES HAVING SUFFERED DAMAGE BY CONSTRUCTION ACTIVITIES. THIS COST IS TO BE INCLUDED IN THE BID PRICE OF THE CONTRACT.
20. SHEETING OR SHORING SHALL BE PROVIDED (IF REQUIRED DURING CONSTRUCTION) TO PROTECT NEW OR EXISTING WORK. THIS COST IS TO BE INCLUDED IN THE BID PRICE OF THE CONTRACT.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF EXCAVATED MATERIAL FROM THE SITE. THIS INCLUDES THE COST OF ANY FEES, TRANSPORTATION, OR PERMITS THAT MAY BE REQUIRED.
22. THE CONTRACTOR SHALL CONFORM TO ALL CONDITIONS OF ANY APPLICABLE EASEMENTS.
23. THE CONTRACTOR SHALL ADJUST INSTALLATION SEQUENCING BASED ON THE AVAILABILITY OF EASEMENT ACQUISITIONS AND PERMIT APPROVALS.
24. ROAD TO BE KEPT CLEAR OF MUD AND DEBRIS AT ALL TIMES.
25. MATERIALS, EQUIPMENT, AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE RIGHT-OF-WAY.
26. ALL DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
27. THE CONTRACTOR'S WORK AREA SHALL BE CONFINED TO THE LIMITS OF THE VILLAGE'S PROPERTY AND EASEMENTS. SHOULD THE CONTRACTOR REQUIRE ADDITIONAL AREA TO ACCOMMODATE HIS OPERATIONS, HE SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY EASEMENTS OR WORK PERMITS.
28. THE CONTRACTOR SHALL PROVIDE MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CURRENT EDITIONS).
29. BLASTING WILL NOT BE PERMITTED.
30. IF MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION THAT ARE SUSPECTED OF BEING CONTAMINATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND NYSDEC FOR DIRECTION REGARDING TESTING, SEPARATION, CONTAINMENT, AND DISPOSAL PROCEDURES.
31. THE USE OF EXISTING FIRE HYDRANTS FOR ANY REASON IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE WATER SYSTEM OPERATOR. THIS INCLUDES NEWLY INSTALLED FIRE HYDRANTS.
32. IT IS A CRITICAL RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH EROSION CONTROL DEVICES PRIOR TO COMMENCING WORK.
33. THE CONTROL OF DUST ORIGINATING FROM CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S DUST CONTROL EFFORTS AND WORK MAY BE SUSPENDED UNTIL ADEQUATE DUST CONTROL IS ATTAINED.
34. A 30 INCH MINIMUM CLEARANCE SHALL BE MAINTAINED BETWEEN OUTSIDE EDGE OF UTILITY POLES AND OUTSIDE EDGE OF WATER MAIN.
35. ALL THRUST BLOCKS SHALL BE INSTALLED AGAINST UNDISTURBED SOIL.

EROSION CONTROL NOTES

1. THE CONTROL OF EROSION AND SEDIMENT ORIGINATING FROM CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. EROSION CONTROL DEVICES SHALL BE ESTABLISHED PRIOR TO COMMENCING WORK. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S EROSION AND SEDIMENT CONTROL AND MAY SUSPEND WORK UNTIL ADEQUATE CONTROL IS ATTAINED.
2. EROSION CONTROL MEASURES WILL BE STRICTLY ENFORCED BY THE ENGINEER. ANY EROSION CONTROL DEVICE WHICH IS DEEMED NECESSARY BY THE ENGINEER SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO CONTINUING WITH THE WATER MAIN INSTALLATION.
3. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT THE MIGRATION OF SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, CONCRETE LEACHATE OR ANY OTHER POLLUTANT ASSOCIATED WITH CONSTRUCTION PROCEDURES INTO NATURAL OR STRUCTURED DRAINAGE SYSTEMS, OR WATER BODIES.
4. THE CONTROL OF DUST ORIGINATING FROM CONSTRUCTION ACTIVITIES IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S DUST CONTROL EFFORTS AND MAY SUSPEND WORK UNTIL ADEQUATE DUST CONTROL IS ATTAINED.
4. PERIODIC CLEANING AND INSPECTION OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES WILL BE NECESSARY. AFTER ANY STORM EVENT, MAINTENANCE SHALL BE REQUIRED.
5. SEDIMENT CONTROL DEVICES SHALL BE EITHER CLEANED OR REPLACED WHEN THEIR FILTERING CAPACITY HAS BEEN REDUCED BY HALF (I.E. HALF THE HEIGHT OF SILT FENCE IS RETAINING SEDIMENT).
6. IN THE EVENT THAT DE-WATERING OPERATIONS BECOME NECESSARY, A SETTLING BASIN WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS AS CLEAR AND FREE OF SEDIMENT AS THE FLOWING STREAM. PRIOR TO USE, THE SETTLING BASIN LOCATION AND DESIGN SHALL BE APPROVED BY THE ENGINEER.
7. THE COST OF INSTALLING, CLEANING AND REMOVING TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES SHALL NOT BE PAID FOR SEPARATELY. THEY SHALL BE INCLUDED IN THE BID PRICE.
8. THE CONTRACTOR WILL BE REQUIRED TO FOLLOW EROSION AND SEDIMENT CONTROL REQUIREMENTS FOR THE PROJECT.

WATER MAIN TESTING AND DISINFECTION NOTES

1. MAINS AND SERVICES SHALL BE FLUSHED BEFORE TESTING. THE MINIMUM FLUSHING FLOW RATE SHALL BE 1,389 GALLONS PER MINUTE (APPROXIMATELY 2 MILLION GALLONS PER DAY OR 2 FEET PER SECOND) FOR LONG ENOUGH TIME TO FLUSH A MINIMUM OF THREE (3) PIPE VOLUMES.
2. CONTRACTOR SHALL TAKE EXTRA PRECAUTION TO LIMIT THE EXPOSURE OF PIPE TO CONTAMINATES AND SHALL REMOVE ANY CAKED SOILS OBSERVED PRIOR TO INSTALLING THE MAIN.
3. WATER FOR TESTING AND FLUSHING MAY BE OBTAINED FROM THE EXISTING WATER SYSTEM, PROVIDED THAT THE CONTRACTOR MAKE ARRANGEMENTS WITH THE WATER SYSTEM OPERATOR FOR METERING AND PAYMENT OF THE WATER USED.
4. BEFORE TESTING, SECTIONS ADJACENT TO THE TEST SECTION SHALL BE FILLED WITH WATER. THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT, CONNECTIONS, PIPING, FITTINGS, METERS, MEASURING DEVICES, PUMPS, AND TEMPORARY ENCLOSURES NECESSARY TO PERFORM THE REQUIRED TESTS. TESTING SHALL BE MADE ON SECTIONS OF WATER MAIN NOT TO EXCEED 2,000 FEET IN LENGTH.
5. TEST PRESSURE SHALL BE APPLIED BY A PUMP CONNECTED TO THE PIPE. THE PUMP, PIPE, CONNECTIONS, GAUGES, AND MEASURING DEVICES SHALL BE CALIBRATED TO THE SATISFACTION OF THE ENGINEER.
6. A PRELIMINARY TEST OF 50 PSI ABOVE NORMAL LINE PRESSURE, OR A MINIMUM OF 150 PSI, SHALL BE PERFORMED BY THE CONTRACTOR. AFTER THE PRELIMINARY TEST IS SATISFACTORY, THE WATER SYSTEM OPERATOR SHALL BE GIVEN 24 HOURS NOTICE AND A FINAL TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND WATER SYSTEM OPERATOR.
7. TESTING SHALL MEET THE MINIMUM REQUIREMENTS OF AWWA C-600 SECTION 4, EXCEPT WHERE MORE RIGID REQUIREMENTS ARE ESTABLISHED BY THE SPECIFICATIONS. BEFORE APPLYING TEST PRESSURE, ALL AIR SHALL BE EXPELLED FROM THE PIPE. AFTER THE PIPE HAS BEEN FILLED, IT SHALL BE SUBJECTED TO A HYDROSTATIC PRESSURE OF 50 PSI ABOVE NORMAL LINE PRESSURE, OR A MINIMUM OF 150 PSI, FOR A PERIOD OF 2 HOURS.
8. LEAKAGE SHALL BE DEFINED AS THE VOLUME OF WATER SUPPLIED TO THE SECTION OF PIPE UNDER TEST NECESSARY TO MAINTAIN THE REQUIRED PRESSURE. LEAKAGE SHALL BE DETERMINED AT 30 MINUTE INTERVALS. SHOULD ANY TEST DISCLOSE LEAKAGE GREATER THAN THE ALLOWABLE, THE DEFECT SHALL BE LOCATED AND REPAIRED BY THE CONTRACTOR.
9. ALL WATER MAINS AND APPURTENANCES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-651 AND THE REQUIREMENTS OF NYSDOH, USING THE CONTINUOUS FEED METHOD. IN THE EVENT OF A CONFLICT, THE NYSDOH REQUIREMENTS SHALL GOVERN. AN INITIAL CHLORINE DOSE OF 50 PPM SHALL BE USED. DISINFECTANT SHALL REMAIN IN THE SYSTEM FOR A PERIOD OF 24 HOURS, AFTER WHICH THE RESIDUAL SHALL BE AT LEAST 25 PPM. FOLLOWING DISINFECTION, ALL TREATED WATER SHALL BE NEUTRALIZED AND THOROUGHLY FLUSHED FROM THE MAIN.
10. THE CONTRACTOR IS RESPONSIBLE FOR PRODUCING A CHLORINE RESIDUAL NOT EXCEEDING 0.05 MG/L AT THE POINT OF DISCHARGE. THIS SHALL BE ACHIEVED AT NO ADDITIONAL COST TO THE OWNER.
11. THE INTERIORS OF ALL APPURTENANCES AND SECTIONS OF WATER MAIN THAT CANNOT NORMALLY BE DISINFECTED SHALL BE SWABBED BY THE CONTRACTOR, TO THE SATISFACTION OF THE ENGINEER, WITH A CONCENTRATED CHLORINE SOLUTION CONTAINING NO LESS THAN 200 PPM OF FREE CHLORINE. THE CONTRACTOR SHALL ALSO DISINFECT ALL EXISTING WATER LINES AND APPURTENANCES WHICH WERE BROKEN, DAMAGED, CONTAMINATED, OR SUSPECTED OF BEING CONTAMINATED AS A RESULT OF WORK DONE WITH THIS PROJECT.
12. WATER SAMPLES SHALL BE COLLECTED FOR THE CONTRACTOR BY AN APPROVED LAB AND ANALYZED FOR BACTERIOLOGICAL CONTENT. SAMPLE LOCATIONS ARE NOTED ON THE CONTRACT DRAWINGS. THE LOCATION OF THE SAMPLING TAP MUST BE APPROVED BY THE GOVERNING HEALTH DEPARTMENT. FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS. TWO CONSECUTIVE SAMPLES SHALL BE TAKEN AND ANALYZED AT THE CONTRACTOR'S EXPENSE.
13. THE ENGINEER IS RESPONSIBLE FOR CERTIFYING TO THE WATER SYSTEM OPERATOR AND THE GOVERNING HEALTH DEPARTMENT THAT THE WATER MAIN WAS INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THAT THE FLUSHING, TESTING, AND DISINFECTION WAS PERFORMED IN ACCORDANCE WITH THESE REQUIREMENTS. THE ENGINEER SHALL SUBMIT THIS CERTIFICATION, ALONG WITH THE PRESSURE TEST AND BACTERIOLOGICAL TESTING RESULTS, TO THE WATER SYSTEM OPERATOR AND THE GOVERNING HEALTH DEPARTMENT. THE WATER MAIN CANNOT BE PLACED IN SERVICE UNTIL AN APPROVAL OF COMPLETED WORKS FROM THE GOVERNING HEALTH DEPARTMENT IS RECEIVED BY THE CONTRACTOR AND PROVIDED TO THE MUNICIPALITY.
14. ALL FIRE HYDRANTS SHALL BE "BAGGED" AS BEING OUT OF SERVICE UNTIL THE WATER MAIN IS ACCEPTED BY THE MUNICIPALITY. AT THAT TIME, THE OUT OF SERVICE BAG SHALL BE REMOVED BY THE CONTRACTOR AND THE HYDRANT PUT IN SERVICE.
15. TANK SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-652. THE TANK SHALL NOT BE PLACED INTO SERVICE UNTIL AN APPROVAL OF COMPLETED WORKS (DOH-1032 FORM) FROM THE GOVERNING HEALTH DEPARTMENT IS RECEIVED BY THE CONTRACTOR AND PROVIDED TO THE MUNICIPALITY.

LEGEND

EXISTING PROPERTY LINE	PROPOSED PROPERTY LINE	CB	CATCH BASIN
EXISTING FENCE	PROPOSED FENCE	PP	POWER POLE AND GUY WIRE
EXISTING GAS	PROPOSED GAS	LP	LIGHT POLE
EXISTING SANITARY SEWER	PROPOSED SANITARY SEWER	SIGN	SIGN
EXISTING STORM	PROPOSED STORM		TREES
EXISTING OVERHEAD ELECTRIC	PROPOSED UNDERGROUND ELECTRIC	MH	MANHOLE
EXISTING WATER MAIN, HYDRANT, WATER VALVE	EXISTING WATER MAIN, HYDRANT, WATER VALVE	MB	MAILBOX
EXISTING EASEMENT	PROPOSED EASEMENT		NWI WETLANDS
EXISTING DRIVEWAY	PROPOSED DRIVEWAY		FEMA 100 YEAR FLOOD ZONE
	PROPOSED UNDERDRAIN		
	PROPOSED CHAIN LINK FENCE		
	PROPOSED CHAIN LINK FENCE		

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

STATE OF NEW YORK · ANDREW R. KOSS · 086962 · PROFESSIONAL ENGINEER
Exp. 07/31/2026

STATE OF NEW YORK · JEREMY EDWARD BENZER · 089609 · LICENSED PROFESSIONAL ENGINEER
Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

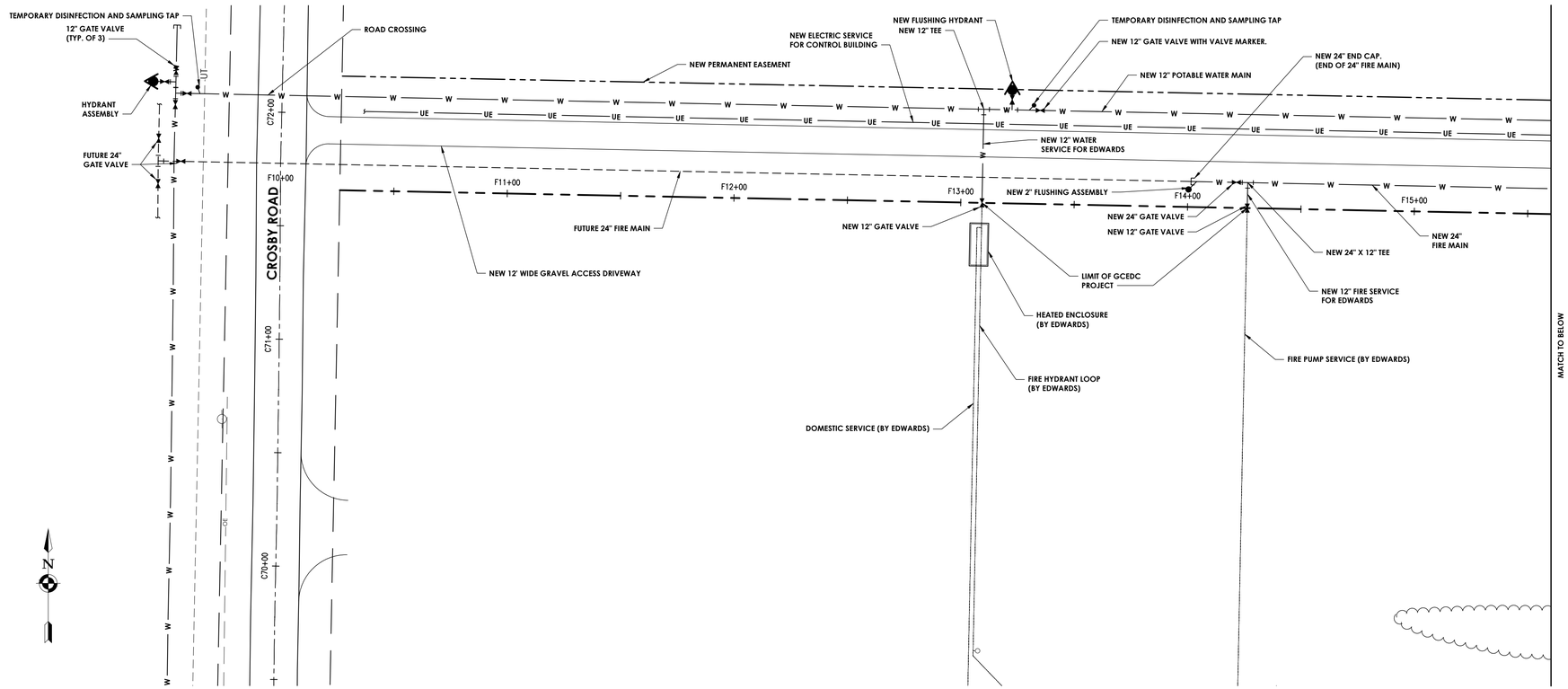
Project Status
DESIGN DEVELOPMENT

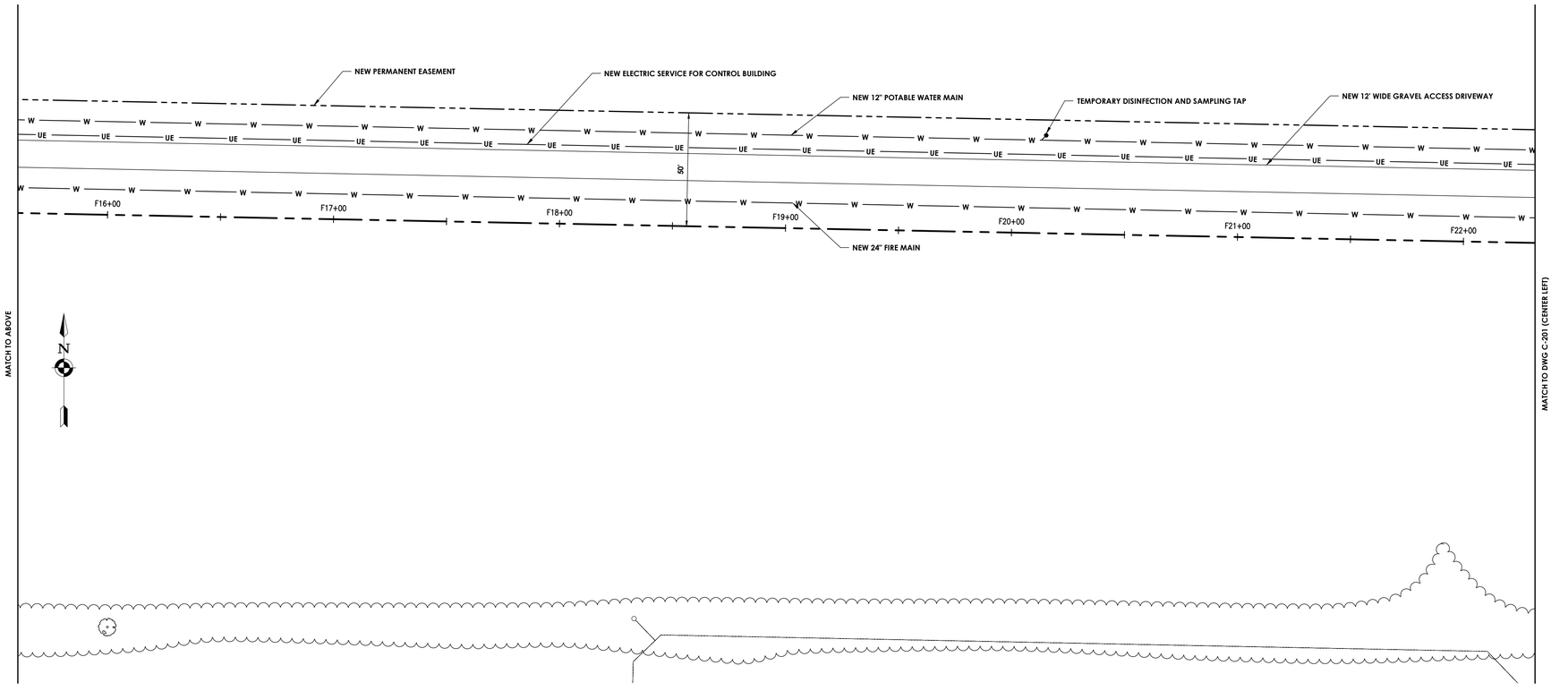
Drawn By	Checked By
AJC	JED

Drawing Title
GENERAL NOTES

Drawing Number: G 100
Revision Number: 1

Sheet Size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\VACAD\Civil\Details_GEN NOTES.dwg
Date last accessed: 6/11/2024 9:22 AM
Date last plotted: 6/11/2024 11:10 AM
Plotted By: Joseph Slyn





CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

STATE OF NEW YORK · ANDREW R. KOSS · 086962 · PROFESSIONAL ENGINEER · LICENSED
Exp. 07/31/2026

STATE OF NEW YORK · JEREMY EDWARD BAUSER · 089609 · LICENSED PROFESSIONAL ENGINEER
Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	1"=30'

Project Status
DESIGN DEVELOPMENT

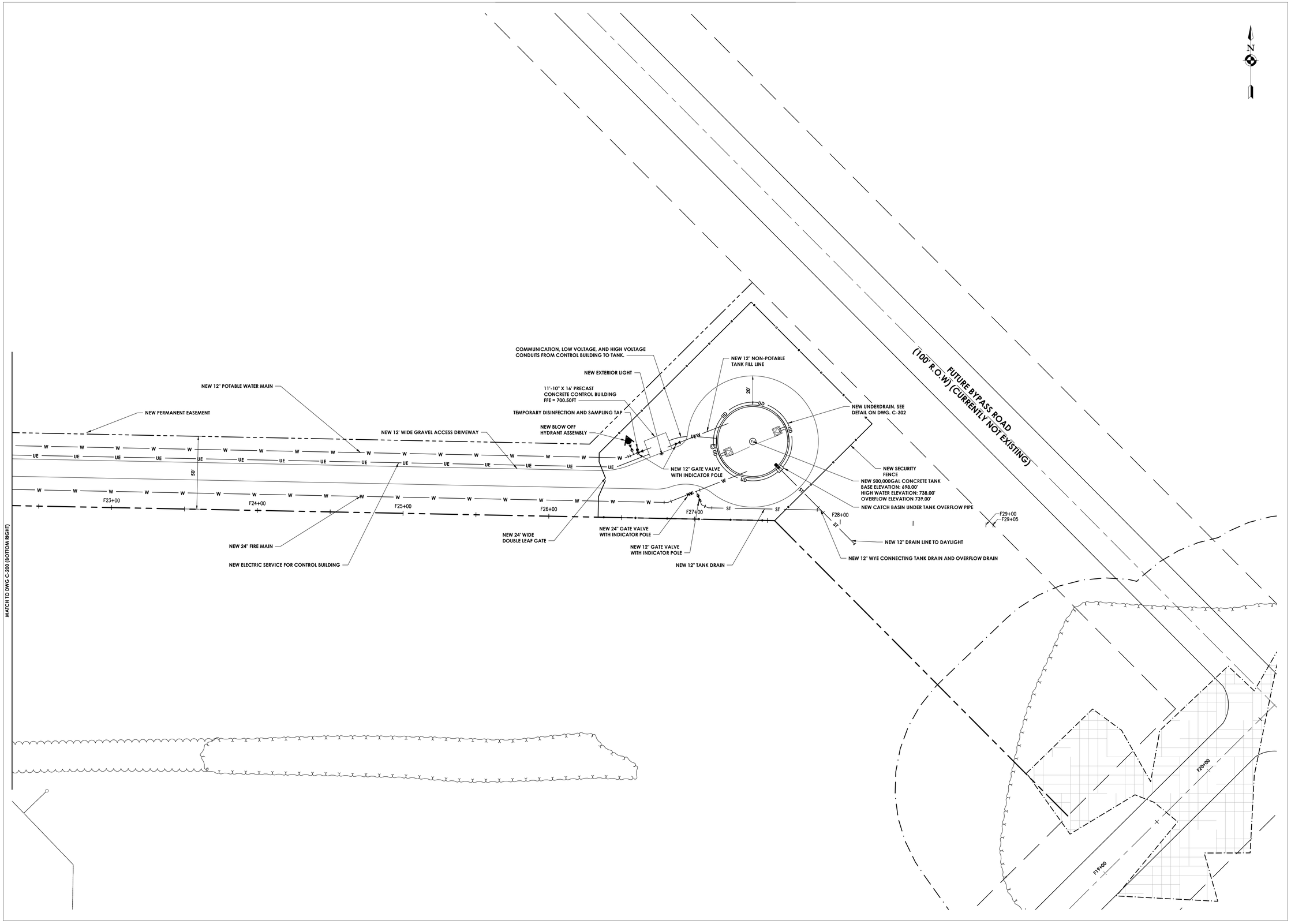
Drawn By	Checked By
BRM	JED

Drawing Title
ACCESS ROAD SITE PLAN

Drawing Number
C 200

Revision Number
1

Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Sht\2023-5-23 Tank Design.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:11 AM
Plotted By: Joseph Slyn



CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	1"=30'

Project Status
DESIGN DEVELOPMENT

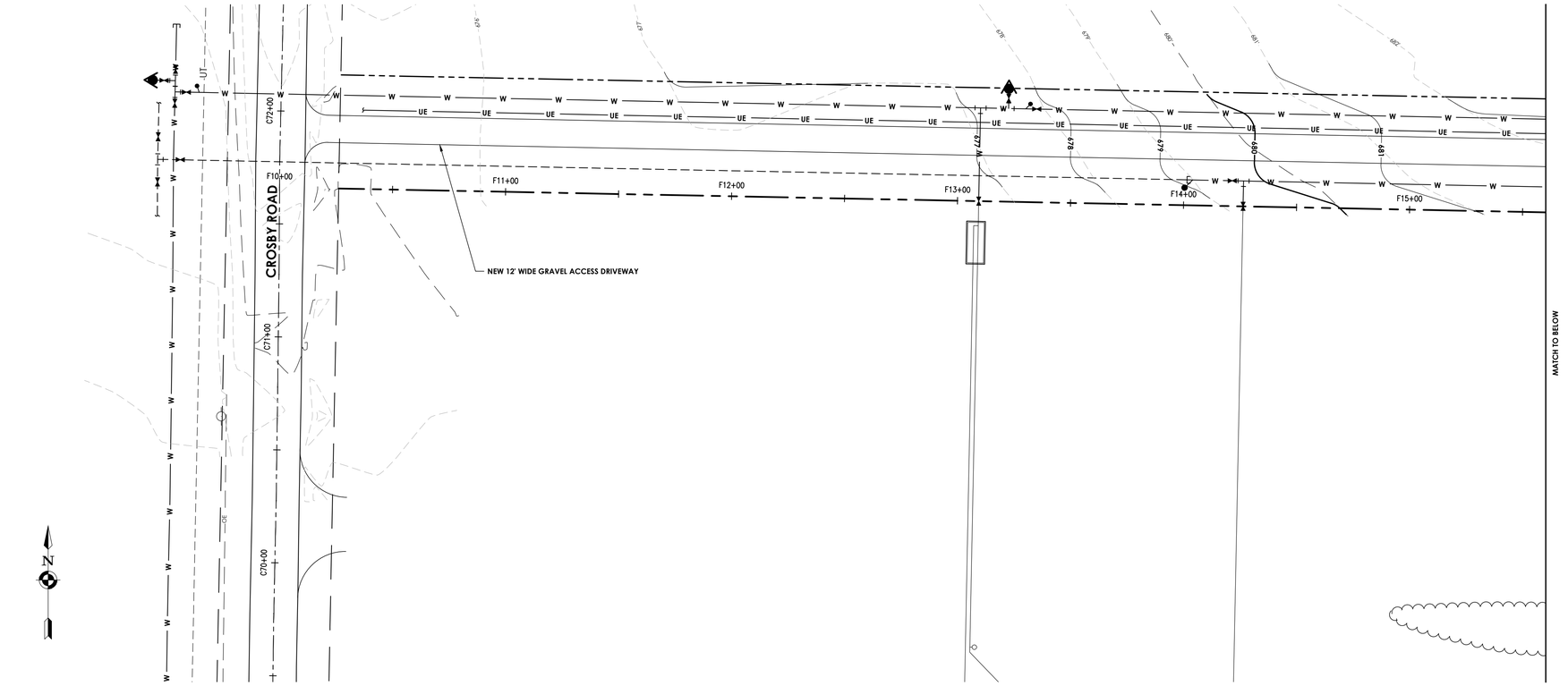
Drawn By	Checked By
BRM	JED

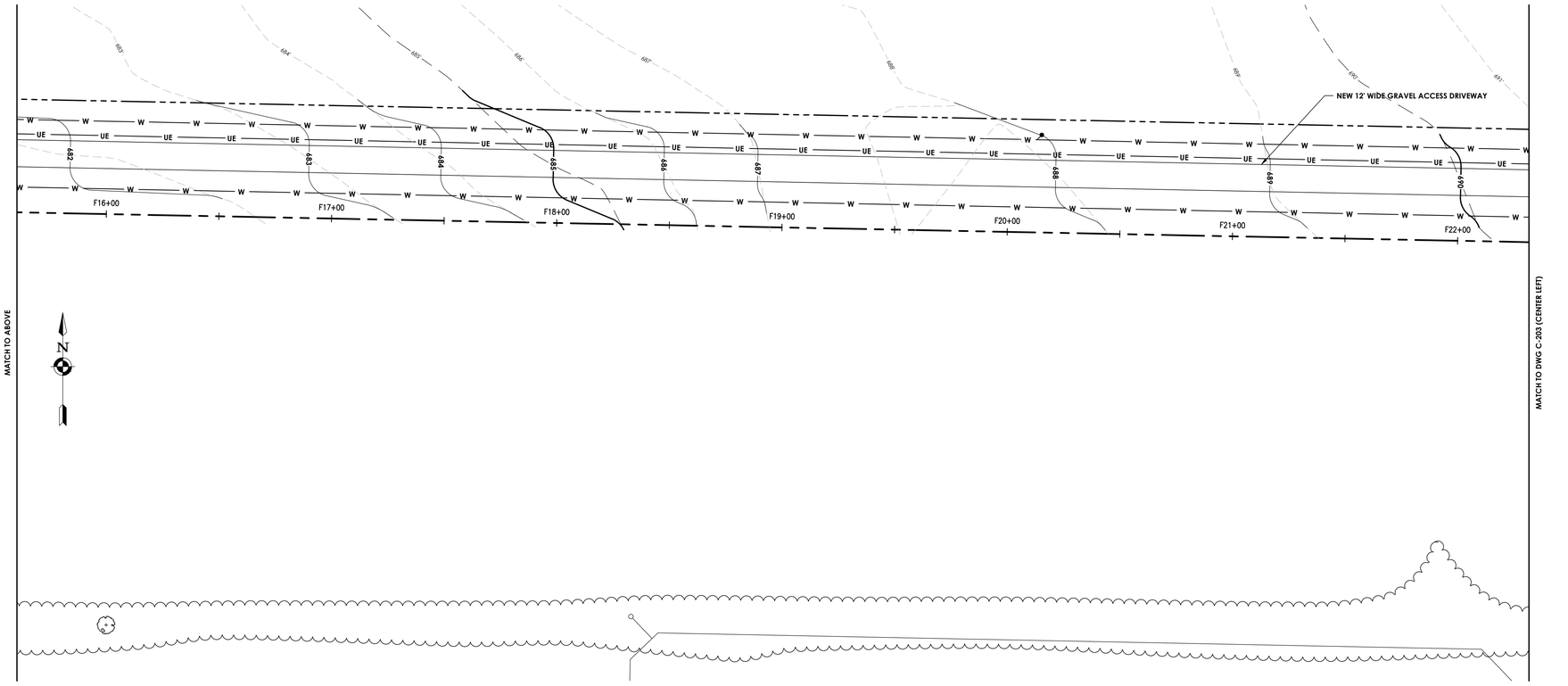
Drawing Title
TANK SITE PLAN

Drawing Number
C 201

Revision Number
1

Date last plotted: 6/11/2024 11:11 AM Plotted By: Joseph Slyn
Date last accessed: 6/11/2024 11:07 AM
Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Site\2023-5-23 tank Design.dwg





CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

STATE OF NEW YORK · ANDREW R. KOSS · 086962 · PROFESSIONAL ENGINEER · LICENSED
Exp. 07/31/2026

STATE OF NEW YORK · JEREMY EDWARD TASPER · 089609 · PROFESSIONAL ENGINEER · LICENSED
Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	1" = 30'

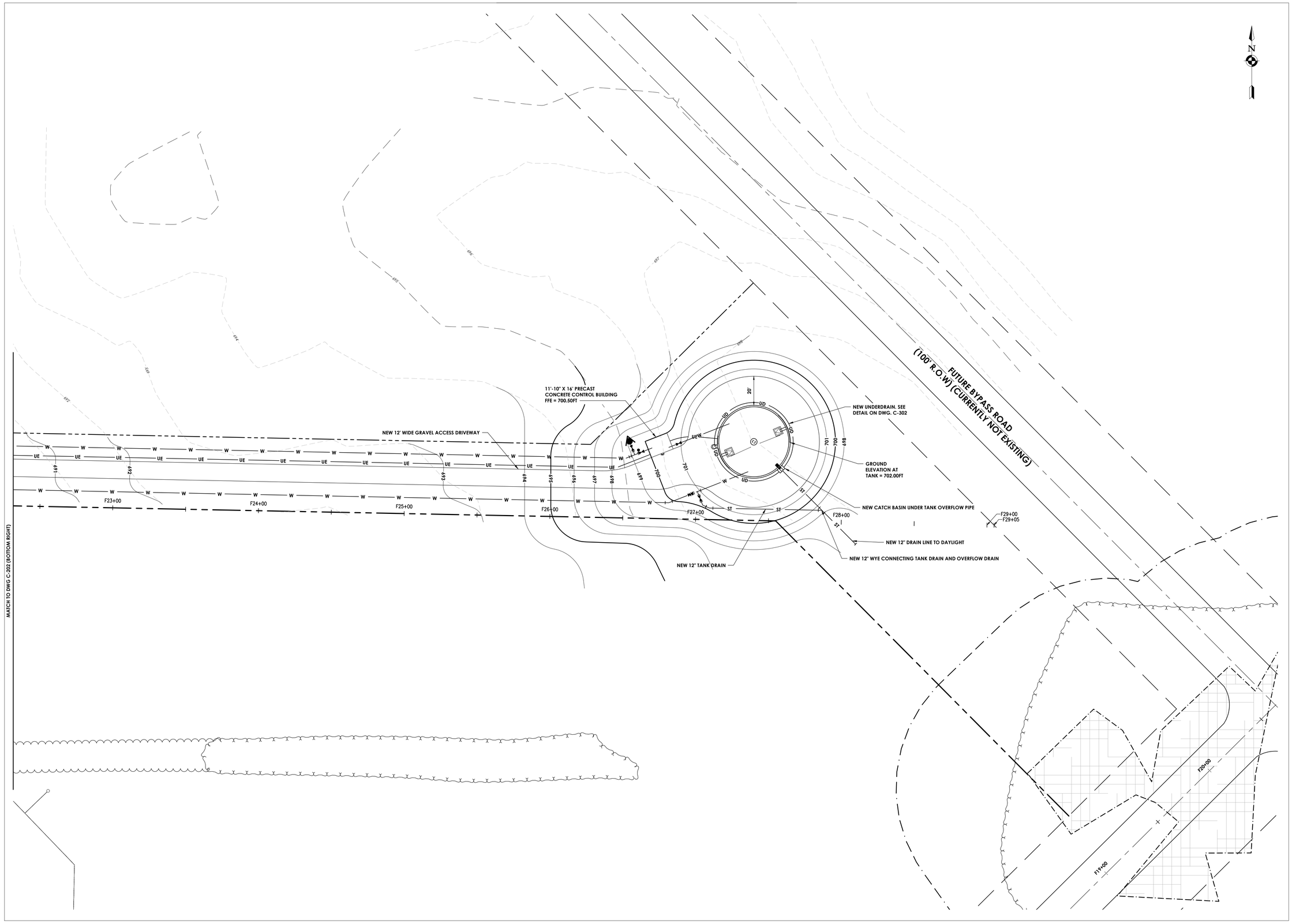
Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
BRM	JED

Drawing Title
ACCESS ROAD GRADING PLAN

Drawing Number	Revision Number
C 202	1

Sheet Size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Site\2023-5-23 tank Design.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:22 AM
Plotted By: Joseph Slyn



CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

STATE OF NEW YORK · ANDREW R. ROSE · 086962 · PROFESSIONAL ENGINEER
Exp. 07/31/2026

STATE OF NEW YORK · JEREMY EDWARD DENSER · 089609 · LICENSED PROFESSIONAL ENGINEER
Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	1"=30'

Project Status
DESIGN DEVELOPMENT

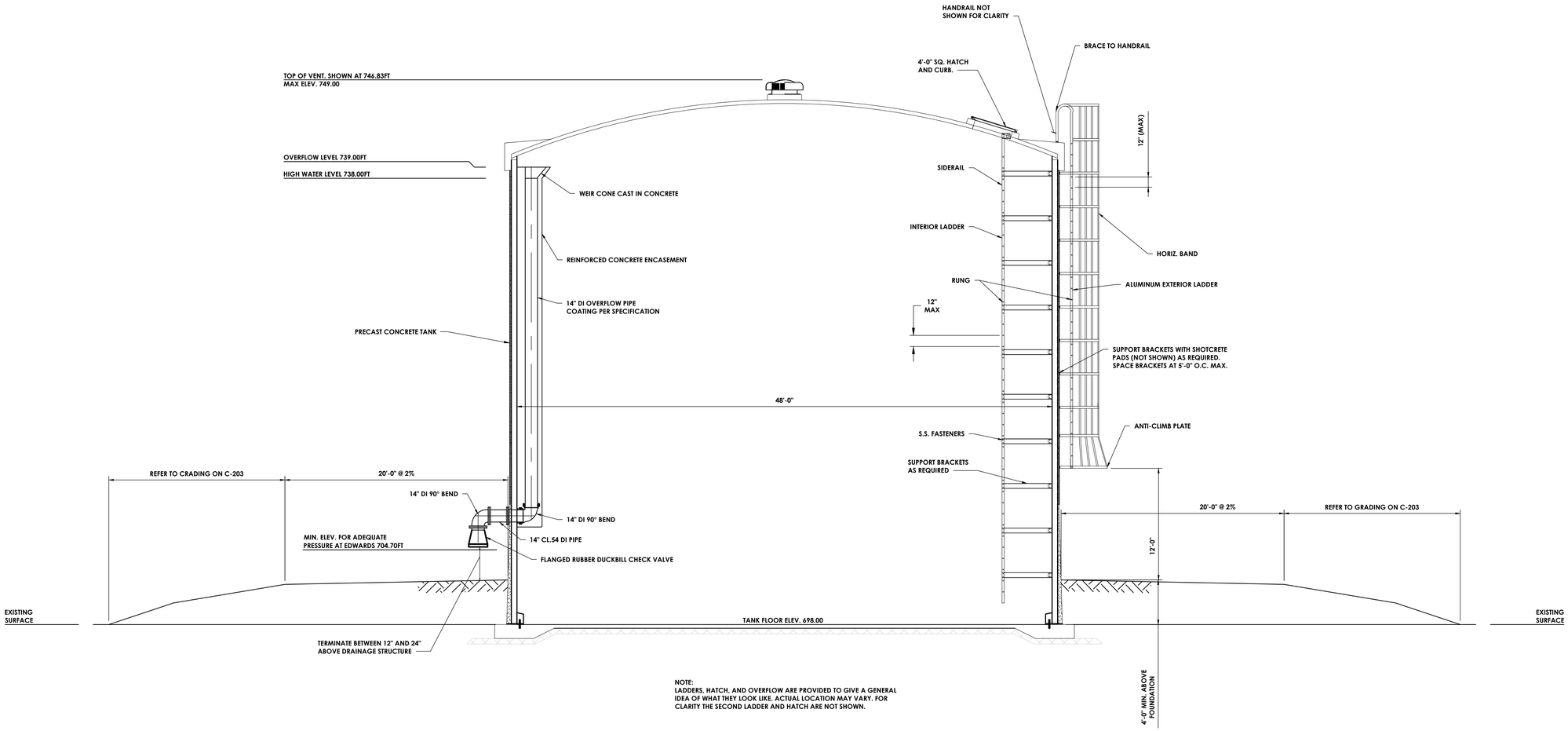
Drawn By	Checked By
BRM	JED

Drawing Title
TANK GRADING PLAN

Drawing Number
C 203

Revision Number
1

Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Site\2023-5-23 Tank Design.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn



NOTE:
LADDERS, HATCH, AND OVERFLOW ARE PROVIDED TO GIVE A GENERAL IDEA OF WHAT THEY LOOK LIKE. ACTUAL LOCATION MAY VARY. FOR CLARITY THE SECOND LADDER AND HATCH ARE NOT SHOWN.

1 FIG 2 TANK ELEVATION VIEW
SCALE: 3/16" = 1'-0"

MATCH TO SHEET FIG 1A (BOTTOM RIGHT)

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

Exp. 07/31/2026

Exp. 12/31/2025

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

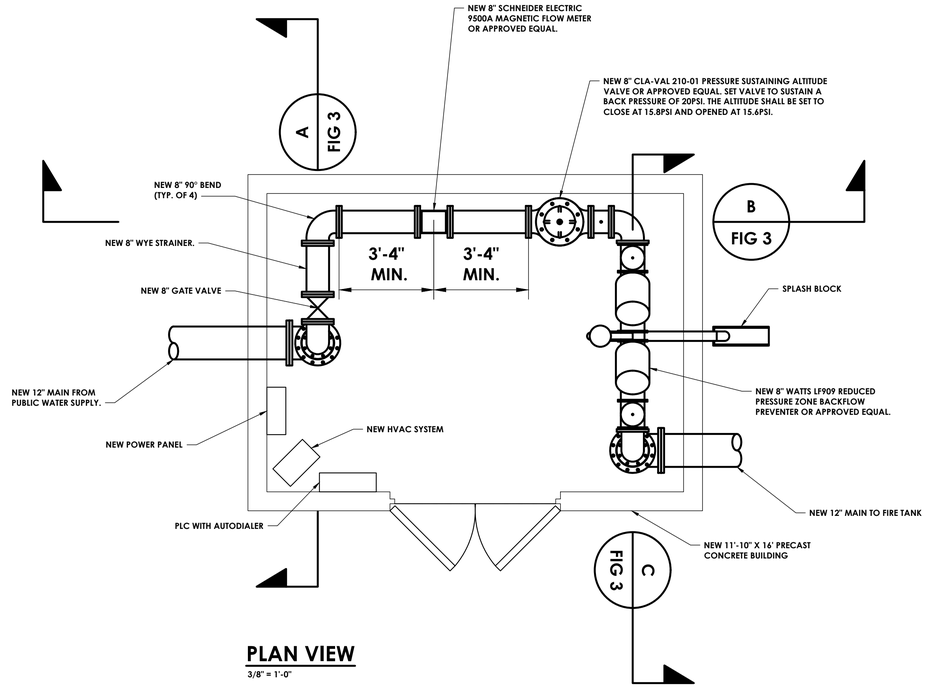
Drawn By	Checked By
BRM	JED

Drawing Title
TANK ELEVATION VIEW

Drawing Number
C 204

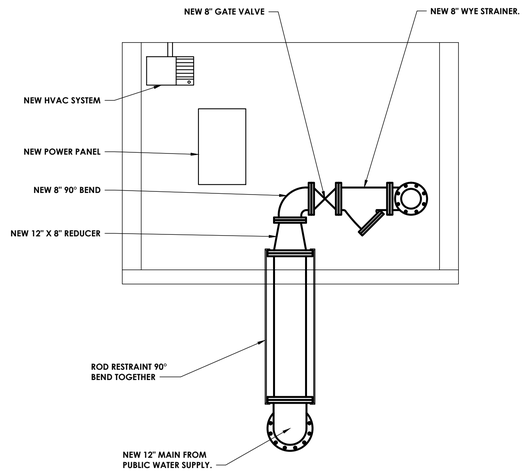
Revision Number
1

Sheet Size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Onsite General\D Design\Job Info\Edwards\Fire Tanks\TANK Section.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn



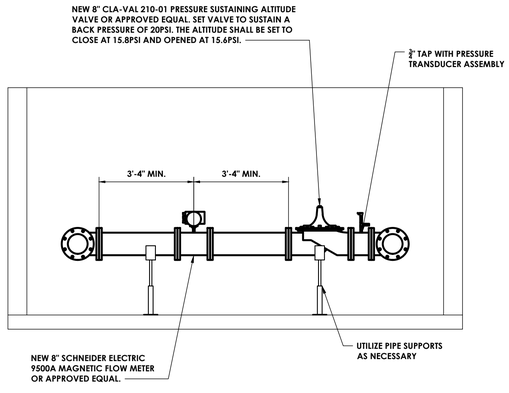
PLAN VIEW

3/8" = 1'-0"



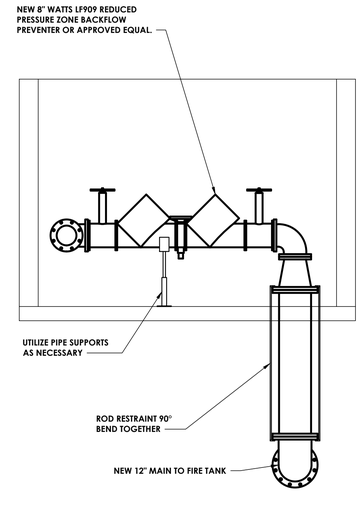
SECTION A

3/8" = 1'-0"



SECTION B

3/8" = 1'-0"



SECTION C

3/8" = 1'-0"

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

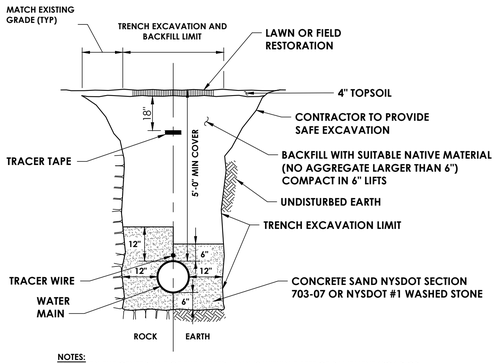
Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
BRM	JED

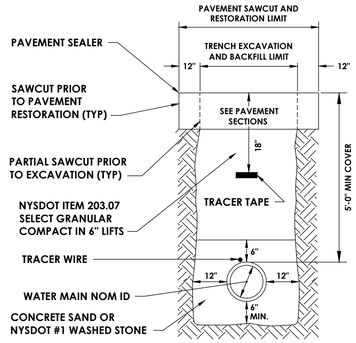
Drawing Title
CONTROL BUILDING DETAILS

Drawing Number	Revision Number
C 300	1



NOTES:
1) WHEN THE CENTER LINE OF THE WATER MAIN IS WITHIN 5 FEET OF PAVEMENT (ROAD OR SHOULDER), THE BACKFILL REQUIREMENTS OF STANDARD DETAIL "TRENCH AND RESTORATION: ROAD" SHALL APPLY.
2) REFER TO SPECIFICATIONS FOR TOPSOIL AND SEED REQUIREMENTS.
3) REFER TO MATERIAL LIST FOR ADDITIONAL INFORMATION.

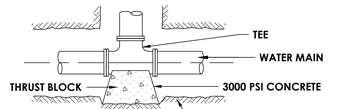
TRENCH AND RESTORATION: LAWN
NTS



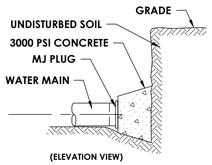
NOTES:
1) EXISTING ROAD, SHOULDER, AND DRIVEWAY SECTIONS WHICH ARE DISTURBED SHALL BE REPLACED IN KIND USING THE VARIOUS TYPICAL SECTIONS (AS SHOWN IN "PAVEMENT RESTORATION" DETAIL) OR ORDERED BY THE ENGINEER.
2) THIS TRENCH BACKFILL SHALL APPLY TO ANY LOCATIONS WHERE THE CENTER LINE OF NEW WATER MAIN IS WITHIN 5 FEET OF PAVEMENT (ROAD OR SHOULDER).
3) REFER TO MATERIAL LIST FOR ADDITIONAL INFORMATION.

TRENCH AND RESTORATION: ROAD
NTS

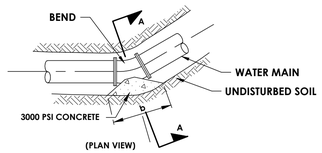
MINIMUM AREA OF BEARING FACE OF CONCRETE THRUST BLOCK (IN SQ. FT.) BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL						
PIPE SIZE	90° BEND	45° BEND	22-1/2° BEND	11-1/4° BEND	TEE/ TS&V	PLUG
6"	6	3	3	3	4	5
12"	22	12	6	3	10	16
24"	42	23	12	6	34	34



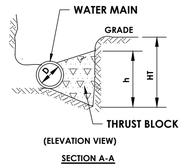
THRUST BLOCK FOR TEE



THRUST BLOCK FOR PLUG



THRUST BLOCK AT BENDS

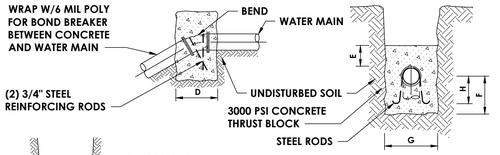


SECTION A-A

NOTES:
1) BLOCK HEIGHT (h) SHOULD BE EQUAL TO OR LESS THAN ONE-HALF THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK, (HT), BUT NOT LESS THAN PIPE DIAMETER (D).
2) BLOCK HEIGHT (h) SHOULD BE TWO TIMES THE BLOCK WIDTH (b).
3) DIP FITTINGS SHALL BE WRAPPED WITH 6 MIL. THICK POLYETHYLENE, 2 FEET BEYOND END OF FITTING ON PVC PIPE.
4) PIPE RESTRAINER SHALL BE USED AT ALL FITTING TO PVC PIPE CONNECTIONS.
5) FLUOROCARBON COATED (BLUE) BOLTS AND NUTS SHALL BE USED AT ALL FITTINGS.
6) NO SUBSTITUTE FOR CONCRETE (I.E. SAKRETE BAGS, WOOD BLOCKS, ETC.) WILL BE ACCEPTED.
7) 6" AND 12" THRUST BLOCK CALCULATIONS UTILIZED HGL OF 910 FT. 24" THRUST BLOCK CALCULATIONS UTILIZE HGL OF 739 FT.

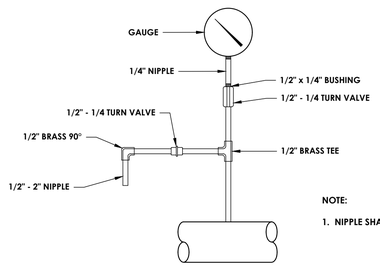
HORIZONTAL THRUST BLOCK
NTS

MINIMUM ALLOWABLE DIMENSION FOR VERTICAL THRUST BLOCKS (FEET)									
PIPE SIZE	BEND	MIN. VOLUME OF CONCRETE FOR BLOCK DIMENSIONS D,E,F,G	A	B	C	D	E	F	G	ROD LENGTH H
6"	11 - 1/4°	0.2 CY	1.0	2.5	1.0	2.0	0.5	1.0	2.0	0.5
	22 - 1/2°	0.4 CY	1.0	2.5	1.5	2.0	1.0	2.0	2.0	1.5
	45°	0.8 CY	1.5	2.5	1.5	2.5	1.5	2.0	2.5	1.5
	90°	1.5 CY	1.5	2.5	2.0	4.0	1.5	2.0	3.0	1.5
12"	11 - 1/4°	0.8 CY	1.5	3.0	1.5	2.5	1.5	2.0	2.5	1.5
	22 - 1/2°	1.6 CY	1.5	3.0	2.0	4.0	2.0	2.0	3.0	1.5
	45°	3.2 CY	2.0	3.0	2.0	5.0	2.0	3.0	3.5	2.5
	90°	6.0 CY	2.0	3.0	2.5	5.5	2.5	3.5	3.5	3.0
24"	11 - 1/4°	5.0 CY	3.0	4.0	5.0	5.5	2.5	3.5	4.0	3.0
	22 - 1/2°	10.0 CY	3.0	4.0	5.0	6.5	2.8	4.0	6.0	4.0
	45°	19.5 CY	4.0	4.0	6.5	8.5	3.0	4.7	8.0	4.0
	90°	39.0 CY	4.0	4.0	6.5	10.2	4.3	6.5	9.6	4.0



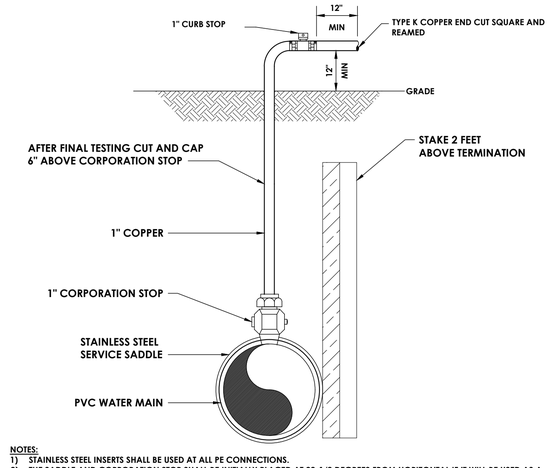
NOTES:
1) WHERE POSSIBLE, BOLTS AND BELL ENDS SHALL REMAIN OUTSIDE OF CONCRETE.
2) THE CONTRACTOR MAY ELECT TO USE REINFORCING RODS AS OPPOSED TO CONCRETE THRUST BLOCKS FOR VERTICAL BENDS. ALL THRUST RESTRAINT BY ROD SHALL BE APPROVED BY THE WATER SYSTEM OPERATOR PRIOR TO INSTALLATION.
3) DIP FITTINGS SHALL BE WRAPPED WITH 6 MIL. THICK POLYETHYLENE, 2 FEET BEYOND FITTINGS ON PVC PIPE.
4) PIPE RESTRAINER SHALL BE USED AT ALL FITTINGS TO PVC, CI & DI PIPE CONNECTIONS.
5) NO SUBSTITUTE FOR CONCRETE (I.E. SAKRETE BAGS, WOOD BLOCKS, ETC.) WILL BE ACCEPTED.
6) 6" AND 12" THRUST BLOCK CALCULATIONS UTILIZED HGL OF 910 FT. 24" THRUST BLOCK CALCULATIONS UTILIZE HGL OF 739 FT.

VERTICAL THRUST BLOCK
NTS



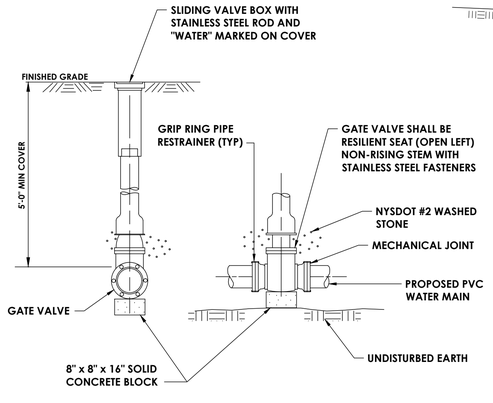
NOTE:
1. NIPPLE SHALL NOT BE THREADED

PRESSURE GAUGE AND BLOWOFF DETAIL
N.T.S.



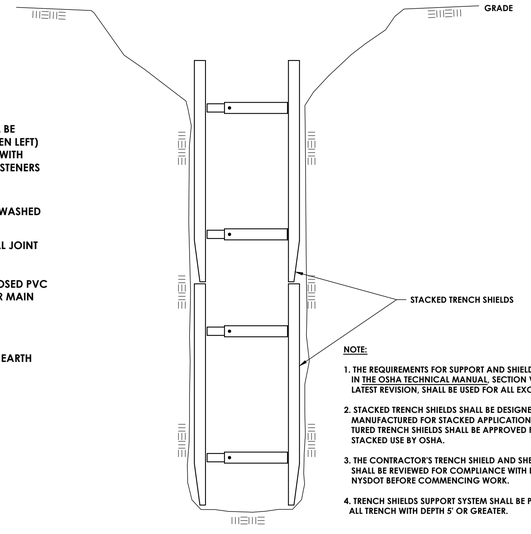
NOTES:
1) STAINLESS STEEL INSERTS SHALL BE USED AT ALL PE CONNECTIONS.
2) THE SADDLE AND CORPORATION STOP SHALL BE INITIALLY PLACED AT 22-1/2 DEGREES FROM HORIZONTAL IF IT WILL BE USED AS A SERVICE LOCATION.
3) IMMEDIATELY PRIOR TO THE WATER DEPARTMENT PLACING THE WATER MAIN IN SERVICE, THE CONTRACTOR SHALL REMOVE ALL COMPONENTS ASSOCIATED WITH TEMPORARY FACILITIES. THE CORPORATION STOP SHALL BE PLACED IN THE CLOSED POSITION AND THE QUICK CONNECT COUPLING PLUGGED IF THE LOCATION IS NOT USED AS A WATER SERVICE.
4) THE WATER MAIN SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARDS. FOLLOWING DISINFECTION, THE WATER MAIN SHALL BE FLUSHED UNTIL THE CHLORINE CONCENTRATION IN THE WATER LEAVING THE MAIN IS NO HIGHER THAN THAT GENERALLY PREVAILING IN THE SYSTEM. THE SAMPLING POINT(S) MUST BE DECONTAMINATED BY FLAMING.
5) FIRE HYDRANTS ARE NOT ACCEPTABLE SAMPLING POINTS.
6) THE WATER MAIN SHALL NOT BE PLACED INTO SERVICE UNTIL SO AUTHORIZED BY THE HEALTH DEPARTMENT.
7) REFER TO MATERIAL LIST FOR ADDITIONAL INFORMATION.

TEMPORARY DISINFECTION/BLOW-OFF/ SAMPLING TAP
NTS



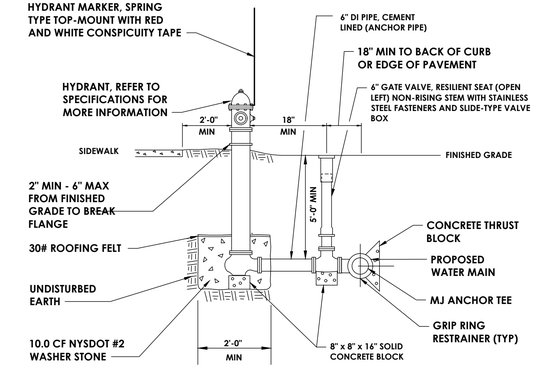
NOTES:
1) THE VALVE BOX SHALL BE BACKFILLED SO THAT IT DOES NOT REST ON THE VALVE HOUSING.
2) ALL BOLTS AND NUTS SHALL BE FLUOROCARBON COATED (BLUE).
3) VALVE SHALL BE WRAPPED WITH 6 MIL. THICK POLYETHYLENE 2 FEET BEYOND END OF VALVE.
4) REFER TO MATERIAL LIST FOR ADDITIONAL INFORMATION.

GATE VALVE
NTS



NOTE:
1. THE REQUIREMENTS FOR SUPPORT AND SHIELD SYSTEMS IN THE OSHA TECHNICAL MANUAL, SECTION V, CHAPTER 2, LATEST REVISION, SHALL BE USED FOR ALL EXCAVATIONS.
2. STACKED TRENCH SHIELDS SHALL BE DESIGNED AND MANUFACTURED FOR STACKED APPLICATIONS. MANUFACTURED TRENCH SHIELDS SHALL BE APPROVED FOR STACKED USE BY OSHA.
3. THE CONTRACTOR'S TRENCH SHIELD AND SHEETING SYSTEM SHALL BE REVIEWED FOR COMPLIANCE WITH BOTH OSHA AND NYSDOT BEFORE COMMENCING WORK.
4. TRENCH SHIELDS SUPPORT SYSTEM SHALL BE PROVIDE FOR ALL TRENCH WITH DEPTH 5' OR GREATER.

TYPICAL TRENCH SHIELD DETAIL
N.T.S.



NOTES:
1) HYDRANT WEEP HOLES SHALL NOT BE PLUGGED UNLESS GROUNDWATER IS ENCOUNTERED WITHIN 7 FEET OF FINISHED GRADE, OR AS ORDERED BY THE ENGINEER. IF HYDRANT WEEP HOLES ARE PLUGGED, PAINT BONNET PER FIRE DEPARTMENT STANDARDS.
2) ALL FLANGES ON THE HYDRANT LEG ARE TO BE MECHANICAL JOINT, RESTRAINING TYPE.
3) THE BARREL SHALL BE A SINGLE PIECE OF PIPE. NO EXTENSIONS SHALL BE PERMITTED.
4) DIP FITTINGS AND VALVES SHALL BE WRAPPED WITH 6 MIL. THICK POLYETHYLENE, 2 FEET BEYOND END OF FITTING ON PVC PIPE, TO INCLUDE HYDRANT BURY.
5) ALL BOLTS AND NUTS SHALL BE FLUOROCARBON COATED (BLUE).
6) ORIENTATION AND EXACT LOCATION SHALL BE DETERMINED BY THE WATER SYSTEM OPERATOR.
7) REFER TO MATERIAL LIST FOR ADDITIONAL INFORMATION.

FIRE HYDRANT ASSEMBLY
NTS

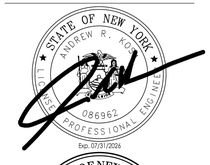
CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION
Project Number
R24.15997.00
Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER
Project Name
EDWARDS FIRE TANK
Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS



Exp. 07/31/2026

Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

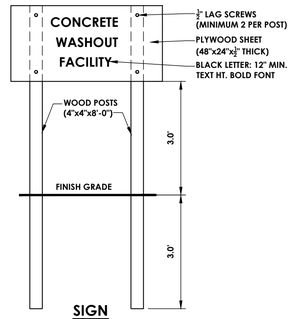
Drawn By	Checked By
AJC	JED

Drawing Title
DETAILS

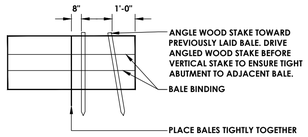
Drawing Number
C 301

Revision Number
1

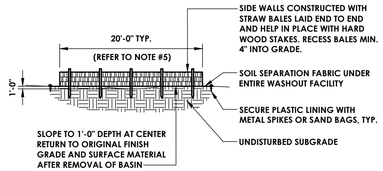
Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Details_DETAILS.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn



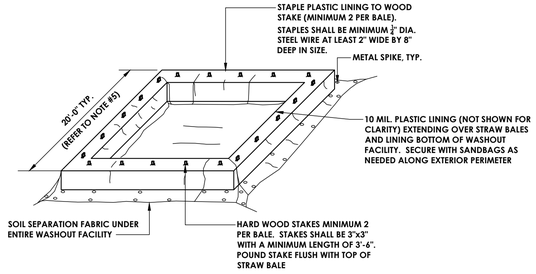
SIGN



BALE PROFILE



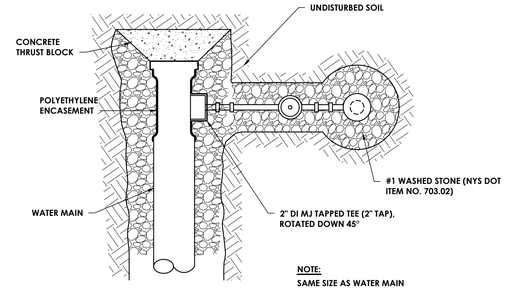
PROFILE OF FACILITY



ISOMETRIC VIEW OF FACILITY

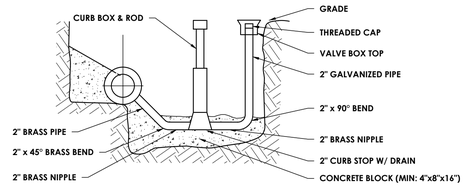
CONCRETE WASH AREA DETAIL

N.T.S



PLAN VIEW

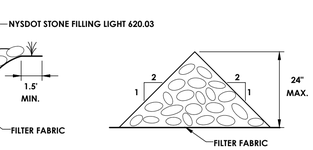
NOTE:
SAME SIZE AS WATER MAIN



ELEVATION VIEW

2" FLUSHING ASSEMBLY

N.T.S.



SPECIFICATIONS:

1) STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.

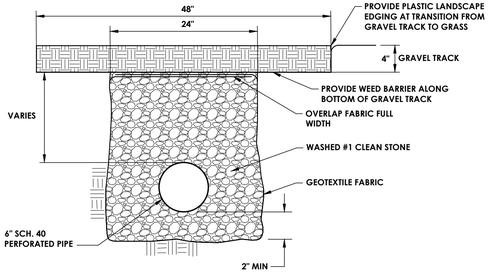
2) EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.

3) PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.

4) ENSURE THAT THE CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

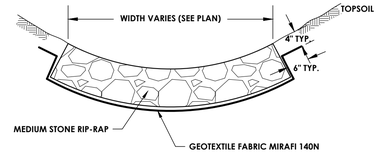
CHECK DAM

N.T.S.



UNDER DRAIN DETAIL

N.T.S.

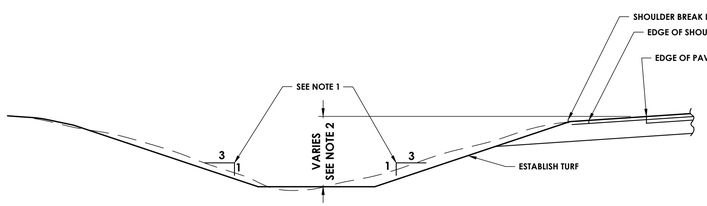


NOTES:

1) MAINTAIN MINIMUM SWALE DEPTH OF ONE FOOT.
2) MAINTAIN MINIMUM SWALE SLOPE OF 2%.
3) FILTER FABRIC TO BE MARIFI 140N OR EQUAL.

RIP-RAP LINED CHANNEL SECTION

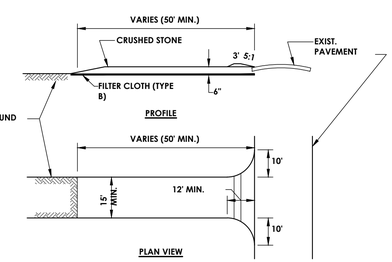
N.T.S.



NOTES:
1. SIDE SLOPES MAY VARY IN AREAS OF LIMITED R.O.W.
2.MAXIMUM DITCH DEPTH SHALL BE APPROXIMATELY 3'

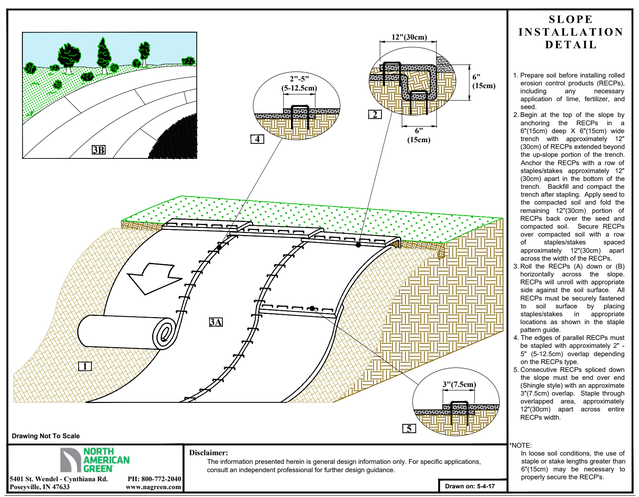
TYPICAL DITCH RESTORATION DETAIL

N.T.S.



STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S.



NOTES:

1. USE ERONET S150 BY NORTH AMERICAN GREEN OR APRROVED EQUAL.

SLOPE STABILIZATION DETAIL

N.T.S.

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

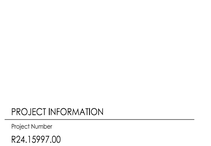
Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

Exp. 07/31/2026



Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR LICENSED ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

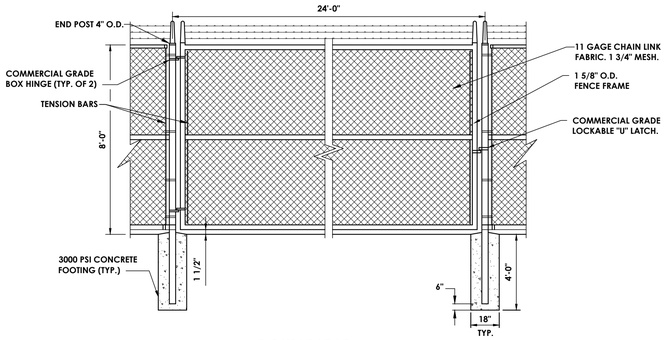
Drawn By	Checked By
AJC	JED

Drawing Title
DETAILS

Drawing Number
C 302

Revision Number
0

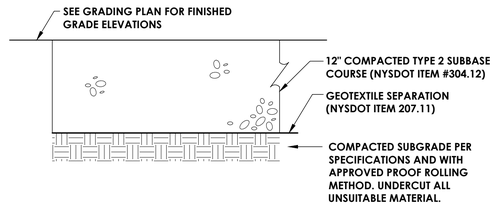
Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Details_DETAILS.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn



DOUBLE LEAF

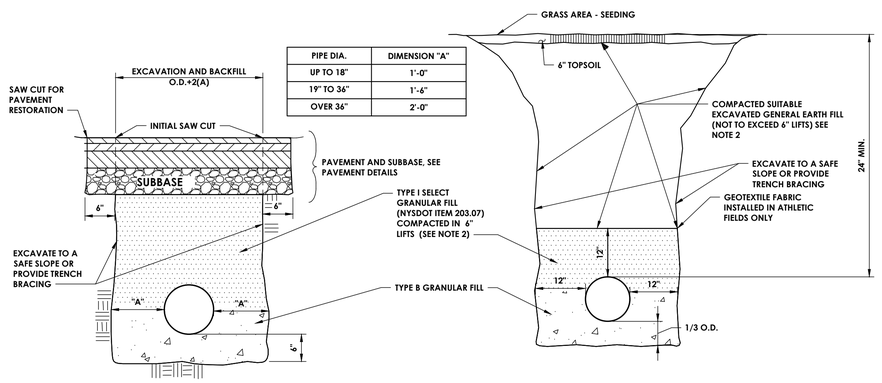
8' CHAIN LINK FENCE (ACCESS GATE)

N.T.S.



GRAVEL PAVEMENT SECTION

N.T.S.



PIPE DIA.	DIMENSION "A"
UP TO 18"	1'-0"
19" TO 36"	1'-6"
OVER 36"	2'-0"

IN PAVEMENT AREAS

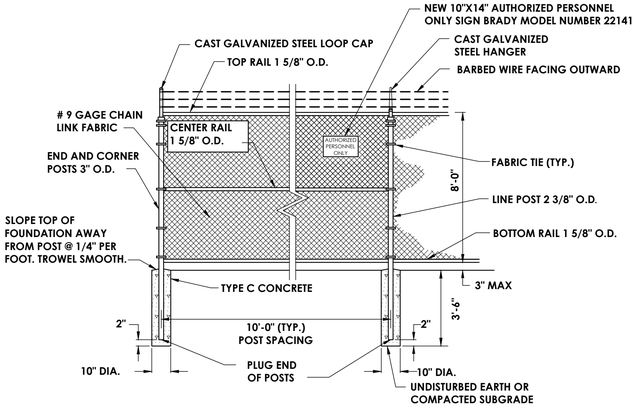
IN TREE / LAWN AREA

NOTES:

ALL BURIED TOPSOIL SHALL BE REMOVED FROM WITHIN 2'-0" OF THE PROPOSED BOTTOM OF TRENCH AND REPLACED WITH STONE BACKFILL TYPE B.

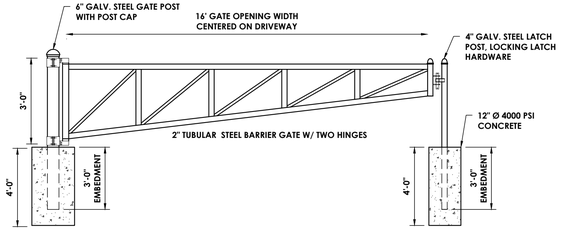
STORM SEWER TRENCH DETAILS

N.T.S.



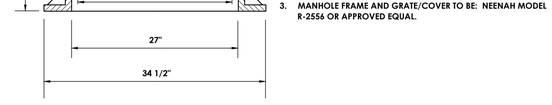
CHAIN LINK FENCE W/ BARBED WIRE

N.T.S.



BARRIER GATE

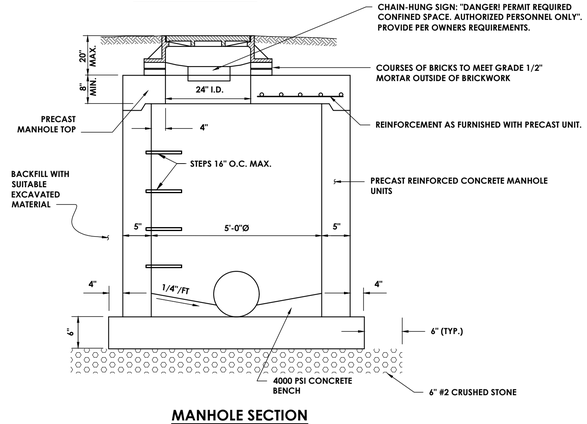
N.T.S.



NOTES:

1. MANHOLE STEPS ARE REQUIRED FOR ANY STRUCTURE DEEPER THAN 4 FT.
2. MANHOLE TOP SLABS, FRAMES AND COVERS SHALL BE DESIGNED FOR USE UNDER ANY H - 20 LOADING.
3. MANHOLE FRAME AND GRATE/COVER TO BE: NEENAH MODEL R-2556 OR APPROVED EQUAL.

MANHOLE FRAME



MANHOLE SECTION

STORM SEWER MANHOLE

N.T.S.

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

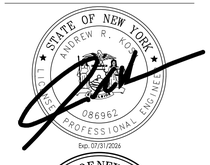
Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS



Exp. 07/31/2026

Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
AJC	JED

Drawing Title
DETAILS

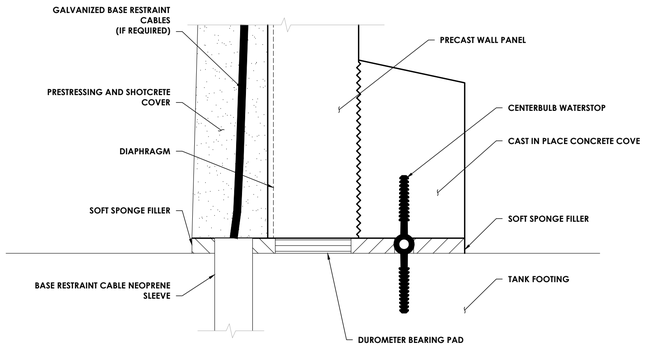
Drawing Number
C 303

Revision Number
0

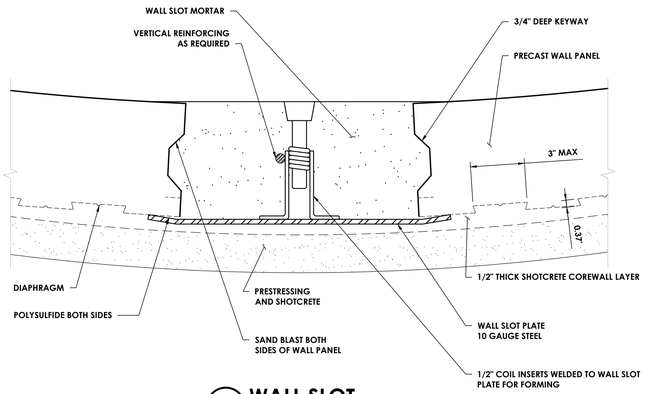
Sheet size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Details_DETAILS.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn

NOTES:

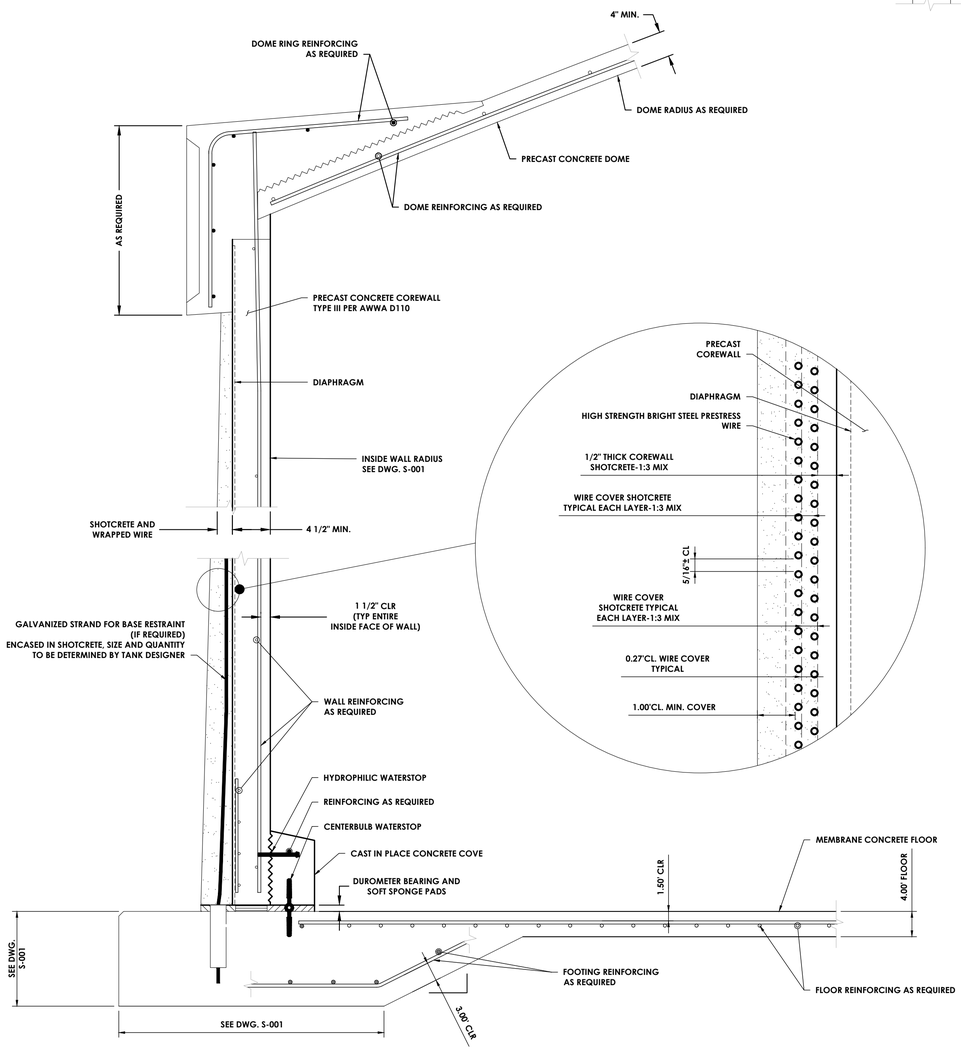
1) FOOTING AND FLOOR TO BE FINISHED PER SPECIFICATIONS.
2) MAINTAIN CLEARANCE BETWEEN THE INDIVIDUAL STRANDS IN THE BASE RESTRAINT CABLE SETS (DO NOT BUNDLE). CABLES MAY TOUCH WITHIN 2' OF THE BOOT.
3) THE COMBINED FLOOR AND WALL FOOTING SHALL BE POURED MONOLITHICALLY UNLESS APPROVED BY THE ENGINEER.
4) BASE RESTRAINT CABLES MAY BE BENT PRIOR TO INSTALLATION.
5) BASE RESTRAINT CABLE DESIGN REQUIREMENTS TO BE DETERMINED BY TANK CONTRACTOR.



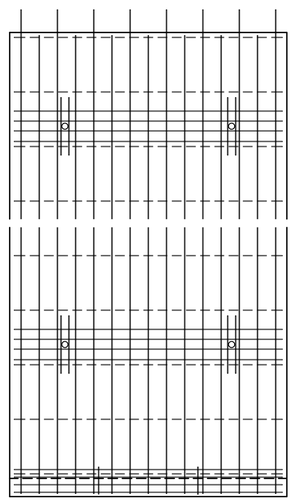
WALL BASE
NTS



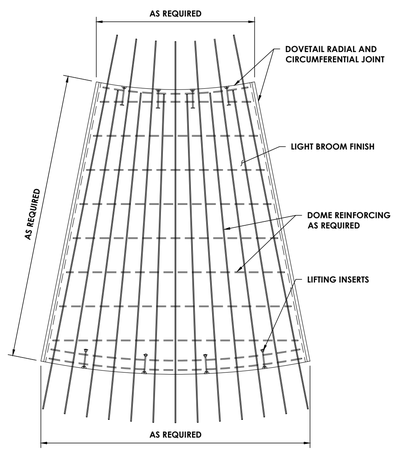
3 C-307 WALL SLOT
NTS



1 C-307 FOOTING, WALL AND ROOF SECTION
NTS



PRECAST WALL PANEL
NTS



PRECAST DOME PANEL
NTS

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106
BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

STATE OF NEW YORK · ANDREW R. KOLB · 086962 · PROFESSIONAL ENGINEER
Exp. 07/31/2026

STATE OF NEW YORK · JEREMY EDWARD JEDLICKA · 089609 · LICENSED PROFESSIONAL ENGINEER
Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT
IF IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
AJC	JED

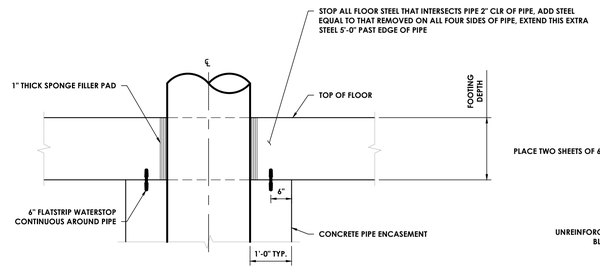
Drawing Title
TANK DETAILS

Drawing Number
C 304

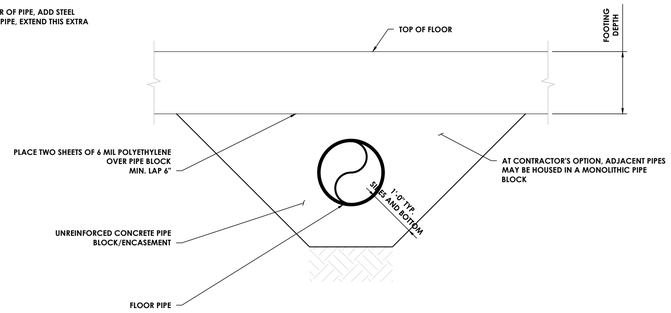
Revision Number
1

Sheet size: 22x34
Drawing Name: J:_PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Details\S-002 Tank\Details.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn

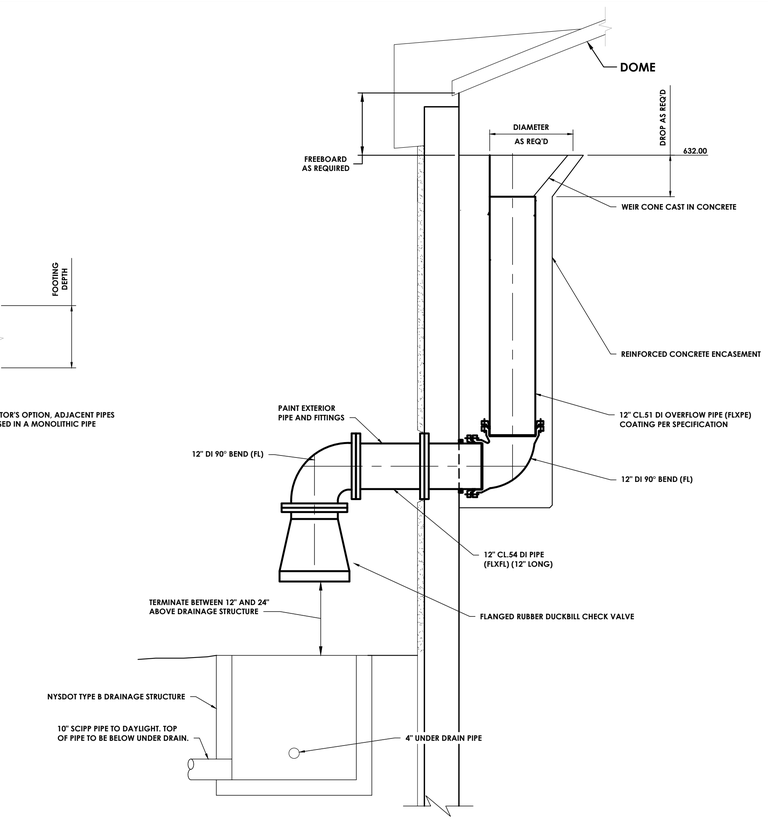
PIPING NOTES:
1. ALL PIPE MATERIAL TO BE CL.54 DI UNLESS NOTED OTHERWISE.
2. EPOXY COAT EXTERIOR OF PIPING INSIDE TANK. NO COATING ON PIPE IN CONTACT WITH CONCRETE.
3. EXTERIOR PIPING CONNECTION TO BE DESIGNED TO TOLERATE EXPECTED TANK SETTLEMENT.



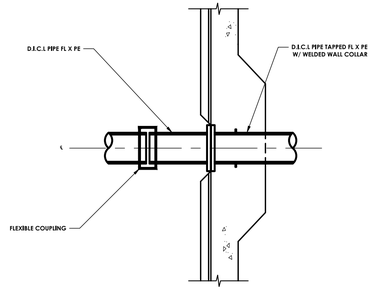
TYPICAL FLOOR PIPE ENTRANCE
NTS



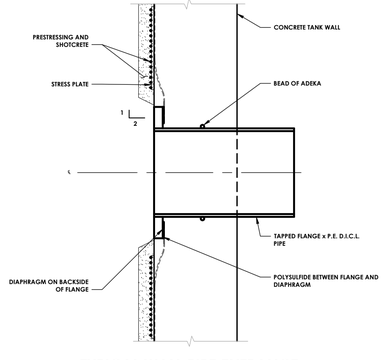
PIPE SECTION



OVERFLOW PIPE
NTS

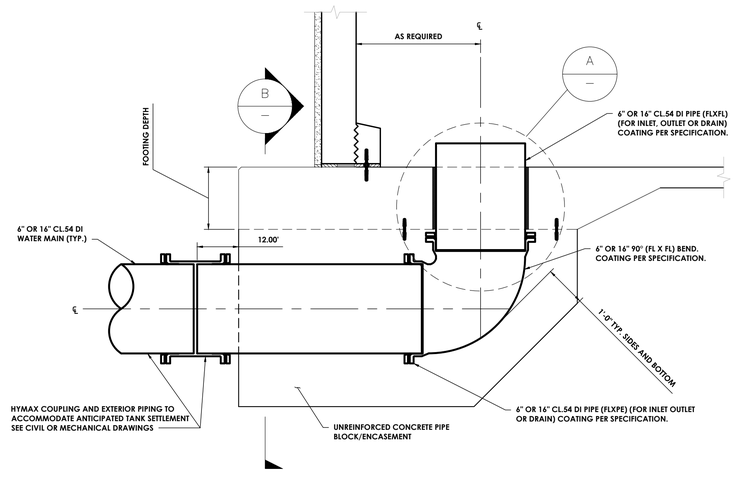


WALL SLEEVE
NTS



TYPICAL WALL PIPE ENTRANCE
NTS

NTS



TYPICAL FLOOR PIPE
NTS

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

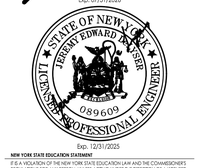
Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

Exp. 07/31/2026



Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
04/26/2024	AS NOTED

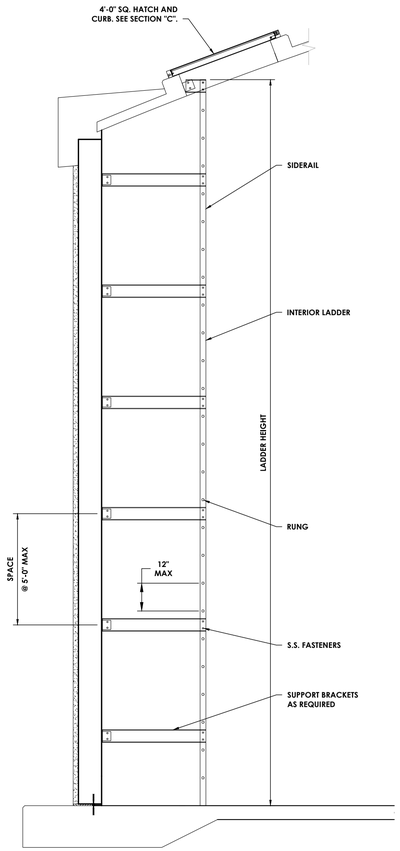
Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
AJC	JED

Drawing Title
TANK DETAILS

Drawing Number
C 305

Revision Number
1

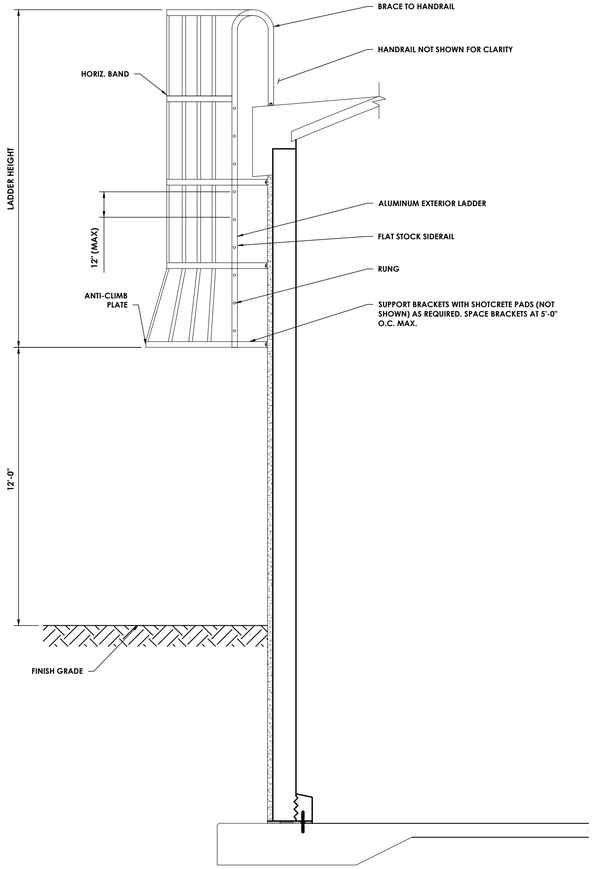


INTERIOR LADDER NOTES:

1) LADDER MATERIAL SHALL BE FRP.
2) OSHA COMPLIANT FALL PREVENTION DEVICE SHALL BE INSTALLED (SST).
3) LADDER RUNGS TO BE SOLID BARS AND FLUTED.
4) USE SST WEDGE ANCHORS FOR ALL CONNECTIONS TO CONCRETE UNLESS NOTED OTHERWISE.

INTERIOR LADDER

NTS

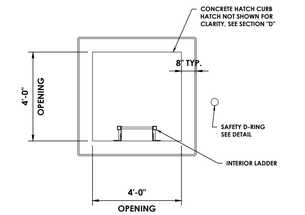


EXTERIOR LADDER NOTES:

1) ALL MATERIAL FOR EXTERIOR LADDER, SIDERAILS, RUNGS AND BRACKETS TO BE 6061-T6 ALUMINUM.
2) OSHA COMPLIANT FALL PREVENTION DEVICE SHALL BE INSTALLED (SST).
2) LADDER RUNGS TO BE SOLID BARS AND KNURLED.
3) ALL WELDS TO BE 3/16" MINIMUM.
4) ALL ALUMINUM IN CONTACT WITH CONCRETE MUST BE COATED WITH A HEAVY BITUMASTIC COATING, EPOXY PAINT OR SHIMMED USING PVC.
5) USE SST WEDGE ANCHORS FOR ALL CONNECTIONS TO CONCRETE UNLESS NOTED OTHERWISE.
6) WHERE SST BOLTS ARE IN CONTACT WITH DISSIMILAR METALS, USE INSULATING SLEEVES AND PHENOLIC WASHERS TO ELECTRICALLY ISOLATE THE BOLTS.
7) WHERE SST BOLTS ARE PLACED IN THE WALL EXTERIOR, DRILL AND PLACE AFTER WRAPPING AND BEFORE FINAL SHOTCREITING.

EXTERIOR LADDER

NTS

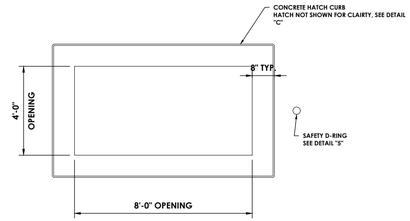


4'-0" SQ. ACCESS HATCH

NTS

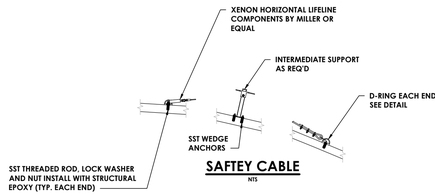
ROOF HATCHES NOTES:

1) HATCHES TO BE SINGLE LEAF USF SRR1 ALUMINUM HATCHES OR EQUAL.
2) ALL ALUMINUM IN CONTACT WITH CONCRETE MUST BE COATED WITH A HEAVY BITUMASTIC COATING, EPOXY PAINT OR SHIMMED USING PVC.
3) USE SST WEDGE ANCHORS FOR ALL CONNECTIONS TO CONCRETE UNLESS NOTED OTHERWISE.
4) WHERE SST BOLTS ARE IN CONTACT WITH DISSIMILAR METALS, USE INSULATING SLEEVES AND PHENOLIC WASHERS TO ELECTRICALLY ISOLATE THE BOLTS.



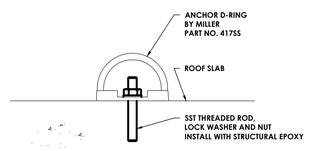
4'-0"x8'-0" EQUIPMENT HATCH

NTS



SAFTEY CABLE

NTS



SAFTEY D-RING

NTS

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

Exp. 07/31/2026

Exp. 12/31/2025

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

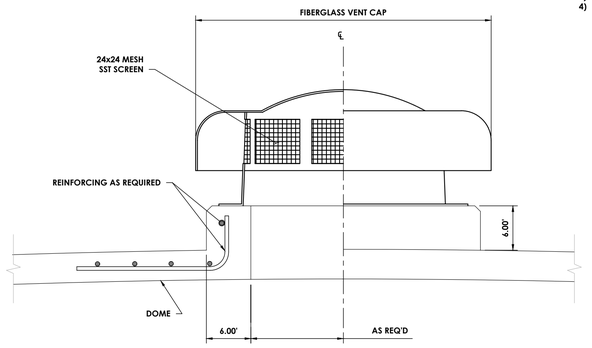
Issued	Scale
04/26/2024	AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By	Checked By
AJC	JED

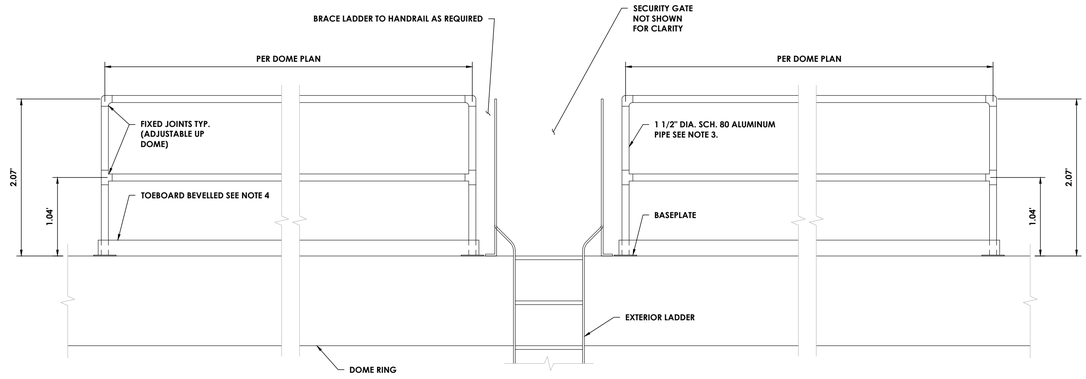
Drawing Title
TANK DETAILS

Drawing Number	Revision Number
C 306	1



ROOF VENT
NTS

ROOF VENT NOTES:
1) VENT TO BE FIBERGLASS REINFORCED POLYMER.
2) SIZE PER PROJECT VENTING RATES. SEE SPECIFICATIONS.
3) USE SST WEDGE ANCHORS FOR ALL CONNECTIONS TO CONCRETE UNLESS NOTED OTHERWISE.
4) VENT SHALL HAVE AN AUTOMATICALLY RESETTING PRESSURE-VACUUM RELIEF MECHANISM.



GUARDRAIL NOTES:
1) ALL MATERIAL FOR RAILS AND POSTS TO BE 6061-T6 ALUMINUM.
2) HANDRAIL FITTINGS SHALL BE SPEEDRAIL BY HOLLAENDER, INC OR EQUAL.
3) HORIZONTAL RAILS AND POSTS TO BE 1 1/2" SCH 80 PIPE.
4) HOLLAENDER BEVELED TOE BOARD SHALL BE ATTACHED TO FRONT RAIL.
5) USE SST FOR ALL BOLTS UNLESS NOTED OTHERWISE.
6) USE SST WEDGE ANCHORS FOR ALL CONNECTIONS TO CONCRETE UNLESS NOTED OTHERWISE.

HANDRAIL ELEVATION
NTS

CPL | Architecture Engineering Planning
255 Woodcliff Drive, Suite 200
Fairport, NY 14450
CPLteam.com
NY ENGINEERING FIRM CERTIFICATE #018330

PROJECT INFORMATION

Project Number
R24.15997.00

Client Name
GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

Project Name
EDWARDS FIRE TANK

Project Address
99 MEDTECH DRIVE, SUITE 106 BATAVIA, NY 14020

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1.	06/10/2024	Planning Board Review Comments 06/03/2024

PROFESSIONAL STAMPS

Exp. 07/31/2026

Exp. 12/31/2025

SHEET INFORMATION

Issued
04/26/2024

Scale
AS NOTED

Project Status
DESIGN DEVELOPMENT

Drawn By
AJC

Checked By
JED

Drawing Title
TANK DETAILS

Drawing Number
C
307

Revision Number
1

Sheet Size: 22x34
Drawing Name: J:\PROJECTS\GCEDC\STAMP Edwards Fire Tank\D Design\ACAD\Civil\Details_DETAILS.dwg
Date last accessed: 6/11/2024 11:07 AM
Date last plotted: 6/11/2024 11:12 AM
Plotted By: Joseph Slyn

July 1, 2024 (via Email only)

Robert D. Klavoon, PE
Senior Civil Engineer
Wendel
375 Essjay Road, Suite 200
Williamsville, NY 14221

RE: STAMP Fire Tank
Basis of Design Report and Plans Review
CPL Project # R24.15997.00

Dear Mr. Klavoon:

We are writing in response to your June 25, 2024 email. We have reviewed the Alabama Planning Board comments on the Construction Plans for the STAMP Fire Tank. Our responses to your comments are provided in ***bold/ italics.***

1. What is the color of the tank? Please provide a color sample.
   Response: The tank color will be selected to compliment the colors of the Edwards Facility. Please refer to the attached color chart from Euclid Chemical Company as provided by DN Tanks, one of the potential tank manufacturers.

2. What is the color of the roof of the tank? Please provide a color sample.
   Response: The tank roof color will be the same color as the walls, selected to compliment the colors of the Edwards Facility. Please refer to the attached color chart from Euclid Chemical Company as provided by DN Tanks, one of the potential tank manufacturers.

3. What is the approx. wall thickness of the tank?
   Response: The tank wall thickness varies based upon the height location, there is a minimum thickness of 4-1/2" concrete panel, which is then wrapped with wire and shot-crete. The final thickness varies from 7-8" near the roof and 10-12" at the base.

4. Is there any landscaping planned for the site?
   Response: No landscaping is planned at this location.

5. What is the finish (aggregate?) for the proposed above ground control building? What will it look like?
   Response: We are using the Lakelands Versa-Set Flat Roof style building as the basis of design. The control building will have a similar appearance to the substation control buildings.

6. Are you proposing chain link fence around the tank site?
   Response: The security fence as shown on the plans (C-201) will be chain-link with barbed wire as shown in the details (C-303).

7. Is there any site lighting proposed for the tank site? Will it be dark sky compliant?
Response: The single light on site will be mounted over the doors at the control building. The fixture will be a Hubbell TRP1-24L-25-4K7-4W-120-BLT-SCP-8F-EH, which is dark-sky compliant and will include a motion sensor, the intent is to only provide illumination for the area around the control building door.

8. Can you provide a rendering of the proposed tank from a couple of different views?
Response: We have included a winter and summer photo of tanks located in Lansing, New York. The color of these tanks is "Pearl" from the chart provided in Responses 1 & 2.

If you have any questions or require additional information, please contact Andrew Kosa Akosa@CPLteam.com / 585-402-7506 or me JDelyser@CPLteam.com / 585-402-7565.

Very truly yours,

CPL

Jeremy E. DeLyser, P.E.
Project Manager

Enclosures

c: Mark Masse, CPA., GCEDC (w/ Enc. – via Email)

DECORATIVE COATINGS

For Pre-stressed Concrete Tanks

The Euclid Chemical Company manufactures industrial and decorative coatings in a wide range of aesthetically pleasing colors. Colors are classified as **Standard** and **Custom**. Consult the product Technical Data Sheet or call Customer Service at 1-800-321-7628 for additional information.

The **Standard Colors** shown are the most popular and most appropriate for pre-stressed concrete tanks. Accent colors for architectural treatments are available upon request.

Custom Colors are matched to a color sample provided by the customer. A minimum order of 50 gallons is required. Up charges will be established on an order by order basis with manufacturing overages of up to 5% being billed.

ALPINE

GRAY

NAVAJO

PEARL

SILVER

SUMMER

WHITE

WINTER

The color chips shown are simulated. Each has been color matched as closely as possible to production standards. Variations in final shades will occur due to surface absorption, light reflection, substrate texture, and co... Chemical always recommends a test panel be reviewed to ensure d... ...ed. Two coats are recommended on all colored products to ac...

ISO 9001:2000 Certified

DN TANKS

An RPM Company

19218 Redwood Road • Cleveland, O... (800) 321-7628 • Fax: (216) 531-9596
www.euclidchemical.com

VISUALIZATION 1
SIMULATED EXISTING CONDITION - No Setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 1
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 1
SIMULATED CONDITION - No Setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 2
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 1
SIMULATED CONDITION - No Setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 3
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 1
SIMULATED CONDITION - 100FT setback from STAMP/Nation's Territory Property Line

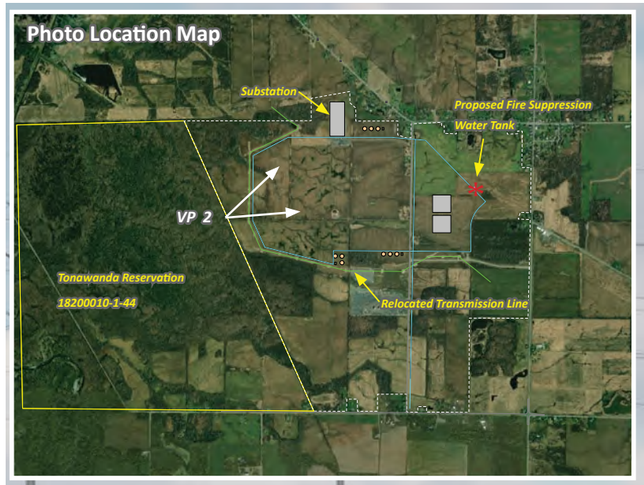
Figure 4
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

SARATOGA ASSOCIATES

VISUALIZATION 1
SIMULATED CONDITION - 200FT setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 5
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY



VISUALIZATION 2
SIMULATED EXISTING CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 6
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 2
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 7
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 2
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 8
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 2
SIMULATED CONDITION - 100FT setback from STAMP/Nation's Territory Property Line

Figure 9
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

SARATOGA ASSOCIATES

VISUALIZATION 2
SIMULATED CONDITION - 200FT setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 10
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 3
SIMULATED EXISTING CONDITION - No setback from STAMP/Nation's Territory Property Line

Figure 11
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

SARATOGA ASSOCIATES

VISUALIZATION 3
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 12
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 3
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 13
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 3
SIMULATED CONDITION - 100FT setback from STAMP/Nation's Territory Property Line

Figure 14
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

SARATOGA ASSOCIATES

VISUALIZATION 3
SIMULATED CONDITION - 200FT setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 15
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 4
SIMULATED EXISTING CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 16
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 4
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 17
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 4
SIMULATED CONDITION - No setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 18
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 4
SIMULATED CONDITION - 100FT setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 19
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

VISUALIZATION 4
SIMULATED CONDITION - 200FT setback from STAMP/Nation's Territory Property Line

SARATOGA ASSOCIATES

Figure 20
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 5
LEWISTON ROAD EXISTING CONDITION

Figure 21
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

SARATOGA ASSOCIATES

PHOTO 5
LEWISTON ROAD SIMULATED CONDITION

SARATOGA ASSOCIATES

Figure 22
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 6
ALLEGHENY ROAD EXISTING CONDITION

SARATOGA ASSOCIATES

Figure 23
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 6
ALLEGHENY ROAD SIMULATED CONDITION

SARATOGA ASSOCIATES

Figure 24
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 7
ALLEGHENY ROAD EXISTING CONDITION

SARATOGA ASSOCIATES

Figure 25
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 7
ALLEGHENY ROAD SIMULATED CONDITION

SARATOGA ASSOCIATES

Figure 26
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

PHOTO 7
ALLEGHENY ROAD SIMULATED CONDITION (highlighted)

SARATOGA ASSOCIATES

Figure 27
VISIBILITY ASSESSMENT
FIRE SUPPRESSION WATER TANK
WNY Science and Technology Advanced Manufacturing Park STAMP)
Town of Alabama, Genesee County, NY

04/02/2023 - 04/08/2023