Tiffin Regular City Council Meeting
Tiffin Regular City Council Meeting
September 01, 2026 07:00 pm

September 1, 2026

7:00 PM

Regular Formal

[AMENDED]

City Council Meeting

Tiffin City Hall

300 Railroad Street, Tiffin, Iowa 52340

www.tiffin-iowa.org

Mayor:	Tim Kasparek	**Public Works Director:**	Brian Detert
Council At Large:	Tim Orris – Mayor Pro-Tem	**Water/WW Superintendent:**	Brett Mehmen
Council At Large:	Tony Johnson	**Building Official:**	Brian Shay
Council At Large:	Skylar Limkemann	**Recreation Director:**	Grant Weber
Council At Large:	Chris Olney	**Library Director:**	Liz Petersen Grier
Council At Large:	Eric Schnedler	**Interim Fire Chief:**	Tom Hartshorn
City Administrator:	Doug Boldt	**City Engineer:**	MSA Professional Services
Asst. City Admin.	Ashley Platz		
City Attorney	Crystal Raiber		
City Clerk	Abigail Hora		

A. **Call to Order - 7:00PM**
File: Agenda [AMENDED]

B. **Roll Call**

C. **Agenda Additions/Agenda Approval**

Note: These are routine items and will be enacted by one motion without separate discussion unless a Council Member requests separate consideration.

D. **Communications and Reports**

1. Unscheduled
This is an opportunity for those wishing to address the City Council on an item NOT on the agenda.
If you wish to address the Council on subjects pertaining to today's meeting agenda, please wait until that item on the agenda is reached.
If you wish to speak now, please approach the lectern and give your name and address for the public record before discussing your item.
As a reminder each speaker is limited to 3 minutes or less.
As an additional reminder, in accordance with public meeting laws, the Council may only discuss or act on matters that are presented on this agenda.

E. **Consent Agenda**

Note: These are routine items and will be enacted by one motion without separate discussion unless a Council Member requests separate consideration.

1. **Approval of 8/18 Council Minutes**
   File: E-1

2. **Approval of Summary of Receipts Report**
   File: E-2

3. **Approval of Change Order #3 – Tricon Construction Group – Water Treatment Facility Upgrade**
   File: E-3

4. **Approval of Pay Application #12 – Tricon Construction Group – Water Treatment Facility Upgrade [AMENDED]**

   [AMENDED- Removed Pay Application #16 – Miron Construction and Replaced with Tricon]

   File: E-4 [AMENDED]

5. **Approval of Pay Application #16 – Boomerang Construction Group – North Park Road Improvements Project**
   File: E-5

6. **Approval of Changer Order #18 - Boomerang Construction Group - North Park Road Improvements Project**
   File: E-6

7. **Approval of Amendment to the Purchase Agreement for 100 West Marengo Road**
   File: E-7

8. **Approval of State Revolving Fund (SRF) Reimbursement Request #8 - Water Treatment Facility Upgrade Project**

   [AMENDED: Item added to the agenda]

   File: E-8

F. **Mayoral Proclamation**
   1. **Building and Code Staff Appreciation Day**
      File: F-1

G. **Public Hearing**

H. **Ordinance Approval/Amendment**

I. **Resolutions for Approval**
   1. **Resolution No. 2026-045 – A Resolution Setting a Public Hearing Date of September 15, 2026, on an Ordinance Amending Chapter 35 – Fire Protection – Creating an EMS only Division of the Fire Department [AMENDED]**

      [AMENDED: Updated Resolution title]

      File: I-1 [AMENDED]

J. **Old Business**

K. **Motions for Approval**
   1. **Consideration of Payables List – Motion to Approve**
      File: K-1

   2. **Discussion and Consideration to Approve a Professional Service Agreement with the Iowa DOT for the Highway 6 Improvements Project – Motion to Approve**
      File: K-2

   3. **Discussion and Consideration to Approve the Professional Services Agreement with Goerdt Inspections and Consultation Services, LLC and Council Action as Needed**
      File: K-3

   4. **Discussion and Consideration of Purchase of 2025 Chevrolet Equinox LT for Parks & Recreation Department – Motion to Approve**
      File: K-4

   5. **Discussion and Consideration to Approve a One-Time Water and Sewer Adjustment – 601 Gentry Lane – Motion to Approve**
      File: K-5

L. **Reports to be Received/Filed**

1. **Outstanding Obligations Disclosure Statement Report – 2026**
   File: L-1

2. **City Engineer's Report [AMENDED]**

   Amended to include this late addition.

   File: L-2

M. **Reports from City Personnel**

1. Mayor’s Report
2. City Council Reports
3. Director of Public Work’s Report
4. Building Official’s Report
5. Water/Wastewater Superintendent’s Report
6. Recreation Director’s Report - Included in Packet
7. Fire Chief’s Report
8. Law Enforcement Report
9. City Attorney’s Report
10. City Administrator’s Report - Included in Packet

File: M-10
File: M-6

N. **Adjournment**

Pursuant to §21.4(2) of the Code of Iowa, the City has the right to amend this agenda up until 24 hours before the posted meeting time.

If anyone with a disability would like to attend the meeting, please call City Hall at 319-545-2572 to arrange for accommodations/transportation.

City of Tiffin, Iowa

Meeting:	**Tiffin City Council Meeting [AMENDED]**
Place:	**Tiffin City Hall 300 Railroad St, Tiffin, Iowa, 52340**
Date/Time:	**September 1, 2026 – 7:00 p.m.**
Web Page:	**www.tiffin-iowa.org**
Posted:	**August 27, 2026 (website & front entry of City Hall)**

Mayor:	Tim Kasparek	**W/WW Superintendent**:	Brett Mehmen
Council At Large:	Tim Orris – Mayor Pro-Tem	**D. of Public Works**:	Brian Detert
Council At Large:	Tony Johnson	**Recreation Director**:	Grant Weber
Council At Large:	Skylar Limkemann	**Building Official**:	Brian Shay
Council At Large:	Chris Olney	**Library Director:**	Elizabeth Petersen Grier
Council At Large:	Eric Schnedler	**Interim Fire Chief**:	Tom Hartshorn
City Administrator:	Doug Boldt	**City Engineer**:	MSA Professional Services
Asst. City Administrator:	Ashley Platz		
City Clerk:	Abigail Hora		
City Attorney:	Crystal Raiber		

A. Call to Order – 7:00 PM

B. Roll Call

C. Agenda Additions/Agenda Approval

1.

D. Communications and Reports

1. Unscheduled

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E. Consent Agenda

Note: These are routine items and will be enacted by one motion without separate discussion unless a Council Member requests separate consideration.

1. Approval of August 18, 2026, City Council Minutes
2. Approval of Summary of Receipts Report
3. Approval of Change Order #3 – Tricon Construction Group – Water Treatment Facility Upgrade
4. Approval of Pay Application #12 – Tricon Construction Group – Water Treatment Facility Upgrade [AMENDED- Removed Pay Application #16 – Miron Construction and Replaced with Tricon]
5. Approval of Pay Application #16 – Boomerang Construction Group – North Park Road Improvements Project
6. Approval of Changer Order #18 – Boomerang Construction Group – North Park Road Improvements Project
7. Approval of Amendment to the Purchase Agreement for 100 West Marengo Road
8. Approval of State Revolving Fund (SRF) Reimbursement Request #8 - Water Treatment Facility Upgrade Project [AMENDED: Item added to the agenda]

F. Mayoral Proclamation

1. Building and Code Staff Appreciation Day

G. Public Hearing

1.

H. Ordinance Approval/Amendment

1.

I. Resolutions for Approval

1. Resolution No. 2026-045 – A Resolution Setting a Public Hearing Date of September 15, 2026, on an Ordinance Amending Chapter 35 – Fire Protection – Creating an EMS only Division of the Fire Department [AMENDED: Updated Resolution title]

J. Old Business

1.

K. Motions for Approval

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2. Discussion and Consideration to Approve a Professional Service Agreement with the Iowa DOT for the Highway 6 Improvements Project – Motion to Approve
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4. Discussion and Consideration of Purchase of 2025 Chevrolet Equinox LT for Parks and Recreation Department – Motion to Approve
5. Discussion and Consideration to Approve a One-Time Water and Sewer Adjustment – 601 Gentry Lane – Motion to Approve

L. Reports to be Received/Filed

1. Outstanding Obligations Disclosure Statement Report – 2026
2. City Engineers Report [AMENDED]

M. Reports from City Personnel

1. Mayor's Report
2. City Council Reports
3. Director of Public Work's Report
4. Building Official's Report
5. Water/Wastewater Superintendent's Report
6. Recreation Director's Report – Included in Packet
7. Fire Department Report
8. Law Enforcement Report
9. City Attorney's Report
10. City Administrator's Report – Included in Packet

N. Adjournment

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City of Tiffin, Iowa

Agenda Item: E-1

Meeting:	**Tiffin City Council Meeting [AMENDED]**
Place:	**Tiffin City Hall 300 Railroad St, Tiffin, Iowa, 52340**
Date/Time:	**August 18, 2026 – 7:00 p.m.**
Web Page:	**www.tiffin-iowa.org**
Posted:	**August 14, 2026 (website & front entry of City Hall)**

Mayor:	Tim Kasparek	**W/WW Superintendent**:	Brett Mehmen
Council At Large:	Tim Orris – Mayor Pro-Tem	**D. of Public Works**:	Brian Detert
Council At Large:	Tony Johnson	**Recreation Director**:	Grant Weber
Council At Large:	Skylar Limkemann	**Building Official**:	Brian Shay
Council At Large:	Chris Olney	**Library Director:**	Elizabeth Petersen Grier
Council At Large:	Eric Schnedler	**Interim Fire Chief**:	Tom Hartshorn
City Administrator:	Doug Boldt	**City Engineer**:	MSA Professional Services
Asst. City Administrator:	Ashley Platz		
City Clerk:	Abigail Hora		
City Attorney:	Crystal Raiber		

Work Session - Call to Order – 6:30 PM

A. Roll Call

The City of Tiffin City Council held a work session Tuesday, August 18, 2026, at the Tiffin City Hall Council Chambers. Mayor Kasparek arrived at 6:38 PM called the meeting to order at 6:30 PM. Upon roll being called the following members were present: Tim Orris, Eric Schnedler, Tony Johnson and Chris Olney. Absent: Skylar Limkemann. Others present were City Administrator Doug Boldt, Assistant City Administrator Ashley Platz, and City Clerk Abigail Hora.

B. Agenda Additions/Agenda Approval

Motion to approve agenda by Olney.
Second by Johnson.
All ayes, agenda approved.

C. Discussion and Review of Potential Funding Opportunities through the IDOT for Trail and Pedestrian Tunnel Improvements

Discussion: Assistant City Administrator Ashley Platz led the discussion and reviewed the six project options previously developed by MSA. The options include improvements to the existing Highway 6 pedestrian underpass and future 10-foot pedestrian trail connections to the Middle School and High School. Ashley will work with MSA to obtain updated project cost estimates, as the current numbers may be outdated. The Iowa DOT's Statewide Transportation Alternatives Program (TAP) offers potential funding for Safe Routes to School projects, with applications due October 1, 2026. Council directed the City to pursue the grant and include all six proposed options, with final improvements to be determined based on the funding award, available funding amount, and highest-priority needs.

D. Questions from Council Members regarding items on the Regular City Council Agenda or Reports

E. Other Business

F. Adjournment

Motion to adjourn by Johnson.
Second by Schnedler.
All ayes, meeting adjourned at 6:59 PM.

A. Regular Session - Call to Order – 7:00 PM

B. Roll Call

The City of Tiffin City Council held a regular session Tuesday, August 18, 2026, at the Tiffin City Hall Council Chambers. Mayor Kasparek called the meeting to order at 7:01 PM. Upon roll being called the following members were present: Eric Schnedler, Tony Johnson, Tim Orris and Chris Olney. Absent: Skylar Limkemann. Others present were City Administrator Doug Boldt, Assistant City Administrator Ashley Platz, and City Clerk Abigail Hora.

C. Agenda Additions/Agenda Approval

Motion to approve by Orris.
Second by Johnson.
All ayes, agenda approved.

D. Communications and Reports

1. Unscheduled

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E. Consent Agenda

Note: These are routine items and will be enacted by one motion without separate discussion unless a Council Member requests separate consideration.

1. Approval of August 5, 2026, City Council Minutes
2. Approval of Summary of Receipts Report
3. Approval of Clerk/Treasurer's Report
4. Approval of State Revolving Fund (SRF) Reimbursement Request #7 – Water Treatment Facility Upgrade Project

Motion to approve Consent Agenda by Orris.
Second by Johnson.
All ayes, consent agenda approved.

F. Mayoral Proclamation

1.

G. Public Hearing

1.

H. Ordinance Approval/Amendment

1. Ordinance No. 2026-529 – An Ordinance Amending the Official Zoning Map of the City of Tiffin, Iowa, to Rezone The Lotus Hill South Area of Andersen Addition – Part Three, from R-12/OPD Concept District to R-12/OPD Site District, in the City of Tiffin, Iowa, Johnson County, Iowa, and as Legally described herein
    a. Motion to Approve Third and Final Reading

    Motion to approve by Olney.
    Second by Orris.
    Roll Call: Orris, Olney, Schnedler, Johnson.
    All ayes, third and final reading approved.

I. Resolutions for Approval

1.

J. Old Business

1.

K. Motions for Approval

1. Consideration of Payables List – Motion to approve by Orris.
   Second by Johnson.
   All ayes, motion carried.

2. Discussion and Consideration to Approve the Membership Structure for the Recreation Center and Council Action as Needed. Motion to approve by Orris.
   Second by Johnson.
   All ayes, motion carried.

3. Discussion and Consideration of Fitness and Cardio Equipment for the Recreation Center and Council Action as Needed. Motion to approve by Orris.
   Second by Olney.
   All ayes, motion carried.
4. Discussion and Consideration of Dedicated Website for the Recreation Center and Council Action as Needed. Motion to approve by Orris.
   Second by Johnson.
   All ayes, motion carried.
5. Discussion and Consideration of Opening Day Marketing Efforts for the Recreation Center and Council Action as Needed. Motion to approve by Orris.
   Second by Johnson.
   All ayes, motion carried.
6. Discussion and Consideration to Approve Purchase Agreement for 100 West Marengo Road, Tiffin, IA, and Council Action as Needed. Motion to approve by Orris.
   Second by Johnson.
   All ayes, motion carried.

L. Reports to be Received/Filed

1. Tiffin Recreation Center Monthly Report – July 2026
2. Johnson County Sheriff's Report – July 2026
3. Monthly Departmental Budget Report [AMENDED: Item Added 8/17/2026]

M. Reports from City Personnel

1. Mayor's Report – Nothing to Report.
2. City Council Reports – Nothing to Report.
3. Director of Public Work's Report – Nothing to Report.
4. Building Official's Report - Nothing to Report.
5. Water/Wastewater Superintendent's Report – Nothing to Report.
6. Recreation Director's Report – Nothing to Report.
7. Fire Department Report - Nothing to Report.
8. Law Enforcement Report - Nothing to Report.
9. City Attorney's Report - Nothing to Report.
10. City Administrator's Report – Included in Packet.

N. Adjournment

Motion to adjourn by Schnedler.
Second by Orris.
All ayes, meeting adjourned at 7:21 PM.

Abigail Hora

_____ August 25th, 2026
Abigail Hora, City Clerk

City of Tiffin Summary of Receipts
08/14/2026-08/27/2026

001-GENERAL	$	7,795.44
110-ROAD USE TAX	$	114,107.80
112-EMPLOYEE BENEFIT	$	-
119-EMERGENCY FUND	$	-
121-LOCAL OPTION SALES TAX	$	23,960.46
125-TIF	$	-
200-DEBT SERVICE	$	-
301-DEVELOPER ESCROW	$	-
307-PARK ROAD PAVING	$	-
309-US HWY 6 RECONSTRUCTION	$	-
310-TRAIL PROJECT	$	-
316-GO BONDS	$	-
320-ROUNDABOUT	$	-
321-ORIGINAL TOWN URBANIZATION	$	-
335-FOREVERGREEN RD	$	-
336-PUBLIC WORKS BUILDING	$	-
340-RECREATION CENTER	$	-
344-PW EQUIPMENT	$	-
600-WATER	$	108,349.45
601-WATER SINKING	$	-
607-SECOND WELL	$	-
608-WATER TREATMENT PLANT	$	1,322,480.77
610-SEWER	$	91,501.75
611-SEWER SINKING	$	-
617-SANITARY SEWER IMPROVEMENTS	$	-
618-SEWER MAIN UPSIZE RAILROAD	$	-
670-RECYCLING/GARBAGE	$	32,665.48
740-STORM WATER	$	7,179.42
TOTAL:	$	1,708,040.57

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Approval of Change Order #3 – Tricon Construction Group – Water Treatment Facility Upgrade
ACTION:	Motion

Background

The City of Tiffin entered into a construction contract with Tricon Construction Group for the Tiffin Water Treatment Facility Upgrade. The original contract amount was $12,182,553.00. Previously approved Change Orders No. 1 and No. 2 increased the contract by a combined $20,148.91, bringing the contract amount to $12,202,701.91 prior to Change Order No. 3.

Change Order No. 3 incorporates several modifications identified during the construction and review process. The changes are intended to address material selections, building and fire-rating requirements, lighting, mechanical equipment location, and structural requirements associated with the project. The Change Order was issued August 19, 2026, with an effective date of September 1, 2026.

The supporting documentation includes contractor change order requests, material information, revised plans, and related documentation. The building modifications included under this Change Order are associated with building inspection and code-related requirements. The project plans identify the applicable building and fire codes, including the 2018 International Building Code (IBC) and 2024 International Fire Code (IFC).

The project documentation also indicates that the design was revised to provide 1-hour rated fire wall assemblies for the three required control areas within the Main RO Building.

There is no change to the project schedule associated with Change Order No. 3. Substantial completion remains September 30, 2026, and the date for readiness for final payment remains November 30, 2026.

Recommendation

Staff recommends approval of Change Order No. 3 with Tricon Construction Group for the Tiffin Water Treatment Facility Upgrade in the amount of $37,650.40, resulting in a revised contract amount of $12,240,352.31. There is no change to the contract completion dates.

ATTACHMENTS: Change Order

CHANGE ORDER NO.: 3

Owner:	City of Tiffin	Owner's Project No.:	
Engineer:	MSA Professional Services	Engineer's Project No.:	13603021
Contractor:	Tricon Construction Group	Contractor's Project No.:	25-012-IA
Project:	Tiffin WTF Upgrade		
Contract Name:	13603021 – Tiffin WTF Upgrade		
Date Issued:	August 19, 2026	Effective Date of Change Order:	September 1, 2026

The Contract is modified as follows upon execution of this Change Order:

Description: This change order shall incorporate the following changes:

- Increase to switch door and frame for fluoride to room from hollow metal to FRP = $3,925.55
- Increase to switch door hardware items to stainless steel for chemical room doors = $9,407.74
- Increase for building modifications related to fire ratings = $15,493.29
- Increase to install (2) light fixtures in the FD Aerator vault = $2,685.84
- Increase to locate the split AC unit for the MCC Room to the south wall instead of the north wall = $812.91
- Increase for truss modifications to comply with IBC 2018 = $5,325.07

Attachments: Change order request documents.

Change in Contract Price	Change in Contract Times
Original Contract Price: $ 12,182,553.00	Original Contract Times: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26
Increase from previously approved Change Orders No. 1 to No. 2 $ 20,148.91	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order]: Substantial Completion: N/A Ready for final payment: N/A
Contract Price prior to this Change Order: $ 12,202,701.91	Contract Times prior to this Change Order: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26
Increase this Change Order: $ 37,650.40	[Increase] [Decrease] this Change Order: $0.00 Substantial Completion: 0 Ready for final payment: 0
Contract Price incorporating this Change Order: $ 12,240,352.31	Contract Times with all approved Change Orders: Substantial Completion: 9/30/26 Ready for final payment: 11/30/26

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	Recommended by Engineer	Accepted by Contractor
By:	Clint Wiener	
Title:	Senior Project Engineer	Owner
Date:	8/26/2026	08.19.26
	Authorized by Owner	Approved by Funding Agency (if applicable)
By:		
Title:		
Date:		

EJCDC® C-941, Change Order EJCDC® C-941, Change Order, Rev.1.
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www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

July 14, 2026

Clint Wienen
MSA Professional Services Inc
400 Ice Harbor Dr
Dubuque IA 52001

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 14R3

Owner requested Chemical Room Door Material Changes per attached.

Kurtz Hardware Co	3,304.84
OHP	495.73
General Liability Insurance	68.11
Bond	56.87
Total	**$ 3,925.55**

Approved By:

Tom Shedek — 7/14/2026
Project Manager – Tricon Construction — Date

Clint Wienen – MSA Professional Services Inc — Date

City of Tiffin — Date

KURTZ HARDWARE CO.
Architectural Doors & Hardware
1473 Keo Way • Des Moines, IA 50314

Change Order #2R3

Fiberglass Upgrade for Flouride Room, Mk #10-7
Non Rated, Half Glass 24x36 3070 Dr x 3070 Fr
Mk # 10-7

Project: Tiffin WTP
Contractor: Tricon Construction Group
Contact: Tom Shedek
Email: tomshedek@tricong.com

Balance of doors previously priced in CO#2r1 to remain HM

Date: 6/2/2026
Job: RK1821

Set	Qty	Description	Amount
1	-1	Credit for Galvanized HMFs 3070-2HD 5-3/4" Jamb Depth A-60 Mk # 10-7	<$285.32>
	1	Add for FRP frame knockdown installation, ES Series, 2" Head, Non Rated, hinge locations for 7'0" door - 5-3/4" Jamb Depth, Pierce & Dimpled w Masonry	$1,598.40
	-1	Credit for Galvanized HMDs, 3070 Nonrated Half Glass x Filled Edges - Mk #10-7	<$553.43>
	1	Add for FRP door, ES Series, Half Lite Factory Furnished Kit 24" x 36", Non Rated, 3070 x 1-3/4" Glass By Others	$1,598.40
	-3	Credit for [3] hinges, standard weight 4.5" US32D	<$86.81>
	1	CLEAR CONCEALED LEAF CONT HINGE	$217.60
	-1	Credit for stainlesss steel neoprene weather strip seal	<$252.76>
	1	Add for stainless steel silicone weather strip seal per RAN submittal comment 4.d	$353.76

Thank you for requesting a quote from us.
This quotation subject to selection and correction.

Note: Your company's signed change order paperwork MUST be received before any material will be ordered.

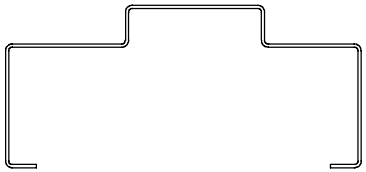
Prices shown expire after 20 days from date above.

Subtotal	$2,589.84
Tax (0.00%)	$0.00
Freight Out	$715.00
Total	**$3,304.84**

Accepted by:

Signature *Printed Name & Title* *Date*

F SERIES



Frame Construction

12, 14, or 16 gauge, cold-rolled, galvannealed, or galvanized G90 steel to be break-formed to the design specifications required. (See pages F-3 TO F-9 for sizes and profiles available). Frames shall be furnished knocked-down or welded, ground smooth upon request. Mitered corners shall have a strong, secure, four tab interlocking system to maintain neat mitered joints and corners. Standard frame to have 1/2" returns; standard stop heights to be 5/8" high. Soffit dimensions can vary. Frames can be single or double rabbeted. Frames will be supplied with welded on sill anchors.
(Note: Bending tabs in on the jamb rabbets will increase door opening dimension).

Installation & Applications

Frames to be installed in accordance with ANSI A250.11-2001. Standard series frames to be used in a number of applications including masonry, wood stud and steel stud construction.

Hardware Reinforcements

Frames to be furnished with 4-1/2" or 5" standard or heavy weight 7 gauge steel hinge reinforcements and shall be adequately reinforced for all hardware. Standard arm or parallel closer reinforcements available upon request.
Strike and hinge reinforcements shall be protected by mortar guards. Single frames shall be prepared to receive (3) rubber mutes.

Finish

Exposed frame surfaces to be cleaned and treated then coated with rust inhibitive primer. Color painted frames to receive a durable, flow coated, baked on finish. Water-based primer and color paint finishes to be free of Hazardous Air Pollutants (HAPS) and Volatile Organic Compounds (VOCS).

Compliance

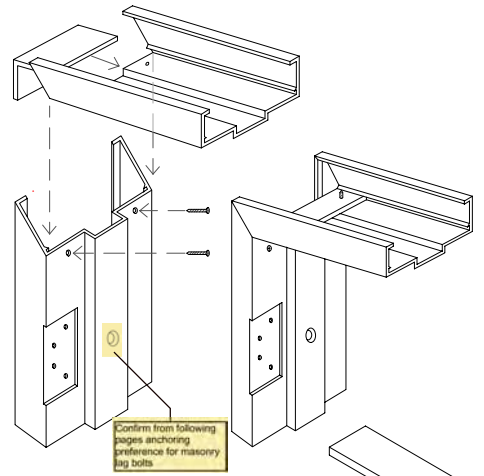
All Mesker frame components comply with ANSI A250.8(R2008). Fire labeling in accordance NFPA and available in FM (standard), WHI (Intertek) and Underwriters Laboratories. For a complete list of product compliance per ANSI/ASTM test methods, consult the labeling section.

MESKER
The newest innovations in hollow metal from the oldest hollow metal door company in America

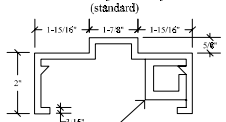
Non-Rated KD Frame

Specifications

Frames for ES (standard) and EF (premier) series fiberglass doors to be manufactured from 0.1875 inch (4.8mm) thick fiberglass pultrusions by Edgewater Door, Neenah, Wisconsin. Profile shall be of standard hollow type to permit installation into new concrete or block walls, as well as slip-on for drywall applications. Frames fabricated with mitered corners, drilled and countersunk for #12 wood screws. Supplied with FRP corner brackets to be installed in frame rabbets and secured with 3/4" stainless wood screws. Reinforcements may vary to work with wall applications. Frames supplied with plaster guards or mortar boxes at back of hardware cutouts where mortar or other materials might obstruct hardware operation.



5-3/4" x 2" equal rabbet profile (standard)



1-1/2" x 1-1/2" x 1/4" Hinge & strike reinforcement

*Custom profiles are available, minimum jamb depth = 3-7/8" maximum jamb depth = 12"

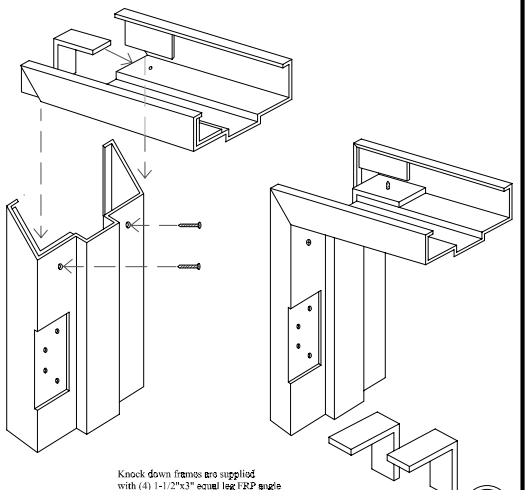
Knock down frames are supplied with (2) 5-1/4" x 2" equal leg FRP angle and 3/4" stainless steel screws.

EDGEWATER DOOR	DRAWING NAME: ES SERIES KNOCK DOWN FRAME	FOR MORE INFORMATION CALL 920-886-1995 OR VISIT US AT edgewaterdoor.com	DATE: 12/2003 SCALE: NONE REV: 1 DATE: 5/2018 DRAWN BY: Chris Martin PAGE: 1 of 1

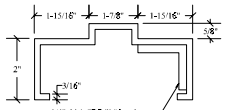
90 Minute Fire-rated Frame

Specifications

Frames for EF (fire) series fiberglass frames to be manufactured from 0.1875 inch (4.8mm) thick fiberglass pultrusions by Edgewater Door Neenah, Wisconsin. Profile shall be of standard hollow metal type, for installation into masonry poured/block walls only. Frames fabricated with mitered corners, drilled and countersunk for #12 wood screws. Supplied with (4) FRP corner brackets to be installed in frame rabbets and secured with 3/4" stainless wood screws. 45, 60 and 90 minute doors are supplied with 90 minute FRP frames. Labeled frames meet NAMI listings and approvals. It is the End User's responsibility to ensure all components used in the openings meet or exceed the fire ratings required.



5-3/4" x 2" equal rabbet profile (standard)



1/4" thick FRP "L" bracket full height of frame behind hinge & strike rabbet.

*Custom profiles are available, minimum jamb depth = 3-7/8" maximum jamb depth = 8-3/4"

Knock down frames are supplied with (4) 1-1/2"x3" equal leg FRP angle and 3/4" stainless steel screws

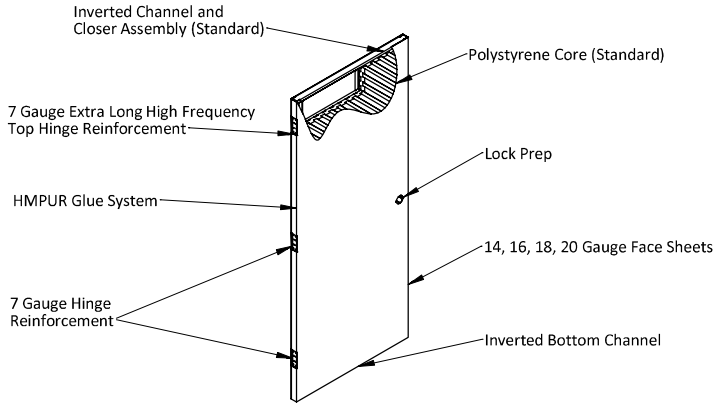
Certified to: NFPA 252, UL10C

Intertek

EDGEWATER DOOR	DRAWING NAME: EF SERIES KNOCK DOWN FRAME	FOR MORE INFORMATION CALL 920-886-1995 OR VISIT US AT edgewaterdoor.com	DATE: 9/2021 SCALE: NONE REV: 0 DATE: DRAWN BY: Chris Martin PAGE: 1 of 1

D-2 **MAR 2014**

NP - STANDARD SERIES FLUSH DOOR



DOOR CONSTRUCTION

14, 16, 18, 20 gauge, cold-rolled, gavannealed, or galvanized G90 steel face sheets to be securely bonded to the core. Doors shall have hemmed vertical edge seams, mechanically interlocked for maximum structural integrity. Optional seamless (NVS) (Patented Technology) edge available upon request. Top and bottom of doors shall be closed and reinforced with an inverted continuous channel and welded to both faces. Optional flush top available upon request. Square edge standard. Optional beveled lock edge (BV-1) or beveled hinge and lock edge (BV-2). See beveled detail pages D-27 and D-28.

CORE CONSTRUCTION

Standard core material to be expanded polystyrene core. Optional cores: Honeycomb, Polyurethane, Fiberboard.

HARDWARE

All doors are furnished with 7 gauge steel hinge reinforcements with three projection welds on each end. Extra long high frequency top hinge reinforcement provides additional welds for added strength and extra protection against sagging. Doors have a factory installed 14 gauge box type closer reinforcement securely welded to top channel. Doors shall be mortised and adequately reinforced for all hardware. Required mortise hardware reinforcements shall be drilled and tapped at the factory. Surface applied hardware shall be field drilled by others. Lockset preparation shall provide for field installation of locksets manufactured in accordance with ANSI A156.115 mortise or cylindrical (bored) locks. Additional hardware preparations available.

FINISH

Exposed door surfaces to be cleaned, treated, and coated with rust inhibitive primer. Color painted doors receive a durable, electrostatic, baked on finish. Water- based primer and color paint finishes are free of Hazardous Air Pollutants (HAPS) and Volatile Organic Compounds (VOCS).

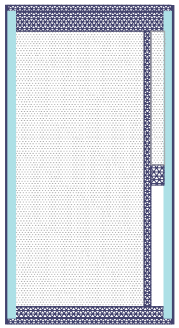
COMPLIANCE

As the oldest member of the Steel Door Institute, all Mesker Door units comply with ANSI A 250.8 (R2008). Hardware preparations comply with ANSI A 250.6. Primer and color compliant with ANSI A250.10 and ANSI A250.3. Fire labeling in accordance with NFPA-8015 FM (standard), WHI (Intertek), Underwriters Laboratories, and FM Global. For a complete list of product compliance per ANSI/ASTM test methods, please consult pages G-11 through G-14.

MESKER

EDGEWATER DOOR

ES
Polystyrene Core



Edgewater Standard Polystyrene	
Thickness	1-3/4" Standard
Maximum Sizes	Single 4-0 x 8-0, Pairs 8-0 x 8-0
Weight	Avg. for flush doors 4.2 lbs. per sq. ft.
Screw Withdrawal	Avg. per screw: Stiles 1021 ft. lbs., Blocking & Rails 602 ft. lbs.
Core	3 lb. density Polystyrene
Stiles	FRP tubes with 1/4" thick walls and HDU outer edge. HDU can be planed up to 1/8" to fit irregular openings.
Rails	Polymer composite with fiberglass strand reinforcing. 6 1/2" top rail. Full width for closer reinforcement. 4 1/2" bottom rail. Allows field trimming up to 1".
Internal Stiffener	Polymer composite with fiberglass strand reinforcing.
Blocking	Polymer composite with fiberglass strand reinforcing. Located where needed for hardware attachment without the need for through bolts.
Core Assembly	All internal components are securely bonded together.
Face Sheets	.090 and .120 thick FRP in smooth or .120 in pebble design.
Machining	Complete machining for templated hardware, including electrified.
Available Options	Lights, louvers, dutch doors, transom panels, recessed panels, etc.
Cutouts	Minimum dimensions from door edge to cutout: stiles and top rail 5", bottom rail 10", between cutouts 5".
Finish Options	Primed, stock paint colors, custom matched paint
Warranty	Life of the product against corrosion induced failure and 10 years after the date of the purchase on workmanship. Factory finishes are warranted for one year from date of purchase. * See complete **warranty** for details.
R-Value	R-9.5

Edgewater Door Company reserves the right to change design and/or details of its products without notice.

Neenah, Wisconsin | t: 920-886-1995 | info@edgewaterdoor.com | edgewaterdoor.com

G-29 MAR 2014

GENERAL INFORMATION

Standard Warranty

Mesker Door™ Inc. warrants for a period of one (1) year from date of shipment, all material manufactured by us to be free from defects in material and workmanship under normal use and service. All such material is supplied subject to this warranty. The company's obligation there under is limited to repairing or replacing at its option any such material which, upon examination is found to have been defective. This warranty is expressly in lieu of all other warranties expressed or implied, and of all obligations or liabilities on its part for damages, including but not limited to consequential damages. No agent is authorized to assume for it any liability except as set forth above. Nor does Mesker Door™ Company assume any liability for modifications performed on materials after said materials leave Mesker's factory.

MESKER

EDGEWATER DOOR

LIMITED DOOR AND FRAME WARRANTY

EDGEWATER DOOR warrants all its doors and frames set forth herein to be of good material and workmanship and to be free of defects which would render said doors or frames unserviceable or unfit for their ordinary, recommended use for the designated time, except as otherwise set forth in this warranty.

EDGEWATER DOOR shall have no liability under this warranty or under any implied warranties unless such doors and frames have been handled, stored, finished, installed, and maintained in accordance with "HANDLING, JOB FINISHING AND INSTALLATION INSTRUCTIONS."

Any claims in connection with our warranty must be submitted in writing upon discovery. All doors and frames must be inspected prior to installation, and installation of factory finished doors and frames shall constitute acceptance of the factory finish.

Any **EDGEWATER DOOR** produced doors or frames claimed to be defective within the meaning of this warranty, MUST BE CHECKED BY AN AUTHORIZED REPRESENTATIVE OF THE COMPANY.
If a claim for defective merchandise is found to be valid within the meaning of this warranty, **EDGEWATER DOOR** will either (1) repair it or (2) replace with an identical unit, or (3) refund the purchase price, at the option of **EDGEWATER DOOR**. No liability whatsoever shall be attached until the product involved has been paid for in full.

WARRANTY PERIOD

Doors and frames are guaranteed for the life of the product against corrosion induced failure and for a period of ten (10) calendar years after the date of purchase against defects. Factory finishes are only warranted for a period of (1) one year.

All time periods commence as of factory ship date.

CONDITIONS AND EXCEPTIONS

Under no circumstances will **EDGEWATER DOOR** be liable for the following: (a) Failures not reported within the applicable warranty period; (b) Failures or damage due to accidents, abnormal conditions, negligence, abuse or improper installation; (c) Losses, costs, expenses, liabilities, and damages, including but without limitation to, loss of use or profits, damage to persons or property, and all other special or consequential damages, whether direct or indirect.

TOLERANCES

1. Size tolerance: thickness ± 1/16": length ± 1/8": widths ± 1/16".
2. Squareness tolerance: diagonal measurement difference shall not exceed 1/8"
3. Factory hardware preparation tolerance: ± 1/16" tolerance will be allowed on all hardware preps.
4. Stile, rail, and core show-through (telegraphing) on doors and frames shall not be considered a defect unless the faces vary from a true plane more than .010's of an inch in any 3" span.
5. Warp shall not be considered a defect unless it exceeds 1/4" in the plane of the door itself when measured in a section not exceeding 3-6 x 7-0. "Warp" is any distortion in the door itself and does not refer to the relationship of the door to the frame or jamb in which it is hung. The term "warp" shall include bow, cup, and twist. In measuring the amount of warp present in a door, the following method shall be used; bow, cup and twist shall be measured by placing a straight edge, taut wire, or string on the suspected concave face of the door at any angle (i.e., horizontally, vertically, diagonally) with the door in its installed position. The measurement of the bow, cup and twist shall be made at the point of maximum distance between the bottom of the straight edge, taut wire or string and the face of the door.
6. Thermal bow and expansion may occur when opposing sides of a door are exposed to extreme variations in climate conditions. Typical examples are:
   A. Doors with direct exposure to the sun. Light colored finishes are recommended as opposed to dark finishes which increase the risk of thermal bow or expansion.
   B. Exterior doors opening to or from heated spaces in northern climates.

   Thermal bow and/or expansion is a temporary condition and not a defect therefore not subject to the measurement for warp.

ADDITIONAL EXCLUSIONS:

1. There is no warranty for the appearance of field finished doors and frames.

Edgewater Door Company reserves the right to change design and or details of its products without notice.
175 N western Ave, Neenah, Wisconsin t: 920-886-1995 f: 920-886-1998 Edgewaterdoor.com 7/29/2024

LIMITED DOOR AND FRAME WARRANTY

2. This warranty does not cover:
   A. Doors with cutouts for vision lights and/or louvers, with less than 5" to any edge of the door.
   B. Doors having less than 5" between cutouts for vision lights, louvers, unit locks, closers and/or other hardware cutouts.
   C. Any FRP deterioration due to ultra-violet exposure caused by failure to protect and seal all exposed surfaces of the door and the continued proper maintenance of these surfaces.
   D. The appearance of high gloss paint.
   E. Doors 7'-6" and under with less than 3 hinges or pivots and doors over 7'-6" with less than 4 hinges or pivots.
   F. Repairs or replacements made without prior written consent from manufacturer.
   G. Normal wear and tear including wear through the finish, or doors deteriorating for reasons other than material and workmanship of the door itself.
   H. Hairline splits in the resin welded frame face seams are not considered a defect.
   I. Doors with dissimilar faces.

Not applicable, 24x36" windows have stiles of 5 7/8"

Frames provided as knockdown component install

HANDLING, STORING, JOB FINISHING AND INSTALLATION INSTRUCTIONS.

1. Handle with clean gloves and do not drag doors and frames across one another or across other surfaces.

2. Store per ANSI standard HMMA-840 which states:
   1) Store all materials in dry area, under cover.
   2) Do not use non-vented plastic or canvas.
   3) Store doors and frames in an upright position.
   4) Place no more than 5 doors or welded frames in a group.
   5) Place all material on planking or blocking at least 4" off ground, 2" off paved area or floor slab.
   6) Provide at least ¼" between all units for circulation of air.

3. The utility or structural strength of the door must not be impaired in fitting of the door, the application of hardware, or cutting or altering the door for lights, louvers, panels, or any other special details.

4. Doors should be installed with 1/8" clearance at head and each side.

5. When vision lights, louvers, hardware etc. are installed in exterior doors, an appropriate sealant should be used to ensure no moisture penetration to the core.

20-3, -5, and -6 scheduled for half glass and are exterior doors

Sealant predisposed to slab @ factory when ordered with window

6. If doors and frames are furnished factory primed only, they are primed with a water base primer. This is a prime coat only and still needs a field applied topcoat. The primer may be top coated with a water base, enamel, or polyurethane paint. Consult with your local paint supplier regarding the best topcoat to use given your application. Epoxy paints are not recommended. Follow paint manufacturer's instructions.

7. Before finishing, remove handling marks, and any foreign substances, which may have accumulated on the material during shipping and installation. All doors and frames must be thoroughly sanded completely, using an automotive grade wet/dry sandpaper. Wipe surfaces clean before applying finish. Failure to perform these steps may result in a blotchy appearance to the finish or poor paint adhesion. Sanding and finishing should be done in a horizontal position.

8. Installer shall use all means necessary to protect doors from damage prior to, during and after installation. All damaged doors shall be repaired or replaced by Contractor at no cost to Owner.

Installation of factory finished doors shall constitute acceptance of finish color and appearance.

Edgewater Door will have no liability under this warranty unless the doors and frames have been handled, stored, finished, installed, and maintained in accordance with the manufacturer's recommendations. This warranty does not extend to failure caused by physical abuse, issue, or improper installation.

WARRANTY PROVISIONS ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PURPOSE OR ANY OTHER WARRANTY OF MERCHANTABILITY.

Purchaser: Kurtz Hardware Company

Name of Installation: Tiffen Water Treatment Facility Upgrade

Address: 109 S Brown St

City: Tiffen, IA

Zip: 52043

Order No.: TO BE RELEASED VIA CO#2 Date Shipped: 10-12 Week Lead Time from order release

Date Installed: _____ No. of Doors: 6

By: _____

EDGEWATER DOOR COMPANY
Limited warranty for FRP doors and frames

- 19 doors total
- Hardware for 20 doors needed
- Door 10-4 should be listed with hardware (HS#7) only supplied unless hardware will be a separate submittal

Review and approve all opening sizes, handings, wall types, jamb depths, and door architectural types

DOOR and FRAME SCHEDULE

OPENING INFORMATION								FRAME INFORMATION										DOOR INFORMATION										
Mark #	Qty	Width	Height	Thk	Opg	Hand	Label	Elev	Mfg	Series	Depth	Ga	Matl	Const	Anchor	Wall Type	Wall Thk	Arch Type	Mfg	Series	Style	Ga	Matl	Core	U/Cut	Fin	Hdg	Mark #
10-2	1				SGL	LHR			EXT																		EXST	10-2
Location	EXTERIOR FROM 10-104 MCC ROOM							Note										Note										
10-1	1	3-0 3'-4 1/2"	7-0 7'-4 1/2"	1 3/4	SGL	LHR		F-2	MES	F	9	16	A	WELD	RMTAP&I RMTAP&I	W8	8	A (INT - FLXHM	MES	L	F	18	A	P	3/4	PRI	HW05	10-1
Location	20-107 MCC/ELECTRICAL ROOM FROM 10-105 LAB							Note	CONFIRM STEEL STUD WIDTH IS 8", FOR JAMB DEPTH TO WRAP WALL @ 9".									Note										
10-5	1	3-0 3'-4 1/2"	7-0 7'-2 1/2"	1 3/4	SGL	LHR		F-1	MES	F				WELD	RMTAP&I RMTAP&I	W8	8	B (EXT A (Int)	MES	NP	G	16 18	A	P	3/4	PRI	HW05	10-5
Location	10-106 FILTER & SOFTENER ROOM FROM 10-109 AERATOR ROOM							Note	CONFIRM STE... IB DEPTH TO WRAP WALL @ 9".									Note										
10-6	1	3-0 3'-4 1/2"	7-0 7'-2 1/2"	1 3/4	SGL	LHR		F-1	MES	F	5 3/4	16	A60	WELD	UNA534 UNA534	PC12	12	B (EXT -	MES	NP	G	16	A	P	3/4	PRI	HW02.1 HW 2	10-6
Location	EXTERIOR FROM 10-107 CHLORINE ROOM							Note										Note										
10-7	1	3-0 3'-4 1/2"	7-0 7'-2 1/2"	1 3/4	SGL	LHR		F-1	MES	F	5 3/4	16	A60	WELD	UNA534 UNA534	PC12	12	B (EXT A (Int)	MES	NP	G	16 18	A	P	3/4	PRI	HW03	10-7
Location	10-101 STORAGE FROM 10-110 FLOURIDE							Note										Note										
10-8	1				SGL	RHR			EXT																		ST	10-8
Location	10-104 MCC ROOM FROM 10-102 MECHANICAL ROOM							Note										Note										
10-9	1				SGL	LH			EXT																		EXST	10-9
Location	10-104 MCC ROOM TO 10-103 TOILET							Note										Note										

Tricon check walls

16 is fine, but can be 18 also

What is this thickness referencing? Doors? Typ all pages.

KURTZ HARDWARE CO.
Architectural Doors & Hardware
1473 Keo Way, Des Moines, IA 50314

KURTZ
1473 KI
DES MO
Tel: 51

TS Tom Shedek<tomshedek@triconcg.com>
To: Zane
Cc: Bob Kurtz; Andy Knapp <andyknapp@triconcg.com>; +3 others
Mon 4/13/2026 2:26 PM

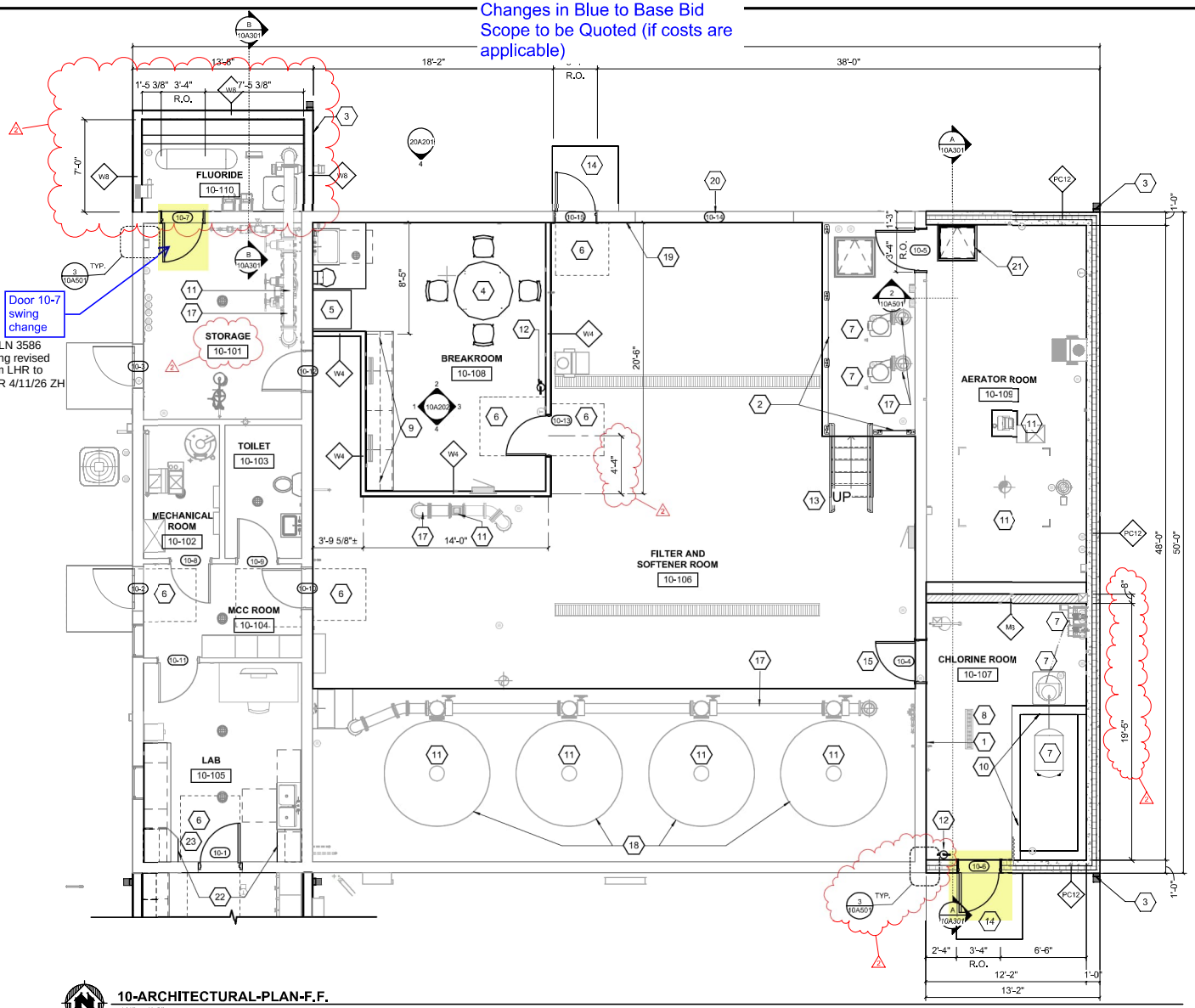
Zane,

Please include doors 10-6 and 10-7 as well in the FRP scope for CO#2. All doors that we would possibly sub the SS hardware in CO#3 needs to have an FRP door/ frame in CO#2, with the exception of 10-4 which is only changing hardware.

Tom

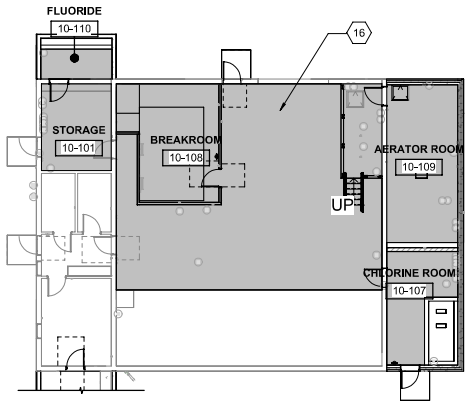
TIFFEN WATER TREATMENT FACILITY-NEW
VALUE ENGINEERED 10-29-25
Control No.3544
3544
Submitted By: ZANE HEHNKE

Changes in Blue to Base Bid
Scope to be Quoted (if costs are applicable)



KEY NOTES

1. REMOVE EXISTING STEEL FACE AND REPLACE WITH GYPSUM BOARD & FRP SURFACE LAMINATED TO PLYWOOD.
2. ALUMINUM GUARD RAIL - SEE DETAIL 8/99A504
3. DOWNSPOUT LOCATION, CONNECT INTO STORM DRAIN - SEE YARD PIPING PLAN
4. TABLE AND CHAIRS BY OWNER (NIC)
5. DEDICATED SPACE FOR REFRIGERATOR (NIC)
6. DASHED LINE INDICATES ADA REQUIRED CLEAR AREA, FOR GRAPHIC PURPOSES ONLY - TYP.
7. PROCESS MECHANICAL EQUIPMENT OR PIPE, TYP - SEE PROCESS
8. TRENCH DRAIN - SEE PLUMBING
9. COUNTER W/ CABINETS BELOW AND WALL HUNG CABINETS - SEE INTERIOR ELEVATIONS
10. SECONDARY CONTAINMENT AREA FOR CHEMICAL
11. EXISTING PROCESS MECHANICAL EQUIPMENT OR PIPE, TYP - SEE PROCESS
12. FIRE EXTINGUISHER w/ WALL BRACKET. MOUNT TOP AT MAX 48" AFF.
13. ALUMINUM STAIRS AND GUARDRAIL - SEE DETAIL 4/99A502
14. CONCRETE STOOP - SEE FOUNDATION PLAN
15. REUSE EXISTING DOOR. TAKE DOOR OUT OF OPENING AND ROTATE 180-DEGREES. REMOVE LOCKSET AND ADD PANIC DEVICE. CHANGE OUT THRESHOLD AND REPLACE WEATHERSTRIPPING. REPLACE DOOR CLOSER.
16. APPLY EPOXY COATING TO SHADED AREAS AS INDICATED
17. EPOXY COAT ALL EXISTING PIPING, VALVES, AND FITTINGS THAT ARE TO REMAIN
18. EPOXY COAT EXISTING FILTERS
19. EPOXY FLOOR LIMITS (GRAPHICAL - TYP.)
20. SECTIONAL OVERHEAD DOOR TO BE REPLACED. OPERATOR AND TRACK SYSTEM TO REMAIN AS-IS
21. 2'-3" x 2'-6" STAINLESS STEEL ACCESS HATCH WITH BOLT IN FRAME
22. SALVAGE AND RE-USE EPOXY COUNTERTOP AS END PANELS FOR MILLWORK CLOSURE PANELS
23. PROVIDE MINIMUM 18" CLEAR FROM FINISHED CASEWORK TO DOOR OPENING.



EPOXY FLOORING PLAN

NONE

10-ARCHITECTURAL-PLAN-F.F.

1/4" = 1'-0" (22" x 34") 0 2 4 8
1/8" = 1'-0" (11" x 17")

PROJECT DATE:	AUG 5, 2024	DRAWN BY:	JBR
		DESIGNED BY:	JBR
		CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	3/27/25	ADDENDUM #1	EC
2	8/19/2025	PLAN REVIEW COMMENTS	CWW

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 ICE HARBOR DR, STE 110, DUBUQUE IA 52001
(563) 582-3973 www.msa-ps.com
© MSA Professional Services, Inc.

WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

EXISTING WTP
PROPOSED FLOOR PLAN

PROJECT NO. 13603016
SHEET 10A102

PLOT DATE: 8/20/2025 9:15:43 AM By: Addison Dean C:\13603016 - TIFFIN\A WTF - ADD\13603016_TIFFIN WTF_ADD.rvt

www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

July 14, 2026

Clint Wienen
MSA Professional Services Inc
400 Ice Harbor Dr
Dubuque IA 52001

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 15R3

Owner requested Chemical Room Door Hardware Changes per attached.

Kurtz Hardware Co	7,920.20
OHP	1,188.03
General Liability Insurance	163.22
Bond	136.29
Total	**$ 9,407.74**

Approved By:

Tom Shedek	7/14/2026
Project Manager – Tricon Construction	Date
Clint Wienen – MSA Professional Services Inc	Date
City of Tiffin	Date

J.H. KURTZ & CO.
KURTZ HARDWARE CO.
Architectural Doors & Hardware
1473 Keo Way • Des Moines, IA 50314

Change Order #3R4

Chemical Room HW Revisions - to Stainless Steel products for rust resistant longevity

Project: Tiffin WTP
Contractor: Tricon Construction Group
Contact: Tom Shedek
Email: tomshedek@tricong.com

Date: 6/2/2026
Job: RK1821

Set	Qty	Description	Amount
1	1	Substitution of Perimeter Weather Stripping, from Milled Aluminum to Stainless Steel, Mk #10-4, 10-6, 20-3 20-5, 20-6, 20-8, 20-9, 20-10	$0.00
	-8	HAG 881SN x 36 x 84 MIL AL / Credit for Perimeter Weather Stripping, Aluminum	<$457.52>
	8	NGP 130SSS x 36 x 84 SS / Add of Perimeter Seal Stainless Steel	$3,691.38
2	1	CO#3 set #2 previously priced substitution of Door Sweep, from Milled Aluminum to Stainless Steel, Mk #10-4, 10-6,10-7, 20-2, 20-3, 20-5, 20-6, 20-8,	$0.00
	-8	HAG 789S x 36 MIL AL / Former door bottom wrapping both sides, with neoprene underside insert and drip cover	<$121.91>
	-5	NGP 200SSS x 36 / Former door bottom, surface mount silicone sweep style	<$282.42>
	-1	HAG 789S x 42 MIL AL / Former door bottom wrapping both sides, with neoprene underside insert and drip cover	$0.00
	13	NGP 95WH36 / Add for Door bottom wrapping both sides, with brush sweep & drip cover - no charge	$428.06
	1	NGP 95WH42 / Add for Door bottom wrapping both sides, with brush sweep & drip cover - no charge	$0.00
3	1	Substitution of Threshold, from Milled Aluminum to Stainless Steel, Mk #10-4, 10-6, 10-7, 20-2, 20-5, 20-6, 20-8, 20-9, 20-10	$0.00
	-8	HAG 417S x 36 MIL AL / Credit for Threshold, 6" Wide x 1/2" tall, Aluminum	<$184.77>
	8	NGP 613SS x 36 SS / Add of Threshold, 5" Wide x 1/4" tall, Stainless Steel	$4,620.29
	1	NGP 613SS x 42 MIL AL / Add for Threshold, 6 Wide 1/4" tall + weatherstrip built in (Mk #20-2)	$45.47
	4	NGP 896V36 (former pt #, included to earn HW sale item, but not representative of furnished weatherstrip @ threshold) / Add for Threshold	$181.89

Note: Your company's signed change order paperwork MUST be received before any material will be ordered.

Prices shown expire after 20 days from date above.

Subtotal	$7,920.48
Tax (0.00%)	$0.00
Freight Out	
Total	**$7,920.48**

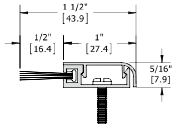
Accepted by:

Signature *Printed Name & Title* *Date*

HAGER COMPANIES

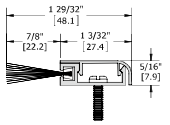
Weatherstripping - Jamb Weatherstripping

882S



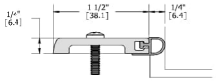
Finishes: DBA, BLA, CLR
Inserts: B
Category: H, J
Certifications:

883S



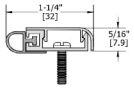
Finishes: DBA, BLA, CLR
Inserts: B
Category: H, J
Certifications:

881S



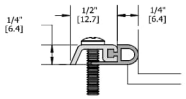
Finishes: MIL, BLA, DBA
Inserts: V, N, S, W
Category: H, J
Certifications:

885S



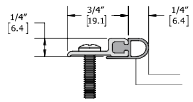
Finishes: DBA, BLA, CLR
Inserts: V, N, S, W
Category: H, J
Certifications:

890S



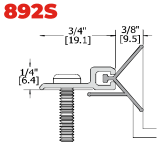
Finishes: MIL, DBA, BLA
Inserts: V, N, S
Category: H, J
Certifications:

891S



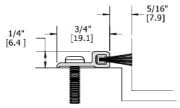
Finishes: MIL, DBA, BLA
Inserts: V, N, S
Category: H, J
Certifications:

892S



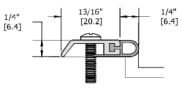
Finishes: MIL, DBA, BLA
Inserts: N
Category: H, J
Certifications:

893S



Finishes: MIL, DBA, BLA
Inserts: W
Category: J
Certifications:

896S



Finishes: MIL, DBA, BLA
Inserts: V, N, S
Category: H, J
Certifications:

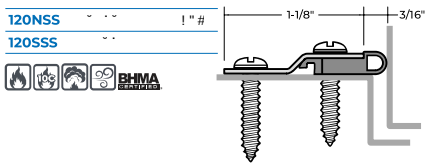
STAINLESS STEEL

- (US32D, 630)
- x ¾" Stainless Steel SMS Furnished
- ! " # $ $ % &

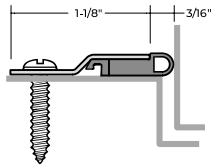
127NSS
Stainless Steel Microcellular EPDM Perimeter Seal

PERIMETER SEALS

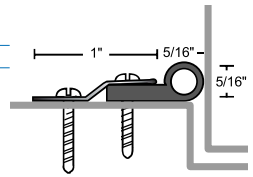
120NSS ! " #
120SSS



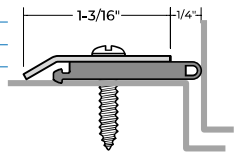
127NSS ! " #
127SSS



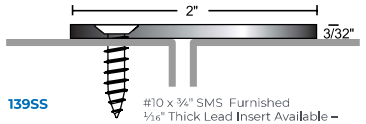
129NSS %



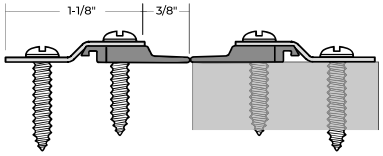
122NSS ! " #
130NSS ! " #
130SSS



ASTRAGAL SEALS



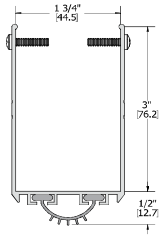
139SS #10 x ¾" SMS Furnished
⅛" Thick Lead Insert Available –



125NSS ! " #
9125SS

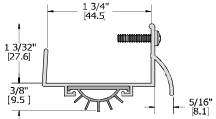
" +) "

782S



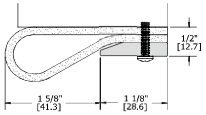
Finishes: MIL, DBA, BLA
Inserts: V, N
Category: H, J
Certifications:

783S



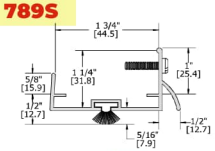
Finishes: MIL, DBA, BLA
Inserts: V
Category: J
Certifications:

787S



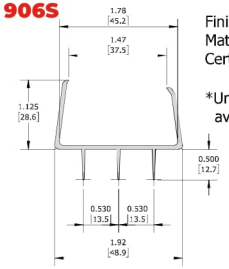
Finishes: MIL, BLA
Inserts: V
Category: H, J
Certifications:

789S



Finishes: MIL, DBA, BLA
Inserts: W
Category: H, J
Certifications:

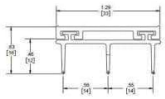
906S



Finishes: Brown
Material: PVC
Certifications:

*Unnotched & Notched profiles available

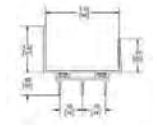
907S



Finishes: MIL, DBA, BLA
Inserts: V
Certifications:

*Unnotched & Notched profiles available

909S



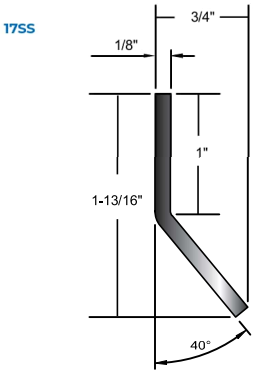
Finishes: MIL, DBA, BLA, CLR
Inserts: V
Certifications:

*Unnotched & Notched profiles available

STAINLESS STEEL

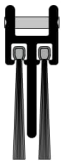
- [redacted]
  (US32D, 630)
- [redacted]
- $ x ¾" Stainless Steel SMS Furnished
- [redacted]

RAIN DRIP GUARD

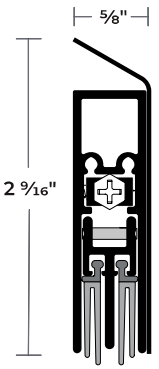


AUTOMATIC DOOR BOTTOM

229NSS
229SSS
229WHSS

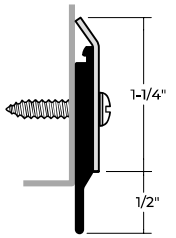


[redacted]
Brush - Suffix "WH"



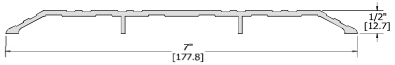
DOOR SWEEP

200NSS
200SSS



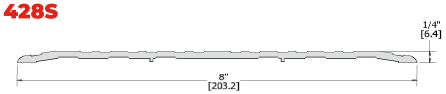
1. Door Bottom is Handed. Right Hand Supplied Unless Specified. Units Under 36" NOT Field Reversible. Please Specify Handing.
2. **BHMA Certified to ANSI/BHMA A156.22, 1,000,000 Cycle Test-Grade 1.**

416S



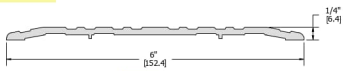
Finishes: MIL, DBA, BLA
Certifications:

428S



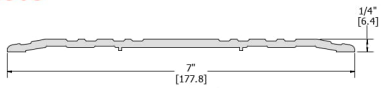
Finishes: MIL, DBA, BLA
Certifications:

417S



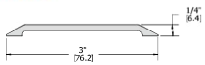
Finishes: MIL, DBA, BLA
Certifications:

430S



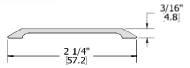
Finishes: MIL, DBA, BLA
Certifications:

418S



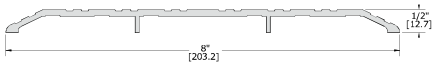
Finishes: MIL, DBA, BLA
Certifications:

436S



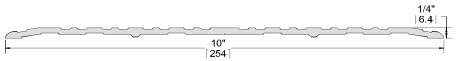
Finishes: MIL, DBA, BLA
Certifications:

426S



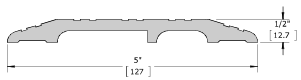
Finishes: MIL, DBA, BLA
Certifications:

448S



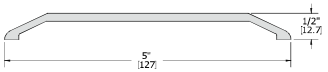
Finishes: MIL, DBA, BLA
Certifications:

427S



Finishes: MIL, DBA, BLA
Certifications:

492S



Finishes: MIL, DBA, BLA
Certifications:

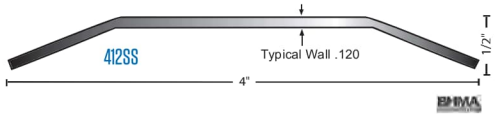
STAINLESS STEEL

1/2" SADDLE THRESHOLDS

All Products On This Page

- ! " # $ % & '

412SS
Stainless Steel

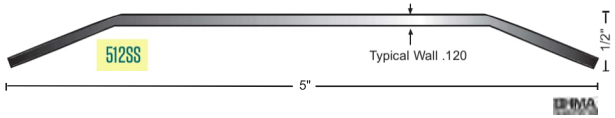


MATERIALS & FINISHES

" # $ %

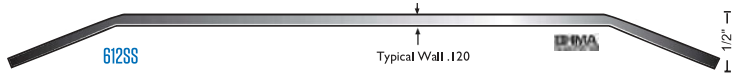
- POL - # 2 &
- BRUSHED - # 2 5 &

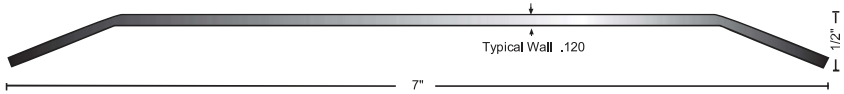
OPTIONAL
SIA SLIP-RESISTANT FINISH



FASTENERS

- " . $ / ½ 0 (
  1





712SS
812SS
912SS
1012SS

L-FRA100

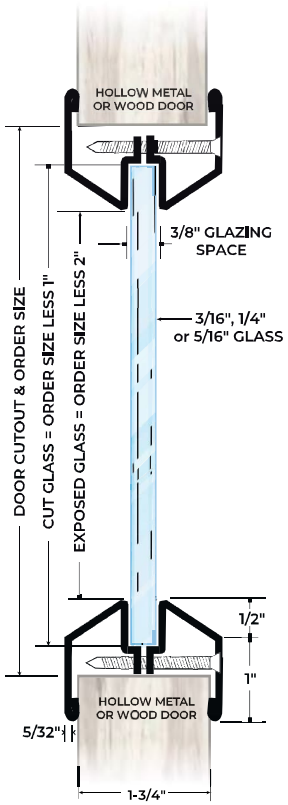
LOW PROFILE LITE KIT

FOR 1 ¾" THICK DOORS AND ³⁄₁₆", ¼" OR ⁵⁄₁₆" GLASS

- 18 Ga. Cold Rolled Steel
- Mitered and Welded Corners
- Welded Reinforcing Clips at Corners
- Countersunk Mounting Screw-Holes
- #8 X 1¾" Phillips Head SMS
- Available in Uneven and Fractional Sizes
- Gray Primer (GPZ) Powder Coat Finish

Available Options

- Powder Coat Color Options - See Page L3
- Torx Security Screws
- Galvanneal - A40 Steel
- Zinc Electroplating
- Glass & Glazing Tape - See Glass Section
- Lead Lining - ¹⁄₁₆" Thick



Not To Scale

Designed for Use on 1¾" Thick Doors Manufactured Within Door Industry Tolerance of +/- ¹⁄₁₆".

L-CVFM-SS

STAINLESS STEEL LITE KIT

FOR 1 ¾" THICK DOORS AND ³⁄₁₆", ¼", OR ⁵⁄₁₆" GLASS

-
- ˘ ˘ ˘ ^ ˘ ˘ .#˘ ˘
- ·"‘ ˘ ‘ ° ‘ ˘ ! " # "
- $ % & ' % ˘ (˘ ")
- #8 X 1¾" Phillips Head SMS
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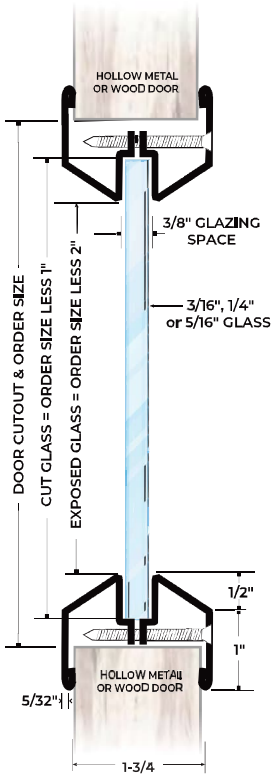
. "˙/(" ,
- "˘˘0 ‘ ˘ ˘ !
- 1) ~ " "
- Lead Lining - ¹⁄₁₆" Thick



Not To Scale

Designed for Use on 1¾" Thick Doors Manufactured Within Door Industry Tolerance of +/- ¹⁄₁₆".

www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

April 30, 2026

Clint Wienen
MSA Professional Services Inc
400 Ice Harbor Dr
Dubuque IA 52001

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 16R

Building Inspector Changes via 9/24/25 email per attached.

Seehase Masonry	6,401.00
Southside Concrete	1,380.00
Foster Kraus	880.00
Mt Vernon Construction	1,936.00
Beisser Lumber Co.	1,055.24
Tricon Labor	2,480.96
Sub-Total	14,133.20
OHP (Subcontracted)	529.85
OHP (Self-Performed)	530.43
General Liability Insurance	75.36
Bond	224.45
Total	**$ 15,493.29**

Approved By:

Tom Shedek — 4/30/2026
Project Manager – Tricon Construction — Date

Clint Wienen – MSA Professional Services Inc — Date

City of Tiffin — Date

ITEM ANALYSIS

Project	Tiffin WTP Upgrades - Building Inspector Changes	Location	Tiffin, IA
Description	Building Inspector Changes per email on 9/24/25	Estimator	Tom Shedek
Contractor	Tricon Construction Group	Date	4/29/2026

	Description	QTY	Units	Unit Rate	Man-hours	Labor Expense Wages U.P.	Labor Expense Wages Total	Permanent Materials Engineered Equipment U.P.	Permanent Materials Engineered Equipment Total	Sub Contracts/ OHP U.P.	Sub Contracts/ OHP Total	Total Direct Cost
Item #	**Base Bid Costs (Deducts)**											
1-1	Masonry Changes - Removal of 1 course of 8" block at chemical rooms - Seehase	1	LS				$ -		$ -	$ 2,044.00	$ 2,044.00	$ 2,044.00
1-2	Lumber Changes, Mezzanines - Beisser Lumber	1	LS				$ -	$ 1,068.06	$ 1,068.06		$ -	$ 1,068.06
1-3							$ -		$ -		$ -	$ -
1-4							$ -		$ -		$ -	$ -
1-5							$ -		$ -		$ -	$ -
1-6							$ -		$ -		$ -	$ -
	Totals				-		**$ -**		**$ 1,068.06**		**$ 2,044.00**	**$ 3,112.06**
Item #	**Base Bid Changes per Request (Additions)**											
2-1	Masonry Changes - Addition of 4" block at chemical rooms - Seehase	1	LS				$ -		$ -	$ 8,445.00	$ 8,445.00	$ 8,445.00
2-2	Lumber Changes, Mezzanines - Beisser Lumber	1	LS				$ -	$ 2,123.30	$ 2,123.30		$ -	$ 2,123.30
2-3	Wood Install Labor - 3 guys 8 hrs - Carpenters - Tricon	1	LS		24.00	$ 78.77	$ 1,890.48		$ -		$ -	$ 1,890.48
2-4	Concrete Changes to Bldg 10, Room 10-110 (Fluoride Rm) - Ftg extended from 5'-10" to 7'-0" North- Southside Concrete	1	LS		5.00	$ 80.00	$ 400.00	$ 800.00	$ 800.00	$ 180.00	$ 180.00	$ 1,380.00
2-5	Door Changes - No cost for 1hr fire rated door changes - Kurtz Hardware	1	LS				$ -		$ -	$ -	$ -	$ -
2-6	Paint - No cost changes for coatings - DA Bunch	1	LS				$ -		$ -	$ -	$ -	$ -
2-7	HVAC Changes - Fire Damper addition in Anti-Scalant Room 20-102 - Fosters Kraus	1	LS		5.00	$ 120.00	$ 600.00	$ 200.00	$ 200.00	$ 80.00	$ 80.00	$ 880.00
2-8	Fire rated caulking & mineral wool for precast vertical joints - Material, labor and install - Mt. Vernon Construction	1	LS				$ -		$ -	$ 1,936.00	$ 1,936.00	$ 1,936.00
2-9	Fire rated penetrations in masonry walls for plumbing and conduit - No cost changes	1	LS				$ -		$ -	$ -	$ -	$ -
2-10	Fire rated caulking labor for chem room ceiling joints - 1 guy for 8 hrs - Tricon	1	LS		8.00	$ 73.81	$ 590.48		$ -		$ -	$ 590.48
2-11							$ -		$ -		$ -	$ -
2-12							$ -		$ -		$ -	$ -
2-13							$ -		$ -		$ -	$ -
2-14							$ -		$ -		$ -	$ -
2-15							$ -		$ -		$ -	$ -
2-16							$ -		$ -		$ -	$ -
	Totals				**42.00**		**$ 3,480.96**		**$ 3,123.30**		**$ 10,641.00**	**$ 17,245.26**
Delta = Orange - Blue **(pos # is total add, neg # is total deduct)**					42.0		$ 3,480.96		$ 2,055.24		$ 8,597.00	**$ 14,133.20**

NOTES: Delta = (Addition total - Base Bid total)

The above costs do not include any contractual markups.

Project Manager or Authorized Designee Signature

X

Date:

ESTIMATE

Seehase Masonry, Inc.
1018 W 1st St
Sumner, IA 50674

nate@seehasemasonry.com
+1 (563) 578-3284

Tricon Construction, Inc.:Tiffin WTF Upgrades 25-23

Bill to
Tricon Construction, Inc.

Estimate details
Estimate no.: 2883
Estimate date: 01/27/2026
Expiration date: 02/27/2026

P.O. Number: CO #3, #4, #5 1-14-26 Email
Sales Rep: Nate Schmidt

#	Description	Qty	Rate	Amount
1.	Material and labor to complete masonry related changes per request by Tricon Construction and MSA. Revised request per email and attached documents by MSA, dated 1-21-26 from Tom Shedek to Nate Schmidt.			
2.	CO #3 - 4" CMU courses added at Chlorine Room, Caustic Soda Room and Anti Scalant Room. Rebar, epoxy and grout 48" o.c. Add to Base Bid:		$8,445.00	$8,445.00
3.	CO #4 - 4" CMU courses added at Chlorine Room, Caustic Soda Room and Anti Scalant Room. No rebar, epoxy and grout. Add to Base Bid:		$7,472.00	$7,472.00
4.	CO #5 - Remove 1 8" CMU course from base bid heights at all RO building walls.		–$2,044.00	–$2,044.00

Total ~~$13,873.00~~

Expiry date 02/27/2026

Accepted date

Accepted by

CO Total: $6,401.00

BEISSER LUMBER COMPANY

Beisser Lumber
415 Westcor Drive
Coralville, IA 52241
Phone: (319)-545-7120

QUOTE

0001412262

Account: TRIC1000 0001
Branch: 40CV
Phone: (563)-588-9516
Fax:

Item 2-2

Bill To: Tricon General Construction
2245 Kerper Blvd
Suite # 2
Dubuque, IA 52001

Ship To: Tricon General Construction
General Purchases
Tiffin, IA 52340

PO:	**Ref:** Tiffin WTP	**Job:**

Activation Date:	10/08/25	**Sales**	larrym	**Type:** Delivery	**Ship Via:**
Close Date:	10/23/25	**Agents**	jasonr	**Quoted For:**	
				Quoted By: jasonr	

QUANTITY	UOM	ITEM/DESCRIPTION		PRICE/UOM	AMOUNT
		** RO Mezzanine Group **			
46	Each	2x12-12' #2 & Better Fir/Larch Dry		22.4027/Each	
43	Each	2x12-14' #2 & Better Fir/Larch Dry		27.2524/Each	
7	Each	2x12-16' #2 & Better Fir/Larch Dry	Deduct 2x12x16 from base bid: 7ea @ $28.56 = $199.92	28.5575/Each	
48	LF (PC)	11-7/8" LVL Beam R/L 2.0E 4/12'		7.10/LF	
32	LF (PC)	11-7/8" LVL Beam R/L 2.0E 2/16'		7.10/LF	

Orange = Changes due to building inspection modification

Printed: 10/10/25 08:58:55

BEISSER LUMBER COMPANY

QUOTE

0001412262

QUANTITY	UOM	ITEM/DESCRIPTION		PRICE/UOM	AMOUNT
60	LF	11-7/8" LVL Beam R/L 2.0E			
	(PC)	2/30'			
80	LF	11-7/8" LVL Beam R/L 2.0E			
	(PC)	2/40'			
2	Each	#1 MCA Critical Struct 6x6-10' SYP S4S Treated-In Ground			
7	Each	2x4-12' #2 SYP Treated-Ground Contact		6.4168/Each	44.92
6	Each	2x4-14' #2 SYP Treated-Ground Contact		8.0447/Each	48.27
7	Each	2x4-16' #2 SYP Treated-Ground Contact		9.9466/Each	69.63
1	Each	2x8-12' #2 SYP Treated-Ground Contact		12.9363/Each	12.94
1	Each	2x8-14' #2 SYP Treated-Ground Contact		15.3620/Each	15.36
3	Each	2x12-12' #2 SYP Treated-Ground Contact			
1	Each	2x12-14' #2 SYP Treated-Ground Contact			
7	Each	2x12-16' #2 SYP Treated-Ground Contact		28.9361/Each	57.87
2	Each	Sill Sealer Foam 3-1/2"x1/4"x50'		0.20/LF	20.00
106	Each	LUS28Z Single Joist Hanger			
2	Each	LUC210Z Concealed Flange Hanger			
4	Each	HGUS412 HD Dbl LVL Face Mount Hanger			
2	Each	LGUM410-SDS			
2	Each	LPC6Z 6x6 Adjustable Lateral Post Cap			
2	Each	CBSQ66 Post Base			
39	Each	4x8-1/2" (15/32") SYP CDX Plywood	Deduct OSB from base bid: 39ea @ $22.26 = $868.14	22.3872/Each	873.10
39	Each	4x8-5/8" (19/32) SYP CDX Plywood		24.7104/Each	963.71
24	EACH	ProGrip Qt. Size Subfloor Adhesive (28 oz. Tube)			
1	Each	Sill Sealer Foam 7-1/2"x1/4"x50'		0.35/LF	17.50
140	Each	Trubolt Anchor 1/2"x4-1/4"		0.95/Each	
		** Group Total **			

Total Deduct for building inspector changes
$1,068.06

Total Add for building inspector changes
$2,123.30

Total CO: $1,055.24

Southside Concrete PROPOSAL

Scott McAtee / 4195 Saint Catherine Road / Bellevue IA 52031
563.543.0464 / Southsideconcrete@yahoo.com

Submission Date:	9/24/2025
Project:	Tiffin WTP BLDG 10 Quote
Project Address:	
Date of Plans:	
Submitted to:	

Item 2-4

I hereby submit specifications and estimates for:

BLDG 10 Fluoride Room Add-on from Building Inspector Changes

Concrete 1 CY @ 185.00	$ 185.00
Rebar	$ 600.00
Misc Materials	$ 15.00
Labor 5 MH @ 80.00	$ 400.00
15% O/P	$ 180.00
TOTAL	$ 1,380.00

NOT INCLUDED:

I propose to furnish material and labor - complete in accordance with the above specifications per bid documents.

Respectfully submitted: Scott L. McAtee

This proposal may be withdrawn by Southside Concrete if not accepted within 30 days from submission date above. Any alterations/deviations from above specifications involving extra costs will be executed only upon written order and will become an extra charge over and above this estimate. All agreements contingent upon strikes, accidents, or delays beyond my control.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. Southside is authorized to perform work as quoted. Payments will be made per bid documents.

Signature: **Date:**

FostersKraus.com
999 Enterprise Drive Suite 100
Marion, IA 52302
319-377-6325

CONTRACTOR CHANGE ORDER REQUEST SUMMARY

Project Name: TIFFIN WWT
Date: 11/24/2025
Project Number:
Prime Contractor Direct Costs TRICON
Description of Change: FIRESTOPPING THROUGH FIRE RATED WALLS & FIRE DAMPER.

Prime Contractor Direct Costs								
Additive Costs								
HVAC Materials							$ 40.00	
Plumbing Materials							$ 160.00	
HVAC Labor	2.00	Hours	@	Rate	$	120.00	$ 240.00	
Plumbing Labor	3.00	Hours	@	Rate	$	120.00	$ 360.00	
Hydronic							$ -	
Insulation								
Core-Drilling							$ -	
Test & Balance								
Permits							$ -	
Equipment Rental							$ -	
Travel/Per Diems							$ -	
Subtotal of Additive								$ 800.00
Deductive Costs								
HVAC Materials							$ -	
Plumbing Materials							$ -	
HVAC Labor	0.00	Hours	@	Rate	$	120.00	$ -	
Plumbing Labor	0.00	Hours	@	Rate	$	120.00	$ -	
Hydronic							$ -	
Insulation							$ -	
Core-Drilling							$ -	
Controls Contractor							$ -	
Permits							$ -	
Equipment Rental							$ -	
Travel/Per Diems							$ -	
Subtotal of Deductive Costs								$ -
Subtotal								$ 800.00
Total OH&P				Rate		10%	$ 80.00	
								$ 80.00
Total Change Order Request								$ 880.00

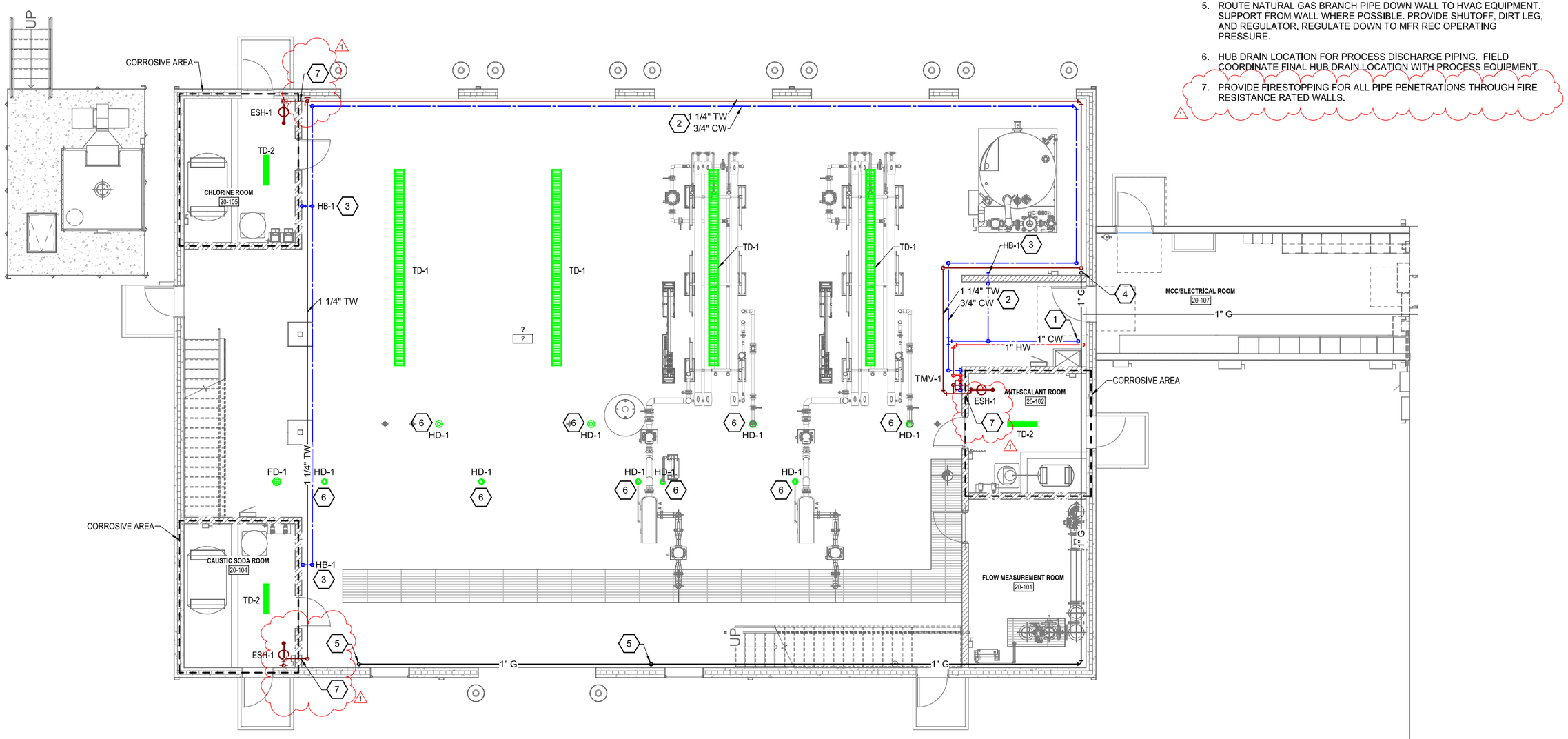
Approvals

Brian Kraus, Vice President
Fosters Kraus Mechanical Group INC
Date

Name:
General Contractor:
Date:

KEY NOTES (#)

1. NEW HOT AND COLD WATER PIPING UP THROUGH FLOOR. ROUTE UP INSIDE WALL AND HIGH AS POSSIBLE. SUPPORT FROM WALL.
2. PIPING SHOWN IN APPROXIMATE LOCATION. OFFSET PIPING AS NECESSARY TO NEW FIXTURES. SUPPORT PIPING FROM WALL WHERE POSSIBLE.
3. ROUTE 3/4" DOWN TO CONNECTION ON HOSE BIBB. PROVIDE LINE SIZED SHUTOFF VALVE IN VERTICAL.
4. ROUTE PIPING UP UP WALL TO CEILING. SUPPORT VERTICAL PIPING FROM WALL.
5. ROUTE NATURAL GAS BRANCH PIPE DOWN WALL TO HVAC EQUIPMENT. SUPPORT FROM WALL WHERE POSSIBLE. PROVIDE SHUTOFF, DIRT LEG, AND REGULATOR. REGULATE DOWN TO MFR REC OPERATING PRESSURE.
6. HUB DRAIN LOCATION FOR PROCESS DISCHARGE PIPING. FIELD COORDINATE FINAL HUB DRAIN LOCATION WITH PROCESS EQUIPMENT.
7. PROVIDE FIRESTOPPING FOR ALL PIPE PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS.



20-PLUMBING PROPOSED FLOOR PLAN

3/16" = 1'-0" (22" x 34")
3/32" = 1'-0" (11" x 17")
0 2 4 8 12

PROJECT DATE:	11/19/2024
DRAWN BY:	RJS
DESIGNED BY:	AVE
CHECKED BY:	AVE

No	DATE	REVISIONS	BY
1	08/19/2025	PLAN REVIEW COMMENTS	CWW

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400 ICE HARBOR DR, STE 110, DUBUQUE IA 52001
(563) 582-3973 www.msa-ps.com

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

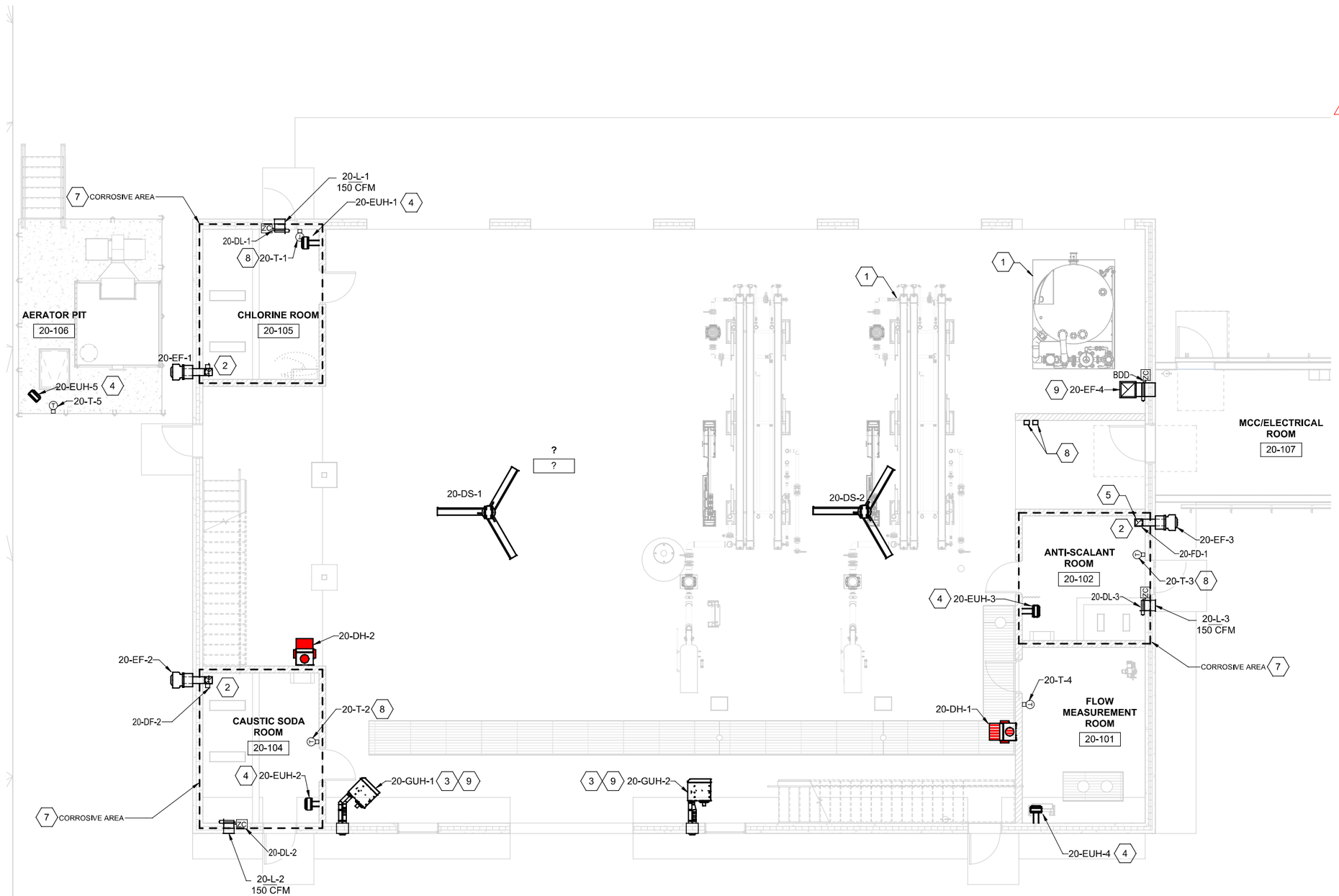
RO BUILDING
PROPOSED PLUMBING ABOVE GRADE FLOOR PLAN

PROJECT NO. 13603016
SHEET 20P102

PLOT DATE: 8/20/2025 3:45:12 PM Autodesk Docs://13603016 - TIFFIN WTP - ACC/13603016_TIFFIN WTP_PLUMB.rvt

KEY NOTES (#)

1. PROCESS EQUIPMENT/PIPING, TYP - SEE PROCESS MECHANICAL.
2. ROUTE DUCT DOWN TO 12-INCHES AFF. TERMINATE WITH ALUMINUM SCREEN. RUN DUCT TIGHT ALONG WALL AND CEILING.
3. RUN COMBUSTION AIR AND FLUE VENT PIPING AS SHOWN. PROVIDE CONCENTRIC VENT KIT AS CLOSE TO EXTERIOR WALL AS POSSIBLE. RUN SINGLE VENT THROUGH WALL AND TERMINATE PER MFR INSTRUCTIONS. PROVIDE WEATHER AND VAPOR TIGHT SEAL AT WALL PENETRATION. ROUTE AS HIGH AS POSSIBLE.
4. BOTTOM OF ELECTRIC UNIT HEATER SHALL BE MOUNTED 8'-0" A.F.F.
5. PROVIDE FIRE DAMPER AND FIRESTOPPING AT CEILING PENETRATION.
6. CONNECT GAS TO NEW HVAC EQUIPMENT. PROVIDE DIRT LEG, SHUTOFF VALVE, AND REGULATOR. REGULATE DOWN TO MANUFACTURER RECOMMENDED OPERATING PRESSURE.
7. ALL EQUIPMENT, ACCESSORIES, AND WORK IN THIS AREA SHALL BE SUITABLE FOR A CORROSIVE (NEMA 4X) ENVIRONMENT.
8. INSTALL CONTROL DEVICE AT 3'-6" AFF.
9. ROUTE EXHAUST DUCTWORK FROM MCC/ELECTRICAL ROOM WITH SCREEN INTO RO SKID ROOM. ELBOW UP AND CONNECT TO FAN. SUPPORT FAN FROM WALL. TERMINATE FAN WITH 6-INCHES OF DUCTWORK AND SCREEN.



20-HVAC PLAN

3/16" = 1'-0"(22" x 34") 0 2 4 8 12
3/32" = 1'-0" (11" x 17")

			No	DATE	REVISIONS	BY
PROJECT DATE: AUG 5, 2024	DRAWN BY: RJS		2	8/19/2025	PLAN REVIEW COMMENTS	CWW
	DESIGNED BY: AVE					
	CHECKED BY: AVE					

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

RO BUILDING HVAC PLAN

PROJECT NO. 13603016
SHEET 20H101

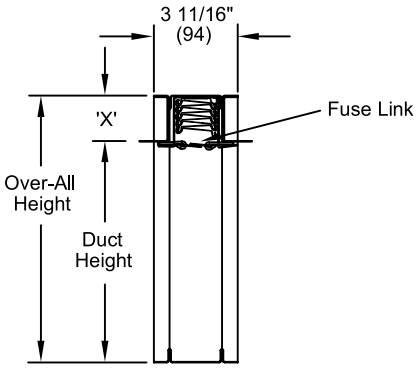
PLOT DATE: 8/20/2025 1:46:17 PM J:\Projects\Docs\13603016 - TIFFIN IA WTP - ACC\13603016_TIFFIN WTP_HVAC.rvt

UnitedEnertech

FD-B Static Curtain Fire Damper
UL555 Classified 1 ½ and 3 Hour
For Use in Static Systems

APPLICATION

Model FD-B Style B (Blades out of the airstream) 1 ½ or 3 hour UL classified static (fans off) curtain style fire damper for use in HVAC systems that turn off during a fire. Fire dampers are used for the protection of openings in walls, partitions, or masonry floors with fire resistance ratings of less than 3 hours for 1 ½ hour protective rating and 3 hour or more for 3 hour protective rating. The FD-B can be installed vertically in walls or horizontally in masonry floors and is rated for airflow in either direction.



Over-All Height = Damper Height + 'X' Dim.
See Page 2

Standard Construction

Frame: Roll-formed galvanized steel in gauges required by UL listing R-25410.
Blades: Roll-formed galvanized steel in gauges required by UL listing R-25410.
Closure Springs: 301 stainless steel
Fuse Link: 165° F (74°C) is standard. 212° F (100°C) available option.

SIZE

Selection is based on 8" x 8" duct size.
Damper measurements would be 8" x 10"

Minimum: 4" (102) wide x 3" (76) high
Maximum:

Single Section 1 ½ Hour.
Vertical - 48" (1219) wide x 443" (1092) high.
Horizontal - 40" (1016) wide x 35" (889) high

Multi-Section 1 ½ Hour
Vertical - 120" (3048) wide x 115" (2921) high
Horizontal - 120" (3048) wide x 35" (889) high or 96" (2438) wide x 43" (1092) high.

Single Section 3 Hour
Vertical or Horizontal - 40" (1016) wide x 35" (889) high.

Multi-Section 3 Hour
Vertical or Horizontal - 80" (2032) wide x 35" (889) high

OPTIONS

Sleeves - of various lengths and gauges
One Side Mounting Angles - 1 ½ Hour Standard
Two Sides Mounting Angles - Option 1 ½ Hour and 3 Hour Standard

Ratings - EMME R25410
UL 555 Fire Resistance Rating
Fire Rating: 1 ½ Hour (Less than 3 hours wall rating)
3 Hour (3 hours and More rating)

National Fire Protection Association
NFPA Standards 80, 90A, 92A, 101 and 5000
ICC International Building Codes
CSFM California State Fire Marshal
Listing 3225-1722:0100
Canada ULC-S112 Fire Damper

Notes:
1. Refer to the installation instructions for additional details.
2. Damper are furnished approx. ¼" (6) undersized, unless otherwise noted.
3. Dimensions shown in parentheses () indicate millimeters.

United Enertech
3005 South Hickory Street
Chattanooga, Tennessee 37407
Tel: (423) 689-7715
www.unitedenertech.com

FD-B Static Fire Damper Style B

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	DWG. NO.
KSM	March, 2025			PD-015

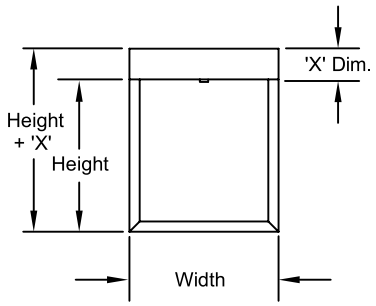
UE reserves the right to change specifications without notice.

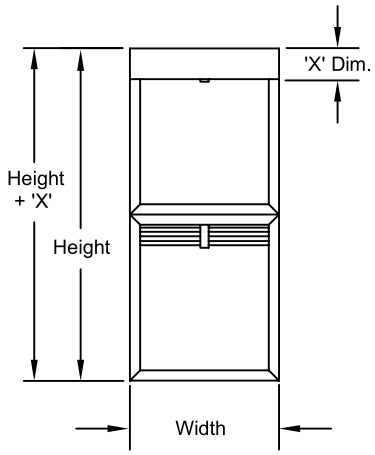
FD-B Dimensional Data

Vertical Mount

Single Section Vertical 'B' Hood	
Damper Height	**'X' Dim.**
4" (102) Thru 20" (508)	2" (51)
21" (533) Thru 34" (864)	3" (76)
35" (889) Thru 41" (1041)	4" (102)
42" (1067) Thru 54" (1372)	5" (127)

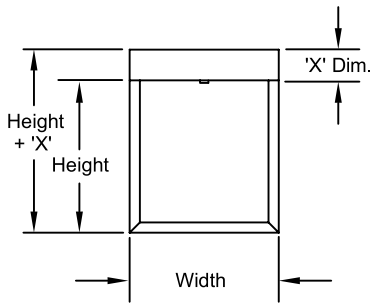
Two Section Height Vertical 'B' Hood	
Damper Height	**'X' Dim.**
55" (1397) Thru 64" (1626)	3" (89)
65" (1651) Thru 82" (2083)	4" (102)
83" (2108) Thru 104" (2642)	5" (127)
105" (2667) Thru 114" (2896)	6" (127)





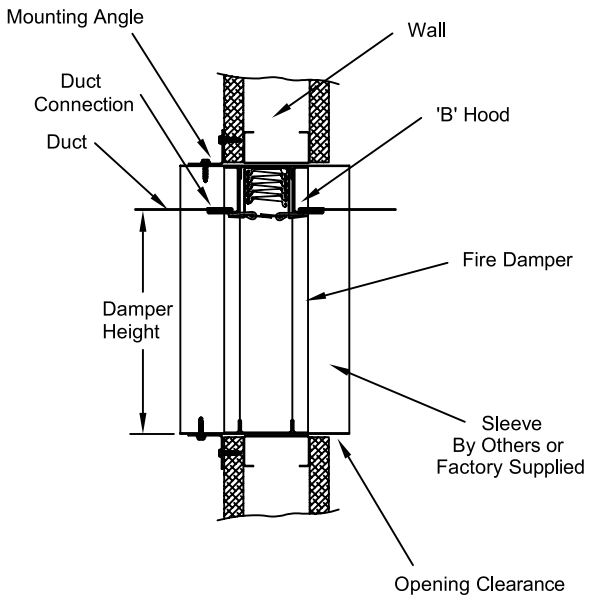
Horizontal Mount

Single Section Horizontal 'B' Hood	
Damper Height	**'X' Dim.**
4" (102) Thru 20" (508)	2" (51)
21" (533) Thru 34" (864)	3" (76)
35" (889) Thru 43" (1092)	4" (102)

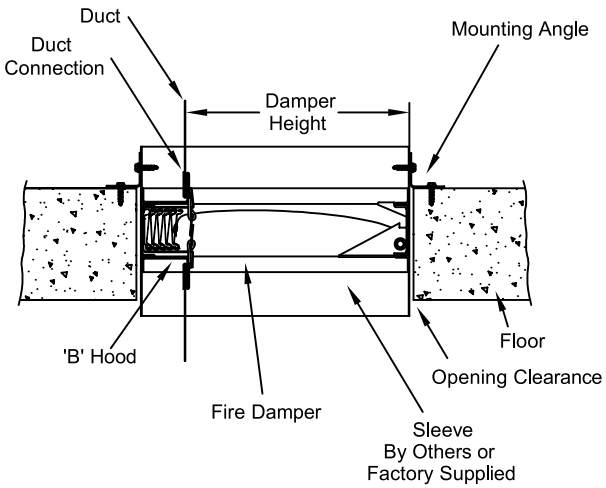


UE reserves the right to change specifications without notice.

Typical Fire Damper Installation



Vertical Mount



Horizontal Mount

See UL Listed Installation instructions for complete installation details

SUGGESTED SPECIFICATION

Furnish and install at locations shown on the plans, or as described in schedules for curtain type fire dampers suitable for vertical wall or horizontal masonry floor or ceiling. Static fire dampers tested, constructed and labeled in accordance with the latest edition of UL Standard 555. Dampers shall have a fire rating of 1 1/2 hours or 3 hours and shall meet the requirements of the latest edition of NFPA90A.

Damper frame and blades shall be galvanized steel in gauges required by UL listing R-25410 installed in a factory mounted sleeve and shipped loose mounting angle. Damper blades shall be steel interlock to provide fire shield in gauges required by UL listing R-25410. Horizontal Mount units closure spring dampers shall be of 301 stainless steel and shall be constant force type.

Each static fire damper shall include a steel sleeve and mounting angles furnished by the damper manufacturer to ensure appropriate installation. Submittal information shall include the manufacturer's UL installation instructions. The dampers shall be installed in accordance with the manufacturer's UL installation instructions. Static fire dampers shall be in all respects equivalent to United Enertech FD-B.

Each damper shall include a 165°F (74°C), or 212°F (100°C) fusible link and shall be labeled for use in static systems.

Static fire dampers shall be United Enertech model FD-B.
(Consult United Enertech for detailed CSI MasterFormat Specifications).

United Enertech
3005 South Hickory Street
Chattanooga, Tennessee 37407
www.unitedenertech.com

UE reserves the right to change specifications without notice.

MOUNT VERNON CONSTRUCTION
Mount Vernon, IA

PROPOSAL

510 1st Ave N; Mount Vernon, IA 52314
Phone: (319) 895-8147 Fax: (319) 895-6797
Email: dsimmons@mvconstr.com
Date:

Proposal Submitted To:	*Tom Shedek*		
Phone:	*913-238-6689*	Email:	tomshedek@triconcg.com
Job Location:	*109 S Brown St Tiffin, WWTP*		

Description	Quanity	LnFt/SqFt/Hr	Unit Price	Total
79200 Joint Sealants			$ -	$ -
Building 20			$ -	$ -
Vertical precast control joints	818	LnFt	$ 6.00	$
Soudal foam vertical precast control joints	818	LnFt		
Firecalk vetical precast control joints 1 side	176	LnFt	$ 17.00	$
Building 10			$ -	$ -
Vertical precast control joints	168	LnFt		
Soudal foam vertical precast control joints	168	LnFt		
Building 30				
Vertical precast control joints	80	LnFt		
Soudal foam vertical precast control joints	80	LnFt		
Lift rental				

$11.00 delta
$11.00 x 176LF =

$1,936.00 cost for fire caulking addition on precast exterior vertical joints

Quote is for items listed above only. Would use Tremco Dymonic 100 for caulking interior and exterior vertical joints. Foam would be Soudal Soudafoam and Hilti CP606 for firecaulking one side only in required area on Building 20.

All material is guaranteed to be as specified. All work to be completed in workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra cost will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized Signature	Jamie Lytle	Date: 3-23-20
Acceptance of Proposal		Date:

CITY OF TIFFIN
BUILDING CODES DEPARTMENT
300 RAILROAD ST, PO BOX 259
TIFFIN, IA 52340
Tel: 319-545-2572 Fax: 319-545-4147

PLAN REVIEW RECORD

Building Address: 119 Brown St
Project: Water Treatment Facility Upgrade and Addition
Permit #: 4748
Reviewed By: Nick Sitzman
Date(s): 7/22/2025
Construction Type: V-B? Occupancy Type: B, S-1? H-3/4? F-1?

DISCIPLINE	APPROVED	NEEDS CLARIFICATION	NO REVIEW REQ'D	DEFFERED SUBMITTAL
NON-STRUCTURAL		X		
STRUCTURAL		X		
MECHANICAL		X		
ELECTRICAL		X		
PLUMBING		X		
FLOOD PLAIN	X			
STREET/SIDEWALK	X			
ZONING	X			
FIRE PROTECTION		X		

CODES: 2018 IRC w/ appx F & J, 2018 IBC w/ appx K, 2024 IFC, Iowa State Electrical Code (2023 NEC), Iowa State Plumbing Code (including Fuel Gas Code) (2024 UPC), and Iowa State Mechanical Code (2024 IMC), 2012 IECC, 2010 ADA.

Comments:

Please note that this is an on-going review. Additional comments may be generated upon review of responses and/or shop drawings. <7/22/2025 NS>

Non-Structural:

1) Provide a complete Code Summary for this project. Identify proposed construction Type (VB?). Identify applicable codes and standards adopted by City of Tiffin, including “2018 IBC” and “2024 IFC” as well as “2023 NEC” “2024 IMC” and “2024 UPC” which are current State of Iowa Codes adopted by Tiffin. This should also include a building summary, determined allowable heights and areas, fire ratings, gross/net area data, etc. <7/21/2025 NS>

   The Code Summary Used for this project is summarized below:

   - Buildings/Structures - 2018 IBC & 2024 IFC
   - Electrical - 2023 NEC
   - Mechanical - 2024 IMC
   - Plumbing – 2024 UPC

2) Provide a Life Safety Plan for this project including area Uses and Occupancy Classifications, Occupant Loads, Egress Travel distances, Common Path of Travel distances where applicable, Accessible routes, Exit locations and sizing, Fire Extinguisher and fire protection elements, etc. <7/21/25 NS>

   Life safety plans have been included for your review. (MSA)

3) Provide listed assembly and appropriate details for 3-hour fire-resistance rated Fire Wall. <7/21/2025 NS>

   We have determined that the 3-hour rated fire wall shown on the contract drawings is not required. The chemicals proposed to be in the building were reviewed and assigned a code hazard classification. The quantity for each chemical in each room was reviewed. It was determined that (3) rated control areas were required for (3) of the chemical rooms as the proposed quantity was at or lower than the tabular allowed quantity. As only 4 control areas are permitted for a single story building, the other (2) chemical rooms were designed without rated control room construction and the remainder of the building will act as the 4th code permitted control area so that the (2) chemical rooms and the remainder of the building space is permitted to have up to the tabular listed quantity for each classification of chemical. The 4th control area (the remainder of the building) is bounded on its exterior with exterior walls – which are not required to be rated. As chemicals will be present in limited quantities outside the (3) defined control areas, this design methodology keeps the building design within the bounds of the building code and does not require that we create (2) separate buildings divided by a firewall to permit the construction of (1) or (2) additional control areas – which would therefore not comply with the building code. (MSA)

4) Verify vertical and horizontal continuity of Fire Wall per 2018 IBC 706.5 and 706.6. Provide details as needed. <7/21/2025 NS>

1-hr rated fire wall assemblies will only be required for the (3) control areas in the Main RO Building. Assembly drawings have been revised and provided for your review. (MSA)

5) NOTE: Multiple locations in the proposed plans refer to “Existing” and “New” buildings. For clarification, all codes and standards shall be applied to this project such that the “new” areas added on to the water treatment plant are appropriately treated as “ADDITIONS” to an existing building, NOT “new” buildings. The 3-hour rated Fire Wall will provide for structural independence and separate Fire Areas, but it is still one building. (The clear well IS a separate building and structure.) <7/22/25 NS>

Structural:

1) Submit all technical (shop) drawings for project including Rebar, Pre-Cast package, Fire Suppression, Fire Alarm, Wall Panels, Trusses (Include Fire Wall parapet design if part of trusses). Truss layout shall call out all point loads >/= 5klb and uplift values that exceed the typical hold-downs specified), Please note that per IAC 542B.16, technical drawings shall be sealed by the qualified design professional that is responsible for each submittal. <7/21/2025 NS>
   MSA will provide approved shop drawings for the rebar, precast building, and trusses for your review. (MSA)
2) Verify structural independence of structures on both sides of Fire Wall per 2018 IBC 706.2 and 1604.5.1. Provide details as needed to demonstrate integrity of Fire Wall with collapse of structure on either side. <7/21/2025 NS>
   3-hr rated firewall is no longer included in the design. (MSA)
3) Sheet 99S601 references 2015 IBC and ASCE 7-10. Please update all structural analysis and data throughout the proposed plans to be per 2018 IBC and ASCE 7-16. <7/21/2025 NS>
   Plan sheet has been revised to read “2018 IBC”. The structural requirements are not affected by this change. (MSA)
4) Submit Statement of Special Inspections (SSI) for all special inspections required per Chapter 17 of the IBC. This includes but is not limited to concrete, anchors, epoxy, masonry, bolting, welding, and erection of pre-cast. <7/21/2025 NS>
   SSI document has been included. (MSA)
5) Provide confirmation letter from Special Inspection agency confirming contract for SSI requirements. <7/21/2025 NS>
   N/A per our phone conversation. (MSA)
6) Submit Geotechnical Soil Report to verify design Soil Bearing Capacity is met on site. <7/21/2025 NS>
   The geotechnical report was provided in the contract specifications. Refer to the “Available Project Information” section 00 31 32. (MSA)

Mechanical:

1) Please verify ventilation system calculations and design per 2024 IMC Sections 403 & 404 for outside air and exhaust/relief requirements. Include both continuous and intermittent ventilation calculations. <7/21/2025 NS>
   Ventilation system calculations have been provided for your review. (MSA)
2) Provide firestop and damper submittal(s) for all rated penetrations. <7/21/2025 NS>
   A 1-hr rated damper will be required for exhaust fan 20-EF-3 (20-DF-3) because the duct penetrates through the mezzanine. Fire rated caulk will also be required at the perimeter of the penetrations. The rest of the exhaust fans are not located in control areas or are located on the exterior wall and do not penetrate through the mezzanine floor. (MSA)

Electrical:

1) Add the required concrete encased electrode (Ufer) to the electrical plans and one-line drawing. Indicate the location of the connection to the footing reinforcing steel. <7/21/2025 NS>
   We typically leave the location of the Ufer up to the electrician and verify it is completed during our inspections. If you prefer an exact location is identified, we can contact the electrician to confirm the location they are proposing. (MSA)
2) Provide firestop submittal for all rated penetrations. <7/21/2025 NS>
   We would anticipate that most of the penetrations in the 1-hour fire rated control areas will be through the concrete floor slab. Wall/ceiling penetrations through 1-hour rated assemblies are covered by specification 26 05 00, Paragraphs 2.02 and 3.03, I. (MSA)

Plumbing:

1) Provide firestop submittal for all rated penetrations. <7/21/2025 NS>
   Piping that penetrates through the 1-hour control areas have been identified on the drawings provided. (MSA)

Fire Protection:

1) Identify all Hazardous Materials and Chemicals to be on site and provide SDS to Fire Marshal. Verify all Maximum Allowable Quantities are compliant with 2024 IFC and approved by Tiffin Fire Marshal. Building Codes and Fire Marshal's Office will coordinate a response for this once information has been provided. <7/22/2025 NS>
   Refer to the life safety plan provided. (MSA)
2) See Fire Marshal's plan review report for additional comments.
   No comments were received. (MSA)

KEY NOTES

1. CODE REQUIRED ACCESSIBLE EXIT - (2) REQUIRED FOR THIS AREA (THEY ARE SEPARATED BY MORE THAN 1/2 THE DIAGONAL DISTANCE OF THE SPACE). PROVIDE ILLUMINATED EXIT SIGN ABOVE DOOR AND TACTILE SIGN ON WALL ADJACENT TO LATCH.
2. NOT A CODE REQUIRED EXIT
3. CODE REQUIRED SINGLE EXIT FOR THIS SPACE, NON-ACCESSIBLE EXIT (SPACE IS "MECHANICAL" EQUIPMENT AND IS NOT REQUIRED TO BE ACCESSIBLE)
4. CODE REQUIRED ACCESSIBLE EXIT - A SINGLE EXIT IS REQUIRED FOR EXISTING BUILDING (EXCEPT LAB AND CHLORINE ROOM). COMMON PATH OF TRAVEL < 75' AND OCCUPANT LOAD IS ≤ 30.
5. CODE REQUIRED SINGLE EXIT FOR MCC, MECHANICAL, AND TOILET ROOMS
6. SAFETY STATION - DRENCH SHOWER/EYEWASH
7. CONTROL ROOM - 1-HOUR RATED WALLS (WHERE INDICATED), AND CEILING
8. EQUIPMENT PLATFORM ONLY - WITH PROCESS TANK BELOW
9. EXTERIOR DOOR DOES NOT NEED TO BE 1-HOUR RATED
10. EXTERIOR WALL SHALL BE 1-HOUR RATED IN THIS AREA - SUPPORTS 1-HOUR RATED MEZZANINE CEILING FRAMING

KEY NOTES

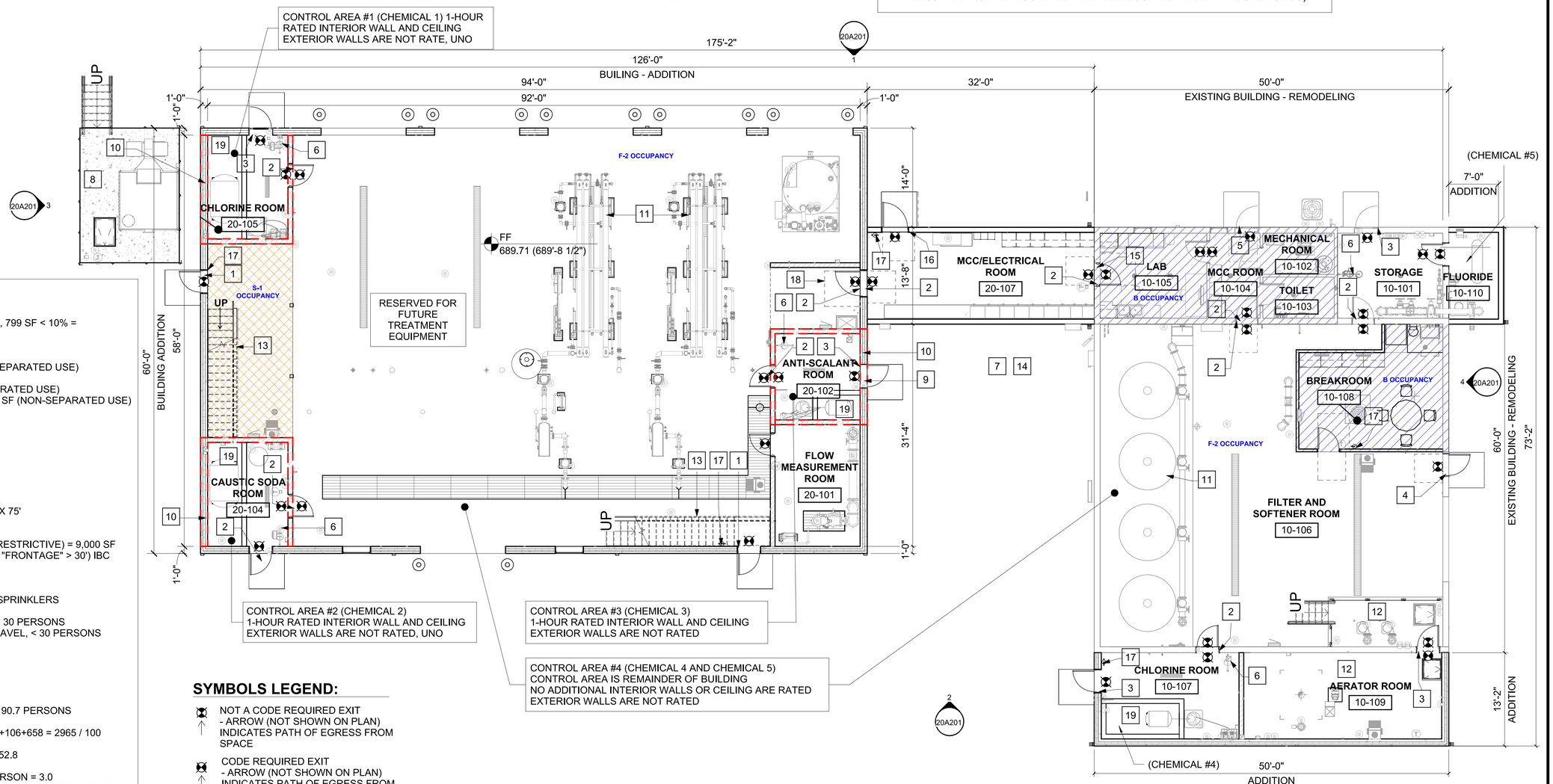
11. PROCESS EQUIPMENT, TYP
12. PROCESS TANK BELOW - LIMITED ACCESS REQUIRED. CONFINED ENTRY SPACE - ACCESS THROUGH FLOOR DOOR.
13. STAIR IS EXIT FOR MEZZANINE - SEE SHEET 10A101. STAIR SHALL PROVIDE MINIMUM 36" CLEARANCE BETWEEN HANDRAILS.
14. EXISTING LAB IS NON-ACCESSIBLE (EGRESS, SINK, ETC). CASEWORK TO BE INSTALLED SHALL COMPLY WITH ACCESSIBILITY REQUIREMENTS. DOOR INSTALLED IN WEST WALL SHALL BE ACCESSIBLE FROM BOTH SIDES.
15. CODE REQUIRED SINGLE, ACCESSIBLE EXIT FOR THIS SPACE. EXISTING DOOR IN EAST WALL IS NOT ACCESSIBLE (FROM INSIDE ROOM).
16. CODE REQUIRED SINGLE, ACCESSIBLE EXIT FOR ELECTRICAL AND LAB ROOMS
17. PORTABLE FIRE EXTINGUISHER ON WALL BRACKET
18. ACCESSIBLE CLEAR FLOOR SPACE OR TURNING SPACE INDICATED BY DASHED RECTANGLE/CIRCLE (FOR GRAPHIC PURPOSES ONLY) - TYP
19. CHEMICAL SECONDARY CONTAINMENT AREA. CHEMICAL TANKS NOT IN CONTAINMENT AREA ARE PROVIDED WITH DUAL WALL TANKS OR OTHER MEANS OF CONTAINMENT.

CODE NOTES:

A SINGLE BUILDING w/ REMODELING AND ADDITIONS

CODES:
- EXISTING REMODELING AND ADDITIONS: 2018 IEBC
  - ALTERATION LEVEL 2
  - 2018 IBC FOR ALL ADDITION AREAS AS REFERENCED FROM THE IEBC
- OTHER: 2024 IFC, 2012 IECC, 2010 ADA, 2024 IMC, 2023 NEC, 2024 UPC

TOTAL BUILDING GROUND FLOOR AREA: 9751 SF
(ACCESSORY USES MAY BE UP TO 975 SF AGGREGATE)
- EXISTING BUILDING SIZE: 3000 SF
- BUILDING ADDITIONS TOTAL SIZE: 6751 SF
  - EAST: 106 SF
  - SOUTH: 658 SF
  - CENTER: 347 SF
  - WEST: 5640 SF
    - MEZZANINES (DO NOT ADD TO TOTAL BUILDING AREA PER IBC 505, AS THEY ARE LESS THAN 1/3 THE FLOOR AREA THEY ARE LOCATED IN AND HAVE OPEN SIDES)



CODE NOTES CONTINUED:

OCCUPANCIES WITH AREAS
- EXISTING BUILDING: F-2 WATER TREATMENT (w/ B, 799 SF < 10% = ACCESSORY), 3000 SF
- EAST ADDITION: F-2 WATER TREATMENT, 106 SF
- SOUTH ADDITION: F-2 WATER TREATMENT, 658 SF
- "CENTER" ADDITION: S-1 STORAGE, 347 SF (NON-SEPARATED USE)
- WEST ADDITION: F-2 WATER TREATMENT, 5284 SF
- WEST ADDITION: S-1 STORAGE, 356 SF (NON-SEPARATED USE)
- WEST ADDITION MEZZANINES: S-1 STORAGE, 1143 SF (NON-SEPARATED USE)
  - EAST: 508 SF
  - WEST: 635 SF

PRIMARY OCCUPANCY: F-2 WATER TREATMENT

CONSTRUCTION TYPE: VB

FIRE PROTECTION SYSTEMS
- SPRINKLER SYSTEM: NONE REQUIRED
- PORTABLE FIRE EXTINGUISHERS: PROVIDE AT MAX 75'

ALLOWED BUILDING AREA = 15,750 SF
- TABULAR ALLOWED FOR S-1 OCCUPANCY (MOST RESTRICTIVE) = 9,000 SF
- FRONTAGE INCREASE (100% OF PERIMETER WITH "FRONTAGE" > 30') IBC 506.3 = 6750 SF

EXIT DISTANCE:
- SPACES w/ (1) EXIT (PER IBC TABLE 1006.2.1), NO SPRINKLERS
  - COMMON PATH OF TRAVEL
    - B AND S: 100' COMMON PATH OF TRAVEL, < 30 PERSONS
    - F OCCUPANCIES: 75' COMMON PATH OF TRAVEL, < 30 PERSONS
  - MAXIMUM OCCUPANT LOAD:
    - B AND F: 49 PERSONS
    - S: 29 PERSONS
- F-2 AND S-1: 200'

OCCUPANT LOAD
- CALCULATED PER CODE (PER IBC TABLE 1004.5) = 90.7 PERSONS
  - INDUSTRIAL (F-2):
    - EAST EXISTING AND ADDITIONS: (3000-799)+106+658 = 2965 / 100 SF/PERSON = 29.6
    - WEST ADDITIONS: 5284 / 100 SF/PERSON = 52.8
  - BUSINESS (B): 799 / 150 SF/PERSON = 5.3
  - WAREHOUSE (S-1): 356+1143 = 1499 / 500 SF/PERSON = 3.0
- ACTUAL: < 15 PERSONS (A SINGLE TOILET FIXTURE IS REQUIRED PER IBC CHAPTER 29)

EGRESS WIDTH (IBC 1005):
- STAIRWAYS: 0.3"/PERSON.
  - PROVIDE 4'-4" WIDE (OUTSIDE OF STRINGER) STAIRS, MINIMUM 36" CLEARANCE.
- OTHER COMPONENTS: 0.2"/PERSON.
  - WEST ADDITION: 55.8 PERSONS X 0.2" / (2) DOORS = 14" CLEAR/DOOR

SYMBOLS LEGEND:

NOT A CODE REQUIRED EXIT
- ARROW (NOT SHOWN ON PLAN) INDICATES PATH OF EGRESS FROM SPACE

CODE REQUIRED EXIT
- ARROW (NOT SHOWN ON PLAN) INDICATES PATH OF EGRESS FROM SPACE

OVERALL FLOOR PLAN (STRUCTURES 10 AND 20) AND LIFE SAFETY PLAN

1/8" = 1'-0" (22" x 34") 1/16" = 1'-0" (11" x 17") 0 4 8 16

PLOT DATE: 8/20/2025 5:15:34 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

PROJECT DATE: AUG 5, 2024	DRAWN BY: JBR	DESIGNED BY: JBR	CHECKED BY: CWW

No	DATE	REVISIONS	BY
1	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

OVERALL FACILITY - STR 10 AND STR 20 GROUND FLOOR LIFE SAFETY PLAN

PROJECT NO. 13603016
SHEET 10A100

HAZARDOUS MATERIALS

CLASSIFICATION DEFINITIONS (IBC CHAPTER 2):

TOXIC:
- 50 mg/kg < LD50 (ORAL, RAT) < 500 mg/kg
- 200 mg/kg < LD50 (DERMAL, RABBIT) < 1000 mg/kg
- 200 PPM < LC50 (INHALE, RAT) < 2000 PPM

HIGHLY TOXIC:
- LD50 (ORAL, RAT) < 50 mg/kg
- LD50 (DERMAL, RABBIT) < 200 mg/kg
- LC50 (INHALE, RAT) < 200 PPM

CORROSIVE:
- REQUIRES PERMANENT AND IRREVERSIBLE DAMAGE TO OCCUR PER TEST METHOD DOT 49 CFR, PART 173.137;
- DOT "ACUTE DERMAL TOXICITY": LD50 < 1000 mg/kg

* LIMIT QUANTITY LISTED ARE AGGREGATE TOTAL FOR ALL MATERIALS WITH THE SAME CLASSIFICATION FOR EACH CONTROL AREA

CHEMICAL 1 - CHLORINE (BLEACH)
- NAME: SODIUM HYPOCHLORITE SOLUTION 12.5%
- STATUS: IN USE - CLOSED SYSTEM
- MATERIAL STATE: LIQUID
- AMOUNT IN USE: 500 GALLONS
- TOXICOLOGICAL INFORMATION:
  - COMPONENTS (FROM MSDS):
    - CHLORIDE (12.5%)
    - SODIUM CHLORIDE (5–20%): LD50 (ORAL, RAT) = 3,000 mg/kg
    - SODIUM HYDROXIDE (5–20%):
      - LD50 (DERMAL, RABBIT): 1,350 mg/kg
      - LD50 (ORAL, RABBIT): 500 mg/kg
    - SODIUM HYPOCHLORITE (1–5%): LD50(ORAL, RAT)= 8,910 mg/kg
    - WATER (77.5%): LD50 (ORAL, RAT) = >90,000 mg/kg
  - SOLUTION: LD50 (ORAL, RABBIT) ≈ 70,190 mg/kg
- CLASSIFICATION: CORROSIVE
- LIMIT (PER IBC TABLE 307.1(2)): 500 GALLONS*

CHEMICAL 2 – CAUSTIC SODA
- NAME: CAUSTIC SODA 30–32%
- STATUS: IN USE – CLOSED SYSTEM
- MATERIAL STATE: LIQUID
- AMOUNT IN USE: 500 GALLONS
- TOXICOLOGICAL INFORMATION (FROM SDS):
  - NO DATA PROVIDED. MFR STATES THAT SOLUTION IS NOT HIGHLY TOXIC AND IS NOT TOXIC.
- MFR DATA STATES: SKIN SEVERE BURNS/EYE CORROSION
  - (DOT CATEGORY: 1A/1) HAZARDOUS MATERIAL
- CLASSIFICATION: CORROSIVE
- LIMIT (PER IBC TABLE 307.1(2)): 500 GALLONS*

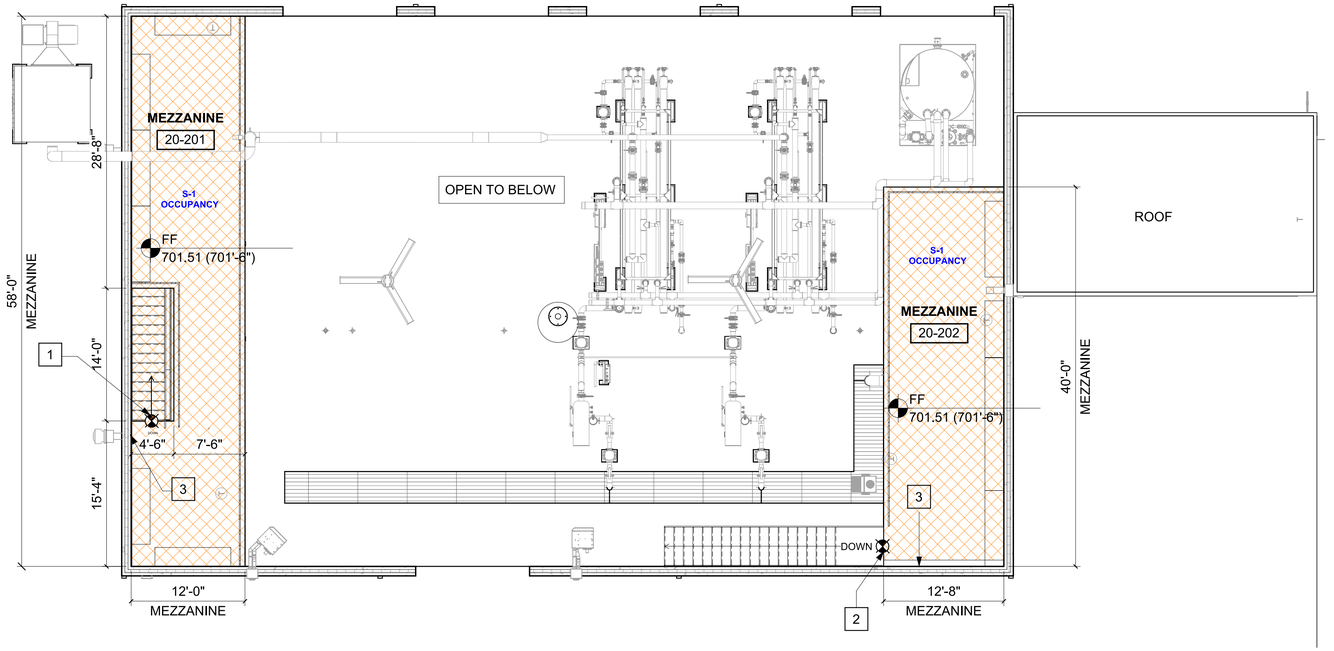
CHEMICAL 3 – ANTI-SCALANT
- NAME: AVISTA 204 (ATMP PHOSPHONATE SOLUTION)
- STATUS: IN USE – CLOSED SYSTEM
- MATERIAL STATE: LIQUID
- AMOUNT IN USE: 500 GALLONS
- SPECIFIC GRAVITY: 1.349 (11.25 POUNDS/GALLON)
- TOXICOLOGICAL INFORMATION (FROM SDS):
  - COMPONENTS:
    - CHELATE AGENT (10–20%)
      - LD50 (ORAL, RAT) = 2,100 mg/kg
      - LD50 (DERMAL, RABBIT) = 6,310 mg/kg
    - WATER (70–85%)
      - LD50 (Oral, Rat) = >90,000 mg/kg
    - SOLUTION/MIX:
      - LD50 (ORAL, RAT) = 63,420 mg/kg
      - LD50 (DERMAL, RAT) = 31,550 mg/kg
- CLASSIFICATION: CORROSIVE
- LIMIT (PER IBC TABLE 307.1(2)): 500 GALLONS*

CHEMICAL 4 – CHLORINE (BLEACH)
- NAME: SODIUM HYPOCHLORITE SOLUTION 12.5%
- STATUS: IN USE – CLOSED SYSTEM
- MATERIAL STATE: LIQUID
- AMOUNT IN USE: 100 GALLONS
- TOXICOLOGICAL INFORMATION:
- COMPONENTS (FROM MSDS):
  - CHLORIDE (12.5%)
  - SODIUM CHLORIDE (5–20%): LD50 (ORAL, RAT) = 3,000 mg/kg
  - SODIUM HYDROXIDE (5–20%):
    - LD50 (DERMAL, RABBIT) = 1,350 mg/kg
    - LD50 (ORAL, RABBIT) = 500 mg/kg
  - SODIUM HYPOCHLORITE (1–5%): LD50 (ORAL, RAT) = 8,910 mg/kg
  - WATER (77.5%): LD50 (ORAL, RAT) = >90,000 mg/kg
- SOLUTION: LD50 (ORAL, RAT)= 70,190 mg/kg
- CLASSIFICATION: CORROSIVE
- LIMIT (PER IBC TABLE 307.1(2)): 500 GALLONS*

CHEMICAL 5 - FLUORIDE
- NAME: HYDROFLUOSILICIC ACID, 23% SOLUTION
- STATUS: IN USE - CLOSED SYSTEM
- MATERIAL STATE: LIQUID
- AMOUNT IN USE: 15 GALLONS
- SPECIFIC GRAVITY: 1.225
- TOXICOLOGICAL INFORMATION:
  - (CALCULATED MIX VALUES FROM MSDS):
    - LD50 (ORAL, RAT): 388 mg/kg
    - LD50 (DERMAL, RAT): 375 mg/kg
    - LC50 (INHALE, RAT): 3.76 mg/L = 585 ppm
- CLASSIFICATION: TOXIC
- LIMIT (PER IBC TABLE 307.1(2)): 500 POUNDS = 48.9 GALLONS*

KEY NOTES

1. SINGLE EXIT REQUIRED FOR MEZZANINE. EGRESS DISTANCE FROM FURTHEST CORNER TO BOTTOM OF STAIRS IS 76' (<100' CODE LIMIT, 1.3 CODE OCCUPANT LOAD)
2. SINGLE EXIT REQUIRED FOR MEZZANINE. EGRESS DISTANCE FROM FURTHEST CORNER TO BOTTOM OF STAIRS IS 74' (<100' CODE LIMIT, 1.0 CODE OCCUPANT LOAD)
3. MEZZANINE LOAD CAPACITY (PSF - SEE STRUCTURAL) SIGNAGE



OVERALL MEZZANINE PLAN (STRUCTURE 20) AND LIFE SAFETY PLAN

1/8" = 1'-0" (22" x 34")
1/16" = 1'-0" (11" x 17")
0 4 8 16

No	DATE	REVISIONS	BY
1	8/19/2025	PLAN REVIEW COMMENTS	CWW

PROJECT DATE: AUG 5, 2024
DRAWN BY: JBR
DESIGNED BY: JBR
CHECKED BY: CWW

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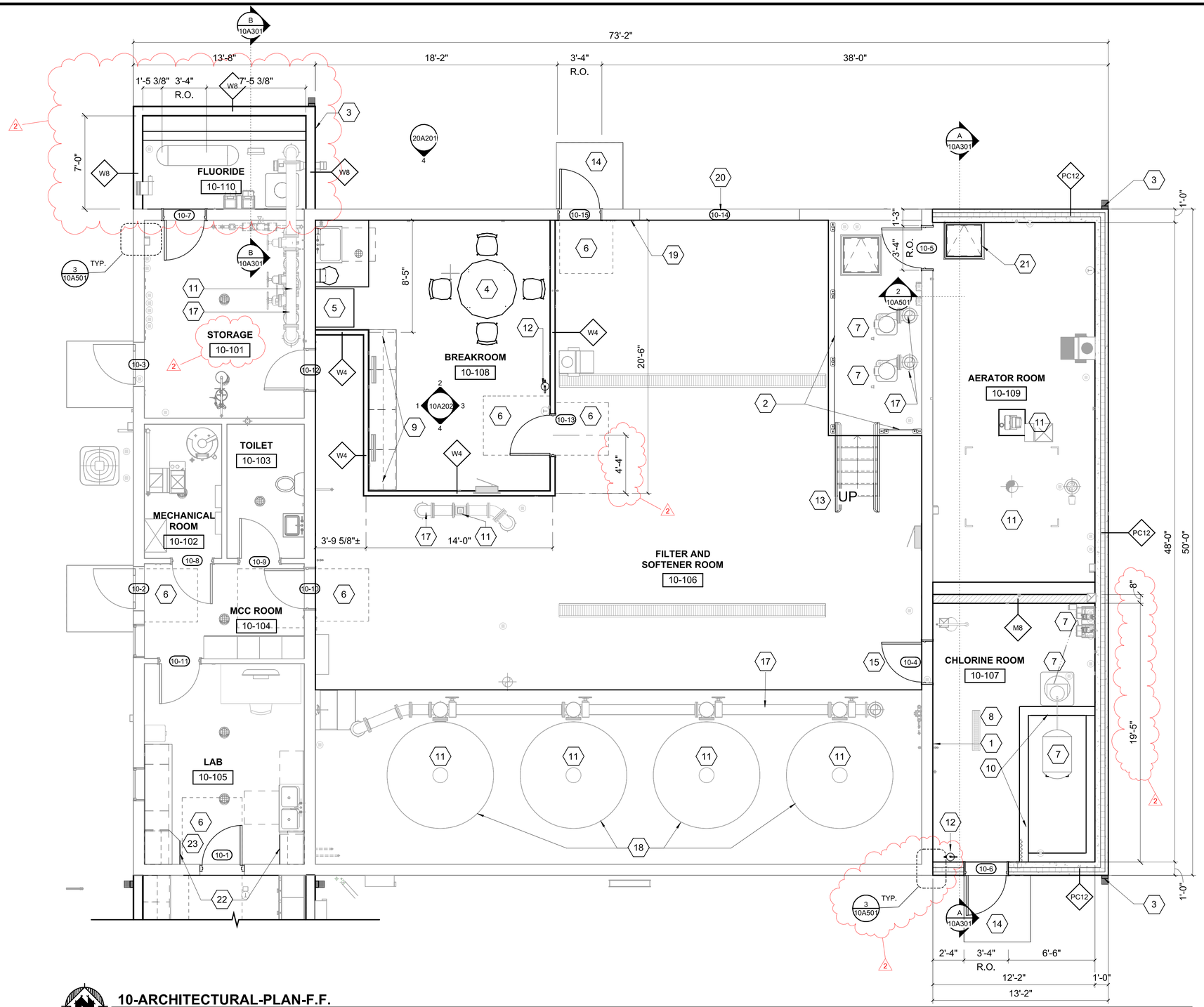
WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

OVERALL FACILITY - STR 10 AND STR 20 MEZZANINE LIFE SAFETY PLAN / CODE INFORMATION

PROJECT NO. 13603016
SHEET 10A101

PLOT DATE: 8/20/2025 9:15:49 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_ TIFFIN WTP_SAP.rvt

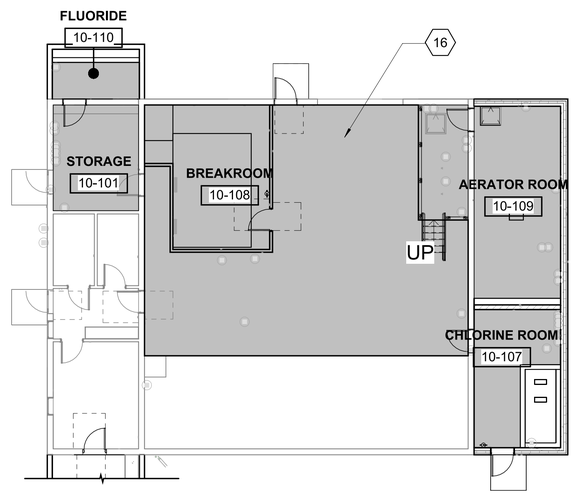


KEY NOTES

1. REMOVE EXISTING STEEL FACE AND REPLACE WITH GYPSUM BOARD & FRP SURFACE LAMINATED TO PLYWOOD.
2. ALUMINUM GUARD RAIL - SEE DETAIL 8/99A504
3. DOWNSPOUT LOCATION, CONNECT INTO STORM DRAIN - SEE YARD PIPING PLAN
4. TABLE AND CHAIRS BY OWNER (NIC)
5. DEDICATED SPACE FOR REFRIGERATOR (NIC)
6. DASHED LINE INDICATES ADA REQUIRED CLEAR AREA, FOR GRAPHIC PURPOSES ONLY - TYP.
7. PROCESS MECHANICAL EQUIPMENT OR PIPE, TYP - SEE PROCESS
8. TRENCH DRAIN - SEE PLUMBING
9. COUNTER W/ CABINETS BELOW AND WALL HUNG CABINETS - SEE INTERIOR ELEVATIONS
10. SECONDARY CONTAINMENT AREA FOR CHEMICAL
11. EXISTING PROCESS MECHANICAL EQUIPMENT OR PIPE, TYP - SEE PROCESS
12. FIRE EXTINGUISHER w/ WALL BRACKET. MOUNT TOP AT MAX 48" AFF.
13. ALUMINUM STAIRS AND GUARDRAIL - SEE DETAIL 4/99A502
14. CONCRETE STOOP - SEE FOUNDATION PLAN
15. REUSE EXISTING DOOR. TAKE DOOR OUT OF OPENING AND ROTATE 180-DEGREES. REMOVE LOCKSET AND ADD PANIC DEVICE. CHANGE OUT THRESHOLD AND REPLACE WEATHERSTRIPPING. REPLACE DOOR CLOSER.
16. APPLY EPOXY COATING TO SHADED AREAS AS INDICATED
17. EPOXY COAT ALL EXISTING PIPING, VALVES, AND FITTINGS THAT ARE TO REMAIN
18. EPOXY COAT EXISTING FILTERS
19. EPOXY FLOOR LIMITS (GRAPHICAL - TYP.)
20. SECTIONAL OVERHEAD DOOR TO BE REPLACED. OPERATOR AND TRACK SYSTEM TO REMAIN AS-IS
21. 2'-3" x 2'-6" STAINLESS STEEL ACCESS HATCH WITH BOLT IN FRAME
22. SALVAGE AND RE-USE EPOXY COUNTERTOP AS END PANELS FOR MILLWORK CLOSURE PANELS
23. PROVIDE MINIMUM 18" CLEAR FROM FINISHED CASEWORK TO DOOR OPENING.

10-ARCHITECTURAL-PLAN-F.F.

1/4" = 1'-0" (22" x 34") 0 2 4 8
1/8" = 1'-0" (11" x 17")



EPOXY FLOORING PLAN

NONE

PROJECT DATE:	AUG 5, 2024	DRAWN BY:	JBR
		DESIGNED BY:	JBR
		CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	3/27/25	ADDENDUM #1	EC
2	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

EXISTING WTP
PROPOSED FLOOR PLAN

PROJECT NO. 13603016
SHEET 10A102

PLOT DATE: 8/20/2025 9:16:43 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN_WTP_SAP.rvt

KEY NOTES

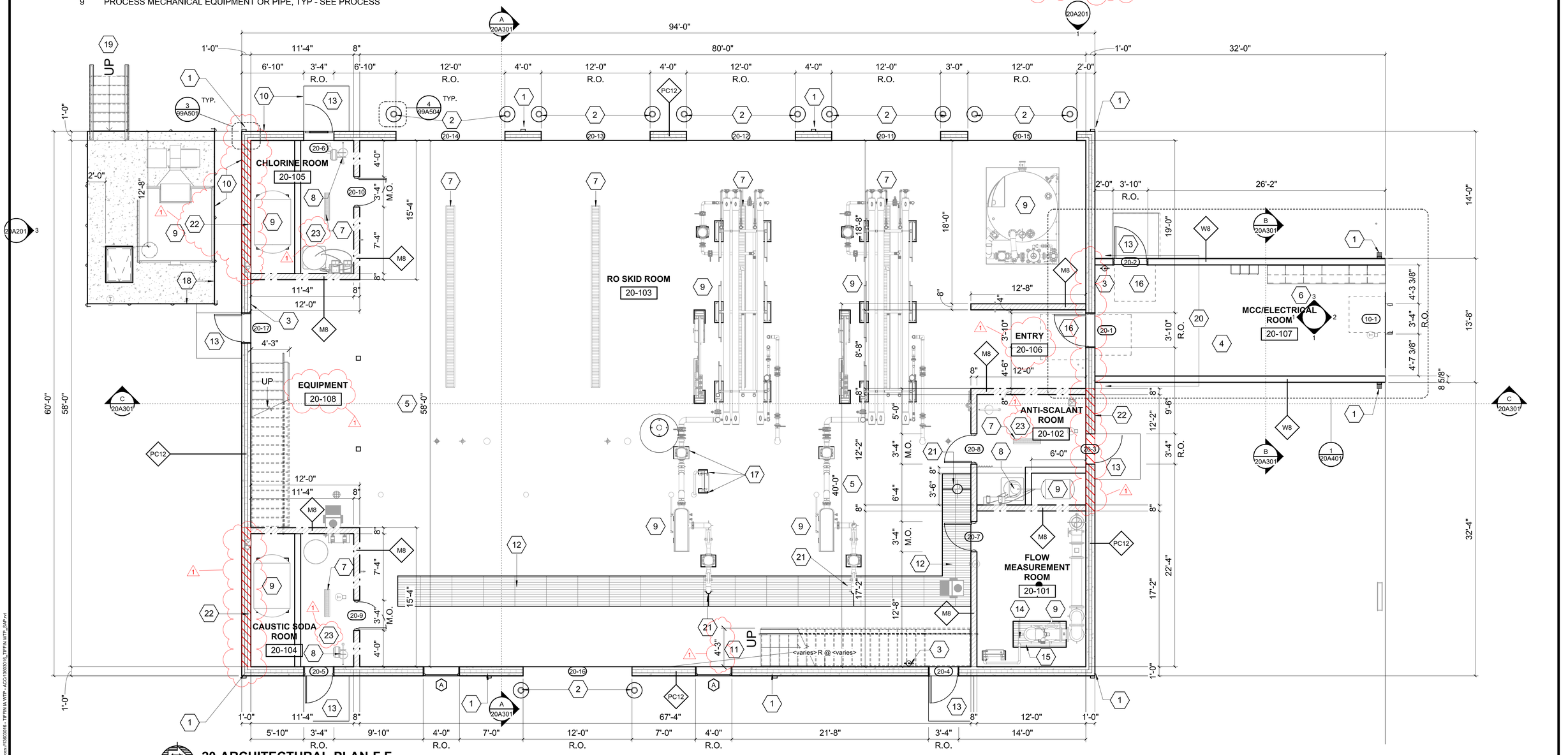
1 DOWNSPOUT LOCATION, CONNECT INTO STORM DRAIN - SEE YARD PIPING PLAN
2 PAINTED PIPE BOLLARD - DETAIL 5/99S504
3 FIRE EXTINGUISHER w/ WALL BRACKET. MOUNT TOP AT MAX 48" AFF.
4 MOTOR CONTROL CENTER - SEE ELECTRICAL
5 MEZZANINE ABOVE THIS AREA
6 COUNTER W/ CABINETS BELOW AND WALL HUNG CABINETS - SEE INTERIOR ELEVATIONS
7 TRENCH DRAIN - SEE PLUMBING
8 EMERGENCY SAFETY STATION (EYE/FACE WASH AND DRENCH SHOWER) -SEE PLUMBING
9 PROCESS MECHANICAL EQUIPMENT OR PIPE, TYP - SEE PROCESS

KEY NOTES

10 1/2" EXPANSION JOINT MATERIALS w/ REMOVABLE CAP AND SELF-LEVELING SEALANT BETWEEN SIDEWALK, BUILDING AND STOOP FOUNDATION, TYP
11 WOOD FRAMED STAIRS W/ GUARDRAIL AND HANDRAIL. SEE DETAIL 1/99A501
12 HD PULTRUDED FIBERGLASS GRATING OVER PIPE GALLERY
13 CONCRETE STOOP - SEE FOUNDATION PLAN
14 SUMP LOCATION - SEE STRUCTURAL
15 FIBERGLASS GRATING OVER PIPE GALLERY

KEY NOTES

16 DASHED LINE INDICATES ADA REQUIRED CLEAR AREA, FOR GRAPHIC PURPOSES ONLY - TYP.
17 PROCESS EQUIPMENT PAD, TYP. - SEE STRUCTURAL
18 ALUMINUM GUARD RAIL - SEE DETAIL
19 ALUMINUM STAIRS AND GUARDRAIL - SEE DETAIL
20 PRECAST EXTERIOR FACE TO HAVE SMOOTH FINISH 6" PAST EXTERIOR WALLS AND 3" ABOVE REGLET FLASHING ABOVE ROOFLINE IN THIS AREA
21 PROVIDE SPLIT GRATING AT PIPE PENETRATIONS FOR REMOVAL PURPOSES
22 SHADED AREA OF PRECAST TO HAVE 1-HOUR FIRE RATING
23 1-HOUR RATED ROOM



20-ARCHITECTURAL-PLAN-F.F.

3/16" = 1'-0" (22" x 34")
3/32" = 1'-0" (11" x 17")
0 2 4 8 12

PROJECT DATE:	AUG 5, 2024	DRAWN BY:	JBR
		DESIGNED BY:	JBR
		CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

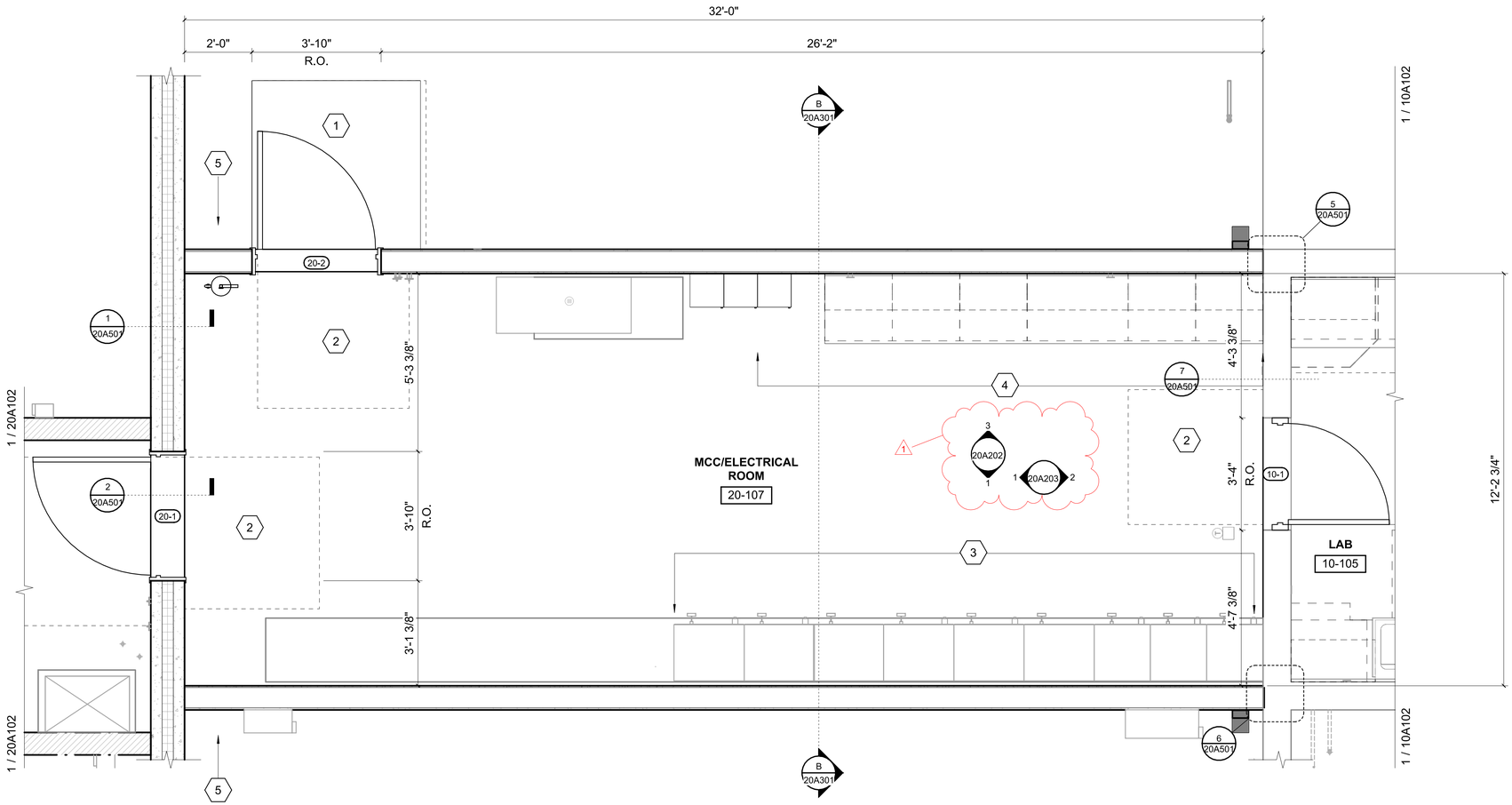
RO BUILDING ARCHITECTURAL FLOOR PLAN

PROJECT NO. 13603016
SHEET 20A101

PLOT DATE: 8/20/2025 9:15:51 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

KEY NOTES - PROPOSED

1. CODE REQUIRED ACCESSIBLE EXIT - (2) REQUIRED FOR THIS AREA (THEY ARE SEPARATED BY MORE THAN 1/2 THE DIAGONAL DISTANCE OF THE SPACE). PROVIDE ILLUMINATED EXIT SIGN ABOVE DOOR AND TACTILE SIGN ON WALL ADJACENT TO LATCH.
2. NOT A CODE REQUIRED EXIT
3. CODE REQUIRED SINGLE EXIT FOR THIS SPACE, NON-ACCESSIBLE EXIT (SPACE IS "MECHANICAL" EQUIPMENT AND IS NOT REQUIRED TO BE ACCESSIBLE)
4. CODE REQUIRED ACCESSIBLE EXIT - A SINGLE EXIT IS REQUIRED FOR EXISTING BUILDING (EXCEPT LAB AND CHLORINE ROOM). COMMON PATH OF TRAVEL < 75' AND OCCUPANT LOAD IS < 30.
5. CODE REQUIRED SINGLE EXIT FOR MCC, MECHANICAL, AND TOILET ROOMS



20-ARCHITECTURAL-ENLARGED VIEW-MCC/ELECTRICAL ROOM

1/2" = 1'-0" (22" x 34")
1/4" = 1'-0" (11" x 17")
0 1 2 4

PROJECT DATE:	AUG 5, 2024
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DESIGNED BY:	JBR
CHECKED BY:	CWW

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1	8/19/2025	PLAN REVIEW COMMENTS	CWW

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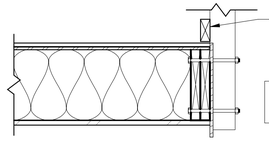
RO BUILDING
ARCHITECTURAL ENLARGED VIEWS

PROJECT NO. 13603016
SHEET 20A401

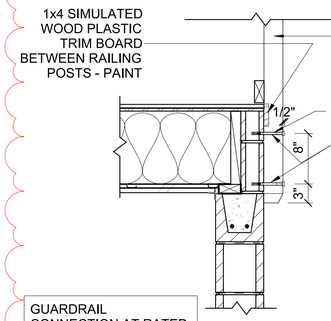
PLOT DATE: 8/20/2025 9:15:52 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

NOTES:
1. CONSTRUCT GUARD RAIL THE LENGTH OF THE STAIRS AND CONNECT TO MEZZANINE PERIMETER GUARD RAIL AT TOP OF STAIRS.
2. FASTEN THE LUMBER TOGETHER WITH SCREWS.
3. PAINT THE GUARD RAIL.
4. CONSTRUCT GUARD RAIL THE FULL PERIMETER OF THE MEZZANINE PLATFORM ON SIDES THAT DO NOT HAVE A CMU OR PRECAST WALL. AT ONE LOCATION ON THE SOUTH GUARD RAIL LEAVE A 4 FOOT WIDE AREA WITH NO RAILS AND NO TOE KICK. PROVIDE A REMOVAL CHAIN AT THE TOP AND MID RAIL LOCATIONS.

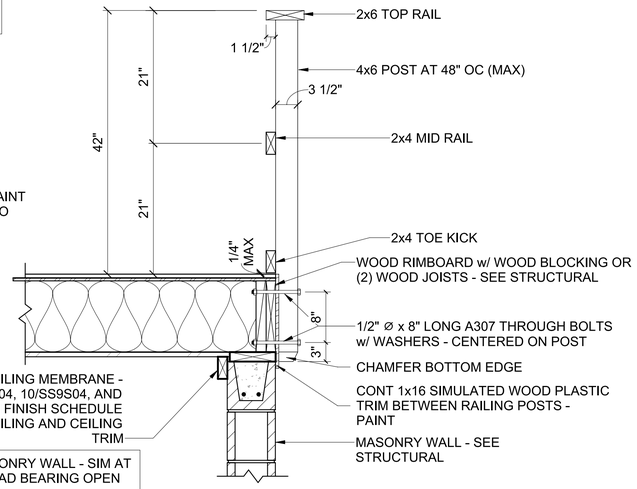


SEE NON-RATED WALL FOR TYPICAL CONSTRUCTION

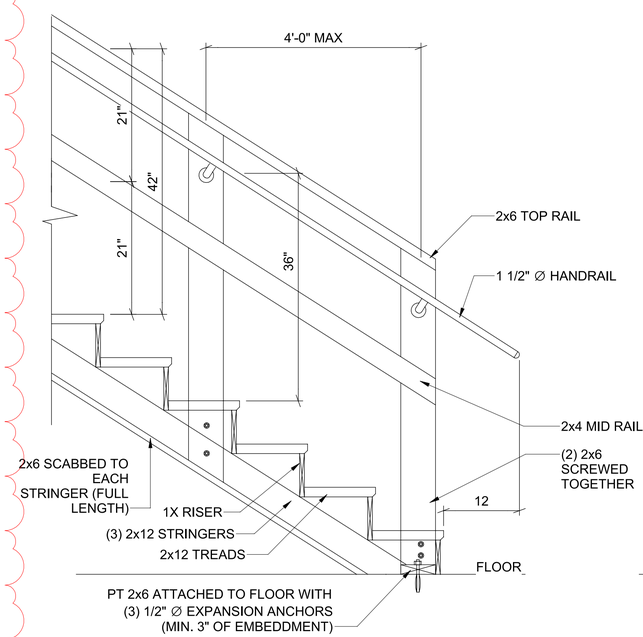
GUARDRAIL CONNECTION AT MEZZANINE OPEN EDGE



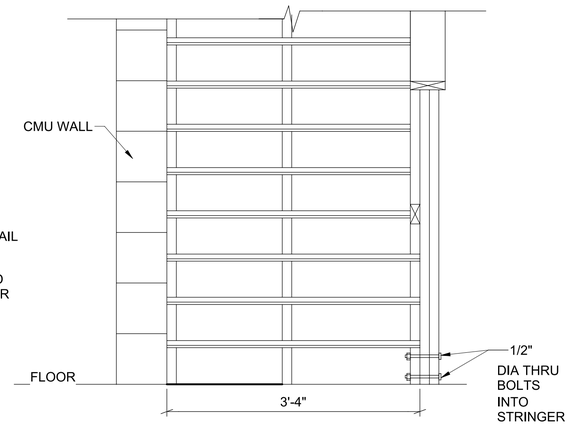
GUARDRAIL CONNECTION AT RATED MASONRY WALL



AT NON-RATED MASONRY WALL - SIM AT MEZZANINE NON-LOAD BEARING OPEN EDGE



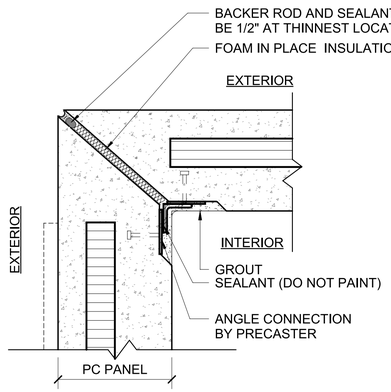
SECTION



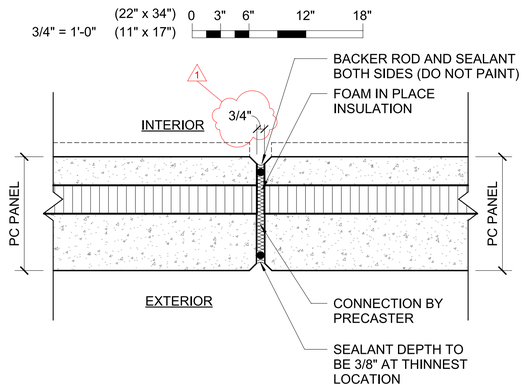
ELEVATION

1 MEZZANINE GUARDRAIL AND STAIR DETAILS
99A501 NOT TO SCALE

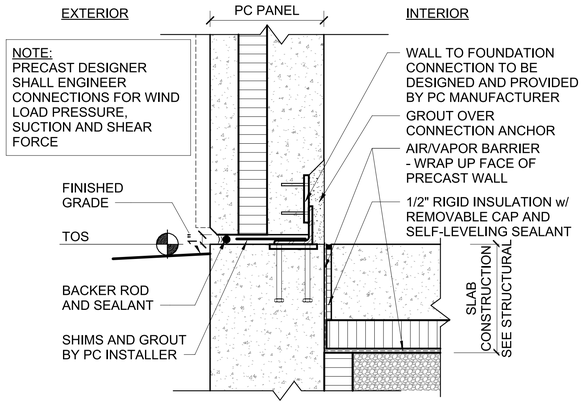
2 TYPICAL PRECAST PANEL TO PANEL DETAIL
99A501 1 1/2" = 1'-0"



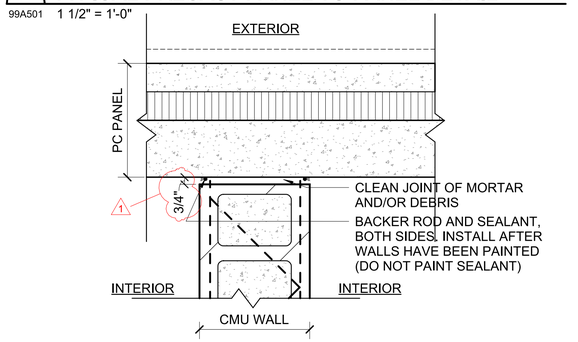
3 TYPICAL PC WALL PANEL CORNER JOINT DETAIL
99A501 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
3/4" = 1'-0" (11" x 17")



4 TYPICAL PC WALL PANEL JOINT DETAIL
99A501 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
3/4" = 1'-0" (11" x 17")



5 TYPICAL BASE OF EXTERIOR PC WALL DETAIL
99A501 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
3/4" = 1'-0" (11" x 17")



6 TYPICAL CMU WALL/PC WALL PANEL INTERSECTION CONTROL JOINT (CJ) DETAIL
99A501 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
3/4" = 1'-0" (11" x 17")

PROJECT DATE:	AUG 5, 2024
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DESIGNED BY:	ECA
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TYPICAL DETAILS AND SCHEDULE
TYPICAL ARCHITECTURAL DETAILS

PROJECT NO. 13603016
SHEET 99A501

PLOT DATE: 8/20/2025 9:15:02 AM plotted Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

DOOR SCHEDULE

REMARKS

1. UNDERCUT DOOR 3/4 INCH
2. SET THRESHOLD IN A BEAD OF SEALANT.
3. TRACK AND HARDWARE SUPPLIED BY DOOR MANUFACTURER.
4. OH DOOR SIZE SCHEDULED IS OPENING SIZE. ACTUAL OH DOOR SIZE SHALL BE 2" WIDER AND 1" TALLER.
5. HS: POWDER COAT NOT REQUIRED ON PANIC DEVICE.
6. INSTALL WARNING SIGN TO EXTERIOR OF DOOR (OUTSIDE OF ROOM) AFTER PAINTING IS COMPLETE
7. HS FURNISH CLOSER w/ SRI PRIMER AND POWDER COAT FINISH.

OPENING No	DOOR TYPE	DOOR MAT'L	NOMINAL SIZE WIDTH	NOMINAL SIZE HEIGHT	NOMINAL SIZE THICKNESS	FRAME TYPE	FRAME MAT'L	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	HW SET	GLASS TYPE	FIRE RATING	REMARKS	FROM ROOM	TO ROOM
10 EXISTING WTP																
10-1	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-2	H.M.				HS#5	-	-		10-105-LAB	20-107 ELECTRICAL ROOM
10-4	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#7	A	-	6.	10-107 CHLORINE ROOM	10-107-CHLORINE ROOM
10-5	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#5	A	-		10-109-AERATOR ROOM	10-106 FILTER/SOFTENER
10-6	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#2	A	-	1.6.7	10-107-CHLORINE ROOM	EXTERIOR
10-7	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#3	A	-	6.	10-101-STORAGE	10-110-FLUORIDE
10-13	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#6	-	-		10-108-BREAKROOM	10-106 FILTER/SOFTENER
10-14	D	STEEL	12' - 0"	10' - 0"			STEEL					-	-	3.4	10-106 FILTER/SOFTENER	EXTERIOR
10-15	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#1	A	-		10-106 FILTER/SOFTENER	EXTERIOR
20 RO BUILDING																
20-1	A	H.M.	3' - 6"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#5	-			20-107 ELECTRIC ROOM	20-106-ENTRY
20-2	B	H.M.	3' - 6"	7' - 0"	1 3/4"	F-1	H.M.				HS#2	A	-	1.5	20-107 ELECTRIC ROOM	EXTERIOR
20-3	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#2	A	-	1. 6. 7.	20-102-ANTI-SCALANT ROOM	EXTERIOR
20-4	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.				HS#1	A	-	1	20-103-RO SKID ROOM	EXTERIOR
20-5	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#2	A	-	1. 6. 7.	20-104-CAUSTIC SODA ROOM	EXTERIOR
20-6	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#2	A	-	1. 7.	20-105 CHLORINE ROOM	20-105-CHLORINE ROOM
20-7	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	3/99A503	7/99A503		HS#5	-	-		20-103-RO SKID ROOM	20-101-FLOW MEASUREMENT ROOM
20-8	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	3/99A503	7/99A503		HS#4	-	1-HOUR	6. 7.	20-103-RO SKID ROOM	20-102-ANTI-SCALANT ROOM
20-9	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	3/99A503	7/99A503		HS#4	-	1-HOUR	6. 7.	20-104-CAUSTIC SODA ROOM	20-103-RO SKID ROOM
20-10	A	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	2/99A503	7/99A503		HS#4	-	1-HOUR	6. 7.	20-105-CHLORINE ROOM	20-103-RO SKID ROOM
20-11	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-12	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-13	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-14	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-15	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-16	D	STEEL	12' - 0"	12' - 0"		-	STEEL	2/99A503	6/99A503	7/99S501		-	-	3. 4.	20-103 RO SKID ROOM	EXTERIOR
20-17	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#1	A	-		20-108-EQUIPMENT	EXTERIOR
30 HIGH SERVICE PUMPS & CLEARWELL																
30-1	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#1	A	-		30-101-PUMP ROOM	EXTERIOR
30-2	B	H.M.	3' - 0"	7' - 0"	1 3/4"	F-1	H.M.	1/99A503	5/99A503	8/99S501	HS#1	A	-		30-101-PUMP ROOM	30-101-PUMP ROOM

ROOM FINISH SCHEDULE

GENERAL NOTES
A. PAINT ALL EXPOSED PIPES, CONDUIT, DUCTWORK, ETC.

REMARKS

1. EXISTING ROOM. ONLY CHANGES ARE AS NOTED IN SCHEDULE.
2. 1-HOUR RATED INTERIOR CONSTRUCTION
3. 1-HOUR RATED CEILING CONSTRUCTION - SEE DETAILS 9/99S504 AND 9910/S504
4. 1-HOUR RATED EXTERIOR WALL CONSTRUCTION
5. PROVIDE 1X2 SIMULATED WOOD TRIM AT CEILING PERIMETER - PAINT.

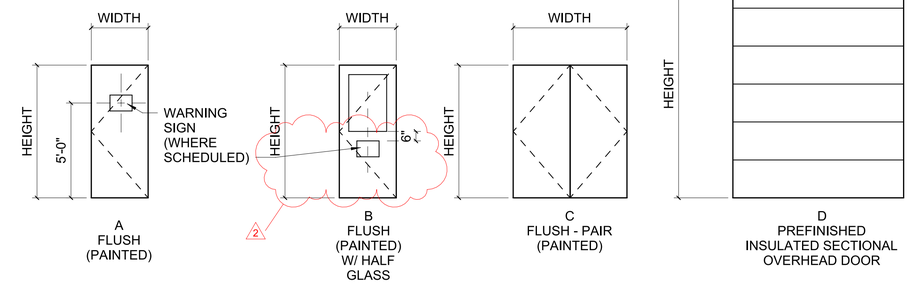
LEGEND

-FLOOR-
CS: CONCRETE - STEEL TROWELED SMOOTH FINISH - CURE AND SEAL
EF: CONCRETE - STEEL TROWELED SMOOTH FINISH AT NEW FLOORS - EPOXY FLOORING
G: ALUMINUM GRATING
FG: FIBERGLASS GRATING
PLY: PLYWOOD - PAINT
-BASE-
-: NONE
VB: 4" HIGH VINYL

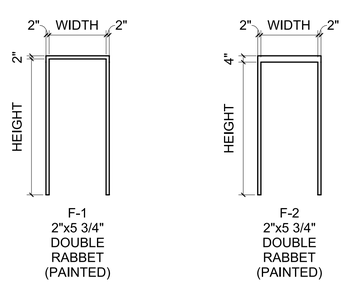
-WALLS-
PT: PRECAST CONCRETE OR CMU - PAINT (PROVIDE BLOCK FILLER)
GB: 5/8" GYPSUM BOARD PAINTED WITH ORANGE PEEL TEXTURE
CMU: CONCRETE MASONRY UNIT - PAINT (PROVIDE BLOCK FILLER)
GB/FRP: SURFACE LAMINATED TO PLYWOOD OVER 5/8" GYPSUM BOARD
-CEILINGS-
PT: PRECAST CONCRETE - EPOXY PAINT (PROVIDE BLOCK FILLER)
GB: 5/8" GYPSUM BOARD PAINTED WITH ORANGE PEEL TEXTURE
GB/FRP: FRP LAMINATED TO PLYWOOD AND PLASTIC TRIM OVER 5/8" GYPSUM BOARD
FRP: FRP LAMINATED TO PLYWOOD AND PLASTIC TRIM

ROOM No.	ROOM NAME	FLOOR	BASE	WALL NORTH	WALL EAST	WALL SOUTH	WALL WEST	CEILING MAT'L	CEILING HEIGHT	REMARKS
10 EXISTING WTP										
10-101	STORAGE	EF								1.
10-102	MECHANICAL ROOM									
10-103	TOILET									
10-104	MCC ROOM									
10-105	LAB									
10-106	FILTER & SOFTENER ROOM	EF								1.
10-107	CHLORINE ROOM	EF	NONE	CMU				GB/FRP	VARIES	
10-108	BREAKROOM	EF	VB	GB	GB	GB	GB	GB	SEE PLAN	
10-109	AERATOR ROOM	EF	NONE	PT	GB/FRP	GB/FRP	GB/FRP	GB/FRP	VARIES	
10-110	FLUORIDE	EF	NONE	GB/FRP	GB/FRP	GB/FRP	GB/FRP	GB/FRP	SEE PLAN	
20 RO BUILDING										
20-101	FLOW MEASUREMENT ROOM	EF	NONE	PT	PT	CMU	CMU	FRP	SEE PLAN	5.
20-102	ANTI-SCALANT ROOM	EF	NONE	PT	CMU	CMU	CMU	GB/FRP	SEE PLAN	2.3.4
20-103	RO SKID ROOM	EF	NONE	PT/CMU	PT	PT/CMU	PT	PT	SEE PLAN	
20-103	RO SKID ROOM	EF	NONE	CMU	PT	PT/CMU	PT	PT	SEE PLAN	
20-104	CAUSTIC SODA ROOM	EF	NONE	CMU	CMU	PT	PT	GB/FRP	SEE PLAN	2.3.4
20-105	CHLORINE ROOM	EF	NONE	CMU	PT	PT	CMU	GB/FRP	SEE PLAN	2.3.4
20-106	ENTRY	EF	NONE		CMU	PT	CMU	GB	SEE PLAN	5
20-107	MCC/ELECTRICAL ROOM	EF	NONE	GB	GB	GB	GB	GB	SEE PLAN	
20-108	EQUIPMENT	EF	NONE	PT	CMU		CMU	GB	SEE PLAN	5
20-201	MEZZANINE	PLY	NONE		PT	PT	PT	PT	SEE PLAN	
20-202	MEZZANINE	PLY	NONE	PT	PT			PT	SEE PLAN	
30 HIGH SERVICE PUMPS & CLEARWELL										
30-101	PUMP ROOM	EF	NONE	PT	PT	PT	PT	FRP	SEE PLAN	

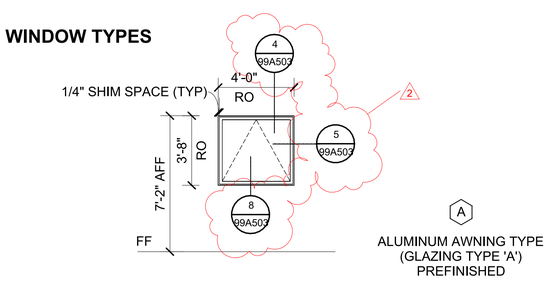
DOOR TYPES



FRAME TYPES



WINDOW TYPES



PROJECT DATE:	AUG 5, 2024
DRAWN BY:	JBR
DESIGNED BY:	JBR
CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	3/27/25	ADDENDUM #1	EC
2	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

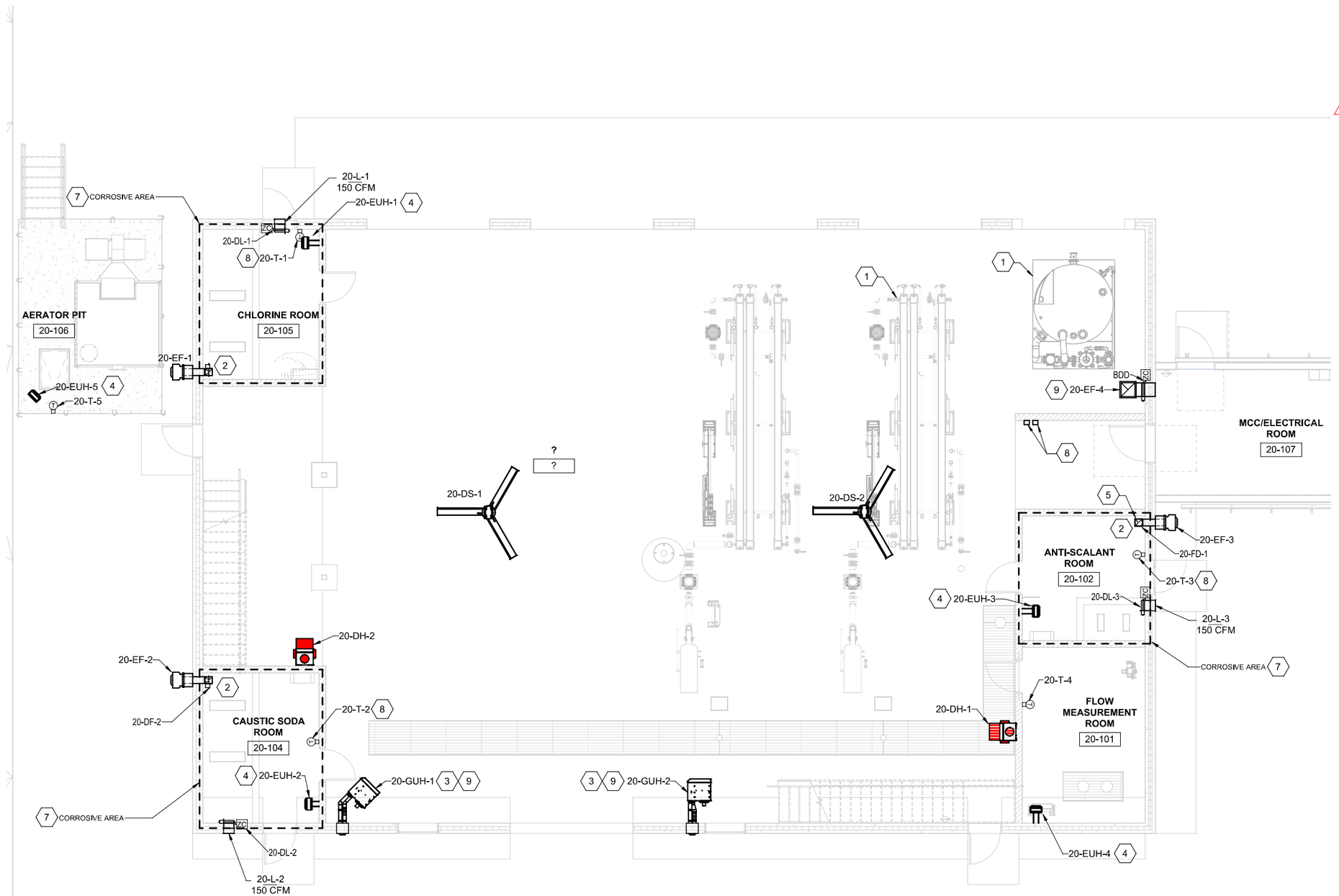
TYPICAL DETAILS AND SCHEDULE
ARCHITECTURAL SCHEDULES

PROJECT NO. 13603016
SHEET 99A601

PLOT DATE: 8/20/2025 9:15:53 AM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

KEY NOTES (#)

1. PROCESS EQUIPMENT/PIPING, TYP - SEE PROCESS MECHANICAL.
2. ROUTE DUCT DOWN TO 12-INCHES AFF. TERMINATE WITH ALUMINUM SCREEN. RUN DUCT TIGHT ALONG WALL AND CEILING.
3. RUN COMBUSTION AIR AND FLUE VENT PIPING AS SHOWN. PROVIDE CONCENTRIC VENT KIT AS CLOSE TO EXTERIOR WALL AS POSSIBLE. RUN SINGLE VENT THROUGH WALL AND TERMINATE PER MFR INSTRUCTIONS. PROVIDE WEATHER AND VAPOR TIGHT SEAL AT WALL PENETRATION. ROUTE AS HIGH AS POSSIBLE.
4. BOTTOM OF ELECTRIC UNIT HEATER SHALL BE MOUNTED 8'-0" A.F.F.
5. PROVIDE FIRE DAMPER AND FIRESTOPPING AT CEILING PENETRATION.
6. CONNECT GAS TO NEW HVAC EQUIPMENT. PROVIDE DIRT LEG, SHUTOFF VALVE, AND REGULATOR. REGULATE DOWN TO MANUFACTURER RECOMMENDED OPERATING PRESSURE.
7. ALL EQUIPMENT, ACCESSORIES, AND WORK IN THIS AREA SHALL BE SUITABLE FOR A CORROSIVE (NEMA 4X) ENVIRONMENT.
8. INSTALL CONTROL DEVICE AT 3'-6" AFF.
9. ROUTE EXHAUST DUCTWORK FROM MCC/ELECTRICAL ROOM WITH SCREEN INTO RO SKID ROOM. ELBOW UP AND CONNECT TO FAN. SUPPORT FAN FROM WALL. TERMINATE FAN WITH 6-INCHES OF DUCTWORK AND SCREEN.



20-HVAC PLAN

3/16" = 1'-0"(22" x 34") 0 2 4 8 12
3/32" = 1'-0" (11" x 17")

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PROJECT DATE: AUG 5, 2024	DRAWN BY: RJS		2	8/19/2025	PLAN REVIEW COMMENTS	CWW
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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

RO BUILDING HVAC PLAN

PROJECT NO. 13603016
SHEET 20H101

PLOT DATE: 8/20/2025 1:46:17 PM J:\Projects\Docs\13603016 - TIFFIN IA WTP - ACC\13603016_TIFFIN WTP_HVAC.rvt

EXHAUST FANS - INLINE (EF)

TAG	SERVICE	VOLUME (CFM)	EXT. S.P. (IN W.G.)	MOTOR			MANUF. MODEL	DUCT CONNECTION SIZE	WEIGHT (LBS)	COMMENTS
				HP	DRIVE	MOUNTING				
10-EF-3	CHEMICAL STORAGE 10-101	60	0.31 in-wg	0.025	DIRECT	SUSPENDED	GREENHECK SQ-60	9"x9"	28	1, 2, 4, 10
20-EF-4	MCC/ELECTRICAL ROOM 20-107	1,000	0.28 in-wg	0.17	DIRECT	SUSPENDED	GREENHECK SQ-120	16"x16"	58	1, 2, 4

SIDEWALL FANS - (EF)

UNIT NO.	SERVICE	CFM OF STD. AIR	EXT. S.P. IN IN. WATER	MOTOR HP	DRIVE	FAN DIA	MOTOR TYPE	MANUF. MODEL
10-EF-1	STILLING WELL ROOM 10-109	335	0.25 in-wg	0.1	DIRECT	0' - 10 7/8"	ECPM	GREENHECK CUE-090-VG
10-EF-2	CHLORINE ROOM 10-107	300	0.25 in-wg	0.07	DIRECT	0' - 8 1/8"	ECPM	GREENHECK CUE-070-VG
20-EF-1	CHLORINE ROOM 20-105	150	0.25 in-wg	0.07	DIRECT	0' - 8 1/8"	ECPM	GREENHECK CUE-070-VG
20-EF-2	CAUSTIC SODA ROOM 20-104	150	0.25 in-wg	0.07	DIRECT	0' - 8 1/8"	ECPM	GREENHECK CUE-070-VG
20-EF-3	ANTI-SCALANT ROOM 20-102	150	0.25 in-wg	0.07	DIRECT	0' - 8 1/8"	ECPM	GREENHECK CUE-070-VG

SPLIT SYSTEM HEAT PUMP UNITS (SS)

TAG	INDOOR UNITS				OUTDOOR UNITS NOM. CAP. TONS	WEIGHT (LBS)	MIN. SEER	OPERATING TEMP.	MANUF. MODEL	COMMENTS
	SERVICE	TYPE	VOLUME (CFM)	COOLING CAP. (BTU)						
20-SS-1	MCC/ELECTRICAL ROOM 20-107	WALL	300	33,000	3	133	15	0-115	CARRIER 37MAHA	1, 2, 4, 5
30-SS-1	PUMP ROOM 30-101	WALL	300	33,000	3	133	15	0-115	CARRIER 37MAHA	1, 2, 4, 5

ELECTRIC UNIT HEATERS (EUH)

UNIT NO.	SERVICE	TYPE	CAP. KW	CAP. MBH	CFM OF STD. AIR	MOTOR HP	MOTOR RPM	SPEED	DIFFUSER	ELEV. ABOVE FIN. FL.	MANUF. MODEL	COMMENTS
10-EUH-1	STILLING WELL ROOM	HORIZ.	8 W	25.6	650 CFM	0.03	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
10-EUH-2	CHLORINE ROOM 10-107	HORIZ.	8 W	25.6	650 CFM	0.03	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
20-EUH-1	CHLORINE ROOM 20-105	HORIZ.	5 W	17	350 CFM	0.01	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
20-EUH-2	CAUSTIC SODA ROOM 20-104	HORIZ.	5 W	17	350 CFM	0.01	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
20-EUH-3	ANTI-SCALANT ROOM 20-102	HORIZ.	5 W	17	350 CFM	0.01	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
20-EUH-4	FLOW MEASUREMENT ROOM 20-101	HORIZ.	3 W	10.2	350 CFM	0.01	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9
20-EUH-5	AERATOR PIT 20-106	HORIZ.	3 W	10.2	350 CFM	0.01	1600	1	HORIZ.	8' - 0"	QMARK MUH	1, 2, 9

GRILLE SCHEDULE

TAG	SERVICE	CONNECTION SIZE	AIR PATTERN	MANUF. MODEL	COMMENTS
10-RG-1	RETURN GRILLE	12x12	EGGCRATE	PRICE 80	
10-SG-1	PLAQUE DIFFUSER	12x12	4-WAY	PRICE SPD	

EQUIPMENT ELECTRICAL INFORMATION

DESCRIPTION	MCA	MOTOR HP	VOLTAGE	PHASE	FLA	KW	REMARKS
10-CU-1			208	1			
10-DS-1		0.75	120	1			
10-EF-1		0.10	0	1			
10-EF-2		0.07	120	1			
10-EF-3		0.03	120	1			
10-EUH-1		0.03	480	3		7.5	1, 2, 9
10-EUH-2		0.03	480	3		7.5	1, 2, 9
10-EWH-1			120	1		1.5	
10-F-1		0.50	120	1			
10-IR-1			120	1			EXISTING
10-IR-2			120	1			EXISTING
20-DS-1		0.75	120	1			
20-DS-2		0.75	120	1			
20-EF-1		0.07	120	1			
20-EF-2		0.07	120	1			
20-EF-3		0.07	120	1			
20-EF-4		0.17	120	1			
20-EUH-1		0.01	480	3		5	1, 2, 9
20-EUH-2		0.01	480	3		5	1, 2, 9
20-EUH-3		0.01	480	3		5	1, 2, 9
20-EUH-4		0.01	480	3		3	1, 2, 9
20-EUH-5		0.01	480	3		3	1, 2, 9
20-GUH-1		0.02	120	1			
20-GUH-2		0.02	120	1			
20-SS-1			208	1			
30-SS-1			208	1			
EX FAN		0.00	0	1			

AIR COOLED COMPRESSOR-CONDENSING UNITS

UNIT NO.	COMPRESSOR							CONDENSER						VIBRATION ISOLATORS		DESIGN DIMENSIONS				MANUF. MODEL
	SERVICE	NO. OF COMP.	NOM. CAP. TONS	REF. TYPE	% CAP. STEPS OF REDUCTION	EER	SEER	CFM OF STD. AIR	ENT. AIR TEMP.	NO. OF FANS	FAN TYPE	DRIVE	SUPPORT	TYPE	MIN. STATIC DEFLECT.	LENGTH	WIDTH	HEIGHT	WEIGHT LBS.	
10-CU-1	10-F-1	1	3	R410A	MODULATING	12.5	18	4269 CFM	95 °F	1	PROP.	DIRECT	POLYPAD	SPRING	0' - 1"	2' - 11"	3' - 0"	3' - 8"	350	CARRIER 24VNA-036

DAMPER SCHEDULE (D)

TAG	SERVICE	HEIGHT	WIDTH	MFR. MODEL	ACTUATOR		RUN TIME	BLADE TYPE	FAIL POSITION	END SWITCH	COMMENTS
					ELECTRIC	POWER					
10-DF-1	10-DF-1	8"	8"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	CLOSED	NO	3, 10
10-DF-2	10-DF-2	8"	8"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	CLOSED	NO	3, 10
10-DL-1	10-DL-1	18"	18"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	CLOSED	NO	3, 10
10-DL-2	10-DL-2	16"	16"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-DF-1	20-DF-1	8"	8"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-DF-2	20-DF-2	8"	8"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-DL-1	20-DL-1	12"	12"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-DL-2	20-DL-2	12"	12"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-DL-3	20-DL-3	12"	12"	TAMCO 9000	BELIMO NFBUP	120	NORMAL	PARALLEL	OPEN	NO	3, 10
20-FD-1	20-FD-1			GREENHECK FD-150	NONE	NONE	NONE	N/A	CLOSED	NO	
20-FD-2	BDD	16"	16"	TAMCO 9000	BELIMO NFBUP	120					

FURNACES (F)

UNIT NO.	SERVICE	CFM OF STD. AIR	MOTOR HP	EXT. S.P. IN IN. WATER	GAS TYPE	GAS PRESS. IN SPIG	GAS INPUT BTU	GAS OUTPUT BTU	COOLING CAP. BTU	SUPPORT	MANUF. MODEL
10-F-1	STR 10	1250 CFM	0.5	0.00 in-wg	NAT. GAS	2.00 psi	60000.0 Btu/h	58000.0 Btu/h	3.0 ton		CARRIER 59TP5

LOUVER SCHEDULE (L)

TAG	SERVICE	NOM. WIDTH (IN.)	NOM. HEIGHT (IN.)	CFM	FREE AREA (FT2)	DESIGN VELOCITY (FPM)	STATIC PRESSURE (IN W.C.)	MANUF. MODEL	COMMENTS
10-L-1	CHLORINE ROOM 10-107	18"	18"	335 CFM	0.8	1000 FPM	0.03	RUSKIN ELF6375DX	
10-L-2	STILLING WELL ROOM 10-109	16"	16"	300 CFM	0.6	1000 FPM	0.04	RUSKIN ELF6375DX	
20-L-1	CHLORINE ROOM 20-105	12"	12"	150 CFM	0.2	1000 FPM	0.08	RUSKIN ELF6375DX	
20-L-2	CAUSTIC SODA ROOM 20-104	12"	12"	150 CFM	0.2	1000 FPM	0.08	RUSKIN ELF6375DX	
20-L-3	ANTI-SCALANT ROOM 20-102	12"	12"	150 CFM	0.2	1000 FPM	0.08	RUSKIN ELF6375DX	

ELECTRIC WALL HEATERS (EWH)

UNIT NO.	SERVICE	CABINET			CAP. WATTS	CAP. BTU	RECESS	INTEGRAL STAT	MANUF. MODEL	COMMENTS
		W	H	D						
10-EWH-1	CHEMICAL STORAGE 10-101	16"	20"	4"	1,500	5,120	4"		QMARK AWH	

DESTRATIFICATION FANS - HVLS

UNIT NO.	SERVICE	FAN DIA	MOTOR HP	CONTROLLER	MANUF. MODEL
10-DS-1	FILTER AND SOFTENER ROOM 10-106	8' - 0"	0.75	YES	GREENHECK DS-3
20-DS-1	RO SKID ROOM 20-103	10' - 0"	0.75	YES	GREENHECK DS-3
20-DS-2	RO SKID ROOM 20-103	10' - 0"	0.75	YES	GREENHECK DS-3

GAS FIRED UNIT HEATERS (GUH)

UNIT NO.	SERVICE	GAS INPUT MBH	GAS OUTPUT MBH	CFM OF STD. AIR	GAS TYPE	GAS PRESS. IN PSIG	MOTOR HP	FAN TYPE	COMB. AIR VENT DIA.	FUEL VENT DIA.	DIFFUSER	ELEV. ABOVE FIN. FL.	MANUF. MODEL
20-GUH-1	RO SKID ROOM 20-103	30000.0 Btu/h	24600.0 Btu/h	456 CFM	NAT. GAS	0.00 psi	0.02	PROP.	4"	4"	HORIZ.	12' - 0"	REZNOR UDZ
20-GUH-2	RO SKID ROOM 20-103	30000.0 Btu/h	24600.0 Btu/h	456 CFM	NAT. GAS	0.00 psi	0.02	PROP.	4"	4"	HORIZ.	12' - 0"	REZNOR UDZ

SCHEDULE REMARKS

1. SEE PROJECT MANUAL (HVAC SPECIFICATION) FOR SEQUENCE OF OPERATION.
2. MOUNTING BRACKET BY UNIT MANUFACTURER.
3. DAMPER TO BE FLANGED TO DUCT, SIZE LISTED IS OUTSIDE OF DAMPER SIZE.
4. FURNISH DISCONNECT. INSTALLATION BY ELECTRICAL.
5. MOUNT EXTERIOR UNIT TO MAINTAIN CLEARANCES REQUIRED BY MANUFACTURER.
6. KYNAR COATING. COLOR TO BE SELECTED BY ARCHITECT.
7. PROVIDE MANUFACTURER'S OPTIONAL (SS) CORROSION RESISTANT CONSTRUCTION.
8. PERMATECTOR COATING. COLOR TO BE SELECTED BY ARCHITECT.
9. REMOTE WIRED THERMOSTAT BY UNIT MFR.
10. EQUIPMENT, WORK AND ACCESSORIES SHALL BE SUITABLE FOR CORROSIVE (NEMA 4X) ENVIRONMENTS. SEE SPECIFICATION FOR ADDITIONAL DETAIL.

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PROJECT DATE:	AUG 5, 2024	DRAWN BY: RJS	1	04/07/2025	Addendum #2	AVE
		DESIGNED BY: AVE	2	8/19/2025	PLAN REVIEW COMMENTS	CWW
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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

TYPICAL DETAILS AND SCHEDULE
HVAC SCHEDULES

PROJECT NO. 13603016
SHEET 99H601

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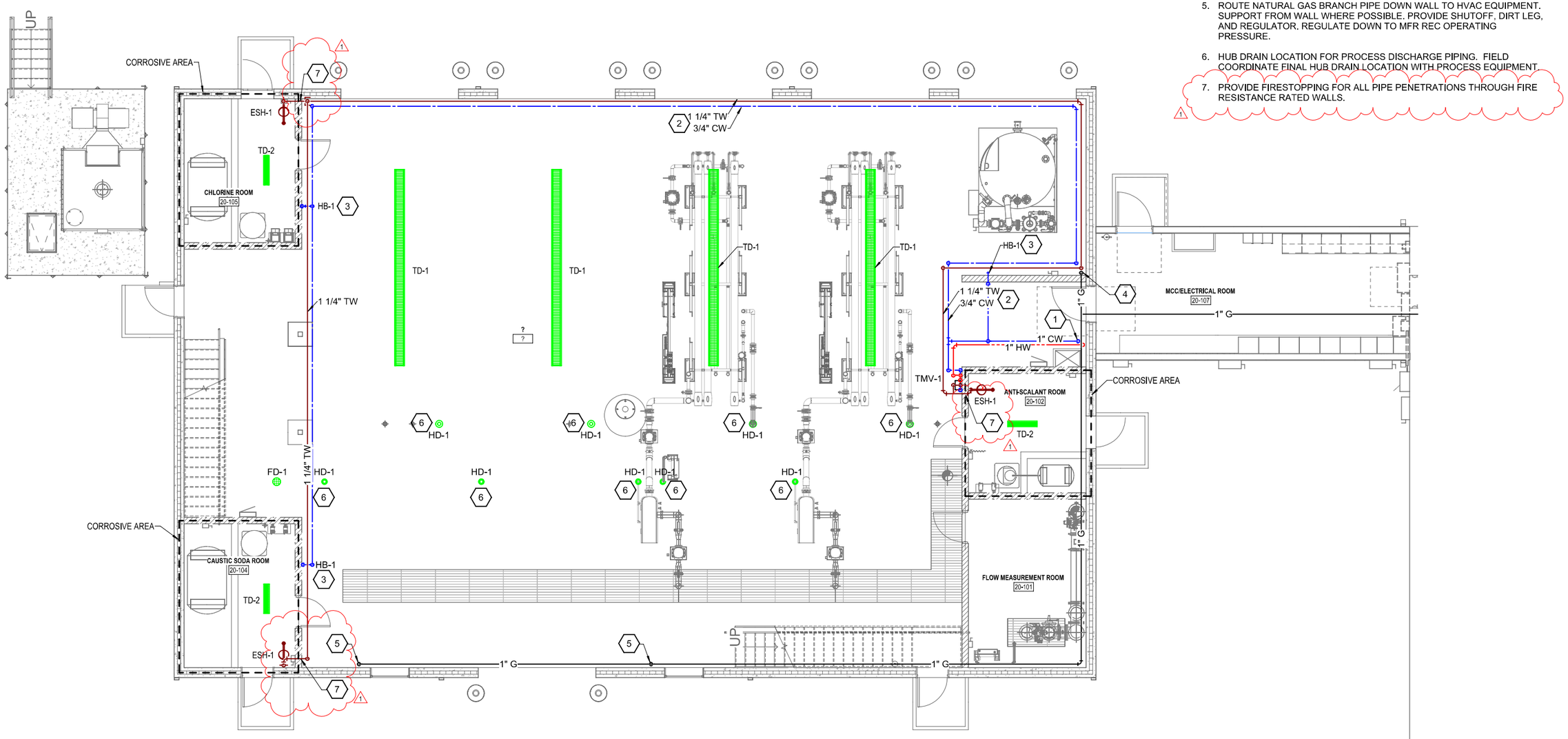
KEY NOTES (#)

1. NEW HOT AND COLD WATER PIPING UP THROUGH FLOOR. ROUTE UP INSIDE WALL AND HIGH AS POSSIBLE. SUPPORT FROM WALL.
2. PIPING SHOWN IN APPROXIMATE LOCATION. OFFSET PIPING AS NECESSARY TO NEW FIXTURES. SUPPORT PIPING FROM WALL WHERE POSSIBLE.
3. ROUTE 3/4" DOWN TO CONNECTION ON HOSE BIBB. PROVIDE LINE SIZED SHUTOFF VALVE IN VERTICAL.
4. ROUTE PIPING UP UP WALL TO CEILING. SUPPORT VERTICAL PIPING FROM WALL.
5. ROUTE NATURAL GAS BRANCH PIPE DOWN WALL TO HVAC EQUIPMENT. SUPPORT FROM WALL WHERE POSSIBLE. PROVIDE SHUTOFF, DIRT LEG, AND REGULATOR. REGULATE DOWN TO MFR REC OPERATING PRESSURE.
6. HUB DRAIN LOCATION FOR PROCESS DISCHARGE PIPING. FIELD COORDINATE FINAL HUB DRAIN LOCATION WITH PROCESS EQUIPMENT.
7. PROVIDE FIRESTOPPING FOR ALL PIPE PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS.



20-PLUMBING PROPOSED FLOOR PLAN

3/16" = 1'-0" (22" x 34")
3/32" = 1'-0" (11" x 17")
0 2 4 8 12

PROJECT DATE:	11/19/2024
DRAWN BY:	RJS
DESIGNED BY:	AVE
CHECKED BY:	AVE

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

RO BUILDING
PROPOSED PLUMBING ABOVE GRADE FLOOR PLAN

PROJECT NO. 13603016
SHEET 20P102

PLOT DATE: 8/20/2025 3:45:12 PM Autodesk Docs://13603016 - TIFFIN WTP - ACC/13603016_TIFFIN WTP_PLUMB.rvt

KEY NOTES

1 CONCRETE STOOP WITH FOUNDATION WALLS, SEE DETAIL 8/99S501

3 3 1/2" RIGID INSULATION JOINT w/ REMOVABLE CAP AND SELF-LEVELING SEALANT AT PERIMETER SLAB-FOUNDATION WALL, TYP.

4 CHEMICAL CONTAINMENT AREA: PROVIDE WATERSTOPS IN ALL JOINTS. PROVIDE #5 BARS AT 5" O.C. HORIZ. & #5 VERT DOWELS AT 12" O.C. - SEE DETAIL 2/99S502. ARCHITECTURAL FOR WATER-PROOFING AND INSULATION REQUIREMENTS.

5 DASHED LINE INDICATES NON-BEARING CMU WALL LOCATED ON TOP OF SLAB-ON-GRADE, TYP.

6 PROVIDE (1) #5 DIAGONAL BAR x 18" IN CENTER OF FLOOR SLAB AT EACH CORNER OF DOOR OPENING, TYP - SEE DETAIL 3/99S501 (SIM). DO NOT CROSS CJ

KEY NOTES

8 THICKENED SLAB UNDER CMU WALL -LONGITUDINAL (2) #5 BARS (EQUALLY SPACED) - SEE DETAIL 6/99S501 TRANSVERSE #5 BARS @ 16" OC

9 TRENCH DRAIN LOCATION - SEE PLUMBING. SLOPE SLAB IN AREA SHOWN TOWARD DRAIN. TOP OF GRATE ELEV. = 689'-10 1/2" (1 1/2" BELOW F.F. ELEV.) SEE DETAIL 1 / 99S501

STRUCTURAL GENERAL NOTES

A. EXCAVATION AND SUBGRADE PREPARATION SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT (SEE PROJECT MANUAL APPENDIX FOR GEOTECHNICAL REPORT.)

B. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL PLANS FOR SIZE & LOCATION OF FLOOR/WALL OPENINGS AND PIPE PENETRATIONS NOT SHOWN. PROVIDE PIPE SLEEVES CAST INTO CONCRETE.

C. SEE SHEET 99S601 FOR DESIGN LOADS AND CRITERIA, DESIGN STRESSES, AND STEEL REINFORCING TABLES.

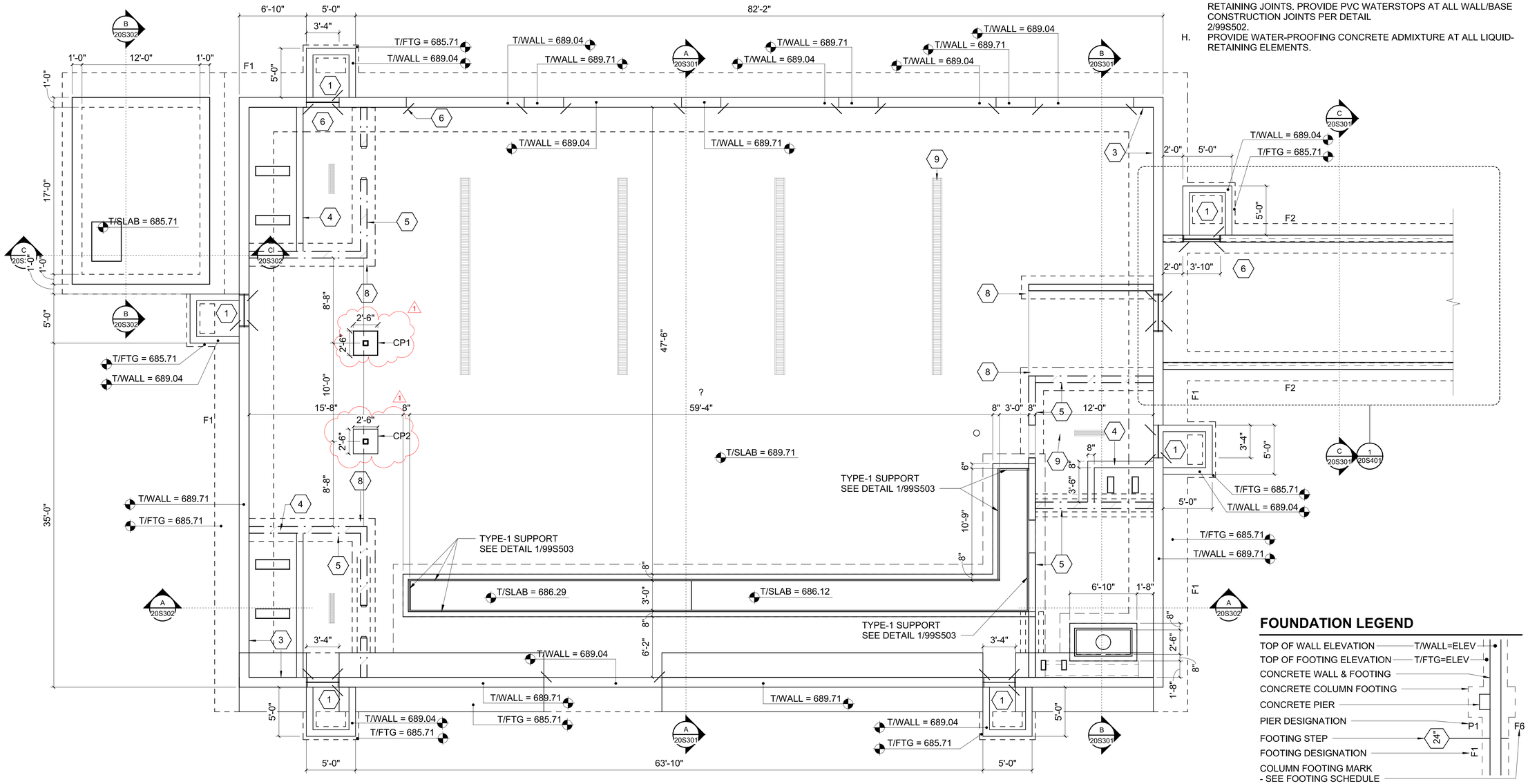
D. SEE SHEET 99S001 FOR GENERAL STRUCTURAL NOTES, CONCRETE & REINFORCING NOTES, AND SCHEDULES.

E. SEE ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONING.

F. SEE 99S602 FOR ADDITIONAL STRUCTURAL SCHEDULES (FOOTING, FOUNDATION WALLS, ETC.)

G. PROVIDE WATERSTOPS AT ALL VERTICAL & HORIZONTAL LIQUID-RETAINING JOINTS. PROVIDE PVC WATERSTOPS AT ALL WALL/BASE CONSTRUCTION JOINTS PER DETAIL 2/99S502.

H. PROVIDE WATER-PROOFING CONCRETE ADMIXTURE AT ALL LIQUID-RETAINING ELEMENTS.



FOUNDATION LEGEND

20-STRUCTURAL-PLAN

3/16" = 1'-0" (22" x 34")
3/32" = 1'-0" (11" x 17")
0 2 4 8 12

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WATER TREATMENT FACILITY UPGRADE
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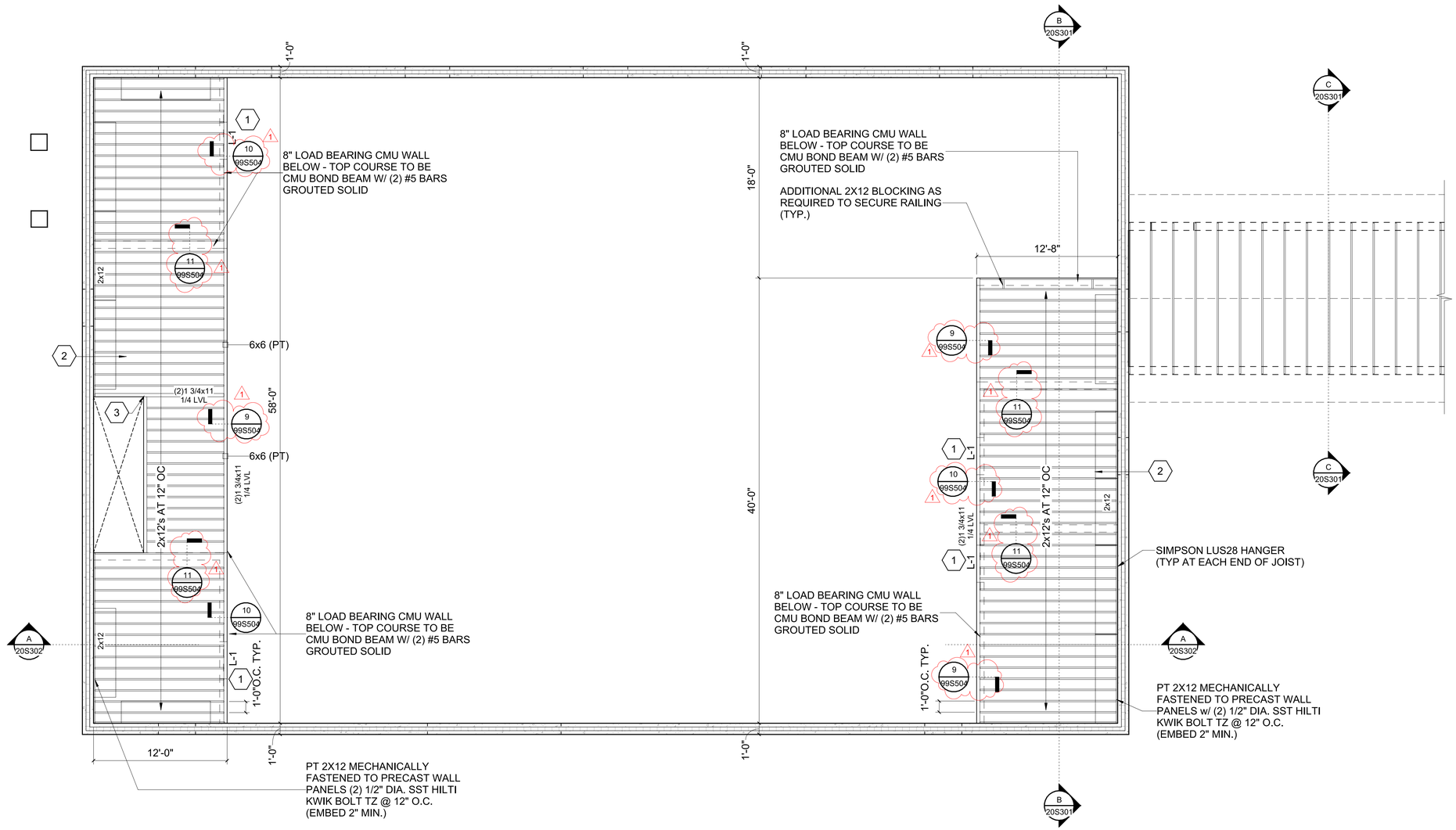
RO BUILDING FOUNDATION PLAN

PROJECT NO. 13603016
SHEET 20S101



20-STRUCTURAL-MEZZANINE FRAMING PLAN

3/16" = 1'-0" (22" x 34")
3/32" = 1'-0" (11" x 17")
0 2 4 8 12

GENERAL NOTES - MEZZANINE FRAMING

A. DIMENSIONAL LUMBER IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
B. DIMENSIONAL LUMBER SHALL BE SOUTHERN PINE NO. 1 OR BETTER.
C. TIMBER 6x6 POST BASES SHALL BE SIMPSON STRONG TIE CBSQ GALVANIZED STANDOFF COLUMN BASE, INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
D. TIMBER 6x6 POST CAPS SHALL BE SIMPSON STRONG TIE LPC Z MAX GALVANIZED ADJUSTABLE POST CAP PER MANUFACTURERS INSTRUCTIONS.
E. ALL 2x12 JOISTS SHALL BE BLOCKED AT 1/3 POINTS ALONG THE SPAN. USE SIMPSON LUS28 HANGER AT END OF EACH JOIST, TYPICAL.
F. MEZZANINE FLOOR SHALL BE 19/32" APA RATED SHEATHING GRADE A. 8d RINGSHANK NAILS @ 12" O.C. EACH JOIST.

KEY NOTES - PROPOSED

1 CODE REQUIRED ACCESSIBLE EXIT - (2) REQUIRED FOR THIS AREA (THEY ARE SEPARATED BY MORE THAN 1/2 THE DIAGONAL DISTANCE OF THE SPACE). PROVIDE ILLUMINATED EXIT SIGN ABOVE DOOR AND TACTILE SIGN ON WALL ADJACENT TO LATCH.
2 NOT A CODE REQUIRED EXIT
3 CODE REQUIRED SINGLE EXIT FOR THIS SPACE, NON-ACCESSIBLE EXIT (SPACE IS "MECHANICAL" EQUIPMENT AND IS NOT REQUIRED TO BE ACCESSIBLE)

LINTEL SCHEDULE

MARK	SYMBOL	DESCRIPTION
L-1	2 1/2" MIN / 8" MAX	8" WIDE x 8" TALL CMU LINTEL w/ (2) #5 BARS CONT.

GENERAL NOTES

1. PROVIDE 8" MIN BEARING ON WALL. GROUT SOLID LINTEL BEARING AREA FROM FOUNDATION WALL TO UNDERSIDE OF LINTEL.
2. FOR MISC OPENINGS NOT SHOWN ON PLAN, UP TO 32" WIDE:
   A. 8" WALLS: L-1
3. GROUT MASONRY SOLID AT TIES AND STUDS.

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DRAWN BY: JBR
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CHECKED BY: CWW

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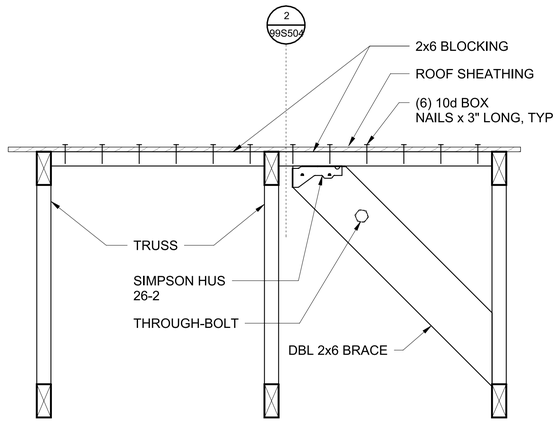
WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

RO BUILDING
MEZZANINE FRAMING PLAN

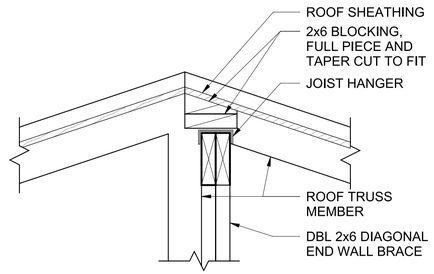
PROJECT NO. 13603016
SHEET 20S105

PLOT DATE: 8/19/2025 4:44:18 PM Autodesk Docs://13603016 - TIFFIN IA WTP - ACC/13603016_TIFFIN WTP_SAP.rvt



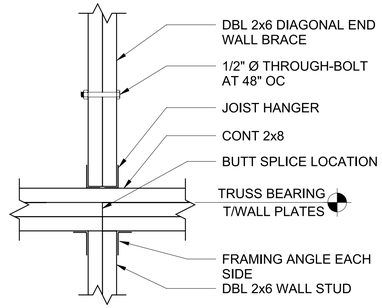
1 ENDWALL BRACE DETAIL (AT ROOF)

99S504 NOT TO SCALE



2 ENDWALL BRACE ELEVATION (AT ROOF)

99S504 NOT TO SCALE



3 ENDWALL BRACE ELEVATION (AT WALL)

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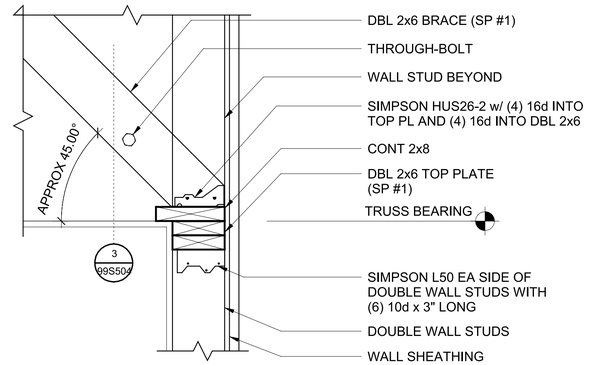
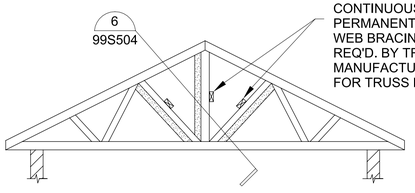
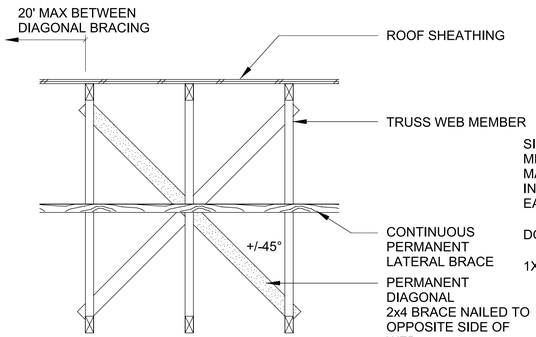


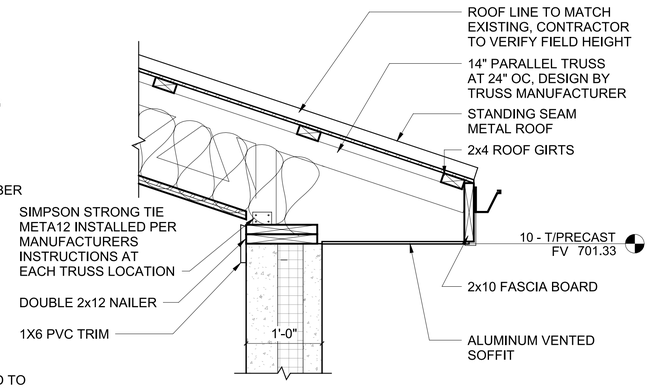
4 ENDWALL BRACE DETAIL (AT WALL)

99S504 NOT TO SCALE



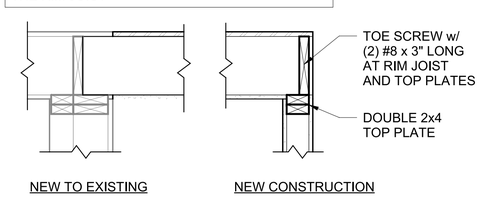
2 x 4 DIAGONAL BRACE AT EACH WEB MEMBER REQUIRING CONTINUOUS LATERAL BRACING. IF NO LATERAL BRACING IS REQUIRED, PLACE DIAGONAL BRACE NO GREATER THAN 16 FEET INTERVALS ALONG THE TRUSS LENGTH. ALWAYS LOCATE A DIAGONAL BRACE AS CLOSE AS POSSIBLE TO THE HIGH POINT OF THE TRUSS. THE SPACING BETWEEN SETS OF DIAGONAL BRACING SHALL BE TWICE THE HORIZONTAL RUN OF THE DIAGONAL BRACING OR 20 FEET MAXIMUM. A MINIMUM OF TWO SETS REQUIRED. INSTALL THE DIAGONAL BRACE AT A 45 DEGREE ANGLE TO THE LATERAL BRACE. ATTACH THE DIAGONAL BRACE TO THE OPPOSITE SIDE OF THE WEB MEMBER REQUIRING THE LATERAL BRACE. FASTEN THE DIAGONAL BRACE WITH (2) 16 d NAILS AT EVERY TRUSS WEB MEMBER IT CROSSES.





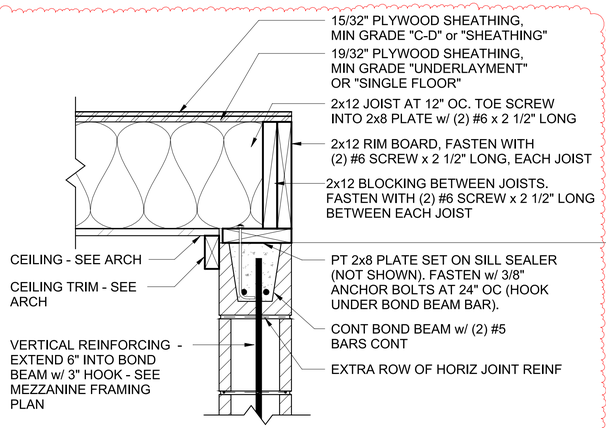
NEW 2x10 MEMBERS TO BEAR ON EXISTING. TOE SCREW INTO TOP PLATES AND EXISTING RIM JOIST WITH (2) #8 x 3" LONG SCREWS EACH.

IF EXISTING RIM JOIST PREVENTS NEW JOISTS FROM HAVING A MINIMUM 2" OF BEARING CONTRACTOR SHALL USE SIMPSON LUS210 HANGERS OR EQUIVALENT SCREWD TO THE RIM JOIST



5 PERMANENT TRUSS BRACING

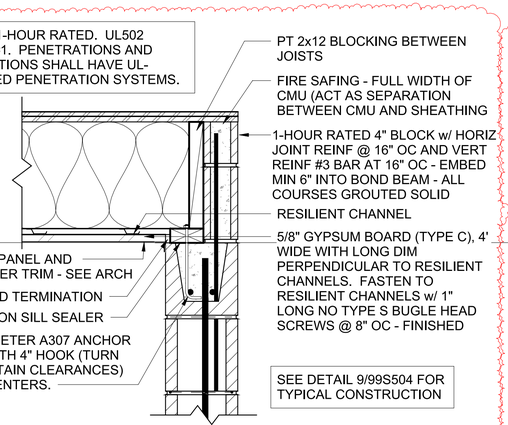
99S504 NOT TO SCALE



6 PERMANENT WEB BRACING

99S504 NOT TO SCALE

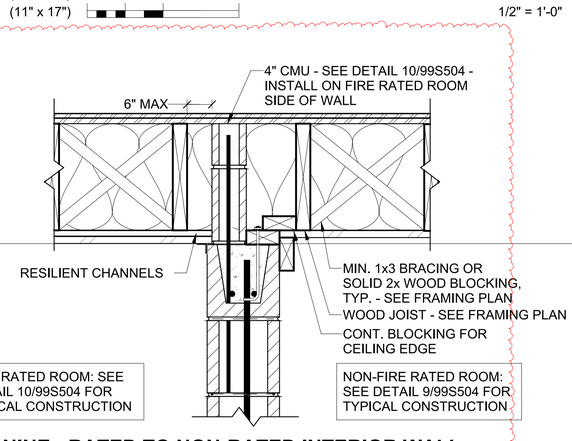
FLOOR: 1-HOUR RATED. UL502 OPTION #1. PENETRATIONS AND TERMINATIONS SHALL HAVE UL-APPROVED PENETRATION SYSTEMS.



SEE DETAIL 9/99S504 FOR TYPICAL CONSTRUCTION

7 PARALLEL TRUSS BEARING CONNECTION

99S504 1" = 1'-0" (22" x 34") 0 6" 1' 2'
1/2" = 1'-0" (11" x 17")



FIRE RATED ROOM: SEE DETAIL 10/99S504 FOR TYPICAL CONSTRUCTION

NON-FIRE RATED ROOM: SEE DETAIL 9/99S504 FOR TYPICAL CONSTRUCTION

8 NEW CEILING CONNECTION TO EXIST

99S504 1" = 1'-0" (22" x 34") 0 6" 1' 2'
1/2" = 1'-0" (11" x 17")

9 MEZZANINE OUTSIDE EDGE - NON-RATED INTERIOR WALL

99S504 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
1 3/4" = 1'-0" (11" x 17")

10 MEZZANINE OUTSIDE EDGE - 1-HOUR INTERIOR WALL

99S504 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
1 3/4" = 1'-0" (11" x 17")

11 MEZZANINE - RATED TO NON-RATED INTERIOR WALL

99S504 1 1/2" = 1'-0" (22" x 34") 0 3" 6" 12" 18"
1 3/4" = 1'-0" (11" x 17")

PLOT DATE: 8/19/2025 4:44:19 PM Autodesk Docs://13603016_TIFFIN WTP - ACC/13603016_TIFFIN WTP_SAP.rvt

PROJECT DATE:	AUG 5, 2024	DRAWN BY:	JBR
		DESIGNED BY:	KB
		CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

TYPICAL DETAILS AND SCHEDULE
TYPICAL STRUCTURAL DETAILS

PROJECT NO. 13603016
SHEET 99S504

FOOTING SCHEDULE - OVERALL

REMARKS
1. PROVIDE 2 ROWS OF FOOTING REINFORCING.
2. PROVIDE TRANSVERSE BAR AT EACH LAYER OF REINFOCRING.

GENERAL NOTES
A. PREPARE BEARING SOILS PER GEOTECH REPORT RECOMMENDATIONS.
B. PROVIDE (1) 36" x 36" BENT BAR (SAME SIZE AS REINF.) FOR EACH HORIZONTAL BAR, TYP. AT INTERSECTIONS AND AT CORNERS.
C. SEE REINFORCING AND FOUNDATION NOTES.

TYPE MARK	SIZE		LONGITUDINAL REINF.		TRANSVERSE REINF.		DOWEL				REFERENCE DETAIL	REMARKS
	THICKNESS, T	WIDTH, W	QTY.	SIZE	SIZE	SPACING	SIZE	LENGTH, L	HOOK	SPACING		
F1	12"	72"	3	#5	#5	12"	(2) #5	48"	10"	12"		
F2	12"	36"	3	#5	#5	12"	(2) #5	48"	10"	12"		
F3	8"	16"	2	#5			#5	48"	10"	24"		
F4	12"	24"	<varies>	<varies>	<varies>	<varies>	<varies>	<varies>	<varies>	<varies>		

STEEL REINFORCING

MIN CLEAR COVER, UNO

FOUNDATION WALLS
- #5 BARS & SMALLER....1 1/2"
- #6 BARS & LARGER....2"

NON-STRUCTURAL SLABS-ON-GRADE
- BOTTOM & SIDES....1 1/2"
- TOP....3/4"

FOOTINGS AND STRUCTURAL SLABS-ON-GRADE
- BOTTOM & SIDES....3"
- TOP....2"

LIQUID RETAINING STRUCTURES
- WALLS....2"
- FOOTINGS AND SLABS
  - BOTTOM AND SIDES....3"
  - TOP....2"

GENERAL NOTES

1. IN NON-LIQUID RETAINING STRUCTURES, LAP BARS: #5 BARS = 31"; #6 BARS = 37"
2. STANDARD HOOKS: #5 = 10"; #6 = 12"
3. LAP BARS CLASS 'B' LAP IN LIQUID RETAINING STRUCTURES, UNO -SEE DETAIL 5/99S502
4. STAGGER LAPS IN LIQUID RETAINING STRUCTURES, UNO - SEE DETAIL 5/99S502

DESIGN STRESSES

CAST-IN-PLACE CONCRETE

NON-LIQUID RETAINING STRUCTURES
- FOOTINGS....f'c = 4000 PSI
- WALLS....f'c = 4000 PSI
- SLAB-ON-GRADE....f'c = 4000 PSI
- OTHER....f'c = 3500 PSI

LIQUID RETAINING STRUCTURES
- FOOTINGS & STRUCTURAL SLABS....f'c = 5000 PSI
- WALLS....f'c = 5000 PSI
- SLAB-ON-GRADE....f'c = 5000 PSI

STEEL
- REINFORCING....fy = 60 KSI

ANCHORS
- ANCHOR BOLTS....F1554, GRADE 36
- EXPANSION ANCHORS....WEDGE TYPE

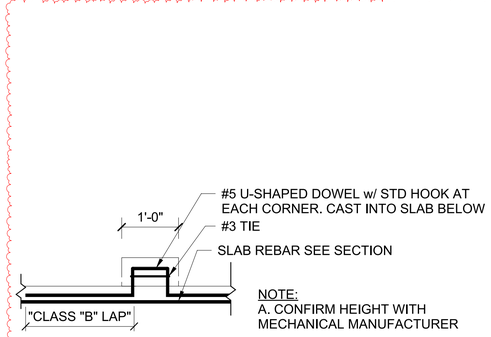
GEOTECHNICAL INFORMATION

ALLOWABLE SOIL BEARING PRESSURE....q = 1500 PSF
ALLOWABLE BEARING PRESSURE ASSUMES SITE PREPARATION PER OPTIONS OUTLINED IN THE GEOTECHNICAL REPORT:
- REPORT No. 06235179.01
- PREPARED BY: TERRACON
- DATED: MARCH 20, 2024

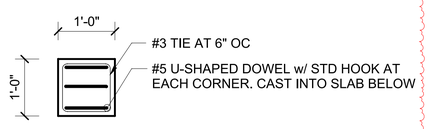
CONCRETE EQUIPMENT PADS - OVERALL

NOTE:
1. DIMENSIONS ARE APPROXIMATE - VERIFY CONCRETE BASE DIMENSIONS, ELEVATIONS, AND LOCATION(S) BASED ON APPROVED EQUIPMENT SHOP DRAWINGS AND REQUIRED PROCESS EQUIPMENT ELEVATIONS PRIOR TO BASE CONSTRUCTION. ANCHOR BOLTS SHALL BE CAST-IN-PLACE "J" TYPE AS RECOMMENDED BY EQUIPMENT SUPPLIER, OR EPOXY CAPSULE ANCHORS AS APPROVED BY THE ENGINEER.

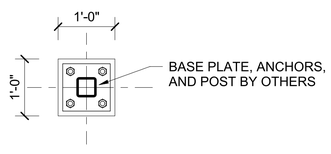
MARK	CONCRETE BASE, L	CONCRETE BASE, W	CONCRETE BASE, D	CONCRETE BASE, H	CONCRETE BASE, A BARS	CONCRETE BASE, B BARS	CONCRETE BASE, C BARS	REFERENCE DETAIL	QTY ROWS
CP1	30"	30"	0"	12"					
EP-10-1	24"	24"	0"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-1	20"	16"	0"	12"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-2	20"	16"	0"	12"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-3	20"	16"	0"	6"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-4	16"	14"	0"	6"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-5	20"	16"	0"	6"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-6	16"	14"	0"	6"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-7	12"	6"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-8	12"	6"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-9	20"	6"	0"	8"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-10	20"	6"	0"	8"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-11	15"	18"	0"	3"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-12	12"	6"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-13	12"	6"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-14	20"	6"	0"	8"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-15	20"	6"	0"	8"	(2) #3 TIE		(4) #5 HOOK DOWELS	2/99S602	
EP-20-16	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-17	15"	18"	0"	3"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-18	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-19	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-20	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-21	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-22	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-23	15"	18"	0"	3"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-24	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-25	15"	18"	0"	3"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-26	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-27	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-28	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-29	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-30	12"	28"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-20-31	18"	18"	6"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-32	18"	18"	6"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-33	18"	18"	6"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-34	18"	18"	6"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-35	8"	20"	0"	30"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-36	8"	20"	0"	30"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-37	12"	42"	0"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-38	12"	42"	0"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-39	12"	42"	0"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-20-40	12"	42"	0"	24"	(3) #4 STIRRUPS		(4) #5 HOOK DOWELS		
EP-30-1	30"	30"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-30-2	30"	30"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-30-3	30"	30"	0"	4"	(1) #3 TIE		(3) #3 U-SHAPED DOWELS	1/99S602	
EP-GENERATOR PAD	360"	228"	0"	12"	#5	#5	(4) #5 HOOK DOWELS		
CP1-COLUMN PAD	30"	30"	0"	12"	#5	#5			
CP1-COLUMN PAD	30"	30"	0"	12"	#5	#5			



PIER REINFORCING SECTION

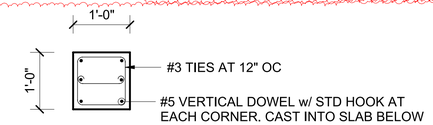


PIER REINFORCING PLAN

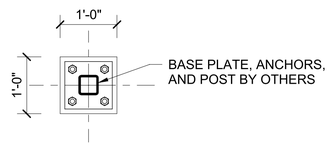


POST BASE PLAN

1 PROCESS SUPPORT PIER - SHORT
99S602 3/4" = 1'-0" (22"x34")



PIER REINFORCING PLAN



POST BASE PLAN

2 PROCESS SUPPORT PIER - TALL
99S602 3/4" = 1'-0" (22"x34")

STRUCTURAL WOOD SHEATHING

ROOF SHEATHING:
APA-RATED SHEATHING, EXP 1, 19/32", 40/20
SPAN RATING, 8d COMMON NAILS AT 6" O.C. AT PANEL EDGES, 12" O.C. AT INTERMEDIATE SUPPORTS, UNBLOCKED AT PANEL EDGES.

WALL SHEATHING:
APA-RATED SHEATHING, EXP 1, 15/32", 32/16
SPAN RATING, 8d COMMON NAILS AT 6" O.C. AT PANEL EDGES, 12" O.C. AT INTERMEDIATE SUPPORTS, BLOCKED AT PANEL EDGES.

STRUCTURAL COMPOSITE LUMBER

LAMINATED VENEER LUMBER (LVL)

Fb = 2250 PSI
E = 1.3 x 10e6 PSI
Fv = 200 PSI
Ft = 1500 PSI
Fc (PAR) = 1950 PSI
Fc (PERP) = 560 PSI

PROJECT DATE:	AUG 5, 2024	DRAWN BY:	JBR
		DESIGNED BY:	KB
		CHECKED BY:	CWW

No	DATE	REVISIONS	BY
1	8/19/2025	PLAN REVIEW COMMENTS	CWW

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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

TYPICAL DETAILS AND SCHEDULE STRUCTURAL SCHEDULES

PROJECT NO. 13603016
SHEET 99S602

PLOT DATE: 8/19/2025 4:44:21 PM Autodesk Docs://13603016 - TIFFIN IA WTP - ACCI/13603016_TIFFIN WTP_SAP.rvt

www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

June 29, 2026

Tim Kasparek
City of Tiffin
300 Railroad Street
Tiffin, IA 52340

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 19

Vault Lighting per attached.

Neumiller Electric	2,476.50
OHP	123.83
General Liability Insurance	46.60
Bond	38.91
Total	**$ 2,685.84**

Approved By:

Tom Shedek — 6/29/2026
Project Manager – Tricon Construction — Date

Clint Wienen – MSA Professional Services Inc — Date

City of Tiffin — Date

Neumiller Electric Change Order Request

Project Name :	**Tiffin WTP**
Project Number :	**25-098-C**
General Contractor:	**Tricon Construction**
COR #:	**#002**
COR Reference:	
COR Description:	**Vault Lighting**
Date:	**6/25/2026**
Approved by:	Nathan Phillips
Accepted by:	

Neumiller Electric Inc.
(319) 665-9036
FULL SERVICE ELECTRICAL CONTRACTOR

Material

			Total
Quoted Material	Documentation attached		$ 924.12
Itemized Material	Documentation attached		$ 150.97
Shipping	Documentation attached		$ -
Handling	Documentation attached		$ -
Expedition of material	Documentation attached		$ -
Total			$ 1,075.09

Labor

	Hours	X	$ per Hour	Total
Foreman	4.33		$ 90.00	$ 389.36
Journeyman	4.20		$ 85.00	$ 356.92
Apprentice	4.20		$ 70.00	$ 293.93
Project Management	0.38		$ 100.00	$ 38.17
Total				$ 1,078.39

Labor Overtime

	Hours	X	$ per Hour	Total
Foreman	0.00		$ 135.00	$ -
Journeyman	0.00		$ 127.50	$ -
apprentice	0.00		$ 105.00	$ -
Project Management	0.00		$ 150.00	$ -
Total				$ -

Subcontractor

		Total
		$ -
		$ -
Markup	5%	$ -
Total		$ -

COR Cost		$ 2,153.47
COR Overhead	10%	$ 215.35
COR Profit	5%	$ 107.67
Tax	0%	$ -
COR Total Price		**$ 2,476.50**

Material/Equipment

Description	QTY	Unit price	Price Unit	New Unit Price	Total Price	Unit Labor	Labor Unit	New Labor Unit	Total Labor
3/4" CONDUIT - PVC40	40	$ 36.36	C	0.3636	$ 14.54	4.5	C	0.045	1.8
3/4" ELBOW 90 DEG - PVC40	6	$ 173.25	C	1.7325	$ 10.40	23.75	C	0.2375	1.425
3/4" COUPLING - PVC	12	$ 30.87	C	0.3087	$ 3.70	15	C	0.15	1.8
3/4" 2-H STRAP - PVC	8	$ 63.27	C	0.6327	$ 5.06	7.5	C	0.075	0.6
#12 THHN BLACK	132	$ 252.10	M	0.2521	$ 33.28	6.44	M	0.00644	0.85008
#14 THHN GREEN	44	$ 170.60	M	0.1706	$ 7.51	5.38	M	0.00538	0.23672
WIRE CONN RED	4	$ 28.55	C	0.2855	$ 1.14	7.5	C	0.075	0.3
FS 1G BOX 1x 3/4" HUB - TOP	1	$ 48.97	E	48.9700	$ 48.97	0.56	E	0.56	0.56
GROUND SCREW W/ INSUL #12 LEAD	1	$ 88.68	C	0.8868	$ 0.89	3.75	C	0.0375	0.0375
1/4-20x 1 3/4 WEDGE ANCHOR - 1 1/8" MIN DEPTH	6	$ 74.96	C	0.7496	$ 4.50	10	C	0.1	0.6
#8 TO #10x 7/8 PLAS ANCHOR (3/16)	8	$ 5.87	C	0.0587	$ 0.47	7.5	C	0.075	0.6
1/4-20 HEX NUT - PLTD STL	4	$ 6.08	C	0.0608	$ 0.24	2.5	C	0.025	0.1
1/4x 1 1/4 FENDER WASHER - PLTD STL	4	$ 15.14	C	0.1514	$ 0.61	1.25	C	0.0125	0.05
#10x 1 P/H SELF-TAP SCREW	8	$ 11.90	C	0.1190	$ 0.95	3.75	C	0.0375	0.3
1G SWITCH COVER - FS/FD	1	$ 1,142.11	C	11.4211	$ 11.42	8.75	C	0.0875	0.0875
20A 120-277V S/P SW - TOGGLE IVY (SG)	1	$ 729.00	C	7.2900	$ 7.29	17.5	C	0.175	0.175
4' WEATHERPROOF	2	$ -	E	0.0000	$ -	1.13	E	1.13	2.26
Total					$ 150.97				11.7818

Productivity Factors

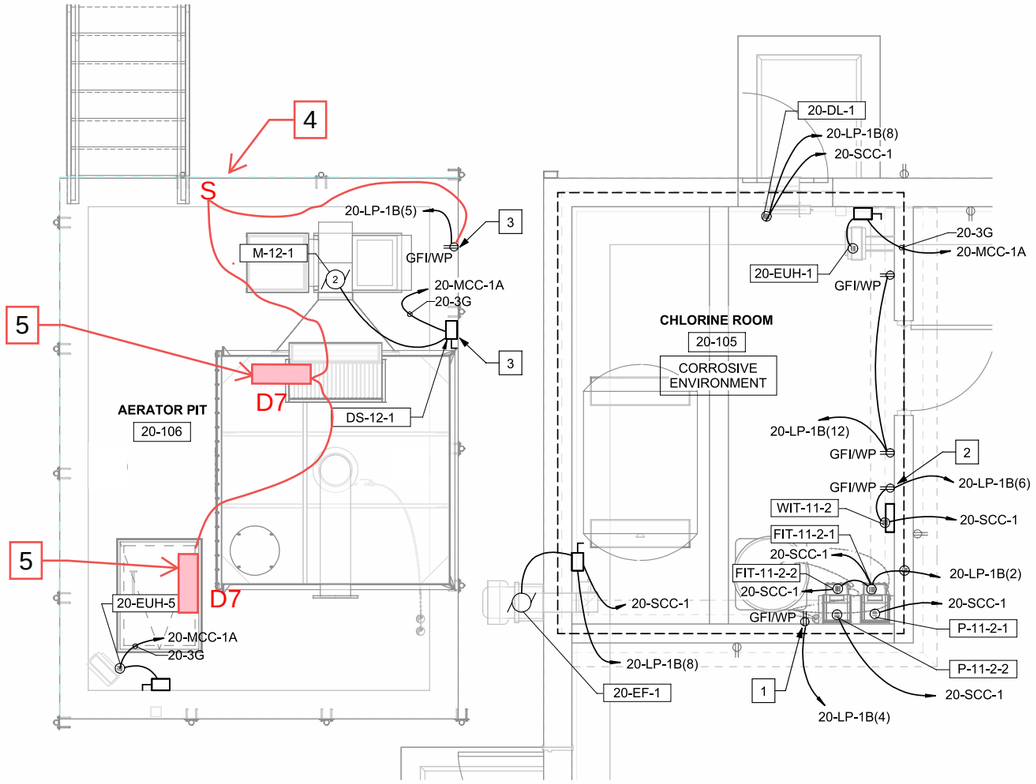
	Percentage of Loss		Additional Labor

Stacking of trades		0%		0
Morale and Attitude		0%		0
Reassignment of Manpower		5%		0.58909
Crew Size Inefficiency		0%		0
Concurrent Operations		0%		0
Dilution of Supervision		0%		0
Learning Curve		0%		0
Joint Occupancy		0%		0
Site Access		0%		0
Logistics		3%		0.353454
Fatigue		0%		0
Season and Weather		0%		0
		0%		0
Total				0.94

Supporting Documentation

Terms

: This COR is good for 15 days from date Approved above
: COR must be signed and returned to be considered valid
: Normal working hours will be 7am to 3:30 pm
: Any time outside "Normal working hours" will be billed at Over Time rates
: Labor units and Productivity Factors are based upon NECA change order guidelines



POWER PLAN - AERATOR PIT AND CHLORINE RM
3/8" = 1'-0" (22" X 34")
3/16" = 1'-0" (11" X 17")
0 1 2 4 6

FIXTURE SCHEDULE								
ID	QTY	DESCRIPTION	LAMP	MANUFACTURER	WATTS	GENERAL PART NUMBER	LUMINAIRE WARRANTY	NOTES
D7	2	INDUSTRIAL WET LABEL LED	LED	LITHONIA	40	DMW2 L24 4000LM PFL MD MVOLT 40K 80CRI (OR EQUAL)	1-YEAR	1,4

GENERAL NOTES:

A. ALL FIXTURES TO BE 120V UNLESS OTHERWISE NOTED.

B. ALL FIXTURES SHALL BE SUPPLIED WITH STANDARD COLORS AND FINISH OPTIONS, COLOR TO BE SELECTED BY ARCHITECT.

C. ALL BALLASTS SHALL BE LOW HARMONIC.

NOTES:

1. SHALL COMPLY TO FOCUS ON ENERGY STANDARDS.
2. PROVIDE EXTERIOR FIXTURES WITH PHOTOS CELLS.
3. SHALL INCLUDE ALL ACCESSORIES INCLUDING BATTERY AND TEST BUTTON FOR EM OPERATION.
4. SHALL BE WP AND EXTERIOR RATED.

GENERAL NOTES:

A. PROVIDE NEC WORKING SPACE FOR ELECTRICAL EQUIPMENT.

B. DISCONNECTS RELATED TO HVAC CONNECTIONS SHALL BE PROVIDED BY THE EQUIPMENT SUPPLIER AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

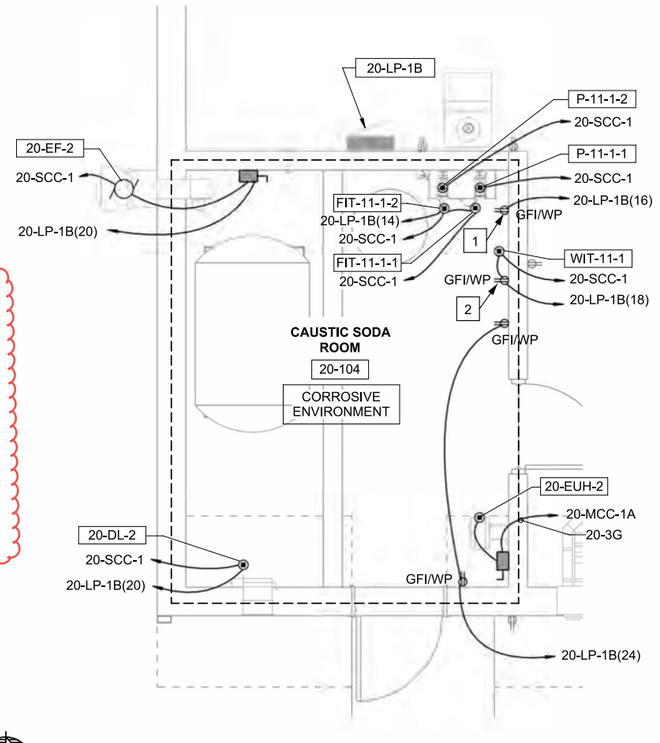
C. ALL INTERIOR RECEPTACLES AND SWITCHES TO BE MOUNTED AT 46" AFF, UNLESS OTHERWISE NOTED.

D. ALL EXTERIOR RECEPTACLES TO BE MOUNTED AT 30" AFG, UNLESS OTHERWISE NOTED.

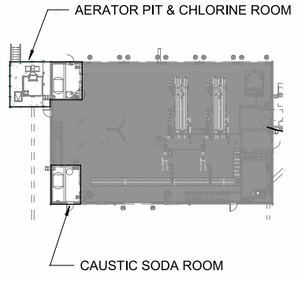
E. REFER TO ONE-LINES, P&IDs, AND WIRING SCHEDULES.

KEY NOTES:

1. PROVIDE CHEMICAL PUMP REC. MOUNT HIGHER THAN PUMPS.
2. PROVIDE CHEMICAL SCALE REC.
3. PROVIDE RAILING MOUNTED DEVICE.
4. PROVIDE RAILING MOUNTED WP LIGHT SWITCH FOR VAULT LIGHTING. RUN FROM RECEPTACLE CIRCUIT AS SHOWN.
5. PROVIDE NEW LIGHT FIXTURES AND CEILING MOUNT IN VAULT AS SCHEDULED.



POWER PLAN - CAUSTIC SODA ROOM
3/8" = 1'-0" (22" X 34")
3/16" = 1'-0" (11" X 17")
0 1 2 4 6



PROJECT DATE:	7/31/2024	DRAWN BY:	ARL
		DESIGNED BY:	SRC
		CHECKED BY:	SRC

No	DATE	REVISIONS	BY

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
400 ICE HARBOR DR, STE 110, DUBUQUE IA 52001
(563) 582-3973 www.msa-ps.com
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WATER TREATMENT FACILITY UPGRADE
CITY OF TIFFIN
JOHNSON COUNTY, IA

RO BUILDING
POWER PLAN - SOUTH ROOMS

PROJECT NO. 13603016
SHEET 20E102

PLOT DATE: 3/4/2025 2:13:44 PM Autodesk Docs://13603016 - TIFFIN IA WTP - AECOM/13603016_TIFFIN WTP_ELEC.rvt

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

LED Enclosed and Gasketed

DMW2

FEATURES & SPECIFICATIONS

INTENDED USE —For areas that require good vertical illumination and excellent glare control at low mounting heights. Ideal for open areas, retail spaces and aisles. Not for use or installation in direct outdoor sunlight. Must be installed under canopy or covered ceiling. For direct sunlight installations, please refer to the FEX product family. **Certain airborne contaminants can diminish the integrity of acrylic and/or polycarbonate. Click here for Acrylic-Polycarbonate Compatibility table for suitable uses.**

Certain airborne contaminants may adversely affect the functioning of LEDs and other electronic components, depending on various factors such as concentrations of the contaminants, ventilation, and temperature at the end-user location. Click here for a list of substances that may not be suitable for interaction with LEDs and other electronic components.

CONSTRUCTION — One-piece 5VA rated fiberglass housing with integral perimeter channel utilizes continuous poured-in-place NEMA 4X gasket. Simple two-piece design consists of housing and optical assembly to streamline installation process. Polymeric latches positively attach to housing and keep from becoming a hindrance during install.

OPTICS — Injection-molded, acrylic lens (.080" thick), provides high impact-resistance comparable to 100% DR. F1 rated for outdoor use, lenses resist breaking, yellowing or becoming brittle over time. UV stabilized polycarbonate diffuser available (.080" thick) in clear or frosted for additional impact strength. Polycarbonate lens is recommend for lower mounting heights where vandal protection is desired.

ELECTRICAL — Tool-less one piece optical assembly combines LEDs and lens into one component. Optical assembly easily connects to housing with plug and play harness, eliminating time consuming wiring connections. High-efficiency drivers operate 120-480V offered with 0-10V dimming, allowing granular control when coupled with wireless networking controls. Luminaire Surge Protection Level: Designed to withstand up to 2.5kV/0.75kA per ANSI C82.77-5-2015.

L85 at 60,000 hours.

INSTALLATION — Two-piece design makes installations faster than ever by simplifying wiring connections. Power connection is easily accommodated through pre-drilled holes at each end, optional wet location fittings available for maximum flexibility.

Stainless steel (#316) surface spring-mounting brackets with bail wires standard (2 included) allow for ceiling, wall or suspended mount.

Swivel stem(provided by others) when pendant mounting. Factory installed junction box option accommodates up to 4X4 sized boxes and includes integrated gasket to maintain wet location listings.

Quick Mount Bracket (QMB) ships installed on fixture and is recommended for fastest surface mount installs, ideal for end to end installations or larger jobs.

LISTINGS — CSA Certified to UL and C-UL standards. NEMA 4X rated. IP ratings: IP65 and IP66 rated. See page 3 for ambients.

NSF listed for Splash Zone II.

GOVERNMENT PROCUREMENT — BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

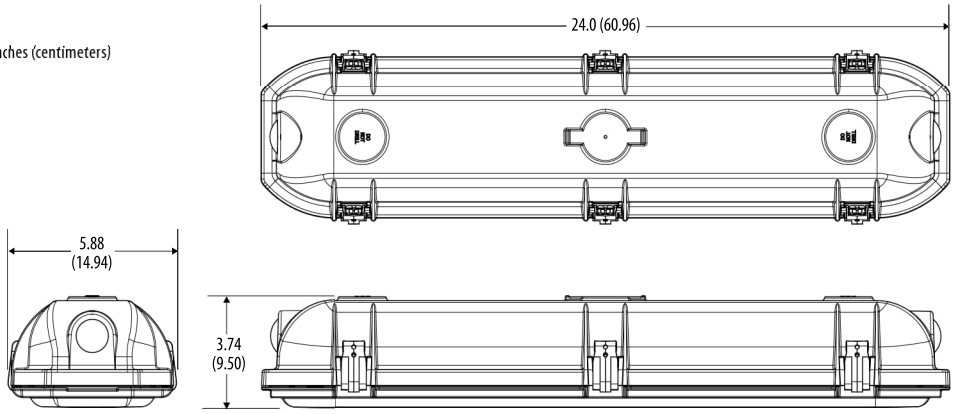
- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.



PHOTOMETRICS

Please see www.lithonia.com.

DMW2 LED Wet Location

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** DMW2 L24 4000LM PCL MD MVOLT GZ10 40K 80CRI

Series ‡	Length	Nominal lumens	Diffuser	Distribution	Voltage	Driver	Color temperature	Color rendering index
DMW2 LED wet location	L24 24"	2000LM 2,000 lumens 3000LM 3,000 lumens 4000LM 4,000 lumens	ACL Acrylic AFL Frosted acrylic PCL Polycarbonate PFL Frosted Polycarbonate	MD Medium distribution WD Wide distribution	MVOLT 120-277V 120 120V 208 208V 240 240V 277 277V 347 347V 480 480V	GZ10 0-10V Dimming	30K 3000 K 35K 3500 K 40K 4000 K 50K 5000 K	80CRI 80 CRI 90CRI 90 CRI

Options

E10W	IOTA 10W emergency battery pack, Constant Power, Certified in CA Title 20 MAEDBS, Self-diagnostics (LINK) ‡
PMP4X	Pendant monopoint with NEMA4X fitting (not available with JSB option) ‡
WLFEND	Wet location fitting (one fitting out end) ‡
WLFEND2	Wet location fitting (fittings out both ends) ‡
JSB	Junction box snap-bracket ‡
QMB	Quick-mount ceiling bracket ‡
CS89	6' white cord, 16/3, no plug, wet location ‡
CS89L12	12' white cord, 16/3, no plug, wet location ‡
CS88	6' Brad Harrison 16/3 cord and straight blade plug set, NEMA 4X rated ‡
CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set, NEMA 4X rated ‡
CS88R	Brad Harrison receptacle, NEMA 4X rated ‡
NOM	Nom certified
TPS	TorxT10 tamper-resistant screws
STSL	Stainless steel latches
SPD	10KV surge protection device ‡
BAA	Buy America(n) Act and/or Build America Buy America Qualified
MSI10NWL	Low mount 360 integral motion sensor, wet location, On/Off operation ‡
MSI102L3VWL	Low mount 360 integral motion sensor, wet location, High/Low operation (3 level) ‡
MSI10NWL DSCNWL	low mount 360 integral motion sensor, wet location , On/Off operation for motion sensing, override Off due to daylight ‡
NLTAIR2 RSBOR10	nLight AIR Generation 2 enabled 360° low mount motion sensor ‡

NOTE: ‡ indicates option chosen has ordering restrictions. Please reference ordering restrictions chart. Options are sorted alphanumerically.

Accessories: *Order as separate catalog number.*

RK1 T10BIT W/PIN U	Hex-base driver bit, Torx TX10, for tamper-resistant screws with center reject pin
DMW2WLF	Wet location fitting
DMW2QMB	Quick-mount ceiling bracket

‡ Option Value Ordering Restrictions

Option value	Restriction
CS88, CS88L12	Receptacle only. Not available with E10W option.
CS88R	Receptacle only. Not available with E10W option.
CS89, CS89L12	Not available with other cord sets. Not available with E10W option.
E10W	Not available with JSB, PMP4X mounting options. Not available with CS88 cord sets or CS88R receptacle. Must specify voltage. Not available with 347, 480V. Maximum ambient temperature 25°C.
JSB	Not available with other mounting options.
MSI102L3VWL, MSI10WL DSCNWL	Not available with other external MSI sensors or WLFEND2. Must specify voltage.
MSI10WL	Not available with other external MSI sensors or WLFEND2. Must specify voltage.
NLTAIR2 RSBOR10	Not available with other external MSI sensors or WLFEND2. Normal luminaires (non-emergency) can be used as a normal power sensing device for nearby nLight AIR devices and luminaires with EM emergency options.
PMP4X	Not for field install. Not available with PS1050 option. Not available with QMB, JSB mounting options.
QMB	Not available with other mounting options.
Series	Plastic latches supplied as standard. Provided with 2X KO plugs at both ends.
SPD	Not available with MSI10NWL, MSI102L3VWL, MSI10NWL DSCNWL, NLTAIR2 RSBOR10.
WLFEND	Not available with WLFEND2. Not available with cordsets or sensors.
WLFEND2	Not available with WLFEND, cord sets, or MSI sensors.

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OPERATIONAL DATA (80 CRI*)					
Package	Input Wattage	CCT	AFL	ACL	Comparable Light Source
			Lumens (LPW)	Lumens (LPW)	
2000LM	18	30K	2419 (134)	2419 (134)	1-32T8 lamp
		35K	2481 (138)	2556 (142)	
		40K	2536 (141)	2612 (145)	
		50K	2661 (148)	2740 (152)	
3000LM	27	30K	3483 (129)	3587 (133)	2-32T8 lamps
		35K	3572 (132)	3680 (136)	
		40K	3651 (135)	3761 (139)	
		50K	3831 (142)	3946 (146)	
4000LM	40	30K	4631 (116)	4770 (119)	3-32T8 Lamps, 2-54T5HO lamps
		35K	4751 (119)	4893 (122)	
		40K	4855 (121)	5001 (125)	
		50K	5094 (127)	5247 (131)	

CSA LISTED AMBIENT RATING*			
Package	Bare Fixture	Sensor	Emergency
2000LM	40°C	35°C	0 to 25°C
3000LM	40°C	35°C	0 to 25°C
4000LM	-40 to 40°C	35°C	0 to 25°C

*Minimum Ambient is -20°C unless noted.
** Suspended 18" from ceiling.

OPTIONS AND ACCESSORIES

The DMW2 Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

SMB
Surface mounting bracket
(ships standard with fixture)

QMB
Quick mounting bracket
field installable option order as DMW2QMB

JSB
Junction mounting bracket
(factory installed only)
(Not intended for wall mounting.
Voids IP65 rating.)

PMP4X
Pendant monopoint
(factory installed only)

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OPTIONS AND ACCESSORIES

The DMW2 Series fixture offers numerous options for almost every electrical and optical component, including a long list of field-installable accessories.

rSBOR/SBOR – Fixture Mount Sensor (see www.sensorswitch.com for additional information)

- 360° coverage
- On/Off dim
- Photocell optional
- IP66 rated
- Photocell and 0-10VDC dimming options.

Fixture sensor nomenclature	RSBOR/SBOR sensor nomenclature
For shortest lead times use one of the following SBOR configurations	
NLTAIR2 RSBOR10	RSBOR 10 EB4 WH G2
MSI10NWL	SBOR 10 OEX EB4 WH
MSI102L3VWL	SBOR 10 OEX D EB4 WH 3V
MSI10NWL DSCNWL	SBOR 10 OEX P EB4 WH

INDUSTRIAL: 1 Acuity Way, Decatur, GA 30035 Phone: 1-800-705-SERV (7378) www.lithonia.com

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www.triconcg.com

746 58th Ave Ct SW
Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

July 20, 2026

Tim Kasparek
City of Tiffin
300 Railroad Street
Tiffin, IA 52340

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 21 – Field Order 3

Mini Split per attached.

Neumiller Electric	749.55
OHP	37.48
General Liability Insurance	14.10
Bond	11.78
Total	**$ 812.91**

Approved By:

Tom Shedek — 7/20/2026
Project Manager – Tricon Construction — Date

Clint Wienen – MSA Professional Services Inc — Date

City of Tiffin — Date

Neumiller Electric Change Order Request

Project Name :	**Tiffin WTP**
Project Number :	**25-098-C**
General Contractor:	**Tricon Construction**
COR #:	**#003**
COR Reference:	
COR Description:	**Mini Split**
Date:	**7/2/2026**
Approved by:	Nathan Phillips
Accepted by:	

Neumiller Electric Inc.
(319) 665-9036
FULL SERVICE ELECTRICAL CONTRACTOR

Material

			Total
Quoted Material	Documentation attached		$ -
Itemized Material	Documentation attached		$ 82.23
Shipping	Documentation attached		$ -
Handling	Documentation attached		$ -
Expedition of material	Documentation attached		$ -
Total			$ 82.23

Labor

	Hours	X	$ per Hour	Total
Foreman	2.28		$ 90.00	$ 205.65
Journeyman	2.22		$ 85.00	$ 188.51
Apprentice	2.22		$ 70.00	$ 155.24
Project Management	0.20		$ 100.00	$ 20.16
Total				$ 569.56

Labor Overtime

	Hours	X	$ per Hour	Total
Foreman	0.00		$ 135.00	$ -
Journeyman	0.00		$ 127.50	$ -
apprentice	0.00		$ 105.00	$ -
Project Management	0.00		$ 150.00	$ -
Total				$ -

Subcontractor

		Total
		$ -
		$ -
Markup	5%	$ -
Total		$ -

COR Cost		$ 651.78
COR Overhead	10%	$ 65.18
COR Profit	5%	$ 32.59
Tax	0%	$ -
COR Total Price		**$ 749.55**

Material/Equipment

Description	QTY	Unit price	Price Unit	New Unit Price	Total Price	Unit Labor	Labor Unit	New Labor Unit	Total Labor
3/4" CONDUIT - PVC80	30	$ 64.13	C	0.6413	$ 19.24	5.25	C	0.0525	1.575
3/4" ELBOW 90 DEG - PVC80	2	$ 621.12	C	6.2112	$ 12.42	27.25	C	0.2725	0.545
3/4" COUPLING - PVC	8	$ 33.16	C	0.3316	$ 2.65	15	C	0.15	1.2
3/4" 2-H STRAP - PVC	6	$ 83.02	C	0.8302	$ 4.98	7.5	C	0.075	0.45
#12 THHN BLACK	132	$ 273.10	M	0.2731	$ 36.05	6.44	M	0.00644	0.85008
#14 THHN GREEN	33	$ 170.60	M	0.1706	$ 5.63	5.38	M	0.00538	0.17754
#8 TO #10x 7/8 PLAS ANCHOR (3/16)	6	$ 8.98	C	0.0898	$ 0.54	7.5	C	0.075	0.45
#10x 1 P/H SELF-TAP SCREW	6	$ 11.88	C	0.1188	$ 0.71	3.75	C	0.0375	0.225
2" DIAM CORE 5" THICK FLOOR	1	$ -	E	0.0000	$ -	0.75	E	0.75	0.75
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
		$ -		FALSE	$ -			FALSE	0
Total					$ 82.23				6.22262

Productivity Factors

	Percentage of Loss		Additional Labor

Stacking of trades		0%		0
Morale and Attitude		0%		0
Reassignment of Manpower		5%		0.311131
Crew Size Inefficiency		0%		0
Concurrent Operations		0%		0
Dilution of Supervision		0%		0
Learning Curve		0%		0
Joint Occupancy		0%		0
Site Access		0%		0
Logistics		3%		0.186679
Fatigue		0%		0
Season and Weather		0%		0
		0%		0
Total				0.50

Supporting Documentation

Terms

: This COR is good for 15 days from date Approved above
: COR must be signed and returned to be considered valid
: Normal working hours will be 7am to 3:30 pm
: Any time outside "Normal working hours" will be billed at Over Time rates
: Labor units and Productivity Factors are based upon NECA change order guidelines

www.triconcg.com

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Cedar Rapids, IA 52404

Corporate Office
1230 East 12th Street
Dubuque, IA 52001
P 563.588.9516
F 563.588.9519

June 9, 2026

Tim Kasparek
City of Tiffin
300 Railroad Street
Tiffin, IA 52340

Project: Tiffin Water Treatment Facility Upgrade
Re: COR # 18

Truss Design Code Changes to IBC 2018/ASCE 7-16, per attached.

ReVosWel Code Changes – Calculation/Drawing Updates	1,200.00
Tricon – Carpenter (16hrs @ 78.77/hr) - MCC Room Truss Changes	1,260.32
Tricon – Carpenter (20hrs @ 78.77/hr) - RO Bldg Truss Changes	1,575.40
Tricon – Carpenter (1hr @ 78.77/hr) - Final Building Inspector Re-Review	78.77
Tricon – Material	472.94
Sub-Total	4,587.43
OHP (Subcontracted)	60.00
OHP (Self-Performed)	508.11
General Liability Insurance	92.39
Bond	77.14
Total	**$ 5,325.07**

Approved By:

Tom Shedek	6/9/2026
Project Manager – Tricon Construction	Date
Clint Wienen – MSA Professional Services Inc	Date
City of Tiffin	Date

ITEM ANALYSIS

Project	Tiffin Water Treatment Facilicy Upgrade	Location	Tiffin, IA
Description	Truss Design Code Changes to IBC 2018/ ASCE 7-16	Estimator	Tom Shedek
Contractor	Tricon Construction Group	Date	6/9/2026

	Description	QTY	Units	Unit Rate	Man-hours	Labor Expense Wages U.P.	Labor Expense Wages Total	Permanent Materials Engineered Equipment U.P.	Permanent Materials Engineered Equipment Total	Sub Contracts U.P.	Sub Contracts Total	Total Direct Cost
Item #	**Base Bid Costs (Deducts)**											
1-1							$ -		$ -		$ -	$ -
1-2							$ -		$ -		$ -	$ -
1-3							$ -		$ -		$ -	$ -
1-4							$ -		$ -		$ -	$ -
1-5							$ -		$ -		$ -	$ -
1-6							$ -		$ -		$ -	$ -
	Totals				**-**		**$ -**		**$ -**		**$ -**	**$ -**
Item #	**Base Bid Changes per Team/City Request**											
2-1	ReVosWel Code Changes - Calculation/ Drawing Updates	1	LS				$ -		$ -	$ 1,200.00	$ 1,200.00	$ 1,200.00
2-2	MCC Room Truss Changes - Tricon/ Beisser Lumber	1	LS		16.00	$ 78.77	$ 1,260.32		$ -		$ -	$ 1,260.32
2-3	RO Bldg Truss Changes - Tricon/ Bessier Lumber	1	LS		20.00	$ 78.77	$ 1,575.40		$ -		$ -	$ 1,575.40
2-4	Final Building Inspector Re-Review - Tricon	1	LS		1.00	$ 78.77	$ 78.77		$ -		$ -	$ 78.77
2-5	3 sheets of 3/4", 13 sheets of 1/2" - Beisser Lumber	1	LS				$ -	$ 218.02	$ 218.02		$ -	$ 218.02
2-6	Nails - Lowes - Tricon	1	LS				$ -	$ 254.92	$ 254.92		$ -	$ 254.92
	Totals				**37.00**		**$ 2,914.49**		**$ 472.94**		**$ 1,200.00**	**$ 4,587.43**
Delta = Orange - Blue **(pos # is total add, neg # is total deduct)**					37.0		$ 2,914.49		$ 472.94		$ 1,200.00	**$ 4,587.43**

NOTES: Delta = (Addition total **-** Base Bid total)

The above costs do not include any contractual markups.

Project Manager or Authorized Designee Signature

X

Date:

Tom Shedek

From: Pat Hendricks <path@revoswel.com>
Sent: Tuesday, June 9, 2026 10:17 AM
To: Tom Shedek
Subject: FW: Repair charges
Attachments: I82348414.25157A-MCC.pdf; I82462233.26045-RO.pdf

---

From: Darren Burrichter <darren@revoswel.com>
Sent: Tuesday, June 9, 2026 9:12 AM
To: Andy R. <andyr@revoswel.com>
Cc: Pat Hendricks <path@revoswel.com>
Subject: RE: Repair charges

Here are the repairs as of right now.

Darren

From: Andy R. <andyr@revoswel.com>
Sent: Tuesday, June 9, 2026 9:04 AM
To: Pat Hendricks <path@revoswel.com>
Cc: Darren Burrichter <darren@revoswel.com>
Subject: FW: Repair charges

We will be charged $1200 for the repairs done so far. Plus, whatever material is needed to do the repair.

Darren, can you send me the pdfs of the repairs please. I will go through it with Pat and we can come up with a number to give to Tom.

Thank you!

Andy Ries
Truss Department Manager
Office : 319-377-9868
Cell : 319-361-0936

ReVosWel
TRUSSES • WALLS • FLOORS

From: Michal Mazurek <Michal.Mazurek@mii.com>
Sent: Tuesday, June 9, 2026 9:01 AM
To: Andy R. <andyr@revoswel.com>
Subject: RE: Repair charges

So the charges should be for the one $50 job for the MMC building and the other should be for the first RO building being the $1150 repair. I will zero the second the repair for the RO building since that was a modify of the first repair I did.
Thanks,

MICHAL C. MAZUREK, E.I.T
Design Engineer

MiTek
16023 Swingley Ridge Road | Chesterfield, MO 63017
O: 314-851-7671
michal.mazurek@mii.com | www.mii.com

From: Andy R. <andyr@revoswel.com>
Sent: Tuesday, June 9, 2026 8:56 AM
To: Michal Mazurek <Michal.Mazurek@mii.com>
Subject: Repair charges

Hi Michal,
I was asked to verify the repair charges for the following jobs. It was the job that the building codes changed.

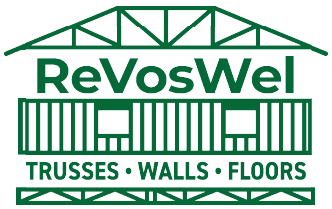
Can you verify what we are going to be charged? The customer is asking.

MMC building – I82348414 -- $50
RO building – I82347416 – $1150.00
RO building – I82462233 - $11.50.

Please let me know.

Thank you!

Andy Ries
Truss Department Manager
Office : 319-377-9868
Cell : 319-361-0936



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BEISSER LUMBER COMPANY

Beisser Lumber
415 Westcor Drive
Coralville, IA 52241
Phone: (319)-545-7120

ORDER ACKNOWLEDGMENT

0001497479

Account: TRIC1000 0017
Branch: 40CV
Phone: (563)-588-9516
Fax:

Bill To: Tricon General Construction
2245 Kerper Blvd
Suite # 2
Dubuque, IA 52001

Ship To: Tricon General Construction
109 South Brown Street
Tiffin WTP
Tifffin, IA 52340

PO: **Ref:** Sheathing **Job:**

Order Date: 06/09/26 **Sales** steves **Type:** WillCall **Ship Via:** Will Call
Exp Delv Date: 06/09/26 **Agents** steves **Ordered By:** Andy

QUANTITY	UOM	ITEM/DESCRIPTION	PRICE/UOM	AMOUNT
13	Each	osbtolko4850 4x8-1/2" OSB - Tolko (blue) 13/Each Loc:WHCenter	12.40/Each	161.20
3	Each	osbtolko4875tg 4x8-3/4" T&G Tolko OSB Blue Edge 3/Each Loc:WHCenter	18.94/Each	56.82
		Subtotal		218.02
		IA,Johnson,Coralville		13.08

Return Policy:
- Stock material can be returned up to 180 days after invoicing.
- All returns must be clean, uncut, no visible defects, and suitable for resale. Non-Sellable material will be disposed of.
- Beisser Lumber reserves the right to inspect material before issuing credit.
- Product sold in bundle, package, carton, pair, or set quantities must be returned in same quantities & unopen.
- Non-stock items, IF accepted for credit, a minimum 25% return charge will be assessed. NOTE: Substantial time delay when processing these credits, since we must first return the items to our supplier. Supplier will also inspect items before a credit can be processed. Delay times of three or more weeks are not unusual.
- Windows, Doors, & Prefinished Trim cannot be returned.
- Our return policy is subject to change without notice.

Payment Terms:
Due 10th of Following Month

Balance **$231.10**

Printed: 06/09/26 07:51:12 **Weight:** 16.00 **Load:** 16.00

LOWE'S®

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LOWE'S HOME CENTERS, LLC
2701 2ND STREET
CORALVILLE, IA 52241 (319) 545-8300

- SALE -

SALES#: S1688NA1 940651 TRANS#: 80794112 06-09-26

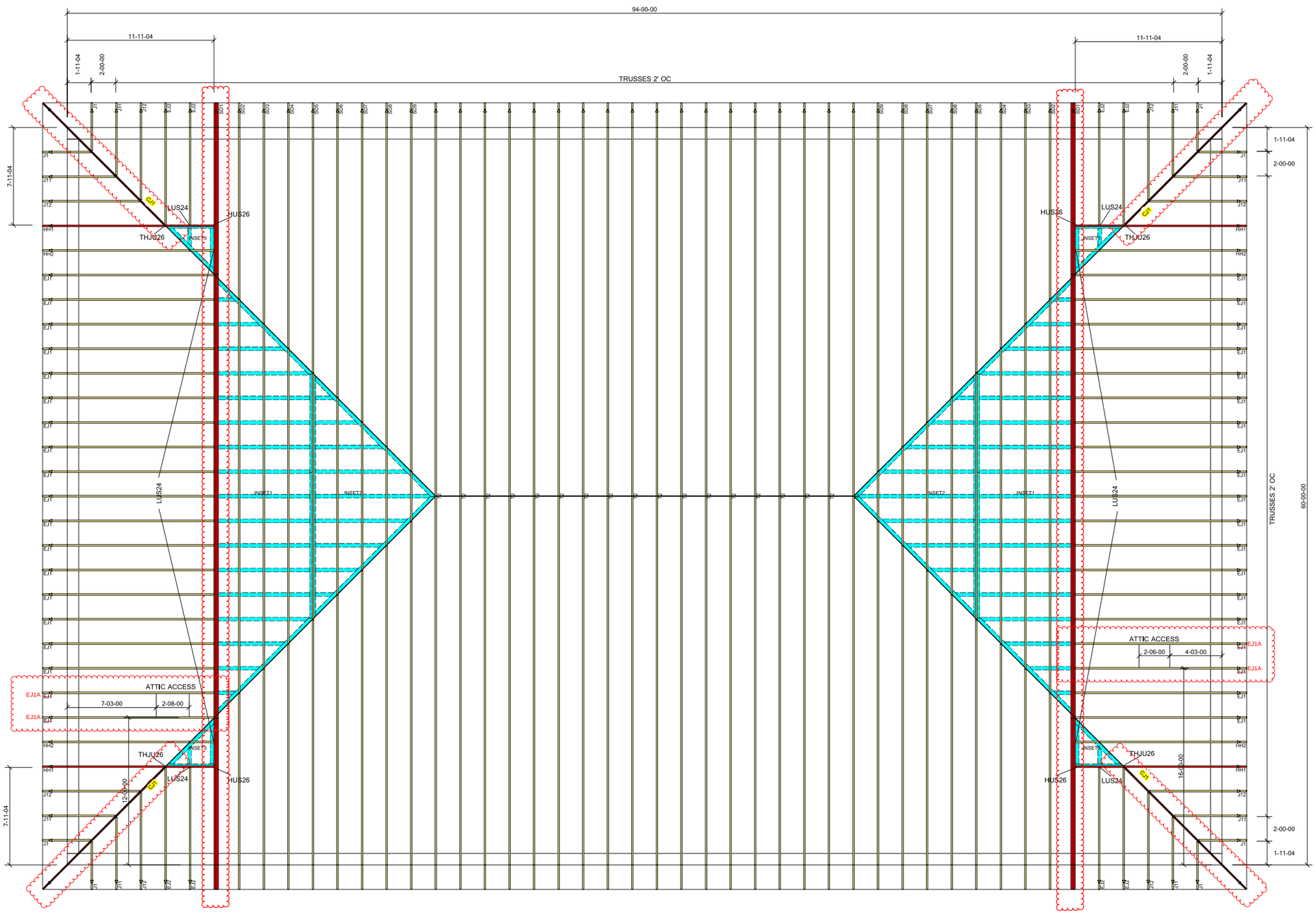
688887 MET 3X.131 30D S B FR NAI 254.92
74.98 DISCOUNT EACH -11.25
4 @ 63.73

SUBTOTAL:	254.92
TOTAL TAX:	0.00
INVOICE 99919 TOTAL:	254.92
VISA:	254.92

TOTAL SAVINGS THIS TRIP: $45.00

VISA: XXXXXXXXXXXX2318 AMOUNT: 254.92 AUTHCD: 04023G
TAP REFID:168802919396 06/09/26 07:27:59

Required truss modifications due to code changes indicated here



RO BUILDING

SIMPSON Strong-Tie Hangers

HANGER TYPE	FASTENERS			
	CARRYING MEMBER		CARRIED MEMBER	
	TOP	FACE	STRAIGHT	SLANT
FACE MOUNT INSTALLATION				
TJC37	NONE	4-N8	4-N8	NONE
LUS24Z	NONE	4-N10	NONE	2-10dx3"
LUS24Z (1-PLY)	NONE	4-N10	NONE	2-10dx3"
HUS26	NONE	14-16dx3-1/2"	NONE	6-16dx3-1/2"
HUS26 (1-PLY)	NONE	14-N10	NONE	6-16dx3-1/2"
HHUS28-2	NONE	22-16dx3-1/2"	NONE	8-16dx3-1/2"
HGUS28-2	NONE	35-16dx3-1/2"	NONE	12-16dx3-1/2"
HUS1.81/10	NONE	30-16dX3-1/2"	NONE	10-16dX3-1/2"
CORNER JACK HANGER				
	CARRYING MEMBER		CARRIED MEMBER	
	TOP	FACE	HIP (CJ1)	JACK (EJ1)
THJU26(W) - 1 PLY GIRDER	NONE	16-N10	4-N10	4-10dx3"
TRUSS BEARING ENHANCER				
		TRUSS		WALL PLATE
TBE4 - PER EACH TBE4		10-10dx3"		10-10dx3"
TBE6 - PEREACH TBE6		10-10dx3"		10-10dx3"

BUILDING CODE: IBC2015
SNOW LOAD APPLIED: YES
GROUND SNOW: 25 PSF
ROOF SNOW: 18 PSF

LOADING:
TCLL = 20 PSF
TCDL = 10 PSF
BCLL = 0 PSF
BCDL = 10 PSF

WIND LOADING
120 MPH EXP "B"

Client: TRICON
Address:
Contact:
Sales: PAT HENDRICKS
Scale: 1/4"=1'-0"
Date: 12/10/2025
Sheet Desc.: ROOF TRUSS LAYOUT
Site Information: TRICON - TIFFIN WATER TREATMENT
Job # 25157A-RO
Drawn By: DARREN BURRICHTER

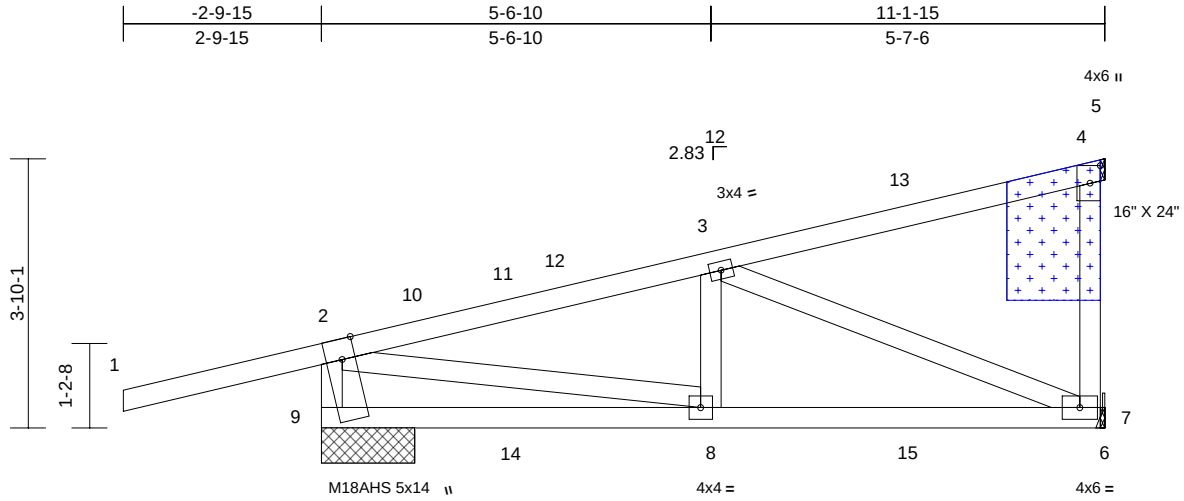
320 35th STREET
MARION, IOWA
52302
TEL 319-377-4868
FAX 319-377-4961
REVOSWEL TRUSS & LUMBER

Job	Truss	Truss Type	Qty	Ply	TIFFIN WATER TREATMENT PLANT / STRUCTURE 20
26045-RO	CJ1	Diagonal Hip Girder	4	1	I82462233 Job Reference (optional)

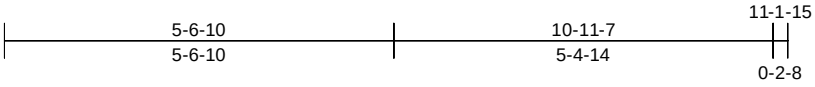
Revoswel Truss & Lumber, LLC, Marion, IA - 52302, Run: 25.40 E Dec 15 2025 Print: 25.4.0 E Dec 15 2025 MiTek Industries, Inc. Thu Jun 04 14:17:11 Page: 1

ID:7BQ0ck6_JHZdvKPoRVBB40ygiRV-yin4VumAvs9LqLR4YwAHmsHC2017cNiIjHmtNvz9eD7

REPAIR:
BUILDING CODE CHANGED FROM 2015 TO 2018



ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" RATED SHEATHING 32/16 EXP 1) TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE: 2 X 4'S - 3 ROWS: SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE.



Scale = 1:32.8

Plate Offsets (X, Y): [9:0-3-8,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.02	8-9	>999	360	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	-0.04	7-8	>999	240	M18AHS	142/136
TCDL	10.0	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.01	7	n/a	n/a		
BCLL	0.0	Code	IBC2018/TPI2014	Matrix-R								
BCDL	10.0										Weight: 48 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SPF 2100F 1.8E
BOT CHORD 2x4 SPF 2100F 1.8E
WEBS 2x4 SPF No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 7=691/ Mechanical, 9=683/1-3-15
Max Horiz 9=232 (LC 8)
Max Uplift 7=-196 (LC 8), 9=-296 (LC 7)
Max Grav 7=734 (LC 12), 9=720 (LC 19)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-663/299, 2-10=-919/229, 10-11=-904/234, 11-12=-893/226, 3-12=-875/234, 4-7=-327/126
BOT CHORD 9-14=-326/165, 8-14=-326/165, 8-15=-326/918, 7-15=-326/918
WEBS 2-8=-223/953, 3-7=-852/301

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. III; Exp B; Enclosed; C-C Corner (3) -2-9-15 to 1-5-0, Exterior(2R) 1-5-0 to 11-1-15; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Pf=19.2 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.1; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00; Min. flat roof snow load governs.
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.2 psf on overhangs non-concurrent with other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 296 lb uplift at joint 9 and 196 lb uplift at joint 7.
9) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 54 lb up at 2-8-7, 54 lb up at 2-8-7, 65 lb down and 83 lb up at 5-6-6, 65 lb down and 83 lb up at 5-6-6, and 177 lb down and 111 lb up at 8-4-5, and 177 lb down and 111 lb up at 8-4-5 on top chord, and 4 lb down and 18 lb up at 2-8-7, 4 lb down and 18 lb up at 2-8-7, 14 lb down and 13 lb up at 5-6-6, 14 lb down and 13 lb up at 5-6-6, and 34 lb down at 8-4-5, and 34 lb down at 8-4-5 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (lb/ft)
Vert: 1-2=-59, 2-4=-59, 4-5=-59, 6-9=-20
Concentrated Loads (lb)
Vert: 8=-19 (F=-9, B=-9), 3=-55 (F=-27, B=-27), 11=74 (F=37, B=37), 13=-277 (F=-139, B=-139), 15=-59 (F=-29, B=-29)

Material:
- 4 trusses x 2 gussets/ truss = 8 gussets
- 1 sheets of 1/2" plywood
- Nails 0.131 x 2.5

Labor:
2 Carpenters for 1 hrs each to layout, cut
2 Carpenters for 2 hrs each to attach new gussets in existing attic space

June 5,2026

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcscomponents.com)

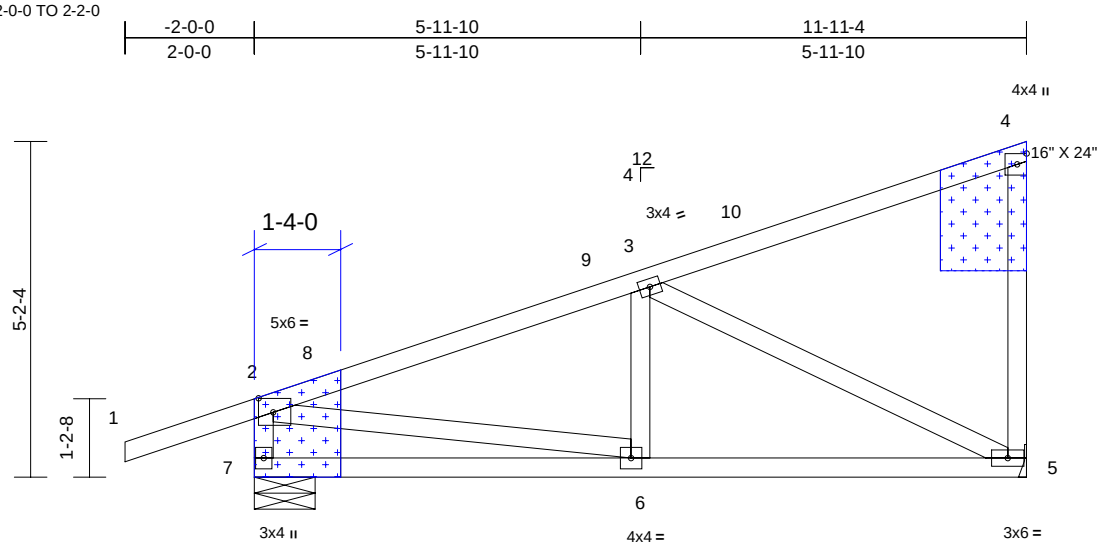
MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	TIFFIN WATER TREATMENT PLANT / STRUCTURE 20
26045-RO	EJ1A	Jack-Closed	4	1	I82462235 Job Reference (optional)

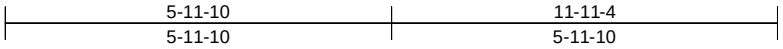
Revoswel Truss & Lumber, LLC, Marion, IA - 52302, Run: 25.40 E Dec 15 2025 Print: 25.4.0 E Dec 15 2025 MiTek Industries, Inc. Thu Jun 04 14:19:08 Page: 1

ID:7vua1wvKJ3Q1MjcXxROCuRygiRm-VPwhGEBB761b_UTlSilyYkARGaJuFjhfseM7W4z9eBH

REPAIR:
BUILDING CODE CHANGED FROM 2015 TO 2018
SPACING CHANGED FROM 2-0-0 TO 2-2-0



ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" RATED SHEATHING 32/16 EXP 1) TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE: 2 X 4'S - 3 ROWS: SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE.



Scale = 1:35.6

Plate Offsets (X, Y): [2:0-2-11,0-2-10]

Loading	(psf)	Spacing	2-2-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.02	6-7	>999	360	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.03	5-6	>999	240		
TCDL	10.0	Rep Stress Incr	NO	WB	0.51	Horz(CT)	0.01	5	n/a	n/a		
BCLL	0.0	Code	IBC2018/TPI2014	Matrix-R								
BCDL	10.0										Weight: 53 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SPF 2100F 1.8E
BOT CHORD 2x4 SPF 2100F 1.8E
WEBS 2x4 SPF No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 5=483/ Mechanical, 7=644/0-11-4
Max Horiz 7=283 (LC 8)
Max Uplift 5=-141 (LC 8), 7=-123 (LC 7)
Max Grav 5=624 (LC 12), 7=698 (LC 12)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-630/160, 2-8=-770/27, 8-9=-666/37, 3-9=-664/48
BOT CHORD 6-7=-230/295, 5-6=-170/678
WEBS 3-5=-703/126, 2-6=-41/588

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. III; Exp B; Enclosed; C-C Exterior(2E) -2-0-0 to 1-0-0, Interior (1) 1-0-0 to 11-9-8; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Pf=19.2 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.1; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.2 psf on overhangs non-concurrent with other live loads.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 123 lb uplift at joint 7 and 141 lb uplift at joint 5.
8) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Material:
- 4 trusses x 4 gussets/ truss = 16 gussets
- 3 sheets of 1/2" plywood
- Nails 0.131 x 2.5

Labor:
2 Carpenters for 2 hrs each to layout, cut
2 Carpenters for 2 hrs each to attach new gussets in existing attic space

June 5,2026

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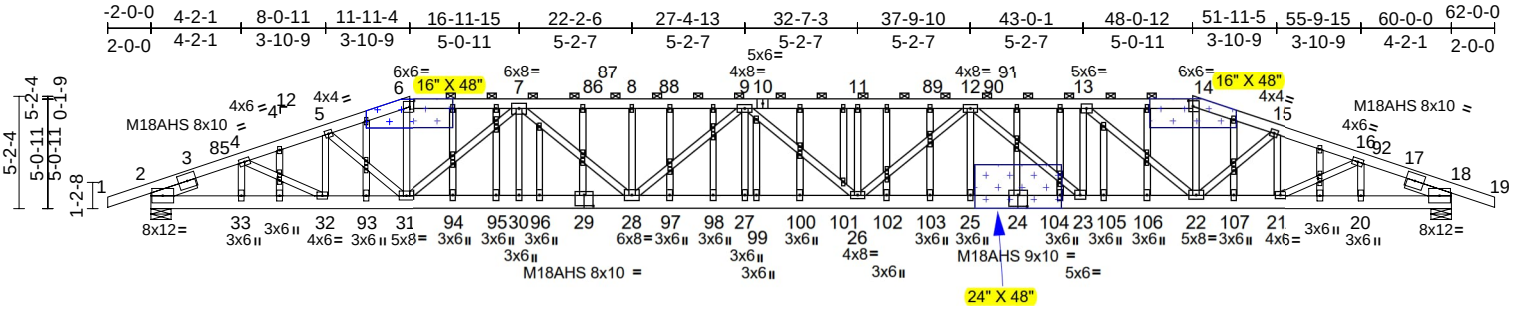
MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	TIFFIN WATER TREATMENT PLANT / STRUCTURE 20
26045-RO	SD1	Hip Girder	2	3	I82462245 Job Reference (optional)

Revoswel Truss & Lumber, LLC, Marion, IA - 52302, Run: 25.40 S Dec 15 2025 Print: 25.4.0 S Dec 15 2025 MiTek Industries, Inc. Thu Jun 04 14:23:28 ID:gmKcQHVBzW4iFTmHNOf?TMygiJF-uQd_q8LHu?niARLjhJyw4Zxn4NywAI?xe5Lse?z9e7D Page: 1

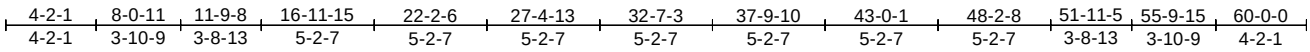
REPAIR:
BUILDING CODE CHANGED FROM 2015 TO 2018



ATTACH 3/4" PLYWOOD OR OSB GUSSET (23/32" RATED SHEATHING 48/24 EXP 1) TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE: 2 X 4'S - 3 ROWS, 2 X 6'S AND LARGER - 4 ROWS: SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE.

Material:
- 2 trusses x 6 gussets/ truss = 12 gussets
- 4 gussets/plywood sheet
- 3 sheets of 3/4" plywood
- Nails 0.131 x 2.5

Labor:
2 Carpenters for 1 hrs each to layout, cut
2 Carpenters for 2 hrs each to attach new gussets in existing attic space



Scale = 1:106.3

Plate Offsets (X, Y): [2:0-0-8,0-5-7], [6:0-2-8,0-3-0], [14:0-2-8,0-3-0], [18:0-0-8,0-5-7], [24:0-5-0,0-6-4], [29:0-5-0,0-6-0], [37:0-1-13,0-1-0], [84:0-1-13,0-1-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.95	26-27	>758	360	MT20	197/144
Snow (Pf/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.60	Vert(CT)	-1.58	26-27	>455	240	M18AHS	142/136
TCDL	10.0	Rep Stress Incr	NO	WB	0.58	Horz(CT)	0.30	18	n/a	n/a		
BCLL	0.0	Code	IBC2018/TPI2014	Matrix-R								
BCDL	10.0										Weight: 1464 lb	FT = 20%

LUMBER
TOP CHORD 2x6 SP 2400F 2.0E
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SPF No.2
OTHERS 2x4 SPF No.2
SLIDER Left 2x6 SPF No.2 -- 2-1-15, Right 2x6 SPF No.2 -- 2-1-15

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (5-11-7 max.): 6-14.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=9724/0-11-4, 18=9764/0-11-4
Max Horiz 2=-14 (LC 7)
Max Uplift 2=-1080 (LC 7), 18=-1085 (LC 8)
Max Grav 2=9743 (LC 12), 18=9783 (LC 13)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-19137/2046, 3-85=-19170/2053, 4-85=-19152/2062, 4-5=-23465/2537, 5-6=-24056/2526, 6-7=-22726/2398, 7-86=-33893/3413, 86-87=-33893/3413, 8-87=-33893/3413, 8-88=-33893/3413, 9-88=-33893/3413, 9-10=-36072/3604, 10-11=-36072/3604, 11-89=-36072/3604, 12-89=-36072/3604, 12-90=-29522/3029, 90-91=-29522/3029, 13-91=-29522/3029, 13-14=-22868/2414, 14-15=-24206/2542, 15-16=-23555/2547, 16-92=-19237/2071, 17-92=-19254/2063, 17-18=-19222/2056
BOT CHORD 2-33=-1847/17433, 32-33=-1847/17433, 32-93=-2355/22375, 31-93=-2355/22375, 31-94=-2888/29443, 94-95=-2888/29443, 30-95=-2888/29443, 30-96=-2888/29443, 29-96=-2888/29443, 28-29=-2888/29443, 28-97=-3484/36110, 97-98=-3484/36110, 27-98=-3484/36110, 27-99=-3484/36110, 99-100=-3484/36110, 100-101=-3484/36110, 26-101=-3484/36110, 26-102=-3313/34039, 102-103=-3313/34039, 25-103=-3313/34039, 24-25=-3313/34039, 24-104=-3313/34039, 23-104=-3313/34039, 23-105=-2909/29522, 105-106=-2909/29522, 22-106=-2909/29522, 22-107=-2351/22461, 21-107=-2351/22461, 20-21=-1842/17510, 18-20=-1842/17510
WEBS 4-33=-1446/209, 4-32=-597/5592, 5-32=-775/32, 5-31=0/770, 6-31=-695/7035, 7-31=-8904/829, 7-30=-85/1410, 7-28=-530/5898, 8-28=-404/74, 9-28=-3007/283, 9-27=-108/1603, 11-26=-262/92, 12-26=-248/2772, 12-25=-117/1687, 12-23=-5986/545, 13-23=-429/5237, 13-22=-8821/817, 14-22=-699/7080, 15-22=0/846, 15-21=-847/39, 16-21=-598/5602, 16-20=-1440/209

NOTES
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-6-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. III; Exp B; Enclosed; C-C Exterior(2E) -2-0-0 to 4-2-1, Interior (1) 4-2-1 to 11-11-4, Exterior(2R) 11-11-4 to 20-5-1, Interior (1) 20-5-1 to 48-0-12, Exterior(2R) 48-0-12 to 56-6-9, Interior (1) 56-6-9 to 62-0-0; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
5) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.

June 5,2026

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcscomponents.com)

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6) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Pf=19.2 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.1; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.00, Lu=30-0-0
7) Unbalanced snow loads have been considered for this design.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 19.2 psf on overhangs non-concurrent with other live loads.
9) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/ bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
10) Provide adequate drainage to prevent water ponding.
11) All plates are MT20 plates unless otherwise indicated.
12) All plates are 2x4 (||) MT20 unless otherwise indicated.
13) Gable studs spaced at 2-0-0 oc.
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1080 lb uplift at joint 2 and 1085 lb uplift at joint 18.
15) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
16) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
17) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1475 lb down and 258 lb up at 8-0-0, 488 lb down and 62 lb up at 10-0-0, 556 lb down and 62 lb up at 12-0-0, 556 lb down and 62 lb up at 14-0-0, 556 lb down and 62 lb up at 16-0-0, 556 lb down and 62 lb up at 18-0-0, 556 lb down and 62 lb up at 20-0-0, 556 lb down and 62 lb up at 22-0-0, 556 lb down and 62 lb up at 24-0-0, 556 lb down and 62 lb up at 26-0-0, 556 lb down and 62 lb up at 28-0-0, 556 lb down and 62 lb up at 30-0-0, 556 lb down and 62 lb up at 32-0-0, 556 lb down and 62 lb up at 34-0-0, 556 lb down and 62 lb up at 36-0-0, 556 lb down and 62 lb up at 38-0-0, 556 lb down and 62 lb up at 40-0-0, 603 lb down and 67 lb up at 41-8-4, 603 lb down and 67 lb up at 44-3-12, 556 lb down and 62 lb up at 46-0-0, 556 lb down and 62 lb up at 48-0-0, and 488 lb down and 62 lb up at 50-0-0, and 1475 lb down and 258 lb up at 52-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

18) Studding applied to ply: 3(Back)

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (lb/ft)
   Vert: 1-6=-59, 6-14=-59, 14-19=-59, 2-18=-20
   Concentrated Loads (lb)
   Vert: 32=-1458 (F), 31=-556 (F), 28=-556 (F), 25=-556 (F), 22=-556 (F), 21=-1458 (F), 29=-556 (F), 24=-556 (F), 93=-481 (F), 94=-556 (F), 95=-556 (F), 96=-556 (F), 97=-556 (F), 98=-556 (F), 99=-556 (F), 100=-556 (F), 101=-556 (F), 102=-556 (F), 103=-556 (F), 104=-603 (F), 105=-603 (F), 106=-556 (F), 107=-481 (F)

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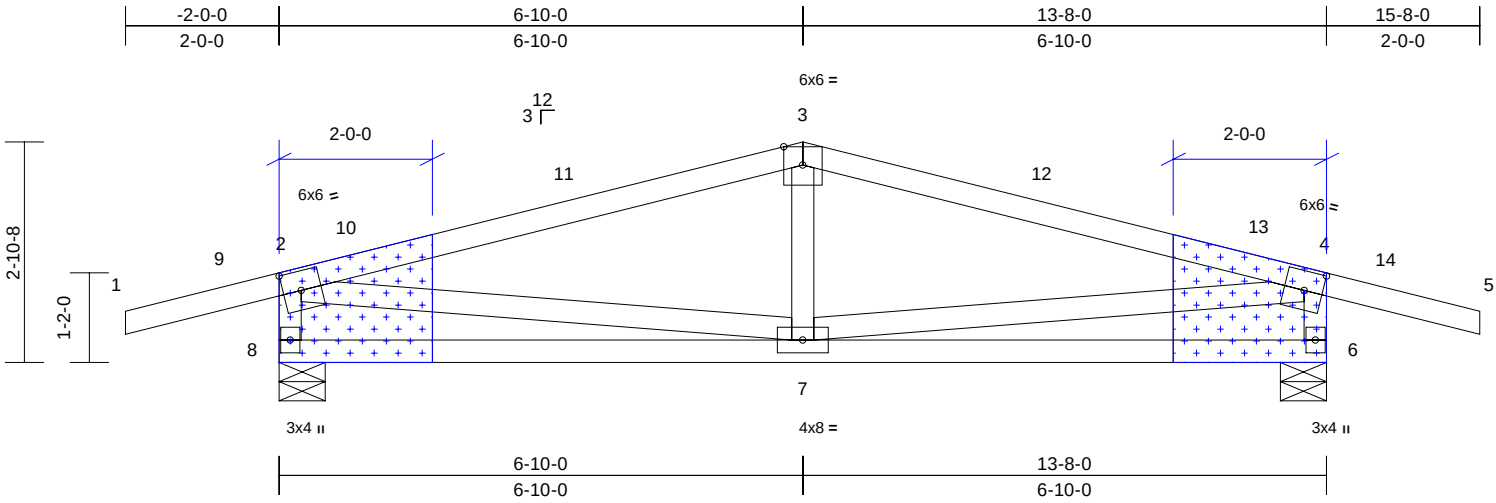
Job	Truss	Truss Type	Qty	Ply	TRICON - TIFFIN WATER TREATMENT
25157A-MCC	T3	Common	17	1	I82348414
					Job Reference (optional)

Revoswel Truss & Lumber, LLC, Marion, IA - 52302,

Run: 25.40 E Dec 15 2025 Print: 25.4.0 E Dec 15 2025 MiTek Industries, Inc. Tue Jun 02 09:44:06 ID:RQVViIRwruYqiUc4FXgBVqyzWle-kd_LizF3FmrUcgAEMBZijZJuNOUGk?GwiKUXpszAMP8

REPAIR:
BUILDING CODE CHANGED FROM 2015 TO 2018

MCC Room Trusses



ATTACH 1/2" PLYWOOD OR OSB GUSSET (15/32" RATED SHEATHING 32/16 EXP 1) TO EACH FACE OF TRUSS WITH (0.131" X 2.5" MIN.) NAILS PER THE FOLLOWING NAIL SCHEDULE: 2 X 4'S - 3 ROWS: SPACED @ 4" O.C. NAILS TO BE DRIVEN FROM BOTH FACES. STAGGER SPACING FROM FRONT TO BACK FACE FOR A NET 2" O.C. SPACING IN EACH COVERED TRUSS MEMBER. USE 2" MEMBER END DISTANCE.

Scale = 1:30.1

Plate Offsets (X, Y): [2:0-2-14,0-3-0], [4:0-2-14,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.02	7	>999	360	MT20	197/144
Snow (Pf/Pg)	23.1/25.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.04	6-7	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0	Code	IBC2018/TPI2014	Matrix-R								
BCDL	10.0										Weight: 55 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SPF 2100F 1.8E
BOT CHORD 2x4 SPF 2100F 1.8E
WEBS 2x4 SPF No.2

BRACING
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS (lb/size) 6=719/0-7-4, 8=719/0-7-4
Max Horiz 8=-40 (LC 7)
Max Uplift 6=-129 (LC 8), 8=-129 (LC 7)
Max Grav 6=812 (LC 13), 8=812 (LC 12)

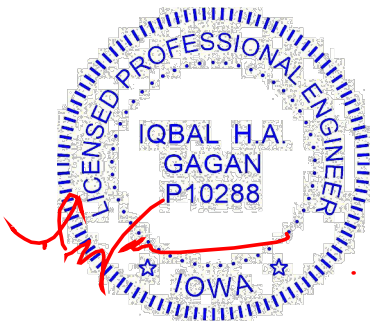
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-10=-876/85, 10-11=-822/92, 3-11=-817/102, 3-12=-817/103, 12-13=-822/92, 4-13=-876/85, 2-8=-739/166, 4-6=-739/167
BOT CHORD 7-8=-68/338, 6-7=-68/338
WEBS 2-7=-112/653, 4-7=-114/653

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. III; Exp B; Enclosed; C-C Exterior(2E) -2-0-0 to 1-0-0, Interior (1) 1-0-0 to 6-10-0, Exterior(2R) 6-10-0 to 9-10-0, Interior (1) 9-10-0 to 15-8-0; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Pf=23.1 psf (Lum DOL = 1.15 Plate DOL = 1.15); Is=1.1; Rough Cat B; Sheltered; Ce=1.2; Cs=1.00; Ct=1.00
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 23.1 psf on overhangs non-concurrent with other live loads.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 129 lb uplift at joint 8 and 129 lb uplift at joint 6.
7) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Material:
-17 trusses x 4 gussets/ truss = 68 gussets
- 8 gussets/plywood sheet
- 9 sheets of plywood

Labor:
2 Carpenters for 8 hrs each to layout, cut, and attach new gussets, handle/shake out all trusses for access - 16 Hrs



June 2,2026

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City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Approval of Pay Application #12 – Tricon Construction Group - Water Treatment Facility Upgrade
ACTION:	Motion

Background

Tricon Construction Group has submitted Pay Application No. 12 for work completed on the City of Tiffin Water Treatment Plant Upgrades project. MSA Professional Services is serving as the project engineer and has reviewed the application and recommended payment. The application covers the period from July 24, 2026, through August 21, 2026, with an application date of August 21, 2026.

The original contract amount for the project is $12,182,563.00. Approved change orders have resulted in a net increase of $20,148.91, bringing the current contract amount to $12,202,701.91.

The application indicates that approximately 77% of the current contract amount has been completed or accounted for through work completed and stored materials.

The application also includes a stored materials summary. Materials currently identified as stored or onsite include items such as vault doors, valves, pumps and motors, instrumentation, panelboards, chemical equipment, piping and fittings, and other water treatment plant equipment.

Recommendation

Staff recommends approval of Pay Application No. 12 from Tricon Construction Group in the amount of $1,749,583.52 for the Water Treatment Plant Upgrades project, as reviewed and recommended by MSA Professional Services.

ATTACHMENTS: Pay Application

Contractor's Application for Payment

Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:	Water Treatment Plant Upgrades		

Application No.: 12R **Application Date:** 8/21/2026

Application Period: **From** 7/24/2026 **to** 8/21/2026

1. Original Contract Price		$	12,182,553.00
2. Net change by Change Orders		$	20,148.91
3. Current Contract Price (Line 1 + Line 2)		$	12,202,701.91
4. Total Work completed and materials stored to date		$	9,354,190.28
(Sum of Column G Lump Sum Total and Column G Unit Price Total)		$	9,354,190.28
5. Retainage			
a. 5% X $ 8,552,711.10 Work Completed		$	427,635.56
b. 5% X $ 801,479.18 Stored Materials		$	40,073.96
c. Total Retainage (Line 5.a + Line 5.b)		$	467,709.52
6. Amount eligible to date (Line 4 - Line 5.c)		$	8,886,480.76
7. Less previous payments (Line 6 from prior application)		$	7,136,897.24
8. **Amount due this application**		$	1,749,583.52
9. Balance to finish, including retainage (Line 3 - Line 4, plus 5c)		$	3,316,221.15

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

Contractor: Tricon Construction Group

Signature: Mary K. Stone **Date:** 8-22-2026

PAYMENT OF: $ **1,749,583.52**

(line 8 or other - attach explanation of the other amount)

Recommended by Engineer		**Approved by Owner**	
By:	Claire Wiener	**By:**	
Title:	Senior Project Engineer	**Title:**	
Date:	8/27/2026	**Date:**	

Approved by Funding Agency			
By:		**By:**	
Title:		**Title:**	
Date:		**Date:**	

EJCDC® C-620 Contractor's Application for Payment
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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** From 07/24/26 to 08/21/26 **Application Date:** 08/21/26

A	B	C	D	E	F	G	H	I
			Work Completed					
Item No.	Description	Scheduled Value ($)	(D + E) From Previous Application ($)	This Period ($)	Materials Currently Stored (not in D or E) ($)	Work Completed and Materials Stored to Date (D + E + F) ($)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) ($)
			Original Contract					
00	**General Requirements**					-		-
01	General Conditions	$588,953.00	429,845.57	78,153.74		507,999.31	86%	80,953.69
02	Bond/Buider's Risk Insurance	$199,542.00	199,542.00			199,542.00	100%	-
03	Allowance EP1 - Generator & ATS	$329,890.00	329,890.00			329,890.00	100%	-
04	Allowance EP2 Electrical Equipment	Line item 167	-			-		-
05	Allowance - Electrical Service	$5,000.00	-			-	0%	5,000.00
06	Mobilization	$350,000.00	350,000.00			350,000.00	100%	-
07	Site Testing	$53,736.00	41,499.99	5,059.16		46,559.15	87%	7,176.85
08	Traffic Control	$10,000.00	5,000.00	2,000.00		7,000.00	70%	3,000.00
09	Portable Toilets	$5,400.00	2,484.64	1,250.00		3,734.64	69%	1,665.36
10	Dumpster	$14,600.00	7,500.00	2,000.00		9,500.00	65%	5,100.00
11	Concrete Washout Pit	$2,400.00	1,680.00	240.00		1,920.00	80%	480.00
12	Erosion Control	$8,250.00	5,000.00	1,000.00		6,000.00	73%	2,250.00
13			-			-		-
14	**Existing Conditions**		-			-		-
15	Structure Demolition	$33,445.00	-			-	0%	33,445.00
16			-			-		-
17	**Concrete**		-			-		-
18	**Structure 10 - Existing Building**		-			-		-
19	Rebar - Materials	$54,588.00	49,129.20			49,129.20	90%	5,458.80
20	Rebar - Labor	$46,399.80	41,759.82			41,759.82	90%	4,639.98
21	Concrete - Materials	$165,884.00	149,295.60			149,295.60	90%	16,588.40
22	Concrete - Labor	$91,308.20	82,177.38			82,177.38	90%	9,130.82
23	**Structure 20 - RO Building**		-			-		-
24	Rebar - Materials	$84,556.00	80,328.20	4,227.80		84,556.00	100%	-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

25	Rebar - Labor	$71,872.60	68,278.97	3,593.63		71,872.60	100%	-
26	Base Footings Materials	$89,665.00	89,665.00			89,665.00	100%	-
27	Base Footings Labor	$49,315.75	49,315.75			49,315.75	100%	-
28	Wall Footings Materials	$98,663.00	98,663.00			98,663.00	100%	-
29	Wall Footings Labor	$54,264.65	54,264.65			54,264.65	100%	-
30	Floor Slab Materials	$156,442.00	156,442.00			156,442.00	100%	-
31	Floor Slab Labor	$88,874.50	88,874.50			88,874.50	100%	-
32	Equipment Pads Materials	$1,515.00	1,363.50			1,363.50	90%	151.50
33	Equipment Pads Labor	$3,451.50	3,106.35			3,106.35	90%	345.15
34	Precast Concrete Materials	$575,000.00	575,000.00			575,000.00	100%	-
35	Precast Concrete Labor	$204,412.67	204,412.67			204,412.67	100%	-
36	**Structure 30- Clearwell**		-			-		-
37	Rebar Materials	$204,551.00	132,958.15	71,592.85		204,551.00	100%	-
38	Rebar labor	$112,503.05	73,126.98	39,376.07		112,503.05	100%	-
39	Mat Foundation - Materials	$123,255.00	123,255.00			123,255.00	100%	-
40	Mat Foundation - Labor	$68,450.80	68,450.80			68,450.80	100%	-
41	Walls - Materials	$78,452.00	78,452.00			78,452.00	100%	-
42	Walls - Labor	$98,065.00	88,258.50			88,258.50	90%	9,806.50
43	Elevated Slab - Materials	$198,553.00	198,553.00			198,553.00	100%	-
44	Elevated Slab - Labor	$109,204.15	109,204.15			109,204.15	100%	-
45	Precast Concrete - Materials	$210,000.00	202,500.00			202,500.00	96%	7,500.00
46	Precast Concrete - Labor	$61,058.33	48,846.67	12,211.67		61,058.34	100%	(0.01)
47			-			-		-
48	**Masonry**		-			-		-
49	Masonry - Materials	$15,116.00	-	15,116.00		15,116.00	100%	-
50	Masonry - Labor	$50,603.00	-	50,603.00		50,603.00	100%	-
51			-			-		-
52	**Metals**		-			-		-
53	Metal Fabrications - Materials	$57,200.00	-			-	0%	57,200.00
54	Metal Fabrications - Labor	$13,556.25	-			-	0%	13,556.25
55	Handrails & Railings Labor	$5,966.50	-			-	0%	5,966.50

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Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:			

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

56	Grating - Labor	$2,777.25	-			-	0%	2,777.25
57			-			-		-
58	**Wood, Plastics and Composites**		-			-		-
59	**Structure 10 - Existing Building**		-			-		-
60	Walls, Headers, Mezz Hardware - M	$15,568.75	-			-	0%	15,568.75
61	Walls, Headers, Mezz Hardware - L	$45,669.32	-			-	0%	45,669.32
62	Trusses - Materials	$15,887.00	-			-	0%	15,887.00
63	Trusses - Labor	$55,229.36	-			-	0%	55,229.36
64	**Structure 20 - RO Building**		-			-		-
65	Walls, Headers, Mezz Hardware - M	$25,568.65	9,915.93			9,915.93	39%	15,652.72
66	Walls, Headers, Mezz Hardware - L	$55,565.78	16,669.73			16,669.73	30%	38,896.05
67	Trusses - Materials	$33,966.50	33,966.50			33,966.50	100%	-
68	Trusses - Labor	$79,156.72	75,198.88	3,957.84		79,156.72	100%	-
69	FRP Grating - Materials	$32,000.00	16,000.00	14,400.00	-	30,400.00	95%	1,600.00
70	FRP Grating - Labor	$17,836.00	500.00	16,444.20		16,944.20	95%	891.80
71	**Structural 30 - Clearwell**		-			-		-
72	Walls, Headers, Hardware - Materials	$3,692.40	1,846.20	1,846.20		3,692.40	100%	-
73	Walls, Headers, Hardware - Labor	$18,569.52	9,284.76	9,284.76		18,569.52	100%	-
74	Trusses - Materials	$5,858.50	5,858.50			5,858.50	100%	-
75	Trusses - Labor	$16,979.50	16,979.50			16,979.50	100%	-
76			-			-		-
77	**Thermal & Moisture Protection**		-			-		-
78	Blown Insulation	$20,001.00	-			-	0%	20,001.00
79	**Structure 10 - Existing Building**		-			-		-
80	Metal Roofing - Materials	$11,566.00	-			-	0%	11,566.00
81	Metal Roofing - Labor	$6,541.50	-			-	0%	6,541.50
82	Preformed Metal Soffit - Materials	$1,586.00	-			-	0%	1,586.00
83	Preformed Metal Soffit - Labor	$1,852.50	-			-	0%	1,852.50
84	Gutters & Downspouts - Materials	$2,500.00	-			-	0%	2,500.00
85	Gutters & Downspouts - Labor	$3,215.00	-			-	0%	3,215.00
86	**Structure 20 - RO Building**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

87	Metal Roofing - Materials	$35,256.00	22,916.40			22,916.40	65%	12,339.60
88	Metal Roofing - Labor	$40,587.00	26,381.55			26,381.55	65%	14,205.45
89	Preformed Metal Soffit - Materials	$5,877.00	-			-	0%	5,877.00
90	Preformed Metal Soffit - Labor	$9,992.12	-			-	0%	9,992.12
91	Gutters & Downspouts - Materials	$5,600.00	-			-	0%	5,600.00
92	Gutters & Downspouts - Labor	$8,544.32	-			-	0%	8,544.32
93	**Structure 30 - Clearwell**		-			-		-
94	Metal Roofing - Materials	$9,442.00	-	944.20		944.20	10%	8,497.80
95	Metal Roofing - Labor	$11,566.68	-	1,156.67		1,156.67	10%	10,410.01
96	Preformed Metal Soffit - Materials	$3,655.00	-			-	0%	3,655.00
97	Preformed Metal Soffit - Labor	$6,552.46	-			-	0%	6,552.46
98	Gutters & Downspouts - Materials	$2,651.00	-			-	0%	2,651.00
99	Gutters & Downspouts - Labor	$3,215.42	-			-	0%	3,215.42
100	Roof Hatches - Materials	$6,200.00	6,200.00			6,200.00	100%	-
101			-			-		-
102	**Openings**		-			-		-
103	HM Frames, Doors & Hardware-Materials	$53,528.00	-	22,474.24	20,348.16	42,822.40	80%	10,705.60
104	HM Frames, Doors & Hardware-Labor	$6,890.00	-	5,512.00		5,512.00	80%	1,378.00
105	Vault Doors - Materials	$49,611.00	41,826.00	7,785.00		49,611.00	100%	-
106	Vault Doors - Labor	$3,110.00	3,110.00			3,110.00	100%	-
107	Overhead Door	$43,790.00	32,842.50	8,758.00		41,600.50	95%	2,189.50
108	Aluminum Windows	$8,996.00	4,700.00			4,700.00	52%	4,296.00
109			-			-		-
110	**Finishes**		-			-		-
111	Resilient Base	$2,500.00	-			-	0%	2,500.00
112	Epoxy Flooring	$67,408.00	-	37,577.75	6,417.25	43,995.00	65%	23,413.00
113	High Performance Coatings	$68,724.00	44,381.75			44,381.75	65%	24,342.25
114			-			-		-
115	**Specialties**		-			-		-
116	Signage	$450.00	-			-	0%	450.00
117	Metal Lockers	$7,100.00	-		2,400.00	2,400.00	34%	4,700.00

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Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:			

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

118	Metal Storage Systems	$6,947.00	-			-	0%	6,947.00
119	Fire Extinguishers	$854.00	-	854.00		854.00	100%	-
120			-			-		-
121	**Furnishings**		-			-		-
122	Lab Casework	$18,810.00	-	9,405.00		9,405.00	50%	9,405.00
123			-			-		-
124	**Plumbing**		-			-		-
125	Bldg 20 Trench Drains/UG Plumbing Mat	$26,000.00	26,000.00			26,000.00	100%	-
126	Bldg 20 Trench Drains/UG Plumbing Labor	$25,000.00	25,000.00			25,000.00	100%	-
127	Bldg 20 AG Plumbing Materials	$5,000.00	-	2,000.00		2,000.00	40%	3,000.00
128	Bldg 20 AG Plumbing Materials Labor	$20,000.00	-			-	0%	20,000.00
129	Bldg 20 Plumbing Fixtures	$15,500.00	-		14,666.58	14,666.58	95%	833.42
130	Bldg 20 AG Plumbing Labor	$28,000.00	-	14,541.00		14,541.00	52%	13,459.00
131	Bldg 10 AG Plumbing Materials	$5,000.00	-			-	0%	5,000.00
132	Bldg 10 AG Plumbing Labor	$20,000.00	-			-	0%	20,000.00
133	Insulation	$5,000.00	-			-	0%	5,000.00
134			-			-		-
135	**HVAC/Dehumidifier**		-			-		-
136	EF & Destrat	$37,066.00	-			-	0%	37,066.00
137	EUH	$9,492.00	-			-	0%	9,492.00
138	GUH	$3,660.00	-	3,294.00		3,294.00	90%	366.00
139	LV & Dampers	$15,828.00	-			-	0%	15,828.00
140	Split & F/CU	$20,788.00	-			-	0%	20,788.00
141	Dehumidifiers	$18,166.00	-			-	0%	18,166.00
142	Duct Material	$4,003.00	-	1,500.00		1,500.00	37%	2,503.00
143	HVAC Materials	$4,497.00	-	685.00		685.00	15%	3,812.00
144	HVAC Labor	$117,908.00	-	18,500.00		18,500.00	16%	99,408.00
145	Insulation	$10,000.00	-			-	0%	10,000.00
146	Test & Balance	$5,750.00	-			-	0%	5,750.00
147			-			-		-
148	**Electrical & Controls**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

149	**Electrical**		-			-		-
150	Mobilization - Neumiller	$122,150.00	122,150.00			122,150.00	100%	-
151	Submittals	$15,114.00	15,114.00			15,114.00	100%	-
152	Manholes	$20,000.00	20,000.00			20,000.00	100%	-
153	Lighting Lot	$39,160.00	32,831.69			32,831.69	84%	6,328.31
154	Gear Lot	$73,570.00	-	61,063.10		61,063.10	83%	12,506.90
155	Site Material	$155,725.00	95,076.25			95,076.25	61%	60,648.75
156	Site Labor	$79,845.00	44,922.50			44,922.50	56%	34,922.50
157	Existing Plant Material	$34,488.00	10,346.40			10,346.40	30%	24,141.60
158	Existing Plant Labor	$44,883.00	13,464.30			13,464.30	30%	31,418.70
159	Well No. 3	$4,933.00	1,915.90			1,915.90	39%	3,017.10
160	Well No. 5 Material	$8,819.00	6,614.25			6,614.25	75%	2,204.75
161	RO Building Material	$42,586.00	21,292.90	6,387.90		27,680.80	65%	14,905.20
162	RO Building Labor	$77,390.00	30,956.00	19,347.50		50,303.50	65%	27,086.50
163	Clearwell Material	$6,653.00	665.30			665.30	10%	5,987.70
164	Clearwell Labor	$11,184.00	1,118.40			1,118.40	10%	10,065.60
165			-			-		-
166			-			-		-
167	**Allowance - EP2 - Elec Equip & Controls**		-			-		-
168	Elec Systems Analysis	$75,000.00	37,500.00			37,500.00	50%	37,500.00
169	LV Transformers	$125,000.00	-			-	0%	125,000.00
170	Control Panels	$95,890.00	-		45,609.00	45,609.00	48%	50,281.00
171	Field Instrumentation	$185,000.00	-	12,116.29	109,835.71	121,952.00	66%	63,048.00
172	MCCs	$365,000.00	125,000.00		141,920.00	266,920.00	73%	98,080.00
173	Electrical Distribution Equipment	$114,000.00	75,000.00			75,000.00	66%	39,000.00
174	SCADA Networking Integration	$102,500.00	-			-	0%	102,500.00
175	HS Pump #3 Enclosure	$85,273.00	-		70,960.00	70,960.00	83%	14,313.00
176			-			-		-
177	**Earthwork**		-			-		-
178	Site Preloading	$194,820.00	194,820.00			194,820.00	100%	-
179	General Site Grading/Backfill	$265,000.00	106,000.00	26,500.00		132,500.00	50%	132,500.00

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
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Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

180	Bldg 10 - Foundations (Exc&BF)	$25,630.00	25,630.00			25,630.00	100%	-
181	Bldg 20 - RO Fundations (Exc&BF)	$45,250.00	45,250.00			45,250.00	100%	-
182	Bldg 20 - Aeration Tank Found (Ex&BF)	$15,640.00	15,640.00			15,640.00	100%	-
183	Bldg 30 - Foundations (Exc&BF)	$37,650.00	18,825.00	16,942.50		35,767.50	95%	1,882.50
184			-			-		-
185	**Exterior Improvements**		-			-		-
186	Asphalt Paving (Trail)	$22,130.00	22,130.00			22,130.00	100%	-
187	Concrete Paving (Site)	$130,288.00	-	97,716.00		97,716.00	75%	32,572.00
188	Chain Link Fencing	$32,250.00	-			-	0%	32,250.00
189	Seeding	$6,914.00	-			-	0%	6,914.00
190			-			-		-
191	**Utilities**		-			-		-
192	A - 12" W to Clearwell	$32,544.00	29,289.60			29,289.60	90%	3,254.40
193	B - 8" W to Clearwell	$25,663.00	25,663.00			25,663.00	100%	-
194	C - UG Storm Sewer North	$48,686.00	38,948.80			38,948.80	80%	9,737.20
195	D - 12" W Aerator to Clearwell	$18,549.00	18,549.00			18,549.00	100%	-
196	E - 12" W Bldg 10 to Bldg 20	$8,554.00	7,698.60			7,698.60	90%	855.40
197	G - UG Storm Sewer East	$67,822.00	67,822.00			67,822.00	100%	-
198	H & J- UG Storm Sewer West/South	$87,552.00	87,552.00			87,552.00	100%	-
199	K - UG Storm Sewer Clearwell West	$42,500.00	-			-	0%	42,500.00
200	F - UG Sanitary Manholes & Piping	$165,835.00	165,835.00			165,835.00	100%	-
201	Roof Drains	$2,500.00	2,000.00	500.00		2,500.00	100%	-
202	Bldg 20 - Process Drain Manhole	$8,500.00	8,500.00			8,500.00	100%	-
203			-			-		-
204	**Process Integration (Piping)**		-			-		-
205	**Structure 10 - Existing Bldg**		-			-		-
206	Process Piping Materials	$55,103.74	-		17,745.00	17,745.00	32%	37,358.74
207	Process Piping Labor	$37,550.00	-			-	0%	37,550.00
208	Valves Materials	$9,500.00	-		9,500.00	9,500.00	100%	-
209	Valves Labor	$8,250.28	-			-	0%	8,250.28
210	**Structure 20 - RO Building**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

211	Process Piping Materials	$111,340.84	-	24,701.00	42,224.48	66,925.48	60%	44,415.36
212	Process Piping Labor	$85,502.50	2,137.56	19,238.06		21,375.62	25%	64,126.88
213	Valves Materials	$83,000.00	-		29,765.00	29,765.00	36%	53,235.00
214	Valves Labor	$30,614.26	-			-	0%	30,614.26
215	Structure 30 - Clearwell		-			-		-
216	Process Piping Materials	$62,822.42	7,658.00	6,259.50	2,820.00	16,737.50	27%	46,084.92
217	Process Piping Labor	$69,588.64	-	17,397.16		17,397.16	25%	52,191.48
218	Valves Materials	$42,830.00	-		10,554.50	10,554.50	25%	32,275.50
219	Valves Labor	$26,450.68	-			-	0%	26,450.68
220	Insulation	$6,825.00	-			-	0%	6,825.00
221			-			-		-
222	**Pollution Control Equipment**		-			-		-
223	Vertical Turbine Pumps Materials	$115,300.00	2,700.00		112,600.00	115,300.00	100%	-
224	Vertical Turbine Pumps Labor	$24,601.24	-			-	0%	24,601.24
225	Slide Gates Materials	$24,155.00	24,155.00			24,155.00	100%	-
226	Slide Gates Labor	$9,001.40	9,001.40			9,001.40	100%	-
227	Clearwell Leak Testing	$18,144.00	-	18,144.00		18,144.00	100%	-
228	Lab Equipment	$7,216.00	-		7,216.00	7,216.00	100%	-
229	Filter Media Replacement Materials	$49,780.00	49,780.00			49,780.00	100%	-
230	Filter Media Replacement Labor	$16,480.00	16,480.00			16,480.00	100%	-
231	Forced Draft Aerator Materials	$125,890.00	-	31,472.50	31,472.50	62,945.00	50%	62,945.00
232	Forced Draft Aerator Labor	$14,995.00	749.75	6,747.75		7,497.50	50%	7,497.50
233	RO System Materials	$1,408,500.00	281,700.00	915,525.00		1,197,225.00	85%	211,275.00
234	RO System Labor	$203,600.00	-	162,880.00		162,880.00	80%	40,720.00
235	Chem Sys Chlorine Fluoride Caustic	$125,425.00	-		125,425.00	125,425.00	100%	-
236	Chem Systems Labor	$41,582.00	4,158.20			4,158.20	10%	37,423.80
237			-			-		-
	Original Contract Totals	**$ 12,182,553.00**	**$ 6,640,343.04**	**$1,910,282.04**	**$ 801,479.18**	**$ 9,352,104.26**	**77%**	**$ 2,830,448.74**

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

	Change Orders							
238	**Change Order #1**					-		-
239	Electrical Controls Changes	$12,420.34	-			-	0%	12,420.34
240			-			-		-
241	**Change Order #2**		-			-		-
242	COR #003R2-Water Service Addition	3,545.10	3,018.07			3,018.07	85%	527.03
243	COR-004+-Xfmr Pad relocate & bollards	1,804.21	-			-	0%	1,804.21
244	COR -006 - Chem Containment Curbs	1,022.01	1,022.01			1,022.01	100%	-
245	COR -007 - Bldg 10 Load Brg Wall Chngs	2,556.62	442.75	2,113.87		2,556.62	100%	-
246	COR-008R-12" Valve Add,6" Valve Deducts	(1,619.74)	(1,619.74)			(1,619.74)	100%	-
247	COR-010-MCC Rm Intake Duct Addition	3,402.31	-			-	0%	3,402.31
248	COR-012-Low Lift Pump Efficiency Credit	(2,890.94)	(2,890.94)			(2,890.94)	100%	-
249			-			-		-
250			-			-		-
251			-			-		-
252			-			-		-
253			-			-		-
254			-			-		-
255			-			-		-
256			-			-		-
257						-		-
	Change Order Totals	**$ 20,239.91**	**$ (27.85)**	**$ 2,113.87**	**$ -**	**$ 2,086.02**	**10%**	**$ 18,153.89**
	Original Contract and Change Orders							
	Project Totals	**$ 12,202,792.91**	**$ 6,640,315.19**	**$1,912,395.91**	**$ 801,479.18**	**$ 9,354,190.28**	**77%**	**$ 2,848,602.63**

EJCDC® C-620 Contractor's Application for Payment
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Stored Materials Summary | **Contractor's Application for Payment**

Owner: City of Tiffin
Engineer: MSA
Contractor: Tricon
Project: Contract:

Owner's Project No.:
Engineer's Project No.: 25-0125-IA
Contractor's Project No.:

Application No.: 12 | Application Period: From 8/1/2026 to 8/31/2026 | Application Date: 8/21/26

A	B	C	D	E	F	G	H	I	J	K	L	M
						Materials Stored			Incorporated in Work			
Item No. (Lump Sum Tab) or Bid Item No. (Unit Price Tab)	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Description of Materials or Equipment Stored	Storage Location	Application No. When Materials Placed in Storage	Previous Amount Stored ($)	Amount Stored this Period ($)	Amount Stored to Date (G+H) ($)	Amount Previously Incorporated in the Work ($)	Amount Incorporated in the Work this Period ($)	Total Amount Incorporated in the Work (J+K) ($)	Materials Remaining in Storage (I-L) ($)
105	0176660-IN	083459-001-1	Vault Doors	Installed	4	$ 21,050.00	$ -	$ 21,050.00	$ 21,050.00	$ -	$ 21,050.00	$ -
213	039823, 039852	402323-001-1	12" PRV, 8" Gate Valve	Onsite	6	$ 29,765.00	$ -	$ 29,765.00	$ -	$ -	$ -	$ 29,765.00
217	039852	402323-001-1	8" Gate Valves (3)	Onsite	6	$ 9,034.50	$ -	$ 9,034.50	$ -	$ -	$ -	$ 9,034.50
223	0177001-IN	444256.10-001-1	LL & HS Pumps/ Motors	Offsite	6	$ 112,600.00	$ -	$ 112,600.00	$ -	$ -	$ -	$ 112,600.00
225	040047	444276.30-001-0	Mechaniclal Slide Gates	Installed	7	$ 24,155.00	$ -	$ 24,155.00	$ 24,155.00	$ -	$ 24,155.00	$ -
37	50035882168	03200-001-3	Clearwell Rebar	Installed	7	$ 25,283.00	$ -	$ 25,283.00	$ 25,283.00	$ -	$ 25,283.00	$ -
37	50035881578	03200-001-3	Clearwell Rebar	Installed	7	$ 24,024.00	$ -	$ 24,024.00	$ 24,024.00	$ -	$ 24,024.00	$ -
37	50035901450	03200-001-3	Clearwell Rebar	Installed	7	$ 22,318.00	$ -	$ 22,318.00	$ 22,318.00	$ -	$ 22,318.00	$ -
37	50035914613	03200-001-3	Clearwell Rebar	Installed	7	$ 15,090.70	$ -	$ 15,090.70	$ 15,090.70	$ -	$ 15,090.70	$ -
216	Y774097	402323-001-2	Clearwell Top Vent Pipes	Installed	8	$ 2,820.00	$ -	$ 2,820.00	$ 2,820.00	$ -	$ 2,820.00	$ -
218	040370	402323-001-1	2" ARV Valve	Onsite	8	$ 1,520.00	$ -	$ 1,520.00	$ -	$ -	$ -	$ 1,520.00
100	0177182-IN	077233-001-3	Clearwell Bilco Roof Hatches	Installed	8	$ 5,193.00	$ -	$ 5,193.00	$ 5,193.00	$ -	$ 5,193.00	$ -
228	CC Receipt	444276.60-001-1	Lab Equipment - CL Mtr & Spectrophotometer	Onsite	8	$ 7,216.00	$ -	$ 7,216.00	$ -	$ -	$ -	$ 7,216.00
129	Pay App #1	220000-001-3	AG Plumbing Fixtures	Offsite	8	$ 14,666.58	$ -	$ 14,666.58	$ -	$ -	$ -	$ 14,666.58
171	044841	269000-001-3	Instrumentation	Onsite	8	$ 65,106.00	$ -	$ 65,106.00	$ -	$ -	$ -	$ 65,106.00
170	044987	262416-001-0	Panelboards, Xfmr, Ctrl Stations	Onsite	9	$ 22,746.00	$ -	$ 22,746.00	$ -	$ -	$ -	$ 22,746.00
235	58947B53055	444416.001-1	Chem Pumps, FM's, Misc Matl	Onsite	9	$ 61,337.00	$ -	$ 61,337.00	$ -	$ -	$ -	$ 61,337.00
69	26-550	055300-001-2	FRP Embedded Angles	Installed	9	$ 15,500.00	$ -	$ 15,500.00	$ 15,500.00	$ -	$ 15,500.00	$ -
105	0177334-IN	077233-001-3	Roof Hatches (Pumps)	Installed	9	$ 7,785.00	$ -	$ 7,785.00	$ -	$ 7,785.00	$ 7,785.00	$ -
171	045057	269000-001-3	LT's, TT's, Switches, PT's	Onsite	9	$ 14,439.00	$ -	$ 14,439.00	$ -	$ -	$ -	$ 14,439.00
170	045125		RTU Units	Onsite	10	$ 22,863.00	$ -	$ 22,863.00	$ -	$ -	$ -	$ 22,863.00
171	045125		Flow Meters (7ea)	Onsite	10	$ 42,407.00	$ -	$ 42,407.00	$ -	$ 12,116.29	$ 12,116.29	$ 30,290.71
172	045125		HSP VFD Enclosures (2)	Onsite	10	$ 141,920.00	$ -	$ 141,920.00	$ -	$ -	$ -	$ 141,920.00
175	045125		HSP #3 Enclosure	Onsite	10	$ 70,960.00	$ -	$ 70,960.00	$ -	$ -	$ -	$ 70,960.00
208	040682		Valve A26 - 8" BFV	Onsite	10	$ 9,500.00	$ -	$ 9,500.00	$ -	$ -	$ -	$ 9,500.00
103	27082		HM Doors & Frames	Onsite	11	$ 20,348.16	$ -	$ 20,348.16	$ -	$ -	$ -	$ 20,348.16
112	Pay App #1		Epoxy Coating Material	Offsite	11	$ 18,335.00	$ -	$ 18,335.00	$ -	$ 11,917.75	$ 11,917.75	$ 6,417.25
231	29980H		FD Aerator/ Blower	Onsite	11	$ 62,945.00	$ -	$ 62,945.00	$ -	$ 31,472.50	$ 31,472.50	$ 31,472.50
235	58947B55719 58947B55768		Chem Quills & Static Mixer	Onsite	11	$ 42,965.00	$ -	$ 42,965.00	$ -	$ -	$ -	$ 42,965.00
206	Z208988		Bldg 10 Piping & Fittings	Onsite	11	$ 17,745.00	$ -	$ 17,745.00	$ -	$ -	$ -	$ 17,745.00
211	Z208988		Bldg 20 Piping & Fittings	Onsite	11	$ 66,925.48	$ -	$ 66,925.48	$ -	$ 24,701.00	$ 24,701.00	$ 42,224.48
216	Z208988		Bldg 30 Piping & Fittings	Onsite	11	$ 6,259.50	$ -	$ 6,259.50	$ -	$ 6,259.50	$ 6,259.50	$ -
117			Metal Lockers	Onsite	12	$ -	$ 2,400.00	$ 2,400.00	$ -	$ -	$ -	$ 2,400.00
235	58947B57110		Chem Tanks & Scales	Onsite	12	$ -	$ 21,123.00	$ 21,123.00	$ -	$ -	$ -	$ 21,123.00
						$ -		$ -	$ -	$ -	$ -	$ -
						$ -		$ -	$ -	$ -	$ -	$ -

[Item pulled and will be added to next council agenda.]

AGENDA ITEM # E-4

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Approval of Pay Application #16 – Miron Construction – Tiffin Recreation Center
ACTION:	Motion

Background

The City of Tiffin entered into a construction agreement with Miron Construction Co., Inc. for the construction of the Tiffin Community Recreation Center at 105 S. Park Road. The original contract amount was $12,435,142.00, with the contract dated November 19, 2024.

Pay Application No. 16 reflects $435,269.69 in work completed during the current billing period. Total completed and stored work to date is $9,426,010.65, representing approximately 83% of the current contract amount.

The current contract amount has been adjusted through previously approved change orders. The original contract amount of $12,435,142.00 has a net change of -$1,042,001.88, resulting in a current contract amount of $11,393,140.12. No new change orders are included in Pay Application No. 16.

The detailed continuation sheets indicate that major portions of the building are substantially complete, including metal building systems, elevators, masonry, site utilities, aggregate piers, and several other building systems. Remaining work includes items such as flooring, HVAC, electrical, landscaping, asphalt paving, concrete site work, and other site and finish work.

Recommendation

Staff recommends that the City Council approve Pay Application No. 16 from Miron Construction Co., Inc. in the amount of $413,506.21 for the Tiffin Community Recreation Center project.

ATTACHMENTS: Pay Application

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: City of Tiffin
300 Railroad St
Tiffin, IA 52340
USA

PROJECT: City of Tiffin Community Recreation Center
105 S Park Road
Tiffin, IA 52340
USA

APPLICATION NO.: 16
PERIOD TO : 08/31/2026
PROJECT NOS.: 250120
INVOICE NO.: 250120-0016

CONTRACT DATE : 11/19/2024

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

FROM CONTRACTOR: Miron Construction Co., Inc.
PO Box 1372
Green Bay, WI 54305-1372

ARCHITECT: Atura Architecture
912 North 13th Street
Clear Lake, IA 50428

CONTRACT FOR: City of Tiffin Community Recreation Center

APPLICATION AND CERTIFICATE FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM	$	12,435,142.00
2. Net change by change orders	$	-1,042,001.88
3. CONTRACT SUM TO DATE (Line1 +/- 2)	$	11,393,140.12
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$	9,426,010.65
5. RETAINAGE: (Total retainage Column I of G703)	$	471,300.54
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$	8,954,710.11
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$	8,541,203.90
8. CURRENT PAYMENT DUE	$	413,506.21
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$	2,438,430.01

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Order approved in previous months by Owner		0.00	-1,042,001.88
APPROVED THIS MONTH			
Number	Date Approved		
Current Total:		0.00	0.00
Net Change by Change Orders			-1,042,001.88

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for payment were issued and payments received from the Owner, and that current payment shown herein is now due.

WARNING: DO NOT CHANGE ESTABLISHED PAYMENT INSTRUCTIONS FOR PAYMENTS TO MIRON CONSTRUCTION CO., INC.: Miron Construction Co., Inc. does not change its bank routing or account numbers. Do not accept or rely upon emails or correspondence requesting changes to Miron Construction Co., Inc.'s established payment instructions. Any change to Miron Construction Co., Inc.'s payment instructions can only be made by a fully executed Change Order to the Agreement between Owner and Miron Construction Co., Inc..

Contractor: Miron Construction Co., Inc.

By: _____ Date: August 26, 2026

State of: Wisconsin

County of: Winnebago

Subscribed and sworn to before me this 26 day of August 2026

Notary Public: michelle A Sommerfeld

My Commission expires: 07.10.2030

MICHELLE A SOMMERFELD NOTARY PUBLIC STATE OF WISCONSIN

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of Work is in accordance with the Contract Documents, and the Contractor is entitled to the payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....$ _____

(Attach explanation If amount certified differs from the amount applied for. Initial figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

By: _____
City of Tiffin

ARCHITECT: Atura Architecture

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

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CONTINUATION SHEET AIA DOCUMENT G703

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 16
APPLICATION DATE: 08/26/2026 INVOICE NO.:
PERIOD TO: 08/31/2026 250120-0016
PROJECT NO: 250120

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE			WORK COMPLETED (D+E)		MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH	RETAINAGE
		ORIGINAL	CHANGE ORDERS	CURRENT	FROM PREVIOUS APPLICATION	THIS PERIOD					
005	General Conditions	503,136.00	12,379.36	515,515.36	430,521.00	33,216.32	0.00	463,737.32	90	51,778.04	23,186.87
010	General Requirements	206,878.00	0.00	206,878.00	160,914.68	2,055.84	0.00	162,970.52	79	43,907.48	8,148.58
015	Construction Manager Contingency	567,585.00	-221,451.31	346,133.69	0.00	0.00	0.00	0.00	0	346,133.69	0.00
016	Owner Contingency	0.00	200,585.27	200,585.27	0.00	0.00	0.00	0.00	0	200,585.27	0.00
020	Construction Fee	500,822.00	-42,001.00	458,821.00	451,083.12	0.00	0.00	451,083.12	98	7,737.88	22,554.07
025	Preconstruction Services	10,000.00	0.00	10,000.00	10,000.00	0.00	0.00	10,000.00	100	0.00	500.00
030	Railroad Insurance	5,050.00	0.00	5,050.00	5,050.00	0.00	0.00	5,050.00	100	0.00	252.50
035	Cast In Place Concrete	813,985.00	61,747.81	875,732.81	762,715.13	28,447.58	0.00	791,162.71	90	84,570.10	39,558.14
040	Masonry	344,553.00	-165,385.09	179,167.91	178,472.22	695.69	0.00	179,167.91	100	0.00	8,958.39
045	Steel Fabrication and Erection	987,710.00	112,638.30	1,100,348.30	1,076,638.30	0.00	0.00	1,076,638.30	98	23,710.00	53,831.93
050	General Trades	327,150.00	98,526.61	425,676.61	279,463.81	94,914.36	0.00	374,378.17	88	51,298.44	18,718.92
055	Rolling Doors and Shutters	6,890.00	1,870.00	8,760.00	0.00	0.00	0.00	0.00	0	8,760.00	0.00
060	Alum Windows, Entrances, Glass/Glazing	611,932.00	-222,632.00	389,300.00	364,749.00	22,661.00	0.00	387,410.00	100	1,890.00	19,370.50
065	Gypsum Board Systems	320,909.00	-101,982.77	218,926.23	203,348.67	6,077.56	0.00	209,426.23	96	9,500.00	10,471.31
070	Tile	13,129.00	2,934.00	16,063.00	16,063.00	0.00	0.00	16,063.00	100	0.00	803.15
075	Suspended Acoustical Ceiling and Panels	117,427.00	-27,246.00	90,181.00	48,018.00	7,726.00	0.00	55,744.00	62	34,437.00	2,787.20
080	Resilient Athletic Flooring	269,255.00	-41,205.00	228,050.00	124,095.00	49,339.00	0.00	173,434.00	76	54,616.00	8,671.70
085	Wood Athletic Flooring	240,000.00	-40,307.00	199,693.00	9,985.00	0.00	0.00	9,985.00	5	189,708.00	499.25
090	Resilient Flooring, Base and Carpet	67,829.00	-44,372.00	23,457.00	13,126.00	0.00	0.00	13,126.00	56	10,331.00	656.30
095	Painting and Wall Covering	161,504.00	-73,854.86	87,649.14	18,500.00	32,251.62	0.00	50,751.62	58	36,897.52	2,537.58
100	Building Signage	80,097.00	20,203.00	100,300.00	50,150.00	48,400.00	0.00	98,550.00	98	1,750.00	4,927.50
105	Athletic Equipment	300,600.00	16,550.00	317,150.00	283,578.00	0.00	0.00	283,578.00	89	33,572.00	14,178.90

Miron Construction Co., Inc.

CONTINUATION SHEET AIA DOCUMENT G703

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 16
APPLICATION DATE: 08/26/2026
PERIOD TO: 08/31/2026
PROJECT NO: 250120

INVOICE NO.: 250120-0016

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE			WORK COMPLETED (D+E)		MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH	RETAINAGE
		ORIGINAL	CHANGE ORDERS	CURRENT	FROM PREVIOUS APPLICATION	THIS PERIOD					
110	Metal Building Systems	1,997,300.00	29,123.92	2,026,423.92	2,023,527.72	0.00	0.00	2,023,527.72	100	2,896.20	101,176.39
115	Elevators	122,000.00	0.00	122,000.00	122,000.00	0.00	0.00	122,000.00	100	0.00	6,100.00
120	Fire Suppression	204,120.00	-38,193.13	165,926.87	151,616.69	11,458.97	0.00	163,075.66	98	2,851.21	8,153.78
125	Plumbing	383,200.00	-61,603.00	321,597.00	310,575.00	8,106.25	0.00	318,681.25	99	2,915.75	15,934.07
130	HVAC	935,847.00	-207,568.00	728,279.00	609,064.00	22,978.00	0.00	632,042.00	87	96,237.00	31,602.10
135	Electrical	823,355.00	-70,219.76	753,135.24	588,028.61	40,273.12	0.00	628,301.73	83	124,833.51	31,415.09
140	Earthwork	315,386.00	15,868.20	331,254.20	294,293.92	25,023.55	0.00	319,317.47	96	11,936.73	15,965.87
145	Aggregate Piers	135,379.00	0.00	135,379.00	135,379.00	0.00	0.00	135,379.00	100	0.00	6,768.95
150	Asphalt Paving	169,606.00	1,249.00	170,855.00	0.00	0.00	0.00	0.00	0	170,855.00	0.00
155	Concrete Site Work	82,800.00	2,754.13	85,554.13	0.00	0.00	0.00	0.00	0	85,554.13	0.00
160	Athletic Turf Surfacing	45,000.00	-5,500.00	39,500.00	24,780.00	0.00	0.00	24,780.00	63	14,720.00	1,239.00
165	Site Utilities	64,708.00	75,782.88	140,490.88	140,490.88	0.00	0.00	140,490.88	100	0.00	7,024.55
166	Landscaping	0.00	98,850.51	98,850.51	41,660.00	0.00	0.00	41,660.00	42	57,190.51	2,083.00
170	Testing & Inspections Allowance	40,000.00	0.00	40,000.00	25,293.75	0.00	0.00	25,293.75	63	14,706.25	1,264.69
175	New Utility Services Allowance	40,000.00	-14,543.95	25,456.05	13,157.00	1,644.83	0.00	14,801.83	58	10,654.22	740.09
180	Mill & Overlay N Parking Lot Allowance	101,000.00	0.00	101,000.00	0.00	0.00	0.00	0.00	0	101,000.00	0.00
185	Flood Insurance Deductible Allowance	25,000.00	0.00	25,000.00	0.00	0.00	0.00	0.00	0	25,000.00	0.00
190	CMU Enhancements Allowance	35,000.00	-35,000.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
195	Lobby Alternate Ceiling Allowance	45,000.00	-45,000.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
200	Data Cabling & Backbone Allowance	250,000.00	-250,000.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
205	Access Control Allowance	34,000.00	0.00	34,000.00	0.00	0.00	0.00	0.00	0	34,000.00	0.00
210	CCTV Allowance	45,000.00	0.00	45,000.00	24,403.46	0.00	0.00	24,403.46	54	20,596.54	1,220.17

Miron Construction Co., Inc.

CONTINUATION SHEET AIA DOCUMENT G703

AIA DOCUMENT G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing
Contractor's signed Certification is attached.
In tabulation below, amounts are stated to the nearest cent.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NUMBER: 16
APPLICATION DATE: 08/26/2026 INVOICE NO.:
PERIOD TO: 08/31/2026 250120-0016
PROJECT NO: 250120

A	B	C			D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE			WORK COMPLETED (D+E)		MATERIAL PRESENTLY STORED	TOTAL COMPLETED AND STORED TO DATE	PER-%(G/C)	BALANCE TO FINISH	RETAINAGE
		ORIGINAL	CHANGE ORDERS	CURRENT	FROM PREVIOUS APPLICATION	THIS PERIOD					
215	Landscaping Allowance	75,000.00	-75,000.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
220	Unreleased Add #3 Allowance	10,000.00	-10,000.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
	Project Total	*12,435,142.00*	*-1,042,001.88*	11,393,140.12	*8,990,740.96*	*435,269.69*	*0.00*	*9,426,010.65*	*83*	*1,967,129.47*	*471,300.54*

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Approval of Pay Application #16 – Boomerang Construction Group – North Park Road Improvements Project
ACTION:	Motion

Background
The City of Tiffin is currently completing improvements associated with the North Park Road project, identified as STP-U-7662(615)--70-52**.** The project was let on December 17, 2024, with Boomerang Corp**.** serving as the prime contractor. The awarded project amount is $5,458,891.91**,** with an authorized amount of $5,586,976.68**.**

Pay Application No. 16 covers the work performed during the period of July 26, 2026, through August 22, 2026**.** The payment application is currently identified as pending and was prepared through the City's project payment system.

For Pay Application No. 16, Boomerang Corp. has submitted $342,708.08 in approved work for the current billing period. The application also reflects a $34,676.97 stockpile recovery, resulting in a current payment of $308,031.11. No retainage, liquidated damages, or other adjustments are being applied to the current payment.

Work completed to date includes significant roadway, pavement, drainage, utility, and pedestrian improvements. The detailed pay application identifies completed work including concrete pavement, storm sewer infrastructure, culverts, water main installation, fire hydrant assemblies, recreational trail improvements, erosion control, traffic control, and other roadway-related improvements.

During the current pay period, notable work included approximately 6,139.54 square yards of Portland cement concrete pavement, generating $331,535.16 in current-period payment for that item. Additional current-period work included modified subbase, pavement removal, driveway removal, silt fence, sediment control, and erosion-control mobilization.

The payment documentation also indicates that the project remains within its authorized schedule. The original time limit was 200 working days, with an authorized deadline of 210 working days. As of the current payment application, 146.5 working days have been completed with 63.5 working days remaining. The report shows no liquidated damages assessed to date.

Recommendation
Staff recommends that the City Council approve Pay Application No. 16 from Boomerang Corp. in the amount of $308,031.11 for the North Park Road Improvements project.

ATTACHMENTS: Pay Application

City of Tiffin - Iowa

Detailed Payment

52-7662-615

Description	STP-U-7662(615)--70-52, Letting Date- December 17, 2024
Payment Number	16
Pay Period	07/26/2026 to 08/22/2026
Prime Contractor	Boomerang Corp. 13225 Circle Dr Suite A, Anamosa, IA 52205 Anamosa, IA, IA 52205
Payment Status	Pending
Awarded Project Amount	$5,458,891.91
Authorized Amount	$5,586,976.68

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
Section: 0001 - STP-U-7662(615)--70-52, ROADWAY ITEMS										
0010	2101-0850001	ACRE	$12,000.000	1.235	0.000	1.235	1.235	1.235	$0.00	$14,820.00
CLEARING AND GRUBBING										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0020	2102-2625001	CY	$15.000	13,760.000	0.000	10,455.000	10,455.000	10,455.000	$0.00	$156,825.00
EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED										
0030	2102-2710070	CY	$5.000	19,798.000	0.000	23,724.740	23,724.740	23,724.740	$0.00	$118,623.70
EXCAVATION, CLASS 10, ROADWAY AND BORROW										
0040	2105-8425015	CY	$4.000	13,235.000	0.000	9,680.000	9,680.000	9,680.000	$0.00	$38,720.00
TOPSOIL, STRIP, SALVAGE AND SPREAD										
0050	2107-0425020	CY	$1.000	191.000	0.000	191.000	191.000	191.000	$0.00	$191.00
COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES										
0060	2109-8225100	STA	$480.000	67.700	0.000	65.700	65.700	65.700	$0.00	$31,536.00
SPECIAL COMPACTION OF SUBGRADE										
0070	2111-8174100	SY	$15.000	1,707.000	0.000	1,707.000	1,707.000	1,707.000	$0.00	$25,605.00
GRANULAR SUBBASE										
0080	2115-0100000	CY	$43.000	4,779.890	88.890	5,853.791	5,942.681	6,548.590	$3,822.27	$255,535.27
MODIFIED SUBBASE										
0090	2123-7450020	STA	$520.000	68.200	0.000	31.000	31.000	31.000	$0.00	$16,120.00
SHOULDER FINISHING, EARTH										
0100	2213-7100400	EACH	$750.000	1.000	0.000	1.000	1.000	1.000	$0.00	$750.00
RELOCATION OF MAIL BOXES										
0110	2301-1033090	SY	$54.000	23,371.300	6,139.540	12,007.240	18,146.780	18,146.780	$331,535.16	$979,926.12
STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0120	2301-1033140	SY	$90.000	480.700	0.000	480.700	480.700	480.700	$0.00	$43,263.00
STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 14 IN.										
0130	2301-4875006	SY	$43.000	3,479.300	0.000	1,995.050	1,995.050	1,995.050	$0.00	$85,787.15
MEDIAN, P.C. CONCRETE, 6 IN.										
0140	2301-6911722	LS	$2,000.000	1.000	0.000	0.420	0.420	0.420	$0.00	$840.00
PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES										
0141	2301-7000110	EACH	$1.000	27,758.800	0.000	0.000	0.000	0.000	$0.00	$0.00
PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)										
0150	2304-0101000	SY	$70.000	2,158.000	0.000	546.000	546.000	546.000	$0.00	$38,220.00
TEMPORARY PAVEMENT										
0160	2310-5151040	CY	$150.000	17.000	0.000	0.000	0.000	0.000	$0.00	$0.00
PORTLAND CEMENT CONCRETE OVERLAY, FURNISH ONLY										
0170	2310-5151045	SY	$12.000	299.000	0.000	0.000	0.000	0.000	$0.00	$0.00
PORTLAND CEMENT CONCRETE OVERLAY, PLACEMENT ONLY										
0180	2401-6745650	LS	$8,800.000	1.000	0.000	1.000	1.000	1.000	$0.00	$8,800.00
REMOVAL OF EXISTING STRUCTURES										
0190	2402-0425030	CY	$48.000	1,351.000	0.000	1,351.000	1,351.000	1,351.000	$0.00	$64,848.00
GRANULAR BACKFILL										
0200	2402-0425040	CY	$70.000	44.000	0.000	44.000	44.000	44.000	$0.00	$3,080.00
FLOODED BACKFILL										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0210	2402-2720000	CY	$4.000	5,741.000	0.000	5,741.000	5,741.000	5,741.000	$0.00	$22,964.00
EXCAVATION, CLASS 20										
0220	2402-2720100	CY	$4.000	610.000	0.000	610.000	610.000	610.000	$0.00	$2,440.00
EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT										
0230	2403-0100020	CY	$840.000	149.400	0.000	149.400	149.400	149.400	$0.00	$125,496.00
STRUCTURAL CONCRETE (RCB CULVERT)										
0240	2403-7303000	SY	$27.500	901.000	0.000	0.000	0.000	0.000	$0.00	$0.00
STRUCTURAL CONCRETE COATING										
0250	2404-7775000	LB	$2.300	21,166.000	0.000	21,166.000	21,166.000	21,166.000	$0.00	$48,681.80
REINFORCING STEEL										
0260	2414-6444100	LF	$200.000	168.000	0.000	168.000	168.000	168.000	$0.00	$33,600.00
STEEL PIPE PEDESTRIAN HAND RAILING										
0270	2415-2151212	LF	$2,000.000	224.000	0.000	224.000	224.000	224.000	$0.00	$448,000.00
PRECAST REINFORCED CONCRETE PEDESTRIAN TUNNEL, 12 FT. X 12 FT.										
0280	2416-0100030	EACH	$3,800.000	1.000	0.000	1.000	1.000	1.000	$0.00	$3,800.00
APRONS, CONCRETE, 30 IN. DIA.										
0290	2416-0100042	EACH	$4,400.000	1.000	0.000	1.000	1.000	1.000	$0.00	$4,400.00
APRONS, CONCRETE, 42 IN. DIA.										
0300	2416-0100072	EACH	$7,200.000	1.000	0.000	1.000	1.000	1.000	$0.00	$7,200.00
APRONS, CONCRETE, 72 IN. DIA.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0310	2416-1180072	LF	$400.000	339.000	0.000	339.000	339.000	339.000	$0.00	$135,600.00
CULVERT, CONCRETE ROADWAY PIPE, 72 IN. DIA.										
0320	2435-0140148	EACH	$7,000.000	2.000	0.000	2.000	2.000	2.000	$0.00	$14,000.00
MANHOLE, STORM SEWER, SW-401, 48 IN.										
0330	2435-0140160	EACH	$8,000.000	8.000	0.000	8.000	8.000	8.000	$0.00	$64,000.00
MANHOLE, STORM SEWER, SW-401, 60 IN.										
0340	2435-0140310	EACH	$20,000.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
MANHOLE, STORM SEWER, SW-403 MODIFIED										
0341	2435-0250248	EACH	$7,000.000	1.000	0.000	1.000	1.000	1.000	$0.00	$7,000.00
INTAKE, SW-502, 48 IN.										
0342	2435-0250260	EACH	$8,400.000	4.000	0.000	4.000	4.000	4.000	$0.00	$33,600.00
INTAKE, SW-502, 60 IN.										
0350	2435-0250700	EACH	$6,400.000	2.000	0.000	2.000	2.000	2.000	$0.00	$12,800.00
INTAKE, SW-507										
0360	2435-0250900	EACH	$8,500.000	16.000	0.000	16.000	16.000	16.000	$0.00	$136,000.00
INTAKE, SW-509										
0370	2435-0251000	EACH	$11,000.000	4.000	0.000	4.000	4.000	4.000	$0.00	$44,000.00
INTAKE, SW-510										
0380	2435-0251224	EACH	$2,200.000	2.000	0.000	2.000	2.000	2.000	$0.00	$4,400.00
INTAKE, SW-512, 24 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0390	2435-0251300	EACH	$5,300.000	1.000	0.000	1.000	1.000	1.000	$0.00	$5,300.00
INTAKE, SW-513										
0400	2435-0600010	EACH	$2,800.000	5.000	0.000	3.000	3.000	3.000	$0.00	$8,400.00
MANHOLE ADJUSTMENT, MINOR										
0410	2435-0600020	EACH	$4,000.000	7.000	0.000	7.000	7.000	7.000	$0.00	$28,000.00
MANHOLE ADJUSTMENT, MAJOR										
0420	2435-0600110	EACH	$3,200.000	2.000	0.000	1.000	1.000	1.000	$0.00	$3,200.00
INTAKE ADJUSTMENT, MINOR										
0430	2502-8212036	LF	$15.500	6,106.700	0.000	6,311.000	6,311.000	6,311.000	$0.00	$97,820.50
SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.										
0440	2502-8221006	EACH	$1,200.000	6.000	0.000	6.000	6.000	6.000	$0.00	$7,200.00
SUBDRAIN RISER, 6 IN., AS PER PLAN										
0450	2502-8221303	EACH	$320.000	24.000	0.000	40.000	40.000	40.000	$0.00	$12,800.00
SUBDRAIN OUTLET, DR-303										
0460	2503-0114215	LF	$70.000	587.000	0.000	587.000	587.000	587.000	$0.00	$41,090.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.										
0470	2503-0114218	LF	$80.000	718.000	0.000	718.000	718.000	718.000	$0.00	$57,440.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.										
0480	2503-0114221	LF	$170.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 21 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0490	2503-0114224	LF	$90.000	247.000	0.000	247.000	247.000	247.000	$0.00	$22,230.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.										
0500	2503-0114227	LF	$100.000	169.000	0.000	169.000	169.000	169.000	$0.00	$16,900.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 27 IN.										
0510	2503-0114230	LF	$120.000	588.000	0.000	612.000	612.000	612.000	$0.00	$73,440.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 30 IN.										
0520	2503-0114236	LF	$140.000	29.000	0.000	29.000	29.000	29.000	$0.00	$4,060.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 36 IN.										
0530	2503-0114242	LF	$200.000	136.000	0.000	136.000	136.000	136.000	$0.00	$27,200.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 42 IN.										
0540	2503-0114424	LF	$150.000	235.000	0.000	235.000	235.000	235.000	$0.00	$35,250.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 24 IN.										
0550	2503-0114615	LF	$130.000	330.000	0.000	330.000	330.000	330.000	$0.00	$42,900.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 15 IN.										
0560	2503-0114621	LF	$150.000	311.000	0.000	311.000	311.000	311.000	$0.00	$46,650.00
STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3750D (CLASS V), 21 IN.										
0570	2503-0200036	LF	$10.000	682.000	0.000	481.000	481.000	481.000	$0.00	$4,810.00
REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.										
0580	2503-0200136	LF	$30.000	16.000	0.000	0.000	0.000	0.000	$0.00	$0.00
REMOVE STORM SEWER PIPE GREATER THAN 36 IN.										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0590	2505-4008120	LF	$6.000	468.600	0.000	468.600	468.600	468.600	$0.00	$2,811.60
REMOVAL OF STEEL BEAM GUARDRAIL										
0600	2507-3250005	SY	$1.000	53.000	0.000	0.000	0.000	0.000	$0.00	$0.00
ENGINEERING FABRIC										
0610	2507-6800032	TON	$90.000	53.000	0.000	19.660	19.660	19.660	$0.00	$1,769.40
REVETMENT, CLASS C										
0620	2510-6745850	SY	$6.000	12,296.200	546.000	10,008.400	10,554.400	10,554.400	$3,276.00	$63,326.40
REMOVAL OF PAVEMENT										
0630	2510-6750600	EACH	$500.000	3.000	0.000	4.000	4.000	4.000	$0.00	$2,000.00
REMOVAL OF INTAKES AND UTILITY ACCESSES										
0640	2511-0302600	SY	$44.000	3,837.500	0.000	893.960	893.960	893.960	$0.00	$39,334.24
RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE, 6 IN.										
0650	2511-0310100	STA	$200.000	32.000	0.000	15.500	15.500	15.500	$0.00	$3,100.00
SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL										
0660	2511-7526004	SY	$42.000	1,702.000	0.000	0.000	0.000	0.000	$0.00	$0.00
SIDEWALK, P.C. CONCRETE, 4 IN.										
0670	2511-7526006	SY	$64.000	145.100	0.000	37.150	37.150	37.150	$0.00	$2,377.60
SIDEWALK, P.C. CONCRETE, 6 IN.										
0680	2511-7528101	SF	$50.000	292.400	0.000	44.000	44.000	44.000	$0.00	$2,200.00
DETECTABLE WARNINGS										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0690	2512-1725306	LF	$25.000	1,189.400	0.000	540.130	540.130	540.130	$0.00	$13,503.25
CURB AND GUTTER, P.C. CONCRETE, 3.0 FT.										
0700	2515-2475006	SY	$56.000	108.100	0.000	0.000	0.000	0.000	$0.00	$0.00
DRIVEWAY, P.C. CONCRETE, 6 IN.										
0710	2515-6745600	SY	$10.000	562.200	161.400	345.400	506.800	506.800	$1,614.00	$5,068.00
REMOVAL OF PAVED DRIVEWAY										
0720	2519-4200110	LF	$5.000	1,843.800	0.000	1,843.800	1,843.800	1,843.800	$0.00	$9,219.00
REMOVAL OF FENCE, BARBED WIRE										
0730	2524-6765010	EACH	$275.000	16.000	0.000	8.000	8.000	8.000	$0.00	$2,200.00
REMOVE AND REINSTALL SIGN AS PER PLAN										
0740	2524-6765210	EACH	$125.000	20.000	0.000	10.000	10.000	10.000	$0.00	$1,250.00
REMOVAL OF TYPE A SIGN ASSEMBLY										
0750	2524-9100010	EACH	$275.000	6.000	0.000	0.000	0.000	0.000	$0.00	$0.00
OBJECT MARKER, TYPE 1										
0760	2524-9276010	LF	$16.000	569.000	0.000	415.000	415.000	415.000	$0.00	$6,640.00
PERFORATED SQUARE STEEL TUBE POSTS										
0770	2524-9276021	EACH	$125.000	30.000	0.000	19.000	19.000	19.000	$0.00	$2,375.00
PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION										
0780	2524-9276024	EACH	$275.000	11.000	0.000	11.000	11.000	11.000	$0.00	$3,025.00
PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY CONCRETE INSTALLATION										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0790	2524-9276027	EACH	$525.000	2.000	0.000	2.000	2.000	2.000	$0.00	$1,050.00
PERFORATED SQUARE STEEL TUBE POST ANCHOR, TRIANGULAR SLIP BASE ASSEMBLY										
0800	2524-9325001	SF	$22.000	268.200	0.000	200.000	200.000	200.000	$0.00	$4,400.00
TYPE A SIGNS, SHEET ALUMINUM										
0810	2526-8285000	LS	$50,000.000	1.000	0.000	0.700	0.700	0.700	$0.00	$35,000.00
CONSTRUCTION SURVEY										
0820	2527-9263137	EACH	$155.000	18.000	0.000	12.000	12.000	12.000	$0.00	$1,860.00
PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED										
0830	2527-9263209	STA	$105.000	61.450	0.000	54.860	54.860	54.860	$0.00	$5,760.30
PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED										
0840	2528-2518000	EACH	$250.000	23.000	0.000	3.000	3.000	3.000	$0.00	$750.00
SAFETY CLOSURE										
0850	2528-2518182	EACH	$1,800.000	1.000	0.000	0.000	0.000	0.000	$0.00	$0.00
PERMANENT ROAD CLOSURE, URBAN, SI-182										
0860	2528-8445110	LS	$27,000.000	1.000	0.000	0.700	0.700	0.700	$0.00	$18,900.00
TRAFFIC CONTROL										
0870	2533-4980005	LS	$41,000.000	1.000	0.000	1.000	1.000	1.000	$0.00	$41,000.00
MOBILIZATION										
0880	2552-0000300	LS	$12,000.000	1.000	0.000	1.000	1.000	1.000	$0.00	$12,000.00
TRENCH COMPACTION TESTING										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0890	2554-0114006	LF	$200.000	5.000	0.000	52.750	52.750	52.750	$0.00	$10,550.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.										
0900	2554-0114008	LF	$50.000	252.000	0.000	80.000	80.000	80.000	$0.00	$4,000.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.										
0910	2554-0114012	LF	$70.000	3,060.000	0.000	3,100.250	3,100.250	3,100.250	$0.00	$217,017.50
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.										
0920	2554-0203000	LB	$16.000	3,280.000	0.000	2,806.000	2,806.000	2,806.000	$0.00	$44,896.00
FITTINGS BY WEIGHT, DUCTILE IRON										
0930	2554-0204110	EACH	$3,200.000	1.000	0.000	1.000	1.000	1.000	$0.00	$3,200.00
WATER SERVICE STUB, COPPER, 1 IN.										
0940	2554-0204120	EACH	$3,600.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
WATER SERVICE STUB, COPPER, 2 IN.										
0950	2554-0207008	EACH	$4,000.000	1.000	0.000	1.000	1.000	1.000	$0.00	$4,000.00
VALVE, GATE, DIP, 8 IN.										
0960	2554-0207012	EACH	$6,600.000	15.000	0.000	15.000	15.000	15.000	$0.00	$99,000.00
VALVE, GATE, DIP, 12 IN.										
0970	2554-0209012	EACH	$250.000	6.000	0.000	4.000	4.000	4.000	$0.00	$1,000.00
VALVE REMOVAL, 12 IN.										
0980	2554-0210201	EACH	$12,000.000	10.000	0.000	10.000	10.000	10.000	$0.00	$120,000.00
FIRE HYDRANT ASSEMBLY, WM-201										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
0990	2554-0210205	EACH	$250.000	3.000	0.000	4.000	4.000	4.000	$0.00	$1,000.00
FIRE HYDRANT ASSEMBLY REMOVAL										
1000	2554-0211002	EACH	$2,200.000	4.000	0.000	5.000	5.000	5.000	$0.00	$11,000.00
FLUSHING DEVICE (BLOWOFF), 2 IN.										
1010	2555-0000010	LS	$2,400.000	1.000	0.000	0.000	0.000	0.000	$0.00	$0.00
DELIVER AND STOCKPILE SALVAGED MATERIALS										
1020	2599-9999005	EACH	$1,500.000	4.000	0.000	4.000	4.000	4.000	$0.00	$6,000.00
('EACH' ITEM): CONNECTION TO EXISTING WATER MAIN										
1030	2599-9999009	LF	$4.000	655.000	0.000	655.000	655.000	655.000	$0.00	$2,620.00
('LINEAR FEET' ITEM): FILL, PLUG, AND ABANDONMENT OF EXISTING WATER MAIN										
1040	2599-9999010	LS	$30,000.000	1.000	0.000	0.000	0.000	0.000	$0.00	$0.00
('LUMP SUM' ITEM): PEDESTRIAN UNDERPASS LIGHTING SYSTEM										
1050	2599-9999010	LS	$116,000.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
('LUMP SUM' ITEM): ROUNDABOUT LIGHTING SYSTEM										
1060	2599-9999018	SY	$17.500	1,035.000	0.000	0.000	0.000	0.000	$0.00	$0.00
('SQUARE YARDS' ITEM): ANTI-GRAFFITI COATING										
1070	2601-2634105	ACRE	$2,950.000	7.290	0.000	15.740	15.740	15.740	$0.00	$46,433.00
MULCHING, BONDED FIBER MATRIX										
1080	2601-2636044	ACRE	$1,480.000	7.290	0.000	1.440	1.440	1.440	$0.00	$2,131.20
SEEDING AND FERTILIZING (URBAN)										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
1090	2601-2638352	SQ	$16.000	65.000	0.000	48.000	48.000	48.000	$0.00	$768.00
SLOPE PROTECTION, WOOD EXCELSIOR MAT										
1100	2601-2643110	MGAL	$75.000	13.000	0.000	0.000	0.000	0.000	$0.00	$0.00
WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION										
1110	2601-2643300	EACH	$450.000	4.000	0.000	0.000	0.000	0.000	$0.00	$0.00
MOBILIZATION FOR WATERING										
1120	2602-0000020	LF	$1.650	11,745.000	453.000	6,034.000	6,487.000	6,487.000	$747.45	$10,703.55
SILT FENCE										
1130	2602-0000071	LF	$0.050	1,174.500	0.000	0.000	0.000	0.000	$0.00	$0.00
REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS										
1140	2602-0000101	LF	$0.050	5,872.500	0.000	50.000	50.000	50.000	$0.00	$2.50
MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK										
1150	2602-0000309	LF	$3.400	725.000	298.000	6,965.000	7,263.000	7,263.000	$1,013.20	$24,694.20
PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.										
1160	2602-0000351	LF	$0.500	725.000	200.000	2,358.000	2,558.000	2,558.000	$100.00	$1,279.00
REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE										
1170	2602-0000500	LF	$13.500	261.000	0.000	56.000	56.000	56.000	$0.00	$756.00
OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602										
1180	2602-0000510	EACH	$5.000	29.000	0.000	16.000	16.000	16.000	$0.00	$80.00
MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
1190	2602-0000520	EACH	$5.000	29.000	0.000	8.000	8.000	8.000	$0.00	$40.00
REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER										
1200	2602-0010010	EACH	$600.000	1.000	1.000	31.000	32.000	32.000	$600.00	$19,200.00
MOBILIZATIONS, EROSION CONTROL										
1210	2602-0010020	EACH	$1,200.000	1.000	0.000	1.000	1.000	1.000	$0.00	$1,200.00
MOBILIZATIONS, EMERGENCY EROSION CONTROL										
8000	8000-0000000	None	$0.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
PLACEHOLDER ONLY (DO NOT USE)										
8010	2601-2642100	ACRE	$825.000	7.290	0.000	10.500	10.500	10.500	$0.00	$8,662.50
STABILIZING CROP - SEEDING AND FERTILIZING										
8020	2528-8445110	LS	$1.000	1,980.000	0.000	1,980.000	1,980.000	1,980.000	$0.00	$1,980.00
TRAFFIC CONTROL										
8030	2602-0000030	LF	$3.000	200.000	0.000	636.000	636.000	636.000	$0.00	$1,908.00
SILT FENCE FOR DITCH CHECKS										
8040	2506-4984000	CY	$1,650.000	1.000	0.000	3.000	3.000	3.000	$0.00	$4,950.00
FLOWABLE MORTAR										
8050	2523-0000200	LF	$22.000	30.000	0.000	30.000	30.000	30.000	$0.00	$660.00
ELECTRICAL CIRCUITS										
8060	2523-0000100	EACH	$3,520.000	1.000	0.000	1.000	1.000	1.000	$0.00	$3,520.00
LIGHTING POLES										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8070	2599-9999005	EACH	$3,650.000	1.000	0.000	1.000	1.000	1.000	$0.00	$3,650.00
('EACH' ITEM): RELOCATE WATER SAMPLING STATION										
8080	2599-9999010	LS	$116,000.000	1.000	0.000	1.000	1.000	1.000	$0.00	$116,000.00
('LUMP SUM' ITEM): ROUNDABOUT LIGHTING SYSTEM										
8090	2602-0000530	EACH	$192.500	5.000	0.000	5.000	5.000	5.000	$0.00	$962.50
GRATE INTAKE SEDIMENT FILTER BAG, EC-604										
8100	2602-0000540	EACH	$5.500	5.000	0.000	11.000	11.000	11.000	$0.00	$60.50
MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG										
8110	2602-0000550	EACH	$5.500	5.000	0.000	1.000	1.000	1.000	$0.00	$5.50
REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG										
8120	2528-8400048	LF	$99.000	50.000	0.000	50.000	50.000	50.000	$0.00	$4,950.00
TEMPORARY BARRIER RAIL, CONCRETE										
8130	2602-0000160	LF	$55.000	200.000	0.000	135.000	135.000	135.000	$0.00	$7,425.00
ROCK CHECK DAM										
8140	2602-0000170	EACH	$350.000	5.000	0.000	2.000	2.000	2.000	$0.00	$700.00
MAINTENANCE OF ROCK CHECK DAM										
8150	2602-0000180	EACH	$400.000	5.000	0.000	0.000	0.000	0.000	$0.00	$0.00
REMOVAL OF ROCK CHECK DAM										
8160	6100-2528035	EACH	$2,750.000	1.000	0.000	1.000	1.000	1.000	$0.00	$2,750.00
{EXTRA WORK} TRAFFIC CONTROL										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8170	2435-0140310	EACH	$46,500.000	1.000	0.000	0.500	0.500	0.500	$0.00	$23,250.00
MANHOLE, STORM SEWER, SW-403 MODIFIED										
8180	2554-0114010	LF	$65.000	233.000	0.000	233.000	233.000	233.000	$0.00	$15,145.00
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 10 IN.										
8190	2554-0207010	EACH	$6,250.000	2.000	0.000	2.000	2.000	2.000	$0.00	$12,500.00
VALVE, GATE, DIP, 10 IN.										
8200	2435-0250902	EACH	$1,796.850	1.000	0.000	1.000	1.000	1.000	$0.00	$1,796.85
INTAKE, SW-509, WELL ONLY										
8210	2599-9999005	EACH	$2,117.500	1.000	0.000	1.000	1.000	1.000	$0.00	$2,117.50
('EACH' ITEM): MANHOLE, STORM SEWER, SW-401, 60 IN., WELL ONLY										
8220	2503-0111018	LF	$62.500	20.000	0.000	0.000	0.000	0.000	$0.00	$0.00
STORM SEWER GRAVITY MAIN, TRENCHED, HIGH DENSITY POLYETHYLENE PIPE (HDPE), 18 IN.										
8230	2435-0700020	EACH	$2,500.000	3.000	0.000	3.000	3.000	3.000	$0.00	$7,500.00
CONNECTION TO EXISTING INTAKE										
8240	2504-0200408	LF	$125.000	125.000	0.000	0.000	0.000	0.000	$0.00	$0.00
SANITARY SEWER SERVICE STUB, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.										
8250	2529-8174050	EACH	$330.000	1.000	0.000	0.000	0.000	0.000	$0.00	$0.00
PATCH SUBDRAIN										
8260	6100-2503050	EACH	$2,000.000	2.000	0.000	0.000	0.000	0.000	$0.00	$0.00
{EXTRA WORK} TYPE C-1 CONNECTION										

Line Number	Item ID	Unit	Unit Price	Authorized Quantity	Current Paid Quantity	Previous Paid Quantity	Total Quantity Paid To Date	Total Quantity Placed To Date	Current Payment Amount	Total Amount Paid To Date
8270	2115-0100200	CY	$0.000	0.000	0.000	0.000	0.000	0.000	$0.00	$0.00
MODIFIED SUBBASE, PLACE ONLY										
								Section Totals:	$342,708.08	$4,699,146.63
								Total Payments:	$342,708.08	$4,699,146.63

Time Charges

Time Limit	Original Deadline	Authorized Deadline	Charges This Period	Damages This Period	Days Completed To Date	Days Remaining To Date	Damages To Date
Working Days, Late Start Date - 04/07/2025, Liquidated Damage Rate - 2,000	200.0 Days	210.0 Days	3.0 Days	$0.00	146.5 Days	63.5 Days	$0.00
						Total Damages:	$0.00

Stockpiles

Stockpile	Fund Package		Current Advancements	Advancements To Date	Current Recoveries	Recoveries To Date
#1 - 2435-0250700	52-7662-615-CAT-1 ROADWAY ITEMS		$0.00	$1,224.30	$0.00	$1,224.30
INTAKE, SW-507						
#2 - 2435-0250900	52-7662-615-CAT-1 ROADWAY ITEMS		$0.00	$1,476.20	$0.00	$1,476.20
		Totals:	$0.00	$249,166.08	$34,676.97	$220,371.75

Stockpile	Fund Package	Current Advancements	Advancements To Date	Current Recoveries	Recoveries To Date
INTAKE, SW-509					
#3 - 2554-0114006	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$196.40	$0.00	$196.40
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 6 IN.					
#4 - 2554-0114012	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$65,632.81	$0.00	$65,632.81
WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.					
#5 - 2554-0203000	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$11,029.81	$0.00	$11,029.81
FITTINGS BY WEIGHT, DUCTILE IRON					
#6 - 2554-0204110	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$242.42	$0.00	$242.42
WATER SERVICE STUB, COPPER, 1 IN.					
#7 - 2554-0204120	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$0.00	$0.00	$0.00
WATER SERVICE STUB, COPPER, 2 IN.					
#8 - 2554-0207008	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$1,579.24	$0.00	$1,579.24
VALVE, GATE, DIP, 8 IN.					
#9 - 2554-0207012	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$44,985.00	$0.00	$44,985.00
VALVE, GATE, DIP, 12 IN.					
#10 - 2554-0210201	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$0.00	$59,328.60	$0.00	$59,328.60
FIRE HYDRANT ASSEMBLY, WM-201					
#11 - 2301-1033090	52-7662-615-CAT-1 ROADWAY ITEMS	$0.00	$63,471.30	$34,676.97	$34,676.97
STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9 IN.					
	Totals:	$0.00	$249,166.08	$34,676.97	$220,371.75

Summary

Current Approved Work:	$342,708.08	**Approved Work To Date:**	$4,699,146.63
Current Stockpile Advancement:	$0.00	**Stockpile Advancement To Date:**	$249,166.08
Current Stockpile Recovery:	$34,676.97	**Stockpile Recovery To Date:**	$220,371.75
Current Retainage:	$0.00	**Retainage To Date:**	$30,000.00
Current Retainage Released:	$0.00	**Retainage Released To Date:**	$0.00
Current Liquidated Damages:	$0.00	**Liquidated Damages To Date:**	$0.00
Current Adjustment:	$0.00	**Adjustments To Date:**	$0.00
Current Payment:	$308,031.11	**Payments To Date:**	$4,697,940.96
Previous Payment:	$250,438.56	**Previous Payments To Date:**	$4,389,909.85

Funding Details

52-7662-615-CAT-1 ROADWAY ITEMS:	$342,708.08	**52-7662-615-CAT-1 ROADWAY ITEMS To Date:**	$4,050,173.78
52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2:	$0.00	**52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2 To Date:**	$648,972.85
New Fund 52-7662-615-CAT-3 NON-PARTICIPATINGackage:	$0.00	**New Fund 52-7662-615-CAT-3 NON-PARTICIPATINGackage To Date:**	$0.00
Current Payment:	$342,708.08	**Payments To Date:**	$4,699,146.63

Doc Express® Document Signing History

Contract: 52-7662-615 Document: payment-16-20260825

This document is in the process of being signed by all required signatories using the Doc Express® service. Following are the signatures that have occurred so far.

Date	Signed By
08/26/2026	Keegan Parizek Boomerang Corp. Electronic Signature (Approved by Contractor (Optional))
08/27/2026	Kelda Hankins MSA Professional Svs Electronic Signature (Recommended by Engineer)
	(Approved by PIRC (when applicable))

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Approval of Change Order #18 – Boomerang Construction Group – North Park Road Improvements Project
ACTION:	Motion

Background

The City of Tiffin is completing the North Park Road Improvements project, identified as STP-U-7662(615)--70-52, with Boomerang Corp. serving as the prime contractor. The original awarded project amount is $5,458,891.91**,** and the currently authorized project amount is $5,586,976.68**.**

Change Order No. 18 is classified as a non-substantial change order and was created on August 25, 2026. The purpose of the change order is to correct the treatment of a Modified Subbase quantity that was included in Change Order No. 17.

The change order is necessary to correct a funding-category error associated with Change Order No. 17. The Modified Subbase overrun quantity was originally included under Category 1 federal funding in Change Order No. 17 and was subsequently approved in the project management system. Because Change Order No. 17 cannot be unapproved in the system, Change Order No. 18 is being used to remove the quantity from the participating item and establish the appropriate non-participating item.

Recommendation
Staff recommends that the City Council approve Change Order No. 18 with Boomerang Corp. for the North Park Road Improvements project.

This change order is administrative/corrective in nature, results in no increase to the overall project cost, has no impact on contract time, and corrects the funding categorization associated with Modified Subbase work from Change Order No. 17.

ATTACHMENTS: Change Order

City of Tiffin - Iowa

Change Order Details

52-7662-615

Description	STP-U-7662(615)--70-52, Letting Date- December 17, 2024
Prime Contractor	Boomerang Corp. 13225 Circle Dr Suite A, Anamosa, IA 52205 Anamosa, IA, IA 52205
Change Order	18
Status	Pending
Date Created	08/25/2026
Type	Non-Substantial
Summary	This change order corrects a modified subbase bid item quantity change from Change Order #17. For this work this needs to be a new non participating item and remove the increase to 0080 from change order #17.
Change Order Description	0080: Decrease quantity for 2115-0100000 MODIFIED SUBBASE (Participating) 8270: Add item for 2115-0100200 MODIFIED SUBBASE, PLACE ONLY (Non-Participating)
Awarded Project Amount	$5,458,891.91
Authorized Project Amount	$5,586,976.68
Change Order Amount	$0.00
Revised Project Amount	$5,586,976.68

B-Reason for Change

0080: Remove modified subbase overrun quantity from Change Order #17. This quantity was initially included under category 1 federal funding in Change Order #17, then incorrectly approved in Appia. Change Order #17 cannot be unapproved in Appia, so the modified subbase quantity funding category error will be removed with this change order.

8270: Because the roadway has already been constructed with Modified Subbase, the placement of the existing modified subbase has been included for the removal and reinstallation of the roadway section impacted by this work. This work consists of carefully removing and stockpiling as much of the existing Modified Subbase as possible without contaminating the material during excavation, then reinstalling the salvaged Modified Subbase after the trench has been properly backfilled. Compensation for this item will be based on the actual field-measured quantity, for both the removal and reinstallation of the Modified Subbase. The estimated quantity of 88.89 CY is provided solely for bidding purposes and will be adjusted to reflect the actual quantity required to complete the work. Salvaging of modified subbase will be considered incidental to placement.

C-Settlement for cost(s) of change

8270: Agreed unit price.

D-Justification for cost(s)

8260: Agreed unit price. Unit price ($86.00/CY) is above the average unit bid price of the same item ($14.20/CY) when compared with the Summary of Awarded Contract Unit Prices for the item from October 2025 to August 2026.

E-contract time adjustment

These changes would have no impact to the controlling item of work.

Increases/Decreases

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount
Section: 0001 - STP-U-7662(615)--70-52, ROADWAY ITEMS									
0080	2115-0100000	CY	$43.000	4,779.890	$205,535.27	-88.890	-$3,822.27	4,691.000	$201,713.00
MODIFIED SUBBASE									

Line Number	Item ID	Unit	Unit Price	Current		Change		Revised	
				Quantity	Amount	Quantity	Amount	Quantity	Amount

Reason: This change order corrects a modified subbase bid item quantity change from Change Order #17. For this work this needs to be a new non participating item and remove the increase to 0080 from change order #17. Remove modified subbase overrun quantity from Change Order #17. This quantity was initially included under category 1 federal funding in Change Order #17, then incorrectly approved in Appia. Change Order #17 cannot be unapproved in Appia, so the modified subbase quantity funding category error will be removed with this change order.

	Funding Details					
52-7662-615-CAT-1 ROADWAY ITEMS	4,779.890	$205,535.27	-88.890	-$3,822.27	4,691.000	$201,713.00
52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	0.000	$0.00	0.000	$0.00	0.000	$0.00
New Fund 52-7662-615-CAT-3 NON-PARTICIPATINGackage	0.000	$0.00	0.000	$0.00	0.000	$0.00
1 item Totals		$205,535.27		-$3,822.27		$201,713.00

New Items

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Section: 0001 - STP-U-7662(615)--70-52, ROADWAY ITEMS					
8270	2115-0100200	CY	44.445	$86.000	$3,822.27
MODIFIED SUBBASE, PLACE ONLY					

Reason: Because the roadway has already been constructed with Modified Subbase, the placement of the existing modified subbase has been included for the removal and reinstallation of the roadway section impacted by this work. This work consists of carefully removing and stockpiling as much of the existing Modified Subbase as possible without contaminating the material during excavation, then reinstalling the salvaged Modified Subbase after the trench has been properly backfilled. Compensation for this item will be based on the actual field-measured quantity, for both the removal and reinstallation of the Modified Subbase. The estimated quantity of 88.89 CY is provided solely for bidding purposes and will be adjusted to reflect the actual quantity required to complete the work. This change order corrects a modified subbase bid item quantity change from Change Order #17. For this work this needs to be a new non participating item and remove the increase to 0080 from change order #17. Remove modified subbase overrun quantity from

Line Number	Item ID	Unit	Quantity	Unit Price	Extension
Change Order #17. This quantity was initially included under category 1 federal funding in Change Order #17, then incorrectly approved in Appia. Change Order #17 cannot be unapproved in Appia, so the modified subbase quantity funding category error will be removed with this change order.					
			Funding Details		
	52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2		44.445	$86.000	$3,822.27
1 item					Total: $3,822.27

Funding Summary

Fund Package	Original Amount	Authorized Amount	Pending Change	Revised Amount
52-7662-615-CAT-1 ROADWAY ITEMS	$4,872,701.91	$4,878,090.53	-$3,822.27	$4,874,268.26
52-7662-615-CAT-2 ROADWAY ITEMS - DIVISION 2	$586,190.00	$708,886.15	$3,822.27	$712,708.42
New Fund 52-7662-615-CAT-3 NON-PARTICIPATINGackage	$0.00	$0.00	$0.00	$0.00
3 fund packages	$5,458,891.91	$5,586,976.68	$0.00	$5,586,976.68

Doc Express® Document Signing History

Contract: 52-7662-615 Document: change_order-18-20260825

This document is in the process of being signed by all required signatories using the Doc Express® service. Following are the signatures that have occurred so far.

Date	Signed By
08/26/2026	Keegan Parizek Boomerang Corp. Electronic Signature (Approved by Contractor)
08/26/2026	Kelda Hankins MSA Professional Svs Electronic Signature (Recommended by Engineer / Approved)
	(Approved by PIRC (when applicable))
	(Approved by Administering Bureau or designee)
	(Approved by FHWA (when applicable))

FIRST AMENDMENT TO
OFFER TO BUY REAL ESTATE AND ACCEPTANCE
(100 W Marengo Rd, Tiffin, Johnson County, Iowa)

This First Amendment to Offer to Buy Real Estate and Acceptance (this "Amendment") is made and entered into as of September 1, 2026 by and between **City of Tiffin** ("Buyer"), and **Estate of William Rogers** ("Seller").

RECITALS

A. Seller and Buyer have entered into that certain Offer to Buy Real Estate and Acceptance on August 10, 2026 (the "Purchase Agreement"), pursuant to which, and subject to the terms and conditions therein, Seller agreed to sell and Buyer agreed to purchase certain real property described therein.

B. Capitalized terms used herein and not otherwise defined herein shall have the meanings given to such terms in the Purchase Agreement.

C. Buyer and Seller now desire to amend the Purchase Agreement in accordance with the terms and conditions of this Amendment.

NOW, THEREFORE, in consideration of the promises and covenants contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Seller and Buyer hereby agree as follows:

1. The date in Paragraph 13 APPROVAL OF COURT shall be changed to September 21, 2026.

2. This Amendment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same Amendment.

3. In the event of any inconsistencies between this Amendment and the Purchase Agreement, the terms of this Amendment shall govern. Except as provided for herein, all other terms and conditions of the Purchase Agreement shall remain unchanged and the parties hereto reaffirm the terms and conditions of such Purchase Agreement. This Amendment may only be varied by a document, in writing, of even or subsequent date hereof, executed by the Parties hereto.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties have executed this First Amendment on the date set forth above.

SELLER:

Estate of William Rogers

By: _____
Daniel James Verscha, Administrator

BUYER:

City of Tiffin, Iowa

By: _____
Tim Kasparek, Mayor

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 28, 2026
AGENDA ITEM:	Approval of State Revolving Fund (SRF) Reimbursement Request #8 - Water Treatment Facility Upgrade Project
ACTION:	Motion

Background

The City of Tiffin is utilizing State Revolving Fund (SRF) financing for the Water Treatment Plant Upgrades project. The City's SRF loan amount is $14,384,000, under SRF Project No. 2025-0171W and DNR Permit No. FS-52-25-DWSRF-001.

The City has submitted Construction Disbursement Request #8 to the Iowa Finance Authority for reimbursement of eligible project costs. The request is dated September 1, 2026, and is identified as Request #8. This is not the final reimbursement request.

The $1,749,583.52 construction expense corresponds with Tricon Construction Group's Pay Application No. 12 for the Water Treatment Plant Upgrades project. The additional $41,245.74 represents engineering expenses associated with the project.

Through SRF Request #8, the City has requested a cumulative $9,417,789.87 in eligible project expenses. Of this amount, $8,886,480.76 represents construction costs and $459,389.11 represents engineering expenses, with the remaining amount reflected as the project's initiation fee.

Following Request #8, the SRF documentation identifies $4,966,210.13 as available to draw from the loan.

Recommendation

Staff recommends approval of SRF Construction Disbursement Request #8 in the amount of $1,790,829.26 and authorization for the appropriate City official to execute and submit the request to the Iowa Finance Authority.

ATTACHMENTS: Pay Application

CONSTRUCTION DISBURSEMENT REQUEST

IOWA Finance Authority

Borrower:	City of Tiffin		Contact:	Doug Boldt, City Administrator				Revenue Loan	Other Funding
Street Address:	300 Railroad Street; PO Box 259		Email:	dboldt@tiffin-iowa.org				D0814R	
City, State, Zip	Tiffin, IA 52340		Phone:	319 545-2572				Loan Amount	Amount
SRF Project #:	FS-52-25-DWSRF-001		Request Date:	9/1/2026		Final Request Yes or No:	NO	$ 14,384,000.00	
DNR Permit #(s):	2025-0171W		Request #:	8					

	Expenses									
	Legal and Muncipal Advisor Expenses	Administrative Expenses	Engineering	Tricon Construction Contract ($12,182,553.00)	Other Construction Contract if Applicable	Other Construction Contract if Applicable	Other Construction Contract if Applicable	Total Expenses	SRF Request Amount	Other Funding Request Amount
Initiation Fee								$ 71,920.00	$ 71,920.00	
Request #1			$ 217,793.28	$ 1,823,406.04				$ 2,041,199.32	$ 2,041,199.32	
Request #2			$ 31,797.65	$ 557,440.64				$ 589,238.29	$ 589,238.29	
Request #3			$ 21,646.08	$ 337,184.25				$ 358,830.33	$ 358,830.33	
Request #4			$ 32,283.66	$ 1,178,412.67				$ 1,210,696.33	$ 1,210,696.33	
Request #5			$ 37,912.22	$ 904,401.14				$ 942,313.36	$ 942,313.36	
Request #6			$ 41,585.15	$ 1,048,697.06				$ 1,090,282.21	$ 1,090,282.21	
Request #7			$ 35,125.33	$ 1,287,355.44				$ 1,322,480.77	$ 1,322,480.77	
Request #8			$ 41,245.74	$ 1,749,583.52				$ 1,790,829.26	$ 1,790,829.26	
Request #9								$ -		
Request #10								$ -		
Request #11								$ -		
Request #12								$ -		
Request #13								$ -		
Request #14								$ -		
Request #15								$ -		
Request #16								$ -		
Request #17								$ -		
Request #18								$ -		
Request #19								$ -		
Request #20								$ -		
Request #21								$ -		
Request #22								$ -		
Total	$ -	$ -	$ 459,389.11	$ 8,886,480.76	$ -	$ -	$ -	$ 9,417,789.87	$ 9,417,789.87	$ -

I hereby certify that this request for disbursement of is a true and accurate request for disbursement; that it is made in accordance with the terms and conditions of the above referenced Agreements; and that the corresponding invoices attached to the request and this request represents eligible project costs not previously requested or to be requested from other sources.

Available to Draw
$ 4,966,210.13

Typed or Printed Name and Title

Signature of Authorized Representative

Contractor's Application for Payment

Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:	Water Treatment Plant Upgrades		

Application No.: 12R **Application Date:** 8/21/2026

Application Period: **From** 7/24/2026 **to** 8/21/2026

1. Original Contract Price		$	12,182,553.00
2. Net change by Change Orders		$	20,148.91
3. Current Contract Price (Line 1 + Line 2)		$	12,202,701.91
4. Total Work completed and materials stored to date		$	9,354,190.28
(Sum of Column G Lump Sum Total and Column G Unit Price Total)		$	9,354,190.28
5. Retainage			
a. 5% X $ 8,552,711.10 Work Completed		$	427,635.56
b. 5% X $ 801,479.18 Stored Materials		$	40,073.96
c. Total Retainage (Line 5.a + Line 5.b)		$	467,709.52
6. Amount eligible to date (Line 4 - Line 5.c)		$	8,886,480.76
7. Less previous payments (Line 6 from prior application)		$	7,136,897.24
8. **Amount due this application**		$	1,749,583.52
9. Balance to finish, including retainage (Line 3 - Line 4, plus 5c)		$	3,316,221.15

Contractor's Certification

The undersigned Contractor certifies, to the best of its knowledge, the following:

Contractor: Tricon Construction Group

Signature: Mary K. Stone **Date:** 8-22-2026

PAYMENT OF: $ **1,749,583.52**

(line 8 or other - attach explanation of the other amount)

Recommended by Engineer		**Approved by Owner**	
By:	Claire Wiener	**By:**	
Title:	Senior Project Engineer	**Title:**	
Date:	8/27/2026	**Date:**	

Approved by Funding Agency			
By:		**By:**	
Title:		**Title:**	
Date:		**Date:**	

EJCDC® C-620 Contractor's Application for Payment
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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** From 07/24/26 to 08/21/26 **Application Date:** 08/21/26

A	B	C	D	E	F	G	H	I
			Work Completed					
Item No.	Description	Scheduled Value ($)	(D + E) From Previous Application ($)	This Period ($)	Materials Currently Stored (not in D or E) ($)	Work Completed and Materials Stored to Date (D + E + F) ($)	% of Scheduled Value (G / C) (%)	Balance to Finish (C - G) ($)
			Original Contract					
00	**General Requirements**					-		-
01	General Conditions	$588,953.00	429,845.57	78,153.74		507,999.31	86%	80,953.69
02	Bond/Buider's Risk Insurance	$199,542.00	199,542.00			199,542.00	100%	-
03	Allowance EP1 - Generator & ATS	$329,890.00	329,890.00			329,890.00	100%	-
04	Allowance EP2 Electrical Equipment	Line item 167	-			-		-
05	Allowance - Electrical Service	$5,000.00	-			-	0%	5,000.00
06	Mobilization	$350,000.00	350,000.00			350,000.00	100%	-
07	Site Testing	$53,736.00	41,499.99	5,059.16		46,559.15	87%	7,176.85
08	Traffic Control	$10,000.00	5,000.00	2,000.00		7,000.00	70%	3,000.00
09	Portable Toilets	$5,400.00	2,484.64	1,250.00		3,734.64	69%	1,665.36
10	Dumpster	$14,600.00	7,500.00	2,000.00		9,500.00	65%	5,100.00
11	Concrete Washout Pit	$2,400.00	1,680.00	240.00		1,920.00	80%	480.00
12	Erosion Control	$8,250.00	5,000.00	1,000.00		6,000.00	73%	2,250.00
13			-			-		-
14	**Existing Conditions**		-			-		-
15	Structure Demolition	$33,445.00	-			-	0%	33,445.00
16			-			-		-
17	**Concrete**		-			-		-
18	**Structure 10 - Existing Building**		-			-		-
19	Rebar - Materials	$54,588.00	49,129.20			49,129.20	90%	5,458.80
20	Rebar - Labor	$46,399.80	41,759.82			41,759.82	90%	4,639.98
21	Concrete - Materials	$165,884.00	149,295.60			149,295.60	90%	16,588.40
22	Concrete - Labor	$91,308.20	82,177.38			82,177.38	90%	9,130.82
23	**Structure 20 - RO Building**		-			-		-
24	Rebar - Materials	$84,556.00	80,328.20	4,227.80		84,556.00	100%	-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

25	Rebar - Labor	$71,872.60	68,278.97	3,593.63		71,872.60	100%	-
26	Base Footings Materials	$89,665.00	89,665.00			89,665.00	100%	-
27	Base Footings Labor	$49,315.75	49,315.75			49,315.75	100%	-
28	Wall Footings Materials	$98,663.00	98,663.00			98,663.00	100%	-
29	Wall Footings Labor	$54,264.65	54,264.65			54,264.65	100%	-
30	Floor Slab Materials	$156,442.00	156,442.00			156,442.00	100%	-
31	Floor Slab Labor	$88,874.50	88,874.50			88,874.50	100%	-
32	Equipment Pads Materials	$1,515.00	1,363.50			1,363.50	90%	151.50
33	Equipment Pads Labor	$3,451.50	3,106.35			3,106.35	90%	345.15
34	Precast Concrete Materials	$575,000.00	575,000.00			575,000.00	100%	-
35	Precast Concrete Labor	$204,412.67	204,412.67			204,412.67	100%	-
36	**Structure 30- Clearwell**		-			-		-
37	Rebar Materials	$204,551.00	132,958.15	71,592.85		204,551.00	100%	-
38	Rebar labor	$112,503.05	73,126.98	39,376.07		112,503.05	100%	-
39	Mat Foundation - Materials	$123,255.00	123,255.00			123,255.00	100%	-
40	Mat Foundation - Labor	$68,450.80	68,450.80			68,450.80	100%	-
41	Walls - Materials	$78,452.00	78,452.00			78,452.00	100%	-
42	Walls - Labor	$98,065.00	88,258.50			88,258.50	90%	9,806.50
43	Elevated Slab - Materials	$198,553.00	198,553.00			198,553.00	100%	-
44	Elevated Slab - Labor	$109,204.15	109,204.15			109,204.15	100%	-
45	Precast Concrete - Materials	$210,000.00	202,500.00			202,500.00	96%	7,500.00
46	Precast Concrete - Labor	$61,058.33	48,846.67	12,211.67		61,058.34	100%	(0.01)
47			-			-		-
48	**Masonry**		-			-		-
49	Masonry - Materials	$15,116.00	-	15,116.00		15,116.00	100%	-
50	Masonry - Labor	$50,603.00	-	50,603.00		50,603.00	100%	-
51			-			-		-
52	**Metals**		-			-		-
53	Metal Fabrications - Materials	$57,200.00	-			-	0%	57,200.00
54	Metal Fabrications - Labor	$13,556.25	-			-	0%	13,556.25
55	Handrails & Railings Labor	$5,966.50	-			-	0%	5,966.50

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Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:			

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

56	Grating - Labor	$2,777.25	-			-	0%	2,777.25
57			-			-		-
58	**Wood, Plastics and Composites**		-			-		-
59	**Structure 10 - Existing Building**		-			-		-
60	Walls, Headers, Mezz Hardware - M	$15,568.75	-			-	0%	15,568.75
61	Walls, Headers, Mezz Hardware - L	$45,669.32	-			-	0%	45,669.32
62	Trusses - Materials	$15,887.00	-			-	0%	15,887.00
63	Trusses - Labor	$55,229.36	-			-	0%	55,229.36
64	**Structure 20 - RO Building**		-			-		-
65	Walls, Headers, Mezz Hardware - M	$25,568.65	9,915.93			9,915.93	39%	15,652.72
66	Walls, Headers, Mezz Hardware - L	$55,565.78	16,669.73			16,669.73	30%	38,896.05
67	Trusses - Materials	$33,966.50	33,966.50			33,966.50	100%	-
68	Trusses - Labor	$79,156.72	75,198.88	3,957.84		79,156.72	100%	-
69	FRP Grating - Materials	$32,000.00	16,000.00	14,400.00	-	30,400.00	95%	1,600.00
70	FRP Grating - Labor	$17,836.00	500.00	16,444.20		16,944.20	95%	891.80
71	**Structural 30 - Clearwell**		-			-		-
72	Walls, Headers, Hardware - Materials	$3,692.40	1,846.20	1,846.20		3,692.40	100%	-
73	Walls, Headers, Hardware - Labor	$18,569.52	9,284.76	9,284.76		18,569.52	100%	-
74	Trusses - Materials	$5,858.50	5,858.50			5,858.50	100%	-
75	Trusses - Labor	$16,979.50	16,979.50			16,979.50	100%	-
76			-			-		-
77	**Thermal & Moisture Protection**		-			-		-
78	Blown Insulation	$20,001.00	-			-	0%	20,001.00
79	**Structure 10 - Existing Building**		-			-		-
80	Metal Roofing - Materials	$11,566.00	-			-	0%	11,566.00
81	Metal Roofing - Labor	$6,541.50	-			-	0%	6,541.50
82	Preformed Metal Soffit - Materials	$1,586.00	-			-	0%	1,586.00
83	Preformed Metal Soffit - Labor	$1,852.50	-			-	0%	1,852.50
84	Gutters & Downspouts - Materials	$2,500.00	-			-	0%	2,500.00
85	Gutters & Downspouts - Labor	$3,215.00	-			-	0%	3,215.00
86	**Structure 20 - RO Building**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

87	Metal Roofing - Materials	$35,256.00	22,916.40			22,916.40	65%	12,339.60
88	Metal Roofing - Labor	$40,587.00	26,381.55			26,381.55	65%	14,205.45
89	Preformed Metal Soffit - Materials	$5,877.00	-			-	0%	5,877.00
90	Preformed Metal Soffit - Labor	$9,992.12	-			-	0%	9,992.12
91	Gutters & Downspouts - Materials	$5,600.00	-			-	0%	5,600.00
92	Gutters & Downspouts - Labor	$8,544.32	-			-	0%	8,544.32
93	**Structure 30 - Clearwell**		-			-		-
94	Metal Roofing - Materials	$9,442.00	-	944.20		944.20	10%	8,497.80
95	Metal Roofing - Labor	$11,566.68	-	1,156.67		1,156.67	10%	10,410.01
96	Preformed Metal Soffit - Materials	$3,655.00	-			-	0%	3,655.00
97	Preformed Metal Soffit - Labor	$6,552.46	-			-	0%	6,552.46
98	Gutters & Downspouts - Materials	$2,651.00	-			-	0%	2,651.00
99	Gutters & Downspouts - Labor	$3,215.42	-			-	0%	3,215.42
100	Roof Hatches - Materials	$6,200.00	6,200.00			6,200.00	100%	-
101			-			-		-
102	**Openings**		-			-		-
103	HM Frames, Doors & Hardware-Materials	$53,528.00	-	22,474.24	20,348.16	42,822.40	80%	10,705.60
104	HM Frames, Doors & Hardware-Labor	$6,890.00	-	5,512.00		5,512.00	80%	1,378.00
105	Vault Doors - Materials	$49,611.00	41,826.00	7,785.00		49,611.00	100%	-
106	Vault Doors - Labor	$3,110.00	3,110.00			3,110.00	100%	-
107	Overhead Door	$43,790.00	32,842.50	8,758.00		41,600.50	95%	2,189.50
108	Aluminum Windows	$8,996.00	4,700.00			4,700.00	52%	4,296.00
109			-			-		-
110	**Finishes**		-			-		-
111	Resilient Base	$2,500.00	-			-	0%	2,500.00
112	Epoxy Flooring	$67,408.00	-	37,577.75	6,417.25	43,995.00	65%	23,413.00
113	High Performance Coatings	$68,724.00	44,381.75			44,381.75	65%	24,342.25
114			-			-		-
115	**Specialties**		-			-		-
116	Signage	$450.00	-			-	0%	450.00
117	Metal Lockers	$7,100.00	-		2,400.00	2,400.00	34%	4,700.00

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Owner:	City of Tiffin	**Owner's Project No.:**	
Engineer:	MSA Professional Services	**Engineer's Project No.:**	13603016
Contractor:	Tricon Construction Group	**Contractor's Project No.:**	
Project:	Water Treatment Plant Upgrades - City of Tiffin		
Contract:			

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

118	Metal Storage Systems	$6,947.00	-			-	0%	6,947.00
119	Fire Extinguishers	$854.00	-	854.00		854.00	100%	-
120			-			-		-
121	**Furnishings**		-			-		-
122	Lab Casework	$18,810.00	-	9,405.00		9,405.00	50%	9,405.00
123			-			-		-
124	**Plumbing**		-			-		-
125	Bldg 20 Trench Drains/UG Plumbing Mat	$26,000.00	26,000.00			26,000.00	100%	-
126	Bldg 20 Trench Drains/UG Plumbing Labor	$25,000.00	25,000.00			25,000.00	100%	-
127	Bldg 20 AG Plumbing Materials	$5,000.00	-	2,000.00		2,000.00	40%	3,000.00
128	Bldg 20 AG Plumbing Materials Labor	$20,000.00	-			-	0%	20,000.00
129	Bldg 20 Plumbing Fixtures	$15,500.00	-		14,666.58	14,666.58	95%	833.42
130	Bldg 20 AG Plumbing Labor	$28,000.00	-	14,541.00		14,541.00	52%	13,459.00
131	Bldg 10 AG Plumbing Materials	$5,000.00	-			-	0%	5,000.00
132	Bldg 10 AG Plumbing Labor	$20,000.00	-			-	0%	20,000.00
133	Insulation	$5,000.00	-			-	0%	5,000.00
134			-			-		-
135	**HVAC/Dehumidifier**		-			-		-
136	EF & Destrat	$37,066.00	-			-	0%	37,066.00
137	EUH	$9,492.00	-			-	0%	9,492.00
138	GUH	$3,660.00	-	3,294.00		3,294.00	90%	366.00
139	LV & Dampers	$15,828.00	-			-	0%	15,828.00
140	Split & F/CU	$20,788.00	-			-	0%	20,788.00
141	Dehumidifiers	$18,166.00	-			-	0%	18,166.00
142	Duct Material	$4,003.00	-	1,500.00		1,500.00	37%	2,503.00
143	HVAC Materials	$4,497.00	-	685.00		685.00	15%	3,812.00
144	HVAC Labor	$117,908.00	-	18,500.00		18,500.00	16%	99,408.00
145	Insulation	$10,000.00	-			-	0%	10,000.00
146	Test & Balance	$5,750.00	-			-	0%	5,750.00
147			-			-		-
148	**Electrical & Controls**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

149	**Electrical**		-			-		-
150	Mobilization - Neumiller	$122,150.00	122,150.00			122,150.00	100%	-
151	Submittals	$15,114.00	15,114.00			15,114.00	100%	-
152	Manholes	$20,000.00	20,000.00			20,000.00	100%	-
153	Lighting Lot	$39,160.00	32,831.69			32,831.69	84%	6,328.31
154	Gear Lot	$73,570.00	-	61,063.10		61,063.10	83%	12,506.90
155	Site Material	$155,725.00	95,076.25			95,076.25	61%	60,648.75
156	Site Labor	$79,845.00	44,922.50			44,922.50	56%	34,922.50
157	Existing Plant Material	$34,488.00	10,346.40			10,346.40	30%	24,141.60
158	Existing Plant Labor	$44,883.00	13,464.30			13,464.30	30%	31,418.70
159	Well No. 3	$4,933.00	1,915.90			1,915.90	39%	3,017.10
160	Well No. 5 Material	$8,819.00	6,614.25			6,614.25	75%	2,204.75
161	RO Building Material	$42,586.00	21,292.90	6,387.90		27,680.80	65%	14,905.20
162	RO Building Labor	$77,390.00	30,956.00	19,347.50		50,303.50	65%	27,086.50
163	Clearwell Material	$6,653.00	665.30			665.30	10%	5,987.70
164	Clearwell Labor	$11,184.00	1,118.40			1,118.40	10%	10,065.60
165			-			-		-
166			-			-		-
167	**Allowance - EP2 - Elec Equip & Controls**		-			-		-
168	Elec Systems Analysis	$75,000.00	37,500.00			37,500.00	50%	37,500.00
169	LV Transformers	$125,000.00	-			-	0%	125,000.00
170	Control Panels	$95,890.00	-		45,609.00	45,609.00	48%	50,281.00
171	Field Instrumentation	$185,000.00	-	12,116.29	109,835.71	121,952.00	66%	63,048.00
172	MCCs	$365,000.00	125,000.00		141,920.00	266,920.00	73%	98,080.00
173	Electrical Distribution Equipment	$114,000.00	75,000.00			75,000.00	66%	39,000.00
174	SCADA Networking Integration	$102,500.00	-			-	0%	102,500.00
175	HS Pump #3 Enclosure	$85,273.00	-		70,960.00	70,960.00	83%	14,313.00
176			-			-		-
177	**Earthwork**		-			-		-
178	Site Preloading	$194,820.00	194,820.00			194,820.00	100%	-
179	General Site Grading/Backfill	$265,000.00	106,000.00	26,500.00		132,500.00	50%	132,500.00

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Progress Estimate - Lump Sum Work

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Owner: City of Tiffin
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Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

180	Bldg 10 - Foundations (Exc&BF)	$25,630.00	25,630.00			25,630.00	100%	-
181	Bldg 20 - RO Fundations (Exc&BF)	$45,250.00	45,250.00			45,250.00	100%	-
182	Bldg 20 - Aeration Tank Found (Ex&BF)	$15,640.00	15,640.00			15,640.00	100%	-
183	Bldg 30 - Foundations (Exc&BF)	$37,650.00	18,825.00	16,942.50		35,767.50	95%	1,882.50
184			-			-		-
185	**Exterior Improvements**		-			-		-
186	Asphalt Paving (Trail)	$22,130.00	22,130.00			22,130.00	100%	-
187	Concrete Paving (Site)	$130,288.00	-	97,716.00		97,716.00	75%	32,572.00
188	Chain Link Fencing	$32,250.00	-			-	0%	32,250.00
189	Seeding	$6,914.00	-			-	0%	6,914.00
190			-			-		-
191	**Utilities**		-			-		-
192	A - 12" W to Clearwell	$32,544.00	29,289.60			29,289.60	90%	3,254.40
193	B - 8" W to Clearwell	$25,663.00	25,663.00			25,663.00	100%	-
194	C - UG Storm Sewer North	$48,686.00	38,948.80			38,948.80	80%	9,737.20
195	D - 12" W Aerator to Clearwell	$18,549.00	18,549.00			18,549.00	100%	-
196	E - 12" W Bldg 10 to Bldg 20	$8,554.00	7,698.60			7,698.60	90%	855.40
197	G - UG Storm Sewer East	$67,822.00	67,822.00			67,822.00	100%	-
198	H & J- UG Storm Sewer West/South	$87,552.00	87,552.00			87,552.00	100%	-
199	K - UG Storm Sewer Clearwell West	$42,500.00	-			-	0%	42,500.00
200	F - UG Sanitary Manholes & Piping	$165,835.00	165,835.00			165,835.00	100%	-
201	Roof Drains	$2,500.00	2,000.00	500.00		2,500.00	100%	-
202	Bldg 20 - Process Drain Manhole	$8,500.00	8,500.00			8,500.00	100%	-
203			-			-		-
204	**Process Integration (Piping)**		-			-		-
205	**Structure 10 - Existing Bldg**		-			-		-
206	Process Piping Materials	$55,103.74	-		17,745.00	17,745.00	32%	37,358.74
207	Process Piping Labor	$37,550.00	-			-	0%	37,550.00
208	Valves Materials	$9,500.00	-		9,500.00	9,500.00	100%	-
209	Valves Labor	$8,250.28	-			-	0%	8,250.28
210	**Structure 20 - RO Building**		-			-		-

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

211	Process Piping Materials	$111,340.84	-	24,701.00	42,224.48	66,925.48	60%	44,415.36
212	Process Piping Labor	$85,502.50	2,137.56	19,238.06		21,375.62	25%	64,126.88
213	Valves Materials	$83,000.00	-		29,765.00	29,765.00	36%	53,235.00
214	Valves Labor	$30,614.26	-			-	0%	30,614.26
215	Structure 30 - Clearwell		-			-		-
216	Process Piping Materials	$62,822.42	7,658.00	6,259.50	2,820.00	16,737.50	27%	46,084.92
217	Process Piping Labor	$69,588.64	-	17,397.16		17,397.16	25%	52,191.48
218	Valves Materials	$42,830.00	-		10,554.50	10,554.50	25%	32,275.50
219	Valves Labor	$26,450.68	-			-	0%	26,450.68
220	Insulation	$6,825.00	-			-	0%	6,825.00
221			-			-		-
222	**Pollution Control Equipment**		-			-		-
223	Vertical Turbine Pumps Materials	$115,300.00	2,700.00		112,600.00	115,300.00	100%	-
224	Vertical Turbine Pumps Labor	$24,601.24	-			-	0%	24,601.24
225	Slide Gates Materials	$24,155.00	24,155.00			24,155.00	100%	-
226	Slide Gates Labor	$9,001.40	9,001.40			9,001.40	100%	-
227	Clearwell Leak Testing	$18,144.00	-	18,144.00		18,144.00	100%	-
228	Lab Equipment	$7,216.00	-		7,216.00	7,216.00	100%	-
229	Filter Media Replacement Materials	$49,780.00	49,780.00			49,780.00	100%	-
230	Filter Media Replacement Labor	$16,480.00	16,480.00			16,480.00	100%	-
231	Forced Draft Aerator Materials	$125,890.00	-	31,472.50	31,472.50	62,945.00	50%	62,945.00
232	Forced Draft Aerator Labor	$14,995.00	749.75	6,747.75		7,497.50	50%	7,497.50
233	RO System Materials	$1,408,500.00	281,700.00	915,525.00		1,197,225.00	85%	211,275.00
234	RO System Labor	$203,600.00	-	162,880.00		162,880.00	80%	40,720.00
235	Chem Sys Chlorine Fluoride Caustic	$125,425.00	-		125,425.00	125,425.00	100%	-
236	Chem Systems Labor	$41,582.00	4,158.20			4,158.20	10%	37,423.80
237			-			-		-
	Original Contract Totals	**$ 12,182,553.00**	**$ 6,640,343.04**	**$1,910,282.04**	**$ 801,479.18**	**$ 9,352,104.26**	**77%**	**$ 2,830,448.74**

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Progress Estimate - Lump Sum Work

Contractor's Application for Payment

Owner: City of Tiffin
Engineer: MSA Professional Services
Contractor: Tricon Construction Group
Project: Water Treatment Plant Upgrades - City of Tiffin
Contract:

Owner's Project No.:
Engineer's Project No.: 13603016
Contractor's Project No.:

Application No.: 12R **Application Period:** **From** 07/24/26 **to** 08/21/26 **Application Date:** 08/21/26

	Change Orders							
238	**Change Order #1**					-		-
239	Electrical Controls Changes	$12,420.34	-			-	0%	12,420.34
240			-			-		-
241	**Change Order #2**		-			-		-
242	COR #003R2-Water Service Addition	3,545.10	3,018.07			3,018.07	85%	527.03
243	COR-004+-Xfmr Pad relocate & bollards	1,804.21	-			-	0%	1,804.21
244	COR -006 - Chem Containment Curbs	1,022.01	1,022.01			1,022.01	100%	-
245	COR -007 - Bldg 10 Load Brg Wall Chngs	2,556.62	442.75	2,113.87		2,556.62	100%	-
246	COR-008R-12" Valve Add,6" Valve Deducts	(1,619.74)	(1,619.74)			(1,619.74)	100%	-
247	COR-010-MCC Rm Intake Duct Addition	3,402.31	-			-	0%	3,402.31
248	COR-012-Low Lift Pump Efficiency Credit	(2,890.94)	(2,890.94)			(2,890.94)	100%	-
249			-			-		-
250			-			-		-
251			-			-		-
252			-			-		-
253			-			-		-
254			-			-		-
255			-			-		-
256			-			-		-
257						-		-
	Change Order Totals	**$ 20,239.91**	**$ (27.85)**	**$ 2,113.87**	**$ -**	**$ 2,086.02**	**10%**	**$ 18,153.89**
	Original Contract and Change Orders							
	Project Totals	**$ 12,202,792.91**	**$ 6,640,315.19**	**$1,912,395.91**	**$ 801,479.18**	**$ 9,354,190.28**	**77%**	**$ 2,848,602.63**

EJCDC® C-620 Contractor's Application for Payment
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Stored Materials Summary | **Contractor's Application for Payment**

Owner: City of Tiffin
Engineer: MSA
Contractor: Tricon
Project: Contract:

Owner's Project No.:
Engineer's Project No.: 25-0125-IA
Contractor's Project No.:

Application No.: 12 | Application Period: From 8/1/2026 to 8/31/2026 | Application Date: 8/21/26

A	B	C	D	E	F	G	H	I	J	K	L	M
						Materials Stored			Incorporated in Work			
Item No. (Lump Sum Tab) or Bid Item No. (Unit Price Tab)	Supplier Invoice No.	Submittal No. (with Specification Section No.)	Description of Materials or Equipment Stored	Storage Location	Application No. When Materials Placed in Storage	Previous Amount Stored ($)	Amount Stored this Period ($)	Amount Stored to Date (G+H) ($)	Amount Previously Incorporated in the Work ($)	Amount Incorporated in the Work this Period ($)	Total Amount Incorporated in the Work (J+K) ($)	Materials Remaining in Storage (I-L) ($)
105	0176660-IN	083459-001-1	Vault Doors	Installed	4	$ 21,050.00	$ -	$ 21,050.00	$ 21,050.00	$ -	$ 21,050.00	$ -
213	039823, 039852	402323-001-1	12" PRV, 8" Gate Valve	Onsite	6	$ 29,765.00	$ -	$ 29,765.00	$ -	$ -	$ -	$ 29,765.00
217	039852	402323-001-1	8" Gate Valves (3)	Onsite	6	$ 9,034.50	$ -	$ 9,034.50	$ -	$ -	$ -	$ 9,034.50
223	0177001-IN	444256.10-001-1	LL & HS Pumps/ Motors	Offsite	6	$ 112,600.00	$ -	$ 112,600.00	$ -	$ -	$ -	$ 112,600.00
225	040047	444276.30-001-0	Mechaniclal Slide Gates	Installed	7	$ 24,155.00	$ -	$ 24,155.00	$ 24,155.00	$ -	$ 24,155.00	$ -
37	50035882168	03200-001-3	Clearwell Rebar	Installed	7	$ 25,283.00	$ -	$ 25,283.00	$ 25,283.00	$ -	$ 25,283.00	$ -
37	50035881578	03200-001-3	Clearwell Rebar	Installed	7	$ 24,024.00	$ -	$ 24,024.00	$ 24,024.00	$ -	$ 24,024.00	$ -
37	50035901450	03200-001-3	Clearwell Rebar	Installed	7	$ 22,318.00	$ -	$ 22,318.00	$ 22,318.00	$ -	$ 22,318.00	$ -
37	50035914613	03200-001-3	Clearwell Rebar	Installed	7	$ 15,090.70	$ -	$ 15,090.70	$ 15,090.70	$ -	$ 15,090.70	$ -
216	Y774097	402323-001-2	Clearwell Top Vent Pipes	Installed	8	$ 2,820.00	$ -	$ 2,820.00	$ 2,820.00	$ -	$ 2,820.00	$ -
218	040370	402323-001-1	2" ARV Valve	Onsite	8	$ 1,520.00	$ -	$ 1,520.00	$ -	$ -	$ -	$ 1,520.00
100	0177182-IN	077233-001-3	Clearwell Bilco Roof Hatches	Installed	8	$ 5,193.00	$ -	$ 5,193.00	$ 5,193.00	$ -	$ 5,193.00	$ -
228	CC Receipt	444276.60-001-1	Lab Equipment - CL Mtr & Spectrophotometer	Onsite	8	$ 7,216.00	$ -	$ 7,216.00	$ -	$ -	$ -	$ 7,216.00
129	Pay App #1	220000-001-3	AG Plumbing Fixtures	Offsite	8	$ 14,666.58	$ -	$ 14,666.58	$ -	$ -	$ -	$ 14,666.58
171	044841	269000-001-3	Instrumentation	Onsite	8	$ 65,106.00	$ -	$ 65,106.00	$ -	$ -	$ -	$ 65,106.00
170	044987	262416-001-0	Panelboards, Xfmr, Ctrl Stations	Onsite	9	$ 22,746.00	$ -	$ 22,746.00	$ -	$ -	$ -	$ 22,746.00
235	58947B53055	444416.001-1	Chem Pumps, FM's, Misc Matl	Onsite	9	$ 61,337.00	$ -	$ 61,337.00	$ -	$ -	$ -	$ 61,337.00
69	26-550	055300-001-2	FRP Embedded Angles	Installed	9	$ 15,500.00	$ -	$ 15,500.00	$ 15,500.00	$ -	$ 15,500.00	$ -
105	0177334-IN	077233-001-3	Roof Hatches (Pumps)	Installed	9	$ 7,785.00	$ -	$ 7,785.00	$ -	$ 7,785.00	$ 7,785.00	$ -
171	045057	269000-001-3	LT's, TT's, Switches, PT's	Onsite	9	$ 14,439.00	$ -	$ 14,439.00	$ -	$ -	$ -	$ 14,439.00
170	045125		RTU Units	Onsite	10	$ 22,863.00	$ -	$ 22,863.00	$ -	$ -	$ -	$ 22,863.00
171	045125		Flow Meters (7ea)	Onsite	10	$ 42,407.00	$ -	$ 42,407.00	$ -	$ 12,116.29	$ 12,116.29	$ 30,290.71
172	045125		HSP VFD Enclosures (2)	Onsite	10	$ 141,920.00	$ -	$ 141,920.00	$ -	$ -	$ -	$ 141,920.00
175	045125		HSP #3 Enclosure	Onsite	10	$ 70,960.00	$ -	$ 70,960.00	$ -	$ -	$ -	$ 70,960.00
208	040682		Valve A26 - 8" BFV	Onsite	10	$ 9,500.00	$ -	$ 9,500.00	$ -	$ -	$ -	$ 9,500.00
103	27082		HM Doors & Frames	Onsite	11	$ 20,348.16	$ -	$ 20,348.16	$ -	$ -	$ -	$ 20,348.16
112	Pay App #1		Epoxy Coating Material	Offsite	11	$ 18,335.00	$ -	$ 18,335.00	$ -	$ 11,917.75	$ 11,917.75	$ 6,417.25
231	29980H		FD Aerator/ Blower	Onsite	11	$ 62,945.00	$ -	$ 62,945.00	$ -	$ 31,472.50	$ 31,472.50	$ 31,472.50
235	58947B55719 58947B55768		Chem Quills & Static Mixer	Onsite	11	$ 42,965.00	$ -	$ 42,965.00	$ -	$ -	$ -	$ 42,965.00
206	Z208988		Bldg 10 Piping & Fittings	Onsite	11	$ 17,745.00	$ -	$ 17,745.00	$ -	$ -	$ -	$ 17,745.00
211	Z208988		Bldg 20 Piping & Fittings	Onsite	11	$ 66,925.48	$ -	$ 66,925.48	$ -	$ 24,701.00	$ 24,701.00	$ 42,224.48
216	Z208988		Bldg 30 Piping & Fittings	Onsite	11	$ 6,259.50	$ -	$ 6,259.50	$ -	$ 6,259.50	$ 6,259.50	$ -
117			Metal Lockers	Onsite	12	$ -	$ 2,400.00	$ 2,400.00	$ -	$ -	$ -	$ 2,400.00
235	58947B57110		Chem Tanks & Scales	Onsite	12	$ -	$ 21,123.00	$ 21,123.00	$ -	$ -	$ -	$ 21,123.00
						$ -		$ -	$ -	$ -	$ -	$ -
						$ -		$ -	$ -	$ -	$ -	$ -

INVOICE

TO MAKE A PAYMENT BY CREDIT CARD, PLEASE REQUEST A SECURE LINK VIA COLLECTIONS@MSA-PS.COM. A 3% SERVICE FEE WILL BE ADDED TO INVOICES PAID BY CREDIT CARD. PAST DUE BALANCES ARE SUBJECT TO AN INTEREST RATE OF 1.5% PER MONTH.

City of Tiffin
PO Box 259
300 Railroad Street
Tiffin, IA 52340

Invoice No:	032356
Invoice Date:	8/26/2026
Invoice Terms:	Due upon receipt
Project No:	R13603021.00
Project Manager:	Clint Wienen
Client Liaison:	Andrew Inhelder
Customer Ref:	

From 07/12/2026 To 08/15/2026

R13603021.00 Tiffin Water Treatment Facility Upgrade Bidding & CRS

Progress detail

Phase	Fee	Percent complete	Previous billing	Current billing	Remaining contract
Bidding	32,000.00	100.00%	32,000.00	0.00	0.00
Construction Administration	374,000.00	66.90%	231,228.74	18,974.70	123,796.56
Post Construction	44,000.00	0.00%	0.00	0.00	44,000.00
Subtotal	450,000.00	62.71%	263,228.74	18,974.70	167,796.56

R13603021.00.300 - RPR

Subtotal RPR **22,271.04**

Total 41,245.74

Please include the MSA Invoice Number and Project Number with your payment.

ACH Payments:

ach@msa-ps.com
Account Number: 101065930
Routing Number: 075901590
Bank Information: ACH/Wire, Baraboo State Bank, 101 3rd Avenue
Baraboo, WI 53913

Check Payments:

MSA
1230 South Boulevard
Baraboo, WI 53913

City of TIFFIN

300 Railroad St. PO Box 259 Tiffin, IA 52340
P. 319-545-2572 F. 319-545-4147 www.tiffin-iowa.org

PROCLAMATION
BY THE MAYOR OF THE CITY OF TIFFIN

Building and Code Staff Appreciation Day
September 1, 2026

WHEREAS, building and code professionals play an essential role in protecting the health, safety, and welfare of residents and visitors by ensuring that buildings, structures, and development within our community meet established safety standards; and

WHEREAS, building officials, inspectors, plans examiners, code enforcement personnel, and other development services staff work diligently to administer and enforce building codes, zoning regulations, property maintenance standards, and other requirements that contribute to safe, accessible, and well-planned communities; and

WHEREAS, these professionals serve as an important resource to property owners, contractors, developers, businesses, and residents, providing guidance and assistance throughout the construction, renovation, and development process; and

WHEREAS, effective code administration requires extensive knowledge, continued education, sound judgment, attention to detail, and a commitment to fairness and consistency; and

WHEREAS, building and code staff frequently work behind the scenes and in challenging conditions to identify potential hazards, address violations, review plans, conduct inspections, and help ensure that construction and development are completed safely and responsibly; and

WHEREAS, strong building and code services help foster public confidence, protect property values, support responsible growth, and contribute to the long-term quality and sustainability of our community; and

WHEREAS, the City of Tiffin recognizes the dedication and professionalism of the individuals who serve our community through building inspection, code enforcement, plans examination, zoning, and related development services.

NOW, THEREFORE, BE IT PROCLAIMED, that the City of Tiffin, Iowa, hereby recognizes

September 1, 2026 as
Building and Code Staff Appreciation Day

and encourages all residents, businesses, contractors, developers, and community partners to join us in expressing appreciation to the dedicated professionals who help keep our community safe, compliant, accessible, and growing responsibly.

BE IT FURTHER PROCLAIMED, that the City of Tiffin extends its sincere gratitude to all building and code staff for their commitment to public safety, professional excellence, and service to our community.

IN TESTIMONY WHEREOF, I have hereunto signed my name and have officially caused the Seal of the City to be affixed this 1st day of September, 2026.

Signed this 1st day of September, 2026, in City of Tiffin, Johnson County, Iowa.

City of Tiffin

_____
Tim Kasparek, Mayor

ATTEST: _____
Abigail Hora, City Clerk

RESOLUTION NO. 2026-045

A RESOLUTION SETTING A PUBLIC HEARING DATE OF SEPTEMBER 15, 2026, ON ORDINANCE AMENDING CHAPTER 35 – FIRE PROTECTION – CREATING AN EMS ONLY DIVISION OF THE FIRE DEPARTMENT

Whereas, the City of Tiffin is considering an ordinance amending Chapter 35 of the Tiffin Municipal Code relating to Fire Protection; and

Whereas, Iowa law requires that a public hearing be held prior to the adoption of amendments to municipal code ordinances; and

Whereas, the City Council desires to set the date and time for such public hearing.

Now, therefore be it resolved by the City Council of the City of Tiffin, Iowa, that the Public Hearing to considerer the ordinance amending Chapter 35 Section 14 Emergecny Medical Service is hereby set for September 15, 2026 at 7:00 p.m. at the Tiffin City Hall Council Chambers located at 300 Railroad Street, Iowa 52340;

On the ___ day of _____ , 2026, at a regular meeting of the Tiffin City Council, Tiffin, Iowa, Councilperson ____ introduced **RESOLUTION NO. 2026-045 A Resolution Setting a Public Hearing on Ordinance Amending Chapter 35 – Fire Protection – Creating an EMS only Division of the Fire Department** and made a motion for approval. Motion seconded by Councilperson _____.

Ayes:
Nays:
Absent:

Whereupon ___ Council members were present and voted approval and Mayor Kasparek declared that the **RESOLUTION NO. 2026-045 A Resolution Setting a Public Hearing on Ordinance Amending Chapter 35 – Fire Protection – Creating an EMS only Division of the Fire Department** to be adopted and signified his approval of the same by affixing his signature thereto.

Passed by the City Council on the ___ day of September, 2026.

City of Tiffin

_____
Tim Kasparek, Mayor

ATTEST: _____
Abigail Hora, City Clerk

35.14 EMERGENCY MEDICAL SERVICE.

1. The department shall have an EMS division to provide emergency medical service to the public. The EMS division provides emergency medical service, at a minimum, at the Emergency Medical Technician level in accordance with Iowa law. ~~and is authorized to provide non-transport emergency medical services.~~ Transport emergency medical service will be provided by an ambulance service in accordance with Iowa Code Chapter 147A except as otherwise provided by Iowa law. ~~Johnson County Ambulance Service shall provide transport emergency medical services.~~ Nothing in this ordinance limits the department's ability to provide EMS through automatic or mutual aid.

2. All department members shall be certified as an Emergency Medical Technician within two (2) years of joining the Fire Department and shall maintain certification. Upon written request of the Fire Chief, the City Administrator, for good cause, may extend this certification deadline by one (1) year or as otherwise required by law.

3. In addition to firefighter positions, the department may employ full-time, part-time, paid-per-call or paid-on-call, and/or volunteer emergency medical providers to provide emergency medical services and other duties as assigned. EMS only positions will be designated by their certification level under Iowa law, such as EMT, EMT-Advanced, or Paramedic.

4. The Fire Chief may promulgate policies, guidelines, or procedures not inconsistent with federal, state, and local law to implement and operate the EMS only program.

5. ~~Department members shall be certified as an Emergency Medical Technician within two (2) years of joining the Fire Department. Upon written request of a member or the request of the Fire Chief and EMS Division Chief or Medical Officer, the City Administrator, for good cause, may extend this certification deadline by six (6) months.~~ The accidental injury, workers' compensation, and liability insurance provided for herein shall include the provision of EMS and cover all firefighters and/or emergency medical providers. ~~Department members shall be certified as an Emergency Medical Technician within two (2) years of joining the Fire Department. Upon written request of a member or the request of the Fire Chief and EMS Division Chief or Medical Officer, the City Administrator, for good cause, may extend this certification deadline by six (6) months.~~

35.14 EMERGENCY MEDICAL SERVICE.

1. The department shall have an EMS division to provide emergency medical service to the public. The EMS division provides emergency medical service, at a minimum, at the Emergency Medical Technician level in accordance with Iowa law. Transport emergency medical service will be provided by an ambulance service in accordance with Iowa Code Chapter 147A except as otherwise provided by Iowa law. Nothing in this ordinance limits the department's ability to provide EMS through automatic or mutual aid.

2. All department members shall be certified as an Emergency Medical Technician within two (2) years of joining the Fire Department and shall maintain certification. Upon written request of the Fire Chief, the City Administrator, for good cause, may extend this certification deadline by one (1) year or as otherwise required by law.

3. In addition to firefighter positions, the department may employ full-time, part-time, paid-per-call or paid-on-call, and/or volunteer emergency medical providers to provide emergency medical services and other duties as assigned. EMS only positions will be designated by their certification level under Iowa law, such as EMT, EMT-Advanced, or Paramedic.

4. The Fire Chief may promulgate policies, guidelines, or procedures not inconsistent with federal, state, and local law to implement and operate the EMS only program.

5. The accidental injury, workers' compensation, and liability insurance provided for herein shall include the provision of EMS and cover all firefighters and/or emergency medical providers.

TIFFIN, IA

Expense Approval Report

By Fund

Payable Dates 9/1/2026 - 9/1/2026

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
Fund: 001 - General Fund					
SKYLAR LIMKEMANN	0012364095698	09/01/2026	ISFSI CONFERENCE REMIBURSEMENT	001-151-6599	970.80
JOHNSON COUNTY TREASURER	09012026	09/01/2026	131 W 3RD ST PROPERTY TAXES	001-651-6413	3,338.00
JOHNSON COUNTY TREASURER	09012026A	09/01/2026	PARCEL 0622351007 PROPERTY TAXES	001-651-6413	4.00
JOHNSON COUNTY TREASURER	09012026B	09/01/2026	PARCEL 0622376023 PROPERTY TAXES	001-651-6413	14.00
HEIMAN FIRE EQUIPMENT	0958987-IN	09/01/2026	HYDRANT WRENCHES	001-150-6504	371.26
TREE GUYS	1069	09/01/2026	TREE REMOVAL - 241 W GOLDFINCH	001-430-6499	1,500.00
THE GAZETTE	12026.00007802	09/01/2026	PRINTING/PUBLISHING 8-5 MINUTES	001-640-6414	392.47
SYNCERE PRINTING, LLC	2026-08-002	09/01/2026	5K SHIRTS	001-499-6514	54.00
REVIZE LLC	24797	09/01/2026	WCAG SCAN	001-150-6419	60.00
REVIZE LLC	24797	09/01/2026	WCAG SCAN	001-170-6419	60.00
REVIZE LLC	24797	09/01/2026	WCAG SCAN	001-431-6419	60.00
REVIZE LLC	24797	09/01/2026	WCAG SCAN	001-620-6419	480.00
CEDAR VALLEY HUMANE SOCI...	2746	09/01/2026	STRAY CAT BOARDING	001-190-6413	130.00
IOWA ONE CALL	284711	09/01/2026	JULY DIGGING PROTECTION	001-199-6413	154.90
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	001-150-6371	735.77
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	001-199-6371	152.12
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	001-430-6371	2,700.29
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	001-650-6371	348.43
LENOCH & CILEK ACE - IOWA C...	379850/3	09/01/2026	PAPER TOWELS, TOILET PAPER	001-430-6507	143.34
DORSEY & WHITNEY LLP	4209446	09/01/2026	2023-2026 SRF WATER SYSTEM LEGAL FEES	001-520-6411	21,204.00
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-190-6599	15.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6332	51.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6350	34.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6504	78.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6507	17.67
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6507	20.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6507	21.33
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6507	18.02
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-430-6507	106.94
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	001-499-6514	110.47
NEXT GEN EQUIPMENT	61410C	09/01/2026	CAP, FUEL	001-430-6350	80.00
NEXT GEN EQUIPMENT	61456C	09/01/2026	ROA	001-430-6350	127.50
NEXT GEN EQUIPMENT	61470C	09/01/2026	PARTS	001-430-6332	817.18
IOWA INTERSTATE RAILROAD,...	735867	09/01/2026	MEHMEN AVE SIGNAL MAINTENANCE	001-210-6417	839.97
NATIONWIDE OFFICE CLEANE...	77250	09/01/2026	CITY HALL CLEANING	001-650-6409	405.29
BOUND TREE	86319460	09/01/2026	EMS SUPPLIES	001-160-6350	125.12
AGVANTAGE FS	94024666	09/01/2026	FUEL	001-150-6331	607.55
AGVANTAGE FS	94024666	09/01/2026	FUEL	001-170-6331	267.32
AGVANTAGE FS	94024666	09/01/2026	FUEL	001-430-6512	97.21
AGVANTAGE FS	94024667	09/01/2026	FUEL	001-150-6331	946.74
AGVANTAGE FS	94024667	09/01/2026	FUEL	001-170-6331	416.57
AGVANTAGE FS	94024667	09/01/2026	FUEL	001-430-6512	151.48
TASC CLIENT SERVICES	IN3811010	09/01/2026	ADMIN FEE	001-620-6419	81.36

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	001-150-6419	176.98
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	001-170-6419	176.98
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	001-460-6419	176.98
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	001-620-6419	1,415.88
RACOM CORPORATION	INV44481	09/01/2026	VEHICULAR CHARGERS	001-150-6350	709.82
RACOM CORPORATION	INV48639	09/01/2026	VEHICULAR CHARGERS	001-150-6350	1,431.00
CITY TRACTOR CO.	W37419	09/01/2026	STIHL BACKPACK BLOWER	001-430-6504	364.99
				Fund 001 - General Fund Total:	**42,766.68**
Fund: 110 - Road Use Tax					
NIPPON SANSO MATHESON I...	0033767471	09/01/2026	ACETYLENE, WELDING MIX, OXYGEN	110-210-6507	145.01
SPECTRUM PAINT	125003460	09/01/2026	PAINT	110-210-6417	1,993.20
REVIZE LLC	24797	09/01/2026	WCAG SCAN	110-210-6419	60.00
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	110-210-6371	1,073.92
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	110-230-6371	5,631.64
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	110-240-6371	211.41
LENOCH & CILEK ACE - IOWA C...	379850/3	09/01/2026	PAPER TOWELS, TOILET PAPER	110-210-6599	143.35
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6332	8.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6504	49.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6504	10.36
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6504	5.18
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6504	78.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6507	21.33
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6507	20.99
JOHN DEERE FINANCIAL	5384945	09/01/2026	TOOLS, SUPPLIES	110-210-6507	18.02
NEXT GEN EQUIPMENT	61470C	09/01/2026	PARTS	110-210-6332	817.18
NATIONWIDE OFFICE CLEANE...	77250	09/01/2026	PW CLEANING	110-210-6409	405.29
AGVANTAGE FS	94024666	09/01/2026	FUEL	110-210-6512	1,215.10
AGVANTAGE FS	94024667	09/01/2026	FUEL	110-210-6512	1,893.48
MENARDS	97553	09/01/2026	TOOLS	110-210-6504	26.46
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	110-210-6419	176.98
CITY TRACTOR CO.	W37419	09/01/2026	STIHL BACKPACK BLOWER	110-210-6504	365.00
				Fund 110 - Road Use Tax Total:	**14,371.87**
Fund: 112 - Employee Benefit					
PRINCIPAL LIFE INSURANCE	09012026	09/01/2026	LIFE INSURANCE	112-210-6150	62.15
PRINCIPAL LIFE INSURANCE	09012026	09/01/2026	LIFE INSURANCE	112-620-6150	62.15
				Fund 112 - Employee Benefit Total:	**124.30**
Fund: 307 - Park Road Paving					
MSA PROFESSIONAL SERVICES	031974	09/01/2026	N PARK RD PROJECT	307-210-6407	42,264.47
BOOMERANG CORP.	09012026	09/01/2026	N PARK RD WIDENING	307-210-6499	308,031.11
				Fund 307 - Park Road Paving Total:	**350,295.58**
Fund: 309 - US HWY 6 RECONSTRUCTION					
MSA PROFESSIONAL SERVICES	032286	09/01/2026	HWY 6 RECONSTRUCTION	309-210-6407	35,976.85
				Fund 309 - US HWY 6 RECONSTRUCTION Total:	**35,976.85**
Fund: 600 - Water					
PRINCIPAL LIFE INSURANCE	09012026	09/01/2026	LIFE INSURANCE	600-810-6150	62.15
MEDIACOM	09012026	09/01/2026	INTERNET FOR WWTP	600-810-6373	152.05
CHEM-SULT INC	16648	09/01/2026	CHEMICALS	600-810-6501	669.50
REVIZE LLC	24797	09/01/2026	WCAG SCAN	600-810-6419	240.00
CARGILL INC	2912806460	09/01/2026	SALT FOR WATER PLANT	600-810-6501	6,147.72
MASTER METER SYSTEMS INC	297746	09/01/2026	REPEATER INSTALL	600-810-6345	5,408.88
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	600-810-6371	26,589.33
CRYSTAL CLEAR WATER CO	582739	09/01/2026	WATER & SEWER TESTING SUPPLIES	600-810-6511	62.94
AGVANTAGE FS	94024666	09/01/2026	FUEL	600-810-6512	121.51

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
AGVANTAGE FS	94024667	09/01/2026	FUEL	600-810-6512	189.35
GPM ENVIRONMENTAL SOLUT...	E-9953	09/01/2026	SERVICE CALL	600-810-6490	564.00
USA BLUE BOOK	INV01135927	09/01/2026	WATER/SEWER TESTING SUPPLIES	600-810-6507	289.19
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	600-810-6419	707.93
				Fund 600 - Water Total:	**41,204.55**
Fund: 608 - WATER TREATMENT PLANT					
MSA PROFESSIONAL SERVICES	032356	09/01/2026	WATER TREATMENT PLANT	608-810-6407	41,245.74
TRICON CONSTRUCTION GRO...	PAY APPLICATION 12	09/01/2026	WATER TREATMENT PLANT	608-810-6499	1,749,583.52
				Fund 608 - WATER TREATMENT PLANT Total:	**1,790,829.26**
Fund: 610 - Sewer					
PRINCIPAL LIFE INSURANCE	09012026	09/01/2026	LIFE INSURANCE	610-815-6150	62.15
MEDIACOM	09012026	09/01/2026	INTERNET FOR WWTP	610-815-6371	152.06
REVIZE LLC	24797	09/01/2026	WCAG SCAN	610-815-6419	240.00
ALLIANT ENERGY	31399-O-1527	09/01/2026	ELEC. - STREET LIGHTS, TRAFFIC SIGNALS, SIRENS	610-815-6371	12,844.23
CRYSTAL CLEAR WATER CO	582739	09/01/2026	WATER & SEWER TESTING SUPPLIES	610-815-6511	62.94
AGVANTAGE FS	94024666	09/01/2026	FUEL	610-815-6512	121.51
AGVANTAGE FS	94024667	09/01/2026	FUEL	610-815-6512	189.35
USA BLUE BOOK	INV01135927	09/01/2026	WATER/SEWER TESTING SUPPLIES	610-815-6507	289.19
ACCESS SYSTEMS	INV2039235	09/01/2026	TECHNOLOGY SERVICES	610-815-6419	707.93
ASCENDANCE TRUCK EASTERN...	RA351006350 01	09/01/2026	2009 INTERNATIONAL REPAIRS	610-815-6332	1,910.95
AEROMOD INC	SO51000 -1	09/01/2026	EL-O-MATIC PNEUMATIC ACTUATORS	610-815-6519	2,496.74
				Fund 610 - Sewer Total:	**19,077.05**
Fund: 670 - Recycling/Garbage					
JOHNSON COUNTY REFUSE INC	IC206066	09/01/2026	GARBAGE/RECYCLING JULY 15 - AUG 15	670-840-6499	11,990.00
JOHNSON COUNTY REFUSE INC	IC206066	09/01/2026	GARBAGE/RECYCLING JULY 15 - AUG 15	670-841-6499	4,289.50
JOHNSON COUNTY REFUSE INC	IC206066	09/01/2026	GARBAGE/RECYCLING JULY 15 - AUG 15	670-841-6499	27,769.50
				Fund 670 - Recycling/Garbage Total:	**44,049.00**
				Grand Total:	**2,338,695.14**

Report Summary

Fund Summary

Fund	Payment Amount
001 - General Fund	42,766.68
110 - Road Use Tax	14,371.87
112 - Employee Benefit	124.30
307 - Park Road Paving	350,295.58
309 - US HWY 6 RECONSTRUCTION	35,976.85
600 - Water	41,204.55
608 - WATER TREATMENT PLANT	1,790,829.26
610 - Sewer	19,077.05
670 - Recycling/Garbage	44,049.00
Grand Total:	**2,338,695.14**

Account Summary

Account Number	Account Name	Payment Amount
001-150-6331	FUEL - FIRE	1,554.29
001-150-6350	OPERATIONAL EQUIPM...	2,140.82
001-150-6371	UTILITIES- FIRE	735.77
001-150-6419	TECHNOLOGY SERVICES-...	236.98
001-150-6504	MINOR EQUIPMENT - FI...	371.26
001-151-6599	OTHER TRAINING REIM...	970.80
001-160-6350	SUPPLIES - EMS	125.12
001-170-6331	FUEL - BUILDING	683.89
001-170-6419	TECHNOLOGY SERVICES-...	236.98
001-190-6413	ANIMAL CONTROL-CON...	130.00
001-190-6599	ANIMAL CONTROL-OTH...	15.99
001-199-6371	UTILITIES-WARNING SIR...	152.12
001-199-6413	DIGGING PROTECTION ...	154.90
001-210-6417	RAILROAD CROSSING MA..	839.97
001-430-6332	VEHICLE REPAIRS - PARKS	869.17
001-430-6350	OPER EQUIP REPAIR - PA...	242.49
001-430-6371	UTILITIES-PARKS	2,700.29
001-430-6499	OTHER CONTRACTUAL S...	1,500.00
001-430-6504	MINOR EQUIPMENT - P...	443.98
001-430-6507	OPERATING SUPPLIES - ...	328.29
001-430-6512	VEHICLE/EQUIPMENT F...	248.69
001-431-6419	TECHNOLOGY SERVICES-...	60.00
001-460-6419	TECHNOLOGY SERVICES -..	176.98
001-499-6514	TIFFIN REC FEST	164.47
001-520-6411	LEGAL - DORSEY	21,204.00
001-620-6419	TECHNOLOGY SERVICES	1,977.24
001-640-6414	PRINTING/PUBLISHING	392.47
001-650-6371	UTILITIES-CITY HALL	348.43
001-650-6409	CITY HALL CLEANING	405.29
001-651-6413	PAYMENTS OTHER AGE...	3,356.00
110-210-6332	VEHICLE REPAIRS - RUT ...	826.17
110-210-6371	UTILITIES - RUT STREETS	1,073.92
110-210-6409	PUBLIC WORKS CLEANI...	405.29
110-210-6417	STREET MAINTENANCE -...	1,993.20
110-210-6419	TECHNOLOGY SERVICES-...	236.98
110-210-6504	MINOR EQUIPMENT - R...	535.98
110-210-6507	OPERATING SUPPLIES -R...	205.35
110-210-6512	VEHICLE/EQUIPMENT F...	3,108.58
110-210-6599	OTHER SUPPLIES-RUT ST...	143.35
110-230-6371	STREET LIGHTS - UTILITY	5,631.64
110-240-6371	TRAFFIC SIGNALS - UTILIT..	211.41
112-210-6150	GROUP INSURANCE - ST...	62.15
112-620-6150	GROUP INSURANCE - CL...	62.15
307-210-6407	ENGINEERING- NORTH P...	42,264.47

Account Summary

Account Number	Account Name	Payment Amount
307-210-6499	CONTRACTUAL - NORTH…	308,031.11
309-210-6407	ENGINEERING - US HWY …	35,976.85
600-810-6150	GROUP INSURANCE - W…	62.15
600-810-6345	WATER METERS	5,408.88
600-810-6371	UTILITIES - WATER	26,589.33
600-810-6373	TELEPHONE/COMM-WA…	152.05
600-810-6419	TECHNOLOGY SERVICES	947.93
600-810-6490	OTHER PROFESSIONAL S…	564.00
600-810-6501	CHEMICALS	6,817.22
600-810-6507	OPERATING SUPPLIES	289.19
600-810-6511	WATER TESTING SUPPLI…	62.94
600-810-6512	VEHICLE/EQUIPMENT F…	310.86
608-810-6407	ENGINEERING - WATER …	41,245.74
608-810-6499	CONTRACTUAL - WATER…	1,749,583.52
610-815-6150	GROUP INSURANCE - S…	62.15
610-815-6332	VEHICLE REPAIRS - SEW…	1,910.95
610-815-6371	UTILITIES - SEWER	12,996.29
610-815-6419	TECHNOLOGY SERVICES	947.93
610-815-6507	OPERATING SUPPLIES	289.19
610-815-6511	SEWER TESTING SUPPLIES	62.94
610-815-6512	VEHICLE/EQUIPMENT F…	310.86
610-815-6519	OPERATING EQUIPMENT	2,496.74
670-840-6499	RECYCLING CONTRACT	11,990.00
670-841-6499	GARBAGE CONTRACT	32,059.00
	Grand Total:	**2,338,695.14**

Project Account Summary

Project Account Key	Payment Amount
None	2,338,695.14
Grand Total:	**2,338,695.14**

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Discussion and Consideration to Approve a Professional Service Agreement with the Iowa DOT for the Highway 6 Improvements Project
ACTION:	Motion

Background

The Iowa Department of Transportation and the City of Tiffin have been working jointly on improvements to U.S. 6 through Tiffin. The City and Iowa DOT previously entered into Agreement No. 2025-P-001 for predesign, which was executed by the City on March 7, 2025, and by the Iowa DOT on March 17, 2025. The proposed Preconstruction Agreement establishes the current project concept and identifies the responsibilities and cost-sharing obligations of both parties.

In addition to the primary highway improvements, the City has requested that the project incorporate several improvements within Tiffin, including:

- New storm sewer and associated appurtenances;
- New water main and associated appurtenances;
- Sidewalk improvements;
- Traffic signals at the intersection of U.S. 6 and Kimberlite Street;
- Widening of U.S. 6 pavement; and
- Extension of an existing box culvert.

These City-requested improvements will be incorporated into the Iowa DOT project and constructed as part of the overall project. The agreement provides that these requested improvements will be at no cost to the Iowa DOT beyond the City's identified cost-share responsibilities.

Under the agreement, the City will have several responsibilities associated with the project. The City will assist the Iowa DOT with inspection of the new water main and associated appurtenances. The City will also assume ownership and future maintenance responsibilities for the new water mains, traffic signals within the City's corporate boundaries, PCC sidewalks located outside Iowa DOT right-of-way, and the reconstructed portions of Main Street, Summerhays Street, Stephans Street, Croell Avenue, and Kimberlite Street.

The City will also be responsible for relocating City-owned utilities when necessary for construction and for providing certain City-owned property or right-of-way required for the project. The agreement specifically provides temporary access to City-owned property near the Park Road roundabout for construction of the new water main.

The City's estimated share of $3,920,988.98 is comprised primarily of improvements that are the City's responsibility, along with the City's six-percent share of applicable storm sewer costs. Exhibit B identifies the project costs by division, with Division 1 funded 100% by the Iowa

DOT, Division 2 funded 100% by the City of Tiffin, and Division 3 stormwater items split 94% Iowa DOT / 6% City.

The agreement does not establish the City's final cost at $3,920,988.98. This is an estimate. The City's actual reimbursement will be based on the quantities actually constructed, the accepted bid prices at the time of letting, and any additional work determined to be the City's responsibility.

The Iowa DOT will bill the City approximately twice per year, with the first reimbursement anticipated around July 1, 2027. Final billing will occur following completion of construction and verification of the City's total project share.

Recommendation
Staff requests that the City Council approve Iowa DOT Preconstruction Agreement No. 2026-4-131 for the U.S. 6 improvements in Tiffin and authorize the Mayor to execute the agreement on behalf of the City.

ATTACHMENTS: Agreement

IOWA DEPARTMENT OF TRANSPORTATION
Preconstruction Agreement
For Primary Road Project

County	Johnson
City	Tiffin
Project Nos.	STP-006-7(098)--2C-52 PCC Pavement - Grade & Replace STPN-006-7(101)--2J-52 PCC Sidewalk/Trail BRF-006-7(102)--38-52 RCB Culvert Replacement - Twin Box
Iowa DOT Agreement No.	2026-4-131
Staff Action No.	

This Agreement, is entered into by and between the Iowa Department of Transportation, hereinafter designated "DOT", and the city of Tiffin, Iowa, a Local Public Agency, hereinafter designated "LPA", in accordance with Iowa Code Chapters 28E.12, 306, 306A and 313.4 as applicable;

The DOT proposes to establish or make improvements to U.S. 6 within Johnson County, Iowa; and

The DOT and the LPA are willing to jointly participate in said project, in the manner hereafter provided; and

The DOT and the LPA previously entered into the following agreement for the above referenced projects: Agreement No. 2025-P-001 for Predesign was executed by the LPA and DOT on March 7, 2025 and March 17, 2025 respectively; and

This Agreement reflects the current concept of this project which is subject to modification by mutual agreement between the LPA and the DOT; and

Therefore, it is agreed as follows:

1. Project Information

a. The LPA shall design; and the DOT shall acquire right of way, let, inspect construction, and perform contract administration for the following described projects in accordance with the project plans and DOT Standard Specifications:

STP-006-7(098)--2C-52: Portland cement concrete (PCC) pavement, grade and replace, on U.S. 6 in Tiffin from Grant Street to Park Road.

STPN-006-7(101)--2J-52: PCC sidewalk/trail along U.S. 6 in Tiffin from Roberts Ferry Road to Park Road.

BRF-006-7(102)--38-52: Reinforced concrete box (RCB) culvert replacement, twin box, on U.S. 6 in Tiffin located 0.2 miles east of Kimberlite Street.

See Exhibit A for project location.

b. As part of the project, the LPA has requested construction of new storm sewers, water main and associated appurtenances, sidewalk, traffic signals at the intersection of U.S. 6 and Kimberlite Street, widening of the U.S. 6 pavement, and the extension of one existing box culvert within the city of Tiffin

all which shall be at no cost to the DOT. See Exhibit B for estimated costs.

c. The LPA agrees to assist the DOT with inspection of construction of the new water main and associated appurtenances.

d. In accordance with 761 Iowa Administrative Code Chapter 150.3(1)e, the LPA shall reimburse the DOT for its share (6%) of the actual cost for longitudinal and outlet storm sewer as shown on Exhibit B.

e. All storm sewers constructed by the DOT as part of the project shall become the property of the LPA, which shall be responsible for their maintenance and operations. The LPA shall not make any connections to said storm sewers without the prior written approval of the DOT. The LPA shall prevent use of such storm sewers as a sanitary sewer.

f. Upon completion of construction, the LPA agrees to retain ownership and jurisdiction of the following referenced improvements as identified below. The LPA shall also assume responsibility for all future maintenance operations associated therewith, all at no additional expense or obligation to the DOT:

i. Main Street shall be reconstructed from its intersection with U.S. 6 to 50 feet south of U.S. 6. A 24-foot wide PCC pavement with curb and gutter will be constructed.

ii. Summerhays Street shall be reconstructed from its intersection with U.S. 6 to 50 feet south of U.S. 6. A 24-foot wide PCC pavement with curb and gutter will be constructed.

iii. Stephans Street shall be reconstructed from its intersection with U.S. 6 to 50 feet south of U.S. 6, and from its intersection with U.S. 6 to 50 feet north of U.S. 6. A 24-foot wide PCC pavement with curb and gutter will be constructed.

iv. Croell Avenue shall be reconstructed from its intersection with U.S. 6 to 55 feet south of U.S. 6, and from its intersection with U.S. 6 to 50 feet north of U.S. 6. A 24-foot wide PCC pavement with curb and gutter will be constructed.

v. Kimberlite Street shall be reconstructed from its intersection with U.S. 6 to 55 feet south of U.S. 6, and from its intersection with U.S. 6 to 50 feet north of U.S. 6. A 24-foot wide PCC pavement with curb and gutter will be constructed.

vi. All water mains and associated appurtenances.

vii. Traffic signals at the intersection of U.S. 6 and Kimberlite Street.

viii. PCC sidewalks located outside of DOT right of way.

2. Project Costs

a. The LPA shall reimburse the DOT for its share of the project costs estimated at $3,920,988.98, as shown in Exhibit B. LPA reimbursements to the DOT shall occur approximately biannually, with the first reimbursement occurring around July 1, 2027. The amount paid by the LPA, based upon the accumulated construction completed and paid by the end of each biannual period, and billing by the DOT, shall be determined by the actual quantities in place, the accepted bid at the contract letting, and any extra work that is determined to be an LPA cost share. The final billing to the LPA will occur upon the completion of all construction and verification of the LPA's total share of the project costs, as determined by audit, less the previously reimbursed LPA costs.

b. The DOT shall bear all costs except those allocated to the LPA under other terms of this Agreement.

3. Traffic Control

a. The DOT shall temporarily close the highway project area by formal action in accordance with Iowa Code section 306.41. U.S. 6 through-traffic shall be detoured off the project by utilizing Roberts Ferry Road, Oakdale Boulevard, and Park Road. The LPA shall authorize the DOT to erect and maintain signs within its jurisdiction, consistent with Part 6 of the "Manual on Uniform Traffic Control Devices", as necessary, to direct traffic to and along said detour route during the construction period. The DOT shall also remove said signs when the detour is discontinued. Details shall be shown on the traffic control sheet(s) within the project plans. No separate detour agreement will be negotiated with the LPA, and the LPA will not be reimbursed for the use of LPA side roads as the detour route.

b. It may be necessary to temporarily close LPA side road(s) Grant Street, Main Street, Summerhays Street, Stephans Street, Croell Avenue, and Kimberlite Street during construction. The DOT shall furnish and install the required barricades and signing for the closure(s) at project cost, and shall remove same upon completion of the project. The DOT shall work in close cooperation with the LPA and the contractor to accommodate emergency services and local access across the project during construction. Any detours, which may be necessary for project related LPA road closures, shall be the responsibility of the LPA, at no expense or obligation to the DOT.

4. Right of Way and Permits

a. Subject to the provisions hereof, the LPA, in accordance with 761 Iowa Administrative Code Chapter 150.3(1)c and 150.4(2), shall remove or cause to be removed (within the corporate limits) all encroachments or obstructions located in the existing primary highway right of way. The LPA shall also prevent the erection and/or placement of any structure or obstruction within said right of way, or any additional right of way which is acquired for this project, including, but not limited to, private signs, buildings, pumps, and parking areas.

b. The DOT shall be responsible for the coordination of utility facility adjustments for the primary road project.

c. The LPA agrees to relocate all city-owned utilities necessary for construction, which are located within the existing street or alley right of way, subject to the approval of and without expense to the DOT in accordance with 761 Iowa Administrative Code Chapter 150.4(5) and the DOT Utility Accommodation Policy.

d. With the exception of service connections, no new or future utility occupancy of project right of way, nor any future relocations of or alterations to existing utilities within said right of way, shall be permitted or undertaken by the LPA without the prior written approval of the DOT. All work shall be performed in accordance with the DOT Utility Accommodation Policy and other applicable requirements of the DOT.

e. The LPA shall be responsible for providing, without cost to the DOT, any right of way for the project which involves dedicated streets or alleys, and any other LPA-owned lands which are required for the project, subject to the condition that the DOT shall reimburse the LPA for the value of LPA-owned improvements situated on such LPA-owned lands. The LPA has apprised itself of the value of these lands, and as a condition of their participation in the project, the LPA voluntarily agrees to make such lands available without further compensation. The DOT shall be responsible for acquisition of all other right of way.

f. In connection with this project, any real estate and rights to real estate necessary for right of way at the connection of any public road and the primary highway project, any access road or frontage road, or any permanent utility easements, which are or which shall be under the jurisdiction of the LPA, may be acquired by the DOT, for and in the name of the LPA. Where acquired by contract, the LPA shall receive title from the contract seller and the LPA shall accept title thereto. Where acquired by condemnation, a single joint condemnation proceeding shall be instituted by the DOT to acquire real

estate or rights in real estate, needed by the LPA for the LPA, and to acquire real estate or rights in real estate, needed by the DOT for the DOT.

g. The LPA owns a parcel of land near the Park Road roundabout where a new water main is planned to be constructed. The LPA agrees to provide the DOT with temporary access to this parcel, at no cost (mutual benefit), to perform the work necessary to construct the new water main and associated appurtenances. See Exhibit C for details of the planned work to occur on LPA-owned property.

5. Construction and Maintenance

a. Upon completion of the project, no changes in the physical features thereof shall be undertaken or permitted without the prior written approval and consent of the DOT.

b. Future maintenance of the primary highway within the project area shall be carried out in accordance with the terms and conditions contained in 761 Iowa Administrative Code Chapter 150.

c. New traffic signal construction for this project shall be provided under guidelines established in 761 Iowa Administrative Code Chapter 150. If constructed, the LPA shall accept ownership of, and responsibility for future energy and maintenance costs of, those traffic signal units which lie within the corporate boundaries.

6. General Provisions

a. If the LPA has completed a Flood Insurance Study (FIS) for an area which is affected by the proposed Primary Highway project, and the FIS is modified, amended, or revised in an area affected by the project after the date of this Agreement, the LPA shall provide notice of the modification, amendment, or revision to the DOT within 14 calendar days of the LPA's receipt of a subsequent FIS or modification. If the LPA does not have a detailed FIS for an area which is affected by the proposed Primary Highway project, and the LPA does adopt an FIS in an area affected by the project after the date of this Agreement, the LPA shall provide notice of the FIS to the DOT within 14 calendar days. The LPA agrees to defend, indemnify, and hold harmless the DOT from any and all claims, costs, and damages arising from, or related to, the LPA's failure to timely provide an FIS, and/or FIS modification, to the DOT in accordance with this provision.

b. The LPA shall comply with all provisions of the equal employment opportunity requirements prohibiting discrimination and requiring affirmative action to assure equal employment opportunity as required by Title VI of the Civil Rights Act of 1964 and Iowa Code Chapter 216. No person shall, on the grounds of age, race, creed, color, sex, sexual orientation, national origin, religion, pregnancy, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which State funds are used.

c. It is the intent of both (all) parties that no third-party beneficiaries be created by this Agreement.

d. If any section, provision, or part of this Agreement is found to be invalid or unconstitutional, such finding shall not affect the validity of the Agreement as a whole, or any section, provision, or part thereof not found to be invalid or unconstitutional, except to the extent that the original intent of the Agreement cannot be fulfilled.

e. This Agreement, as well as the unaffected provisions of any previous agreement(s), addendum(s), and/or amendment(s), represents the entire Agreement between the LPA and DOT regarding this project. All previously executed agreements shall remain in effect except as amended herein. Any subsequent change or modification to the terms of this Agreement shall be in the form of a duly executed amendment to this document.

IN WITNESS WHEREOF, each of the parties hereto has executed Agreement No. 2026-4-131 as of the date shown opposite its signature below.

CITY OF TIFFIN:

By: _____ Date_____, 20___.
Title: Mayor

I,_____, certify that I am the Clerk of the City, and that

_____, who signed said Agreement for and on behalf of the

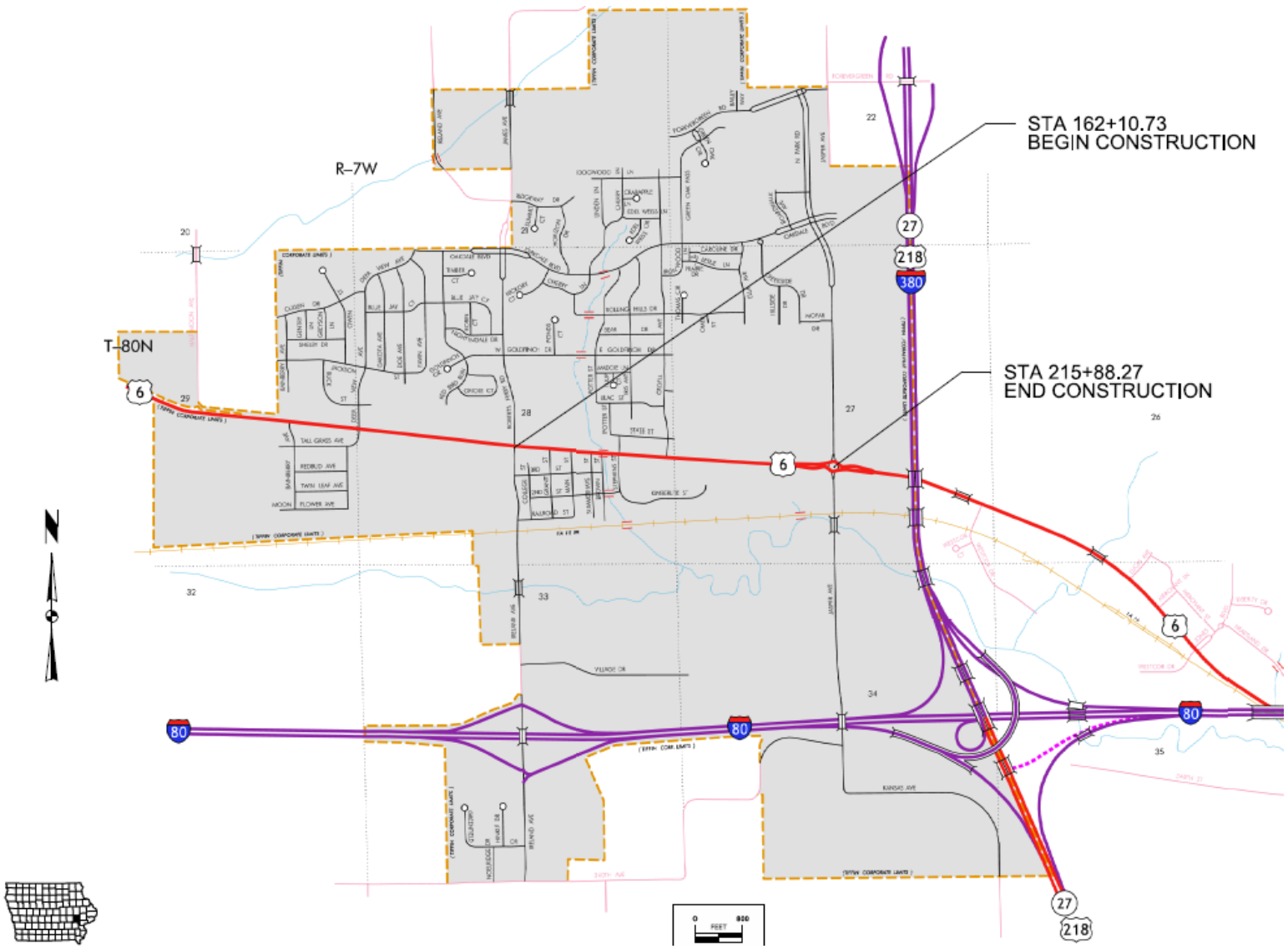
City was duly authorized to execute the same on the ____ day of_____, 20___.

Signed: _____
City Clerk of Tiffin, Iowa

IOWA DEPARTMENT OF TRANSPORTATION:

By:_____ Date_____, 20___.
Jesse Tibodeau, P.E.
District Engineer
District 6

Exhibit A: Project Location



Ref: Project# STP-006-7(098)--2C-52

Exhibit B: Cost Estimate

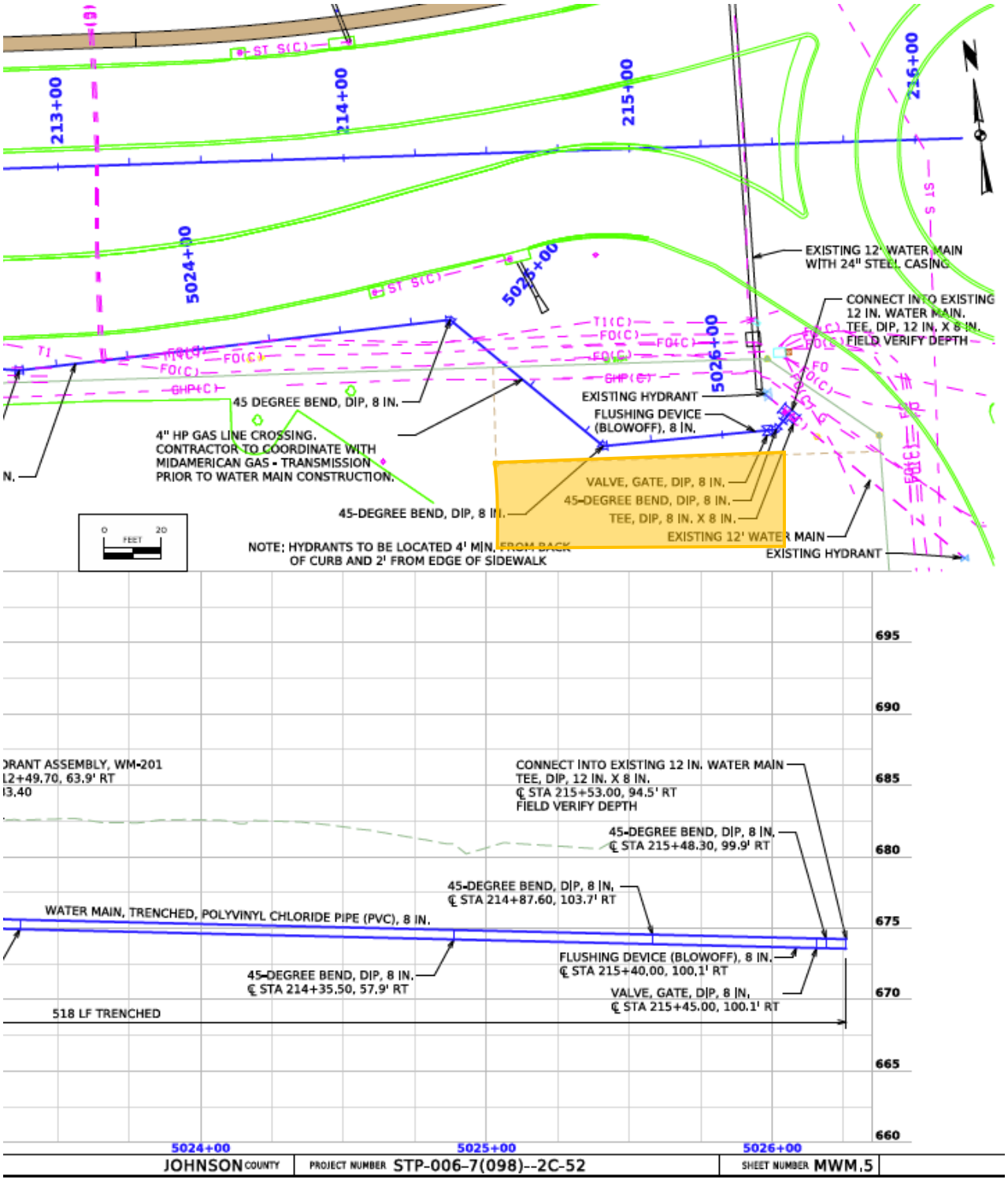
#	Item Code	Item Description	Unit	Unit Price	Quantity	Total Cost	Division 1 - 100% Iowa DOT		Division 2 - 100% City of Tiffin		Division 3 - Stormwater Items (94% DOT, 6% City)	
							Quantity	Cost	Quantity	Cost	Quantity	Cost
1	2101-0850001	CLEARING AND GRUBBING	ACRE	27,000.00	0.11	$2,970.00	0.01	$270.00	0.10	$2,700.00	0.00	$0.00
2	2101-0850002	CLEARING AND GRUBBING	UNIT	100.00	1.6	$160.00	0.00	$0.00	1.60	$160.00	0.00	$0.00
3	2102-0425071	SPECIAL BACKFILL	CY	70.00	476	$33,320.00	4.00	$280.00	472.00	$33,040.00	0.00	$0.00
4	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	CY	22.00	11604	$255,288.00	6962.00	$153,164.00	4642.00	$102,124.00	0.00	$0.00
5	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	12.00	5211	$62,532.00	521.00	$6,252.00	4690.00	$56,280.00	0.00	$0.00
6	2104-2710020	EXCAVATION, CLASS 10, CHANNEL	CY	13.00	326	$4,238.00	0.00	$0.00	326.00	$4,238.00	0.00	$0.00
7	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	9.00	6755	$60,795.00	1646.00	$14,814.00	5109.00	$45,981.00	0.00	$0.00
8	2107-0425020	COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES	CY	23.00	94.00	$2,162.00	44.00	$1,012.00	50.00	$1,150.00	0.00	$0.00
9	2115-0100000	MODIFIED SUBBASE	CY	58.00	4,502.00	$261,116.00	2551.00	$147,958.00	1951.00	$113,158.00	0.00	$0.00
10	2123-7450020	SHOULDER FINISHING, EARTH	STA	190.00	79.32	$15,070.80	55.87	$10,615.30	23.45	$4,455.50	0.00	$0.00
11	2301-1033100	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 10 IN.	SY	80.00	24270	$1,941,600.00	13719.00	$1,097,520.00	10551.00	$844,080.00	0.00	$0.00
12	2301-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	EA	1.00	28396	$28,396.00	16051.00	$16,051.00	12345.00	$12,345.00	0.00	$0.00
13	2304-0101000	TEMPORARY PAVEMENT	SY	175.00	24.4	$4,270.00	24.40	$4,270.00	0.00	$0.00	0.00	$0.00
14	2315-8275030	SURFACING, DRIVEWAY, CLASS C GRAVEL	TON	46.00	24.5	$1,127.00	24.50	$1,127.00	0.00	$0.00	0.00	$0.00
15	2317-7000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	EA	1.00	18202	$18,202.00	10289.00	$10,289.00	7913.00	$7,913.00	0.00	$0.00
16	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	25,000.00	1	$25,000.00	0.00	$0.00	1.00	$25,000.00	0.00	$0.00
17	2401-6750001	REMOVALS, AS PER PLAN	LS	15,000.00	1	$15,000.00	0.00	$0.00	1.00	$15,000.00	0.00	$0.00
18	2402-0425040	FLOODED BACKFILL	CY	63.00	251	$15,813.00	131.40	$8,278.20	119.60	$7,534.80	0.00	$0.00
19	2402-2720000	EXCAVATION, CLASS 20	CY	25.00	527	$13,175.00	0.00	$0.00	527.00	$13,175.00	0.00	$0.00
20	2402-3825025	GRANULAR MATERIAL FOR BLANKET	CY	89.00	90	$8,010.00	0.00	$0.00	90.00	$8,010.00	0.00	$0.00
21	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	900.00	162.8	$146,520.00	0.00	$0.00	162.80	$146,520.00	0.00	$0.00
22	2404-7775000	REINFORCING STEEL	LB	1.80	22435	$40,383.00	0.00	$0.00	22435.00	$40,383.00	0.00	$0.00
23	2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING	LF	230.00	152.4	$35,052.00	0.00	$0.00	152.40	$35,052.00	0.00	$0.00
24	2416-0100015	APRONS, CONCRETE, 15 IN. DIA.	EA	1,550.00	3	$4,650.00	0.00	$0.00	0.00	$0.00	3.00	$4,650.00
25	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.	EA	1,550.00	4	$6,200.00	0.00	$0.00	0.00	$0.00	4.00	$6,200.00
26	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.	EA	2,300.00	5	$11,500.00	0.00	$0.00	0.00	$0.00	5.00	$11,500.00
27	2416-1160015	CULVERT, CONCRETE ENTRANCE PIPE, 15 IN. DIA.	LF	95.00	92	$8,740.00	0.00	$0.00	0.00	$0.00	92.00	$8,740.00
28	2416-1160018	CULVERT, CONCRETE ENTRANCE PIPE, 18 IN. DIA.	LF	80.00	137	$10,960.00	0.00	$0.00	0.00	$0.00	137.00	$10,960.00
29	2418-0000010	TEMPORARY STREAM DIVERSION	EA	30,000.00	3	$90,000.00	1.00	$30,000.00	2.00	$60,000.00	0.00	$0.00
30	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN.	EA	8,200.00	1	$8,200.00	0.00	$0.00	0.00	$0.00	1.00	$8,200.00
31	2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 IN.	EA	12,400.00	1	$12,400.00	0.00	$0.00	0.00	$0.00	1.00	$12,400.00
32	2435-0250100	INTAKE, SW-501	EA	5,100.00	1	$5,100.00	0.00	$0.00	0.00	$0.00	1.00	$5,100.00
33	2435-0250248	INTAKE, SW-502, 48 IN.	EA	5,900.00	1	$5,900.00	0.00	$0.00	0.00	$0.00	1.00	$5,900.00
34	2435-0250260	INTAKE, SW-502, 60 IN.	EA	8,000.00	3	$24,000.00	0.00	$0.00	0.00	$0.00	3.00	$24,000.00
35	2435-0250700	INTAKE, SW-507	EA	8,000.00	19	$152,000.00	0.00	$0.00	0.00	$0.00	19.00	$152,000.00
36	2435-0250900	INTAKE, SW-509	EA	8,500.00	6	$51,000.00	0.00	$0.00	0.00	$0.00	6.00	$51,000.00
37	2435-0251300	INTAKE, SW-513	EA	6,000.00	5	$30,000.00	0.00	$0.00	0.00	$0.00	5.00	$30,000.00
38	2435-0254500	INTAKE, SW-545	EA	9,500.00	3	$28,500.00	0.00	$0.00	0.00	$0.00	3.00	$28,500.00
39	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EA	2,100.00	1	$2,100.00	1.00	$2,100.00	0.00	$0.00	0.00	$0.00
40	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EA	3,800.00	1	$3,800.00	1.00	$3,800.00	0.00	$0.00	0.00	$0.00
41	2435-0700020	CONNECTION TO EXISTING INTAKE	EA	1,600.00	1	$1,600.00	0.00	$0.00	1.00	$1,600.00	0.00	$0.00
42	2502-6745952	REMOVAL OF SUBDRAIN	LF	7.00	3311	$23,177.00	3311.00	$23,177.00	0.00	$0.00	0.00	$0.00
43	2502-8212036	SUBDRAIN, LONGITUDINAL, (SHOULDER) 6 IN. DIA.	LF	17.00	8028	$136,476.00	8028.00	$136,476.00	0.00	$0.00	0.00	$0.00
44	2502-8221303	SUBDRAIN OUTLET, DR-303	EA	340.00	64	$21,760.00	64.00	$21,760.00	0.00	$0.00	0.00	$0.00
45	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 15 IN.	LF	103.00	1271	$130,913.00	0.00	$0.00	0.00	$0.00	1271.00	$130,913.00
46	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 18 IN.	LF	102.00	1296	$132,192.00	0.00	$0.00	0.00	$0.00	1296.00	$132,192.00
47	2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 2000D (CLASS III), 24 IN.	LF	124.00	1625	$201,500.00	0.00	$0.00	0.00	$0.00	1625.00	$201,500.00
48	2503-0114415	STORM SEWER GRAVITY MAIN, TRENCHED, REINFORCED CONCRETE PIPE (RCP), 3000D (CLASS IV), 15 IN.	LF	90.00	111	$9,990.00	0.00	$0.00	0.00	$0.00	111.00	$9,990.00
49	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	LF	27.00	944	$25,488.00	0.00	$0.00	0.00	$0.00	944.00	$25,488.00
50	2505-4008120	REMOVAL OF STEEL BEAM GUARDRAIL	LF	14.00	446	$6,244.00	446.00	$6,244.00	0.00	$0.00	0.00	$0.00
51	2506-4984000	FLOWABLE MORTAR	CY	310.00	40	$12,400.00	0.00	$0.00	0.00	$0.00	40.00	$12,400.00
52	2507-3250005	ENGINEERING FABRIC	SY	4.20	491	$2,062.20	0.00	$0.00	491.00	$2,062.20	0.00	$0.00
53	2507-6800061	REVETMENT, CLASS E	TON	52.00	485	$25,220.00	0.00	$0.00	485.00	$25,220.00	0.00	$0.00
54	2510-6745850	REMOVAL OF PAVEMENT	SY	12.00	20588	$247,056.00	12663.00	$151,956.00	7925.00	$95,100.00	0.00	$0.00
55	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSES	EA	1,100.00	10	$11,000.00	10.00	$11,000.00	0.00	$0.00	0.00	$0.00
56	2511-6745900	REMOVAL OF SIDEWALK	SY	14.00	505	$7,070.00	0.00	$0.00	505.00	$7,070.00	0.00	$0.00
57	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	70.00	4028	$281,960.00	0.00	$0.00	4028.00	$281,960.00	0.00	$0.00
58	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN.	SY	100.00	216	$21,600.00	0.00	$0.00	216.00	$21,600.00	0.00	$0.00
59	2511-7528101	DETECTABLE WARNINGS	SF	54.00	339	$18,306.00	0.00	$0.00	339.00	$18,306.00	0.00	$0.00
60	2512-1725356	CURB AND GUTTER, P.C. CONCRETE, 3.5 FT.	LF	61.00	19	$1,159.00	19.00	$1,159.00	0.00	$0.00	0.00	$0.00
61	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	78.00	95.9	$7,480.20	95.90	$7,480.20	0.00	$0.00	0.00	$0.00
62	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	16.00	8.7	$139.20	8.70	$139.20	0.00	$0.00	0.00	$0.00
63	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	1,100.00	18	$19,800.00	0.00	$0.00	18.00	$19,800.00	0.00	$0.00
64	2520-3350015	FIELD OFFICE	EA	24,000.00	1	$24,000.00	1.00	$24,000.00	0.00	$0.00	0.00	$0.00
65	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN	EA	275.00	21	$5,775.00	21.00	$5,775.00	0.00	$0.00	0.00	$0.00
66	2524-6765016	REMOVE AND REINSTALL REFERENCE LOCATION SIGN	EA	250.00	1	$250.00	1.00	$250.00	0.00	$0.00	0.00	$0.00
67	2524-6765210	REMOVAL OF TYPE A SIGN ASSEMBLY	EA	150.00	13	$1,950.00	13.00	$1,950.00	0.00	$0.00	0.00	$0.00
68	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS	LF	20.00	104	$2,080.00	104.00	$2,080.00	0.00	$0.00	0.00	$0.00
69	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	EA	120.00	12	$1,440.00	12.00	$1,440.00	0.00	$0.00	0.00	$0.00

#	Item Code	Item Description	Unit	Unit Price	Quantity	Total Cost	Division 1 - 100% Iowa DOT Quantity	Division 1 - 100% Iowa DOT Cost	Division 2 - 100% City of Tiffin Quantity	Division 2 - 100% City of Tiffin Cost	Division 3 - Stormwater Items (94% DOT, 6% City) Quantity	Division 3 - Stormwater Items (94% DOT, 6% City) Cost
70	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	31.00	192.7	$5,973.70	192.70	$5,973.70	0.00	$0.00	0.00	$0.00
71	2525-0000100	TRAFFIC SIGNALIZATION	LS	480,000.00	1	$480,000.00	0.00	$0.00	1.00	$480,000.00	0.00	$0.00
72	2526-8285010	CONSTRUCTION SURVEY, MONUMENT PRESERVATION	LS	4,000.00	1	$4,000.00	0.50	$2,000.00	0.50	$2,000.00	0.00	$0.00
73	2526-8285020	CONSTRUCTION SURVEY, CONTROL POINT SURVEY	LS	4,000.00	1	$4,000.00	0.50	$2,000.00	0.50	$2,000.00	0.00	$0.00
74	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	35,000.00	1	$35,000.00	0.50	$17,500.00	0.50	$17,500.00	0.00	$0.00
75	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EA	115.00	49	$5,635.00	49.00	$5,635.00	0.00	$0.00	0.00	$0.00
76	2527-9263181	PAVEMENT MARKINGS REMOVED	STA	185.00	23.04	$4,262.40	23.04	$4,262.40	0.00	$0.00	0.00	$0.00
77	2527-9263209	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	65.00	170.97	$11,113.05	170.97	$11,113.05	0.00	$0.00	0.00	$0.00
78	2527-9263231	REMOVABLE TAPE MARKINGS, WET RETROREFLECTIVE	STA	245.00	3.44	$842.80	3.44	$842.80	0.00	$0.00	0.00	$0.00
79	2528-2518000	SAFETY CLOSURE	EA	185.00	18	$3,330.00	9.00	$1,665.00	9.00	$1,665.00	0.00	$0.00
80	2528-5160000	NO EXCUSE ROAD OPENING BONUS, U.S. 6 STAGES 1 AND 2 ON OR BEFORE NOVEMBER 19, 2027	LS	50,000.00	1	$50,000.00	1.00	$50,000.00	0.00	$0.00	0.00	$0.00
81	2528-8445110	TRAFFIC CONTROL	LS	335,000.00	1	$335,000.00	0.50	$167,500.00	0.50	$167,500.00	0.00	$0.00
82	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	150.00	0	$0.00	0.00	$0.00	0.00	$0.00	0.00	$0.00
83	2533-4980005	MOBILIZATION	LS	335,000.00	1	$335,000.00	0.50	$167,500.00	0.50	$167,500.00	0.00	$0.00
84	2552-0000300	TRENCH COMPACTION TESTING	LS	2,650.00	1	$2,650.00	0.50	$1,325.00	0.50	$1,325.00	0.00	$0.00
85	2554-0114008	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	140.00	2553	$357,420.00	0.00	$0.00	2553.00	$357,420.00	0.00	$0.00
86	2554-0134008	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF	230.00	123	$28,290.00	0.00	$0.00	123.00	$28,290.00	0.00	$0.00
87	2554-0203000	FITTINGS BY WEIGHT, DUCTILE IRON	LB	22.00	1060	$23,320.00	0.00	$0.00	1060.00	$23,320.00	0.00	$0.00
88	2554-0204220	WATER SERVICE STUB, PVC, 2 IN.	EA	3,000.00	1	$3,000.00	0.00	$0.00	1.00	$3,000.00	0.00	$0.00
89	2554-0207006	VALVE, GATE, DIP, 6 IN.	EA	2,540.00	3	$7,620.00	3.00	$7,620.00	0.00	$0.00	0.00	$0.00
90	2554-0207008	VALVE, GATE, DIP, 8 IN.	EA	3,310.00	10	$33,100.00	0.00	$0.00	10.00	$33,100.00	0.00	$0.00
91	2554-0209006	VALVE REMOVAL, 6 IN.	EA	460.00	3	$1,380.00	3.00	$1,380.00	0.00	$0.00	0.00	$0.00
92	2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	EA	11,700.00	7	$81,900.00	0.00	$0.00	7.00	$81,900.00	0.00	$0.00
93	2554-0211008	FLUSHING DEVICE (BLOWOFF), 8 IN.	EA	2,100.00	1	$2,100.00	0.00	$0.00	1.00	$2,100.00	0.00	$0.00
94	2554-0212040	VALVE BOX ADJUSTMENT, MINOR	EA	535.00	4	$2,140.00	4.00	$2,140.00	0.00	$0.00	0.00	$0.00
95	2554-0214000	FIRE HYDRANT ADJUSTMENT	EA	2,580.00	2	$5,160.00	2.00	$5,160.00	0.00	$0.00	0.00	$0.00
96	2555-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS	LS	3,000.00	1	$3,000.00	0.00	$0.00	1.00	$3,000.00	0.00	$0.00
97	2599-9999005	('EACH' ITEM) CONNECTION TO EXISTING WATER MAIN	EA	4,240.00	2	$8,480.00	0.00	$0.00	2.00	$8,480.00	0.00	$0.00
98	2599-9999005	('EACH' ITEM) SUBDRAIN CLEANOUT, TYPE B	EA	2,140.00	4	$8,560.00	4.00	$8,560.00	0.00	$0.00	0.00	$0.00
99	2599-9999010	('LUMP SUM' ITEM) ROADWAY LIGHTING SYSTEM	LS	300,000.00	1	$300,000.00	0.00	$0.00	1.00	$300,000.00	0.00	$0.00
100	2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	2,800.00	7	$19,600.00	1.70	$4,760.00	5.30	$14,840.00	0.00	$0.00
101	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	1,650.00	5	$8,250.00	1.20	$1,980.00	3.80	$6,270.00	0.00	$0.00
102	2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	12.00	192	$2,304.00	0.00	$0.00	192.00	$2,304.00	0.00	$0.00
103	2601-2639010	SODDING	SQ	65.00	335.6	$21,814.00	81.80	$5,317.00	253.80	$16,497.00	0.00	$0.00
104	2601-2640350	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	SQ	30.00	27.4	$822.00	0.00	$0.00	27.40	$822.00	0.00	$0.00
105	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	ACRE	300.00	2	$600.00	0.50	$150.00	1.50	$450.00	0.00	$0.00
106	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	1000 Gallons	75.00	245.24	$18,393.00	49.08	$3,681.00	196.16	$14,712.00	0.00	$0.00
107	2601-2643300	MOBILIZATION FOR WATERING	EA	450.00	13	$5,850.00	5.00	$2,250.00	8.00	$3,600.00	0.00	$0.00
108	2602-0000020	SILT FENCE	LF	1.60	1600	$2,560.00	30.00	$48.00	1570.00	$2,512.00	0.00	$0.00
109	2602-0000030	SILT FENCE FOR DITCH CHECKS	LF	1.70	930	$1,581.00	810.00	$1,377.00	120.00	$204.00	0.00	$0.00
110	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	LF	0.10	1270	$127.00	420.00	$42.00	850.00	$85.00	0.00	$0.00
111	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	LF	0.50	253	$126.50	84.00	$42.00	169.00	$84.50	0.00	$0.00
112	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303	LF	63.00	1700	$107,100.00	850.00	$53,550.00	850.00	$53,550.00	0.00	$0.00
113	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	2.40	11370	$27,288.00	5710.00	$13,704.00	5660.00	$13,584.00	0.00	$0.00
114	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	5.20	250	$1,300.00	0.00	$0.00	250.00	$1,300.00	0.00	$0.00
115	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	0.20	12150	$2,430.00	5840.00	$1,168.00	6310.00	$1,262.00	0.00	$0.00
116	2602-0000370	DITCH CHECK SEDIMENT CONTROL DEVICE, 20 IN. DIA.	LF	5.60	530	$2,968.00	130.00	$728.00	400.00	$2,240.00	0.00	$0.00
117	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	13.00	278	$3,614.00	179.00	$2,327.00	99.00	$1,287.00	0.00	$0.00
118	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EA	11.00	42	$462.00	27.00	$297.00	15.00	$165.00	0.00	$0.00
119	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EA	9.00	42	$378.00	27.00	$243.00	15.00	$135.00	0.00	$0.00
120	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EA	135.00	6	$810.00	5.00	$675.00	1.00	$135.00	0.00	$0.00
121	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EA	15.00	6	$90.00	5.00	$75.00	1.00	$15.00	0.00	$0.00
122	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EA	12.00	6	$72.00	5.00	$60.00	1.00	$12.00	0.00	$0.00
123	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EA	600.00	1	$600.00	0.50	$300.00	0.50	$300.00	0.00	$0.00
124	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EA	1,200.00	1	$1,200.00	0.50	$600.00	0.50	$600.00	0.00	$0.00
125	2612-0000520	ROADSIDE SPRAY FOR WEED CONTROL	ACRE	160.00	5	$800.00	1.20	$192.00	3.80	$608.00	0.00	$0.00
		Sub-Total Divisions				$7,198,753.85		$2,458,429.85		$3,868,691.00		$871,633.00
		DOT Split of Division 3 Stormwater (0.94)						$819,335.02				
		City Split of Division 3 Stormwater (0.06)								$52,297.98		
		Sub-Total STP-006-7(098)--2C-52				$7,198,753.85		$3,277,764.87		$3,920,988.98		
126	2102-0425071	SPECIAL BACKFILL	CY	70	80	$5,600.00	80.00	$5,600.00	0.00	$0.00		
127	2510-6745850	REMOVAL OF PAVEMENT	SY	12	98	$1,176.00	98.00	$1,176.00	0.00	$0.00		
128	2511-6745900	REMOVAL OF SIDEWALK	SY	14	631	$8,834.00	631.00	$8,834.00	0.00	$0.00		
129	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	70	723	$50,610.00	723.00	$50,610.00	0.00	$0.00		
130	2511-7528101	DETECTABLE WARNINGS	SF	54	100	$5,400.00	100.00	$5,400.00	0.00	$0.00		
131	2512-1725356	CURB AND GUTTER, P.C. CONCRETE, 3.5 FT.	LF	61	293	$17,873.00	293.00	$17,873.00	0.00	$0.00		
132	2514-0000200	REMOVAL OF CURB	STA	5730	2.93	$16,788.90	2.93	$16,788.90	0.00	$0.00		
133	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.	SY	78	166	$12,948.00	166.00	$12,948.00	0.00	$0.00		
134	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	16	75	$1,200.00	75.00	$1,200.00	0.00	$0.00		
135	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	5000	1	$5,000.00	1.00	$5,000.00	0.00	$0.00		

Exhibit B: Cost Estimate

#	Item Code	Item Description	Unit	Unit Price	Quantity	Total Cost	Division 1 - 100% Iowa DOT Quantity	Division 1 - 100% Iowa DOT Cost	Division 2 - 100% City of Tiffin Quantity	Division 2 - 100% City of Tiffin Cost	Division 3 - Stormwater Items (94% DOT, 6% City) Quantity	Division 3 - Stormwater Items (94% DOT, 6% City) Cost
136	2528-8445110	TRAFFIC CONTROL	LS	8000	1	$8,000.00	1.00	$8,000.00	0.00	$0.00		
137	2529-5070110	PATCHES, FULL-DEPTH FINISH, BY AREA	SY	260	35	$9,100.00	35.00	$9,100.00	0.00	$0.00		
138	2529-5070111	PATCHES, FULL-DEPTH FINISH, BY AREA (50 FEET OR GREATER IN LENGTH)	SY	260	63	$16,380.00	63.00	$16,380.00	0.00	$0.00		
139	2529-5070120	PATCHES, FULL-DEPTH FINISH, BY COUNT	EA	250	6	$1,500.00	6.00	$1,500.00	0.00	$0.00		
140	2533-4980005	MOBILIZATION	LS	8000	1	$8,000.00	1.00	$8,000.00	0.00	$0.00		
141	2601-2638352	SLOPE PROTECTION, WOOD EXCELSIOR MAT	SQ	10	26.1	$261.00	26.10	$261.00	0.00	$0.00		
142	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	1000 Gallons	75	5.22	$391.50	5.22	$391.50	0.00	$0.00		
143	2601-2643300	MOBILIZATION FOR WATERING	EA	450	3	$1,350.00	3.00	$1,350.00	0.00	$0.00		
144	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN. DIA.	LF	2.2	260	$572.00	260.00	$572.00	0.00	$0.00		
145	2602-0000312	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 12 IN. DIA.	LF	2.4	750	$1,800.00	750.00	$1,800.00	0.00	$0.00		
146	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	LF	0.2	1010	$202.00	1010.00	$202.00	0.00	$0.00		
147	2602-0000500	OPEN-THROAT CURB INTAKE SEDIMENT FILTER, EC-602	LF	13	72	$936.00	72.00	$936.00	0.00	$0.00		
148	2602-0000510	MAINTENANCE OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EA	11	8	$88.00	8.00	$88.00	0.00	$0.00		
149	2602-0000520	REMOVAL OF OPEN-THROAT CURB INTAKE SEDIMENT FILTER	EA	9	8	$72.00	8.00	$72.00	0.00	$0.00		
150	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG, EC-604	EA	135	1	$135.00	1.00	$135.00	0.00	$0.00		
151	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EA	15	1	$15.00	1.00	$15.00	0.00	$0.00		
152	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EA	12	1	$12.00	1.00	$12.00	0.00	$0.00		
153	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EA	600	1	$600.00	1.00	$600.00	0.00	$0.00		
154	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	EA	1200	1	$1,200.00	1.00	$1,200.00	0.00	$0.00		
		Sub-Total STPN-006-7(101)--2J-52				$176,044.40		$176,044.40		$0.00		
155	2104-2710020	EXCAVATION, CLASS 10, CHANNEL	CY	13	191	$2,483.00	191.00	$2,483.00	0.00	$0.00		
156	2401-6745650	REMOVAL OF EXISTING STRUCTURES	LS	40000	1	$40,000.00	1.00	$40,000.00	0.00	$0.00		
157	2402-2720000	EXCAVATION, CLASS 20	CY	25	878	$21,950.00	878.00	$21,950.00	0.00	$0.00		
158	2402-3825025	GRANULAR MATERIAL FOR BLANKET	CY	89	123	$10,947.00	123.00	$10,947.00	0.00	$0.00		
159	2403-0100020	STRUCTURAL CONCRETE (RCB CULVERT)	CY	850	244.1	$207,485.00	244.10	$207,485.00	0.00	$0.00		
160	2404-7775000	REINFORCING STEEL	LB	1.8	36100	$64,980.00	36100.00	$64,980.00	0.00	$0.00		
161	2414-6444100	STEEL PIPE PEDESTRIAN HAND RAILING	LF	230	119	$27,370.00	119.00	$27,370.00	0.00	$0.00		
162	2507-3250005	ENGINEERING FABRIC	SY	4.2	288	$1,209.60	288.00	$1,209.60	0.00	$0.00		
163	2507-6800061	REVETMENT, CLASS E	TON	70	286	$20,020.00	286.00	$20,020.00	0.00	$0.00		
164	2526-8285040	CONSTRUCTION SURVEY, LOCATION SURVEY	LS	7500	1	$7,500.00	1.00	$7,500.00	0.00	$0.00		
165	2533-4980005	MOBILIZATION	LS	44882.7	1	$44,882.70	1.00	$44,882.70	0.00	$0.00		
		Sub-Total BRF-006-7(102)--38-52				$448,827.30		$448,827.30		$0.00		
		TOTAL Project				**$7,823,625.55**		**$3,902,636.57**		**$3,920,988.98**		

Exhibit C: Work on City Property



Area to be accessed on city property for water main construction

Ref: Project# STP-006-7(098)--2C-52

City of TIFFIN

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Discussion and Consideration to Approve a Professional Service Agreement with the Iowa DOT for the Highway 6 Improvements Project
ACTION:	Motion

Background

The City has prepared a draft Contract Service Agreement with Goerdt Inspections and Consultation Services, LLC for building and code-related services. The agreement is intended to provide the City with inspection and consultation resources for permit and plan review, building and property maintenance inspections, code and ordinance violations, and communication with contractors and residents.

The proposed agreement identifies Terry Goerdt as the owner of Goerdt Inspections and Consultation Services, LLC. The agreement is structured as an hourly professional services arrangement, allowing the City to utilize services as needed rather than establishing a fixed annual contract amount.

Under the proposed agreement, Goerdt Inspections and Consultation Services, LLC would be compensated at an hourly rate of $50.00 per hour. Payment would be made monthly following receipt of itemized invoices.

The agreement establishes a minimum charge of two hours for each inspection visit. No fixed annual expenditure is identified in the agreement; total costs would therefore depend upon the amount of services requested by the City.

Recommendation

Staff recommends approval of the Contract Service Agreement with Goerdt Inspections and Consultation Services, LLC to provide building inspection, plan review, code enforcement, and related consultation services to the City of Tiffin.

ATTACHMENTS: Agreement

GOERDT INSPECTIONS AND CONSULTATION SERVICES, LLC
CODE COMPLIANCE, ZONING, AND ORDINANCE ENFORCEMENT

Terry Goerdt, Owner 319-330-9806 EIN: 33-2862208 goerdtservices@outlook.com

Contract Service Agreement DRAFT

This contract for services is made affective as of _____ , by and between Goerdt Inspections and Consultation Services, LLC. and the **City of Tiffin.**

Description of Primary Services.

1. Permit and plan review.
2. Building, mechanical, electrical and property maintenance inspections.
3. Management of code or ordinance violations (to include MI, Notice of Abatement/Violation, etc.)
4. Contractor or resident liaison for items 1-4.

Description of other services available.

5. Additional services as requested
   For example: municipal project management, nuisance code enforcement, zoning consultation, etc.

Payment. Payment to Goerdt Inspections and Consultation Services shall be made monthly following receipt of itemized invoices. Payment at the hourly rate of $50.00 with a minimum of a two-hour charge for each inspection visit. This agreement will be effective_____.

Term. This agreement will be auto renewed on an annual basis with a biennial evaluation of fees by Goerdt Inspection Services, LLC.

Termination: Termination of this agreement may be made, in writing, by either party with 60 days notice. The notice shall describe the details and reason of the termination request. Resolution of any defaults will be attempted prior to a termination request.

Amendment: This agreement may be modified or amended if the amendment is made in writing, agreed upon, and is signed by both parties.

_____ _____

Terry Goerdt, Owner- Goerdt Inspections.. Mayor/City Manager, City of Tiffin

AGENDA ITEM # K-4

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Discussion and Consideration of Purchase of 2025 Chevrolet Equinox LT for Parks & Recreation Department
ACTION:	Motion

Background

The Parks & Recreation Department currently utilizes a pickup truck for a variety of operational activities, including hauling equipment, materials, event supplies, and other items that require an open cargo bed or towing capability.

While the pickup truck is well suited for those purposes, it is not the ideal vehicle for transporting food, groceries, paper products, and other supplies that need to remain protected from weather and environmental conditions.

The Parks & Recreation Department has an ongoing need to make short, routine trips to purchase food and other supplies for City concessions and recreational programming. These trips may include purchasing items from Costco, grocery stores, restaurant suppliers, or other local retailers.

Staff is recommending the addition of a smaller enclosed SUV to the Department's vehicle fleet to address this specific operational need.

Staff has identified a certified pre-owned 2025 Chevrolet Equinox LT AWD available through McGrath Auto as an appropriate vehicle for this purpose. The vehicle is listed with approximately 18,586 miles and a purchase price of $$26,000.

ATTACHMENTS: Quote

Certified Pre-Owned 2025 Chevrolet Equinox LT | VIN: 3GNAXPEG8SL312840 | Stock: P15236

VIN: 3GNAXPEG8SL312840
Stock: P15236

McGrath Family of Dealerships

111-111-1111

Exterior: White
Interior: Black
Engine: 1.5L DOHC
Mileage: 18,586

Drivetrain: AWD
Transmission: 8-Speed Automatic
Fuel Efficiency: 24 CITY / 29 HWY

Vehicle Details:

- Navigation System
- 6 Speakers
- Premium audio system: Chevrolet Infotainment 3
- Radio: 11.3" Diagonal Advanced Color LCD Display
- Air Conditioning
- Power steering
- Remote keyless entry
- Four wheel independent suspension
- Traction control
- ABS brakes
- Dual front side impact airbags
- Front anti-roll bar
- Occupant sensing airbag
- Rear anti-roll bar
- Electronic Stability Control
- Delay-off headlights
- Panic alarm
- Speed control
- Heated door mirrors
- Spoiler
- Compass
- Driver vanity mirror
- Heated steering wheel
- Outside temperature display
- Passenger vanity mirror
- Rear seat center armrest
- Telescoping steering wheel
- Trip computer
- Front Bucket Seats
- Front Passenger 4-Way Manual Seat Adjuster
- Heated front seats
- Passenger door bin
- Wheels: 17" Grazen Metallic Machined-Face Aluminum
- Variably intermittent wipers
- Preferred Equipment Group 2LT
- AM/FM radio: SiriusXM
- Radio data system
- SiriusXM
- Rear window defroster
- Power windows
- Steering wheel mounted audio controls
- Speed-sensing steering
- 4-Wheel Disc Brakes
- Dual front impact airbags
- Emergency communication system: OnStar and Chevrolet connected services capable
- Low tire pressure warning
- Overhead airbag
- Brake assist
- Auto High-beam Headlights
- Fully automatic headlights
- Security system
- Bumpers: body-color
- Power door mirrors
- Cloth Seat Trim
- Driver door bin
- Front reading lights
- Illuminated entry
- Overhead console
- Rear reading lights
- Tachometer
- Tilt steering wheel
- Driver 6-Way Manual Seat Adjuster
- Front Center Armrest
- Heated Driver & Front Passenger Seats
- Split folding rear seat
- Alloy wheels
- Rear window wiper
- 3.47 Final Drive Axle Ratio

Retail Price $27,359
McGrath Savings -$1,303
Doc Fee +$180
Sale Price $26,236

Disclaimer:

New vehicle pricing includes all offers and incentives. Tax, Title and Tags not included in vehicle prices shown and must be paid by the purchaser. While great effort is made to ensure the accuracy of the information on this site, errors do occur so please verify information with a customer service rep. This is easily done by calling us at or by visiting us at the dealership.

McGrath Davenport Used Car Superstore
4618 N Brady St #3901
Davenport
IA, 52806
https://www.patmcgrathdodgecountry.com/

Deal # 35076

ADAM PLADNA
Contact Sales: (563) 275 - 3878
email@mcgrathauto.com

AP

2025 Chevrolet Equinox
AWD LT

Stock # : P15236
Color : WHITE

Cash	
$0.00 Customer Cash	**$26,000.00**

Payment Detail

Selling Price	$26,000.00
Accessories	$0.00
Taxes 0	$0.00

X

Customer Signature & Date

X

ADAM PLADNA | Manager Signature & Date

Payments quoted here are all subject to final credit approval from the lending institution. Vehicle Price does not include accessories and options. Taxes and/or applicable fees. Leases in some cases require additional cash for security deposit and all lease fees. Lessee is responsible for $0.25 per Mile over 10000 Miles per year. Wear and tear guidelines apply. All prices, specifications, and availability subject to change without notice.

tekionLogo © Tekion Corp 2026

AGENDA ITEM # K-4

AGENDA INFORMATION
TIFFIN CITY COUNCIL COMMUNICATION

DATE:	August 27, 2026
AGENDA ITEM:	Discussion and Consideration of One-Time Water and Sewer Adjustment – 601 Gentry Lane
ACTION:	Motion

Background

On August 18, 2026, Kylee Stock submitted an application for a one-time water and sewer adjustment for the property located at 601 Gentry Lane**.** The application states that the master bathroom toilet was running and that the toilet had been turned off. The applicant indicated that a plumber was scheduled to inspect the property on August 19, 2026.

The utility account experienced a significant increase in water consumption. The July 2026 utility bill reflects consumption of 20,770 gallons, resulting in a bill of $269.27. The subsequent projected billing information shows consumption increasing substantially, with a projected total bill of $1,400.97**.**

City Ordinance No. 2017-398, Section 92.10, provides that, upon application and at the discretion of the City Council, a customer may be allowed a one-time adjustment on a water bill when the adjustment is the result of an adjustment cap of **$250.00**. The ordinance establishes the customer's average water usage based upon the previous twelve billing cycles.

City Ordinance No. 2017-399, Section 99.10(1), provides a similar one-time adjustment for sewer charges, with an adjustment cap of **$250.00**. The sewer adjustment is based upon the customer's average sewer bill for the previous twelve billing cycles.

The ordinances require the customer to pay the average amount of the applicable previous twelve-month billing history, with any approved adjustment reflected on the subsequent utility bill.

Recommendation

Staff recommends that the City Council approve a one-time water and sewer adjustment in the maximum amount allowed under City Ordinance, consisting of:

- $250.00 water adjustment; and
- $250.00 sewer adjustment;
- Total adjustment: $500.00.

The calculated overage exceeds the amount permitted under the City's ordinances; therefore, staff recommends limiting the adjustment to the ordinance maximum.

ATTACHMENTS: Application

City of TIFFIN

Application for One-Time Water and Sewer Adjustment

Name: Kylee Stock Date: 08/18/26

Service Address: 601 Gentry Ln

Phone Number: 319-333-8133

Resident Account Number: 01-010016 01-02

Reason for application: Master bathroom toilet is running. Toilet has since been turned off and a plumber will be out to our property on 8/19 to assess.

CITY OF TIFFIN ORDINANCE NO. 2017-398
AN ORDINANCE AMENDING THE MUNICIPAL CODE OF TIFFIN, IOWA, CHAPTER 92, BY ADDING SECTION 92.10 – WATER ADJUSTMENT

92.10 WATER ADJUSTMENT. Upon application to and at the discretion of the Tiffin City Council, each customer or address within the Corporate Limits of the City of Tiffin may be allowed a one-time adjustment on the water bill at that address or meter with an adjustment cap of $250.00. A twelve-month average billing amount will be established from the twelve immediate previous billing cycles. The customer will pay no less than the average of those previous twelve months. Tax will be paid on the original full billing amount, regardless of the amount of adjustment. If an adjustment is made to the customer's water bill under this ordinance then the one-time sewer adjustment must also be used at the same time.

CITY OF TIFFIN ORDINANCE NO. 2017-399
AN ORDINANCE AMENDING THE MUNICIPAL CODE OF TIFFIN, IOWA, SECTION 99.10(1) OF CHAPTER 99, PAYMENT OF BILLS – SEWER ADJUSTMENT

99.10(1) SEWER ADJUSTMENT. Upon application to and at the discretion of the Tiffin City Council, each customer or address within the Corporate Limits of the City of Tiffin may be allowed a one-time adjustment on the sewer bill at that address or meter with an adjustment cap of $250.00. A twelve-month average billing amount will be established from the twelve immediate previous billing cycles. The customer will pay no less than the average of those previous twelve months. Tax will be paid on the original full billing amount, regardless of the amount of adjustment. If an adjustment is made to the customer's sewer bill under this ordinance then the one-time water adjustment must also be used at the same time.

Signature Kylee Stock Date: 08/18/26

***You will be required to pay the average amount of your previous twelve utility bills at the time of application and pending City Council approval, any further adjustments will be made on the following utility bill.

TIFFIN

P.O. BOX 259
TIFFIN, IA 52340
(319) 545-2572

Account Number	AMOUNT DUE
01-01001601-02	**$269.27**
Due Date	**After Due Date Pay**
8/20/2026	PAID BY DRAFT
Account Name	
KYLEE STOCK	
Service Address	
601 GENTRY LN	
Amount Enclosed	

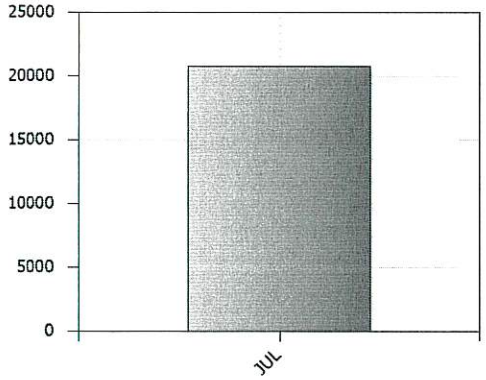
KYLEE STOCK
601 GENTRY LN
Tiffin, IA 52340

There will be a charge on all returned checks.
Please return this portion with your payment.
When paying in person, please bring both portions of this bill.

CUSTOMER ACCOUNT INFORMATION - RETAIN FOR YOUR RECORDS

Name	Service Address			Account Number		
KYLEE STOCK	601 GENTRY LN			01-01001601-02		
Status	**Service Dates**			**Bill Date**	**Penalty Date**	**Due Date**
	From	**To**	**# Days**			
New	6/22/2026	7/15/2026	23	7/30/2026	8/21/2026	8/20/2026

Usage

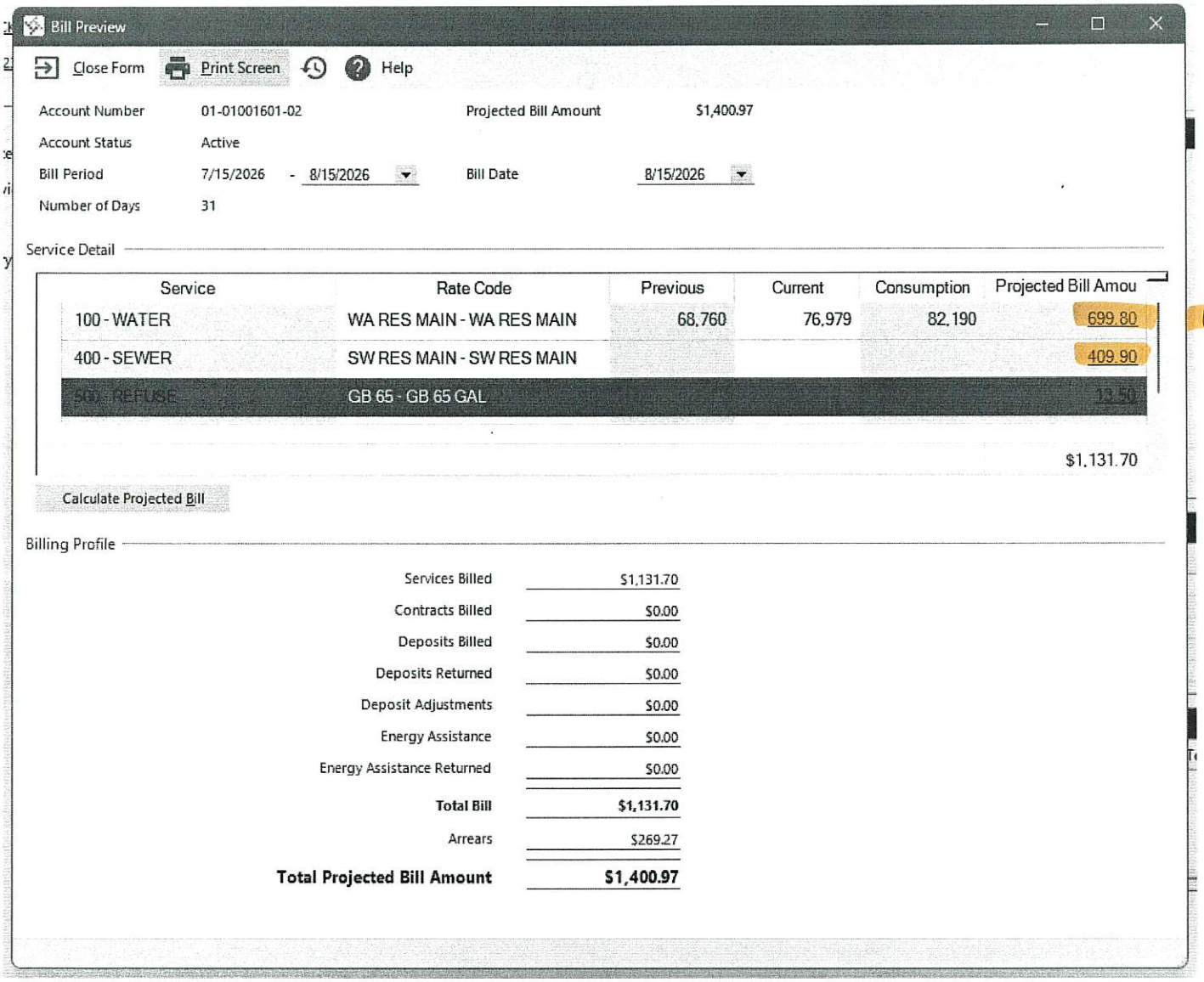


CURRENT READING	PREVIOUS READING	USAGE
68,760	66,683	20,770

PREVIOUS BALANCE	$0.00
PAYMENTS	$0.00
ADJUSTMENTS	$0.00
PENALTIES	$0.00
PAST DUE AMOUNT	**$0.00**
WA RES MAIN BASE	11.50
WA RES MAIN CONS	119.43
SW RES MAIN BASE	14.95
SW RES MAIN CONS	98.66
GARBAGE	10.35
STORM WATER	2.30
RECYCLING	4.22
Tax	$7.86
CURRENT BILL	**$269.27**
AMOUNT DUE	**$269.27**

PAID BY DRAFT

To make a utility payment online, you can visit
https://tiffinia.municipalonlinepayments.com/tiffinia



without tax
660.19

Kylee Stock
601 Gentry Ln
01-01001601-02

	WATER	Water Average	W Refund	SEWER	Sewer Average	S Refund
9/1/2026	$ 660.19	$ 69.26	$ 590.93	$ 409.90	$ 65.17	$ 344.73
8/1/2026	$ 130.93	$ 69.26	$ 61.67	$ 113.61	$ 65.17	$ 48.44
7/1/2026	$ 96.36			$ 88.31		
6/1/2026	$ 75.61			$ 69.57		
5/1/2026	$ 75.95			$ 69.85		
4/1/2026	$ 60.94			$ 57.45		
3/1/2026	$ 73.48			$ 67.81		
2/1/2026	$ 68.53			$ 63.72		
1/1/2026	$ 59.68			$ 56.41		
12/1/2025	$ 67.84			$ 63.15		
11/1/2025	$ 59.68			$ 56.41		
10/1/2025	$ 65.60			$ 61.30		
9/1/2025	$ 67.90			$ 63.20		
8/1/2025	$ 59.58			$ 64.91		
	$ 831.15	Total 12 mo.		$ 782.09	Total 12 mo.	
	$ 69.26	Average		$ 65.17	Average	

Water Refund	$ 652.60	MAX $250
Sewer Refund	$ 393.17	MAX ~~$250~~
FORGIVENESS GRAND TOTAL:	$ 1,045.77	MAX $500

Roby Smith
Treasurer of Iowa

Outstanding Obligations
Disclosure Statement
Report Year 2026

TABLE ONE

(Please type or print)

Federal ID Number: 420868247

City: Tiffin

Address: 300 Railroad St
PO Box 259

City: Tiffin State: IA Zip Code: 52340

County: Johnson County Phone: 3195452572

Contact Person: Abigail Hora

Please refer to the complete instructions enclosed:

1. Verify the federal ID number, address, phone, contact, etc. at the top of the form. If something is incorrect, draw a line through it and write the correct information above it.

2. Verify the pre-printed information at the bottom of the form. If something is incorrect, draw a line through it and write the correct information on the line below it. If a debt is no longer outstanding, draw a line through the amount and write "0" in the line below it.

3. List any new or previously ommitted issues.

4. Refer to the complete instructions for the Purpose and Security Classification letters.

5. Enter the total amount of debt outstanding on 6/30/2026 from this page at the bottom - "Total Outstanding Debt from this page."

Issue Date	Maturity Date	Amount Issued	Amount Outstanding	Purpose	Security Classification
02/17/2026	06/01/2043	$12,925,000.00	$12,925,000.00	Parks/Recreation	General Obligation
04/24/2025	06/01/2040	$5,350,000.00	$5,280,000.00	Transportation	General Obligation
08/25/2020	06/01/2035	$7,670,000.00	$3,930,000.00	Transportation	General Obligation
05/30/2024	06/01/2032	$3,565,000.00	$2,980,000.00	Transportation	General Obligation
12/20/2017	06/01/2033	$5,140,000.00	$2,685,000.00	Transportation	General Obligation
09/04/2019	06/01/2031	$4,500,000.00	$2,175,000.00	Transportation	General Obligation
05/18/2022	06/01/2038	$2,740,000.00	$2,050,000.00	Public Buildings/Schools	General Obligation
04/04/2018	06/01/2038	$1,100,000.00	$765,000.00	Public Safety	General Obligation
03/09/2021	06/01/2028	$2,510,000.00	$760,000.00	Transportation	General Obligation
02/05/2021	06/01/2038	$5,624,000.00	$4,138,000.00	Utilities/Sewers	Revenue Bonds
09/30/2016	06/01/2037	$2,296,000.00	$1,276,000.00	Utilities/Sewers	Revenue Bonds
03/04/2022	06/01/2038	$486,000.00	$343,058.85	Utilities/Sewers	Revenue Bonds

City of Tiffin, IA

CLIENT LIAISON:

Andrew Inhelder, PE

Office: 319.364.4773

Cell: 515.802.0906

ainhelder@msa-ps.com

DATE:

August 28, 2026

ON-GOING PROJECTS

REVERSE OSMOSIS WATER TREATMENT PLANT DESIGN – CLINT WIENEN

The RO skids have been delivered and assembled. Masonry walls within the RO building have been completed and painted will be completed within the next couple of weeks. Driveway paving has been partially completed. The Clearwell has been properly cleaned, disinfected, and tested for leaks. Work to be completed in the next month includes metal siding and roofing, truss installation on the addition to the existing treatment building, mezzanine construction, and ongoing electrical, plumbing, and HVAC items.

At the construction meeting held on 8/25/2026, Tricon Construction is not anticipating the RO System to be operational until mid to late November. Substantial Completion was identified as 9/30/2026 in the Agreement.

VILLAGE DRIVE & ROBERTS FERRY ROAD SIGNAL DESIGN – ANDREW INHELDER

Project was awarded to Neumiller Electric, Inc on May 19th, 2026. Contractor and MSA are working through shop drawing submittal and review. The contractor has tentatively planned to begin construction in September. A pre-construction meeting will be scheduled closer to the anticipated project start date.

Substantial Completion date for the project is October 2, 2026.

HIGHWAY 6 CONCEPT AND COST ESTIMATE – JAMES WATTERS

Final plans for letting were submitted to the DOT on August 4, 2026.The project will open bids for project in mid-October

The DOT is currently working on the construction agreement with the City and will be submitting to the City for signature when ready. This agreement will put in place construct cost splits between the City and DOT.

North Park Road Improvements – James Watters

Work on the sanitary service for the property on the Southwest corner of North Park Road and Mopar Drive has been completed and a change order has been processed.

The Oak Hill Elementary entrance was completed Friday, August 21st and was opened to public traffic the following Monday morning for the start of the school year.
Roadway paving on both northbound and southbound lanes has been completed with hand-pours for intersections, median, driveway, and tie-in paving remaining. Paving of sidewalk and trail is set to begin in late August or early September.

Given the amount of anticipated traffic on North Park Road, is not expected that the roadway can be safely opened to the public until construction activities causing traffic disruption can be minimized.

Roberts Ferry Road Shoulder Widening – Andrew Inhelder

MSA has surveyed the area and have begun preliminary design to widen the shoulder. We will present the plans and opinion of cost to the City in September.

US 6 and Deer View Ave Traffic Signal Design – James Watters

The City is upgrading the temporary traffic signals at US 6 and Deer View Avenue to permanent signals. The survey was delayed to allow topo collection for this intersection and the North Park Road intersection at the same time. Survey work for both intersections has now been scheduled and will be completed shortly. A kickoff meeting with the City will be held after the survey is completed. Traffic turning movement counts are planned for September and October and will likely be used to support the design of the proposed improvements. Trail and stormwater improvements are also anticipated as part of the overall design effort in this area.

DEVELOPMENT ASSISTANCE – ANDREW INHELDER

NO FURTHER COMMENTS

Development Name	Description	Date of last interaction
Daytona Estates OPD	No further comments	10/13/23
Lotus Hill South OPD	No further comments.	7/28/26
Tiffin West – McDonalds	No further comments.	6/15/26
Park Place City Center, Part 1, Phase 5, Lot 5 – Mayfair	No further comments.	5/1/26

UNDER CONSTRUCTION

Development Name	Description	Date of last interaction
Bailey Way Extension	Currently under construction. Punchlist items remaining.	8/17/26
CCA HS & MS Addition	Currently under construction.	7/21/26
Clear Creek Village	Currently under construction.	8/26/26
Grove Park	Currently under construction.	8/26/26
Homemaker's Site	Currently under construction.	8/26/26
Hunt Club Phase 4	Currently under construction.	8/26/26
Lotus Hill	Currently under construction.	8/27/26
Park Place City Center, Part 1, Phase 1, Lot 25 – Hotel	Currently under construction.	8/26/26
Park Place City Center, Part 1, Phase 2, Lot 3 – The Boardwalk	Currently under construction.	8/26/26
Park Place City Center, Part 4, Phase 4, Lot 22 – Firing Pin	Currently under construction.	7/21/26
Park Place City Center, Part 2, Phase 6, Lot 33 – Olde Town Building	Currently under construction.	8/26/26
Park Place City Center, Part 3, Lot 1, EMA Storage Building	Currently under construction. Have not received drainage report.	8/26/26
Prairie Village Lot 55 – Medical Clinic	Currently under construction.	8/26/26
The States – Anderson Addition OPD	Currently under construction. Plan modifications and review comments sent back. Awaiting resubmission.	8/26/26
Tiffin Heights West	Walkthrough performed. Contractor to complete punchlist and notify MSA of completion.	8/26/26
Tiffin West	Punchlist walkthrough performed. Contractor to complete punchlist and notify MSA of completion.	8/26/26
Veritas Church Expansion – Phase 2	Currently under construction.	8/26/26
Veritas Church Expansion – Phase 3	Currently under construction.	8/26/26
Village Drive Extension (By water tower)	Project walkthrough was completed and several punchlist items were identified.	7/21/26

AWAITING RESUBMISSION

Development Name	Description	Date of last interaction
Buffalo Ridge Development	Review of concept sent. Awaiting resubmission.	7/7/26
Half Moon Ave/Hwy 6 Turn Lanes	Developer corresponding with Iowa DOT	6/8/26
Kinetic Fiber Installation	Review comments sent. Awaiting resubmission.	7/1/26
Park Place City Center, Part 1, Phase 6, Lot 6 – Pacific	Review comments sent. Awaiting resubmission	8/12/26
Park Place City Center, Part 2, Phase 9, Lot 29 – Movie Theatre	Review comments sent. Awaiting resubmission.	7/22/26
State & Croell Development (Retail & Laundry)	Review comments sent. Awaiting resubmission.	6/2/26
The States – Andersen Addition OPD	Submitted revised plans. Awaiting resubmission.	5/27/26

IN REVIEW

Development Name	Description	Date of last interaction
Park Place City Center, Part 1, Phase 7, Lots 9-14 - Marvin Gardens OPD	In review	8/24/26
Park Place City Center, Part 2, Phase 10, Lots 1 & 3	In review.	8/25/26

Upcoming Infrastructure Project	Description	Next Steps/Schedule
Wastewater Treatment Improvements	The current wastewater treatment facility (WWTF) has a chloride compliance schedule. There is not any wastewater treatment equipment/processes designed to remove chloride so typically source control is the only economical means of meeting compliance. **The existing treatment facility is at about 50% capacity. However, if the past growth rate continues an expansion will be required in the next 5-7 years.** **From design to construction the process typically takes 3-4 years.**	**Final Compliance with NPDES Permit required October 1, 2025.** **MSA presented its findings on November 1st, 2022. MSA has prepared a proposed schedule for wastewater treatment, water treatment and water supply improvement projects.**
Well 6	Due to the City's continued growth and the new water treatment plant, it was noted that Well #6 may need to be brought online within the next 12 months. The only work recommended for the City is the well acidization and test pumping. The testing results will provide the information needed to properly size the pump, watermain, electrical service, and other associated infrastructure.	**MSA will solicit quotes from qualified well drilling contractors**.
North Park Road & Aster Drive Intersection Improvements	MSA is preparing a PSA for review by the City to signalize this intersection.	**MSA is preparing a PSA for review by the City.**

CITY OF TIFFIN
CITY ADMINISTRATOR
REPORT TO THE CITY COUNCIL
August 27, 2026

- Work continues to progress on the Forevergreen Road and Jasper Avenue Improvements Project. A significant amount of paving has been taking place within the last 10 days. Portions of the north and east legs of the roundabout have been poured along with a portion of the center circle.

- As we briefly discussed at the last Council meeting, this year's Rec Fest was a tremendous success. City staff believes the event exceeded our hopes and expectations and was the most successful Rec Fest to date. Attached is a summary report that Ashley and Bri prepared regarding the event. With the assistance from Greater Iowa City, Inc., we were able to gather a broader range of participation and event data through the use of Placer.ai. This information provides valuable insight into the event's reach and overall impact. Ashley and Bri will both be in attendance at Tuesday night's meeting to review the report and provide a brief overview of the event and its results. Time permitting in the work session, we will review the report then.

- Under the agenda item 'Reports to be Received/Filed' is the City's 2026 Outstanding Obligations Disclosure Statement**.** This annual report is submitted to the State and provides a summary of the City's outstanding notes, including the amounts, purposes, and classifications. Council approval is not required for this report as it is provided for informational purposes as a financial snapshot of the City's current outstanding obligations.

- With the recent changes enacted by the State Legislature regarding tax increment financing under SF 2472, I continue to work through the various items, agreements, and ordinances that will need to be implemented, approved, or updated by the end of the calendar year. Some of these changes may require the City to reevaluate certain future development projects. Beginning with the second Council meeting in September, or the two meetings in October, I anticipate scheduling public hearings for the necessary agreements and ordinances.

- The final draft of the City Code has been received and is now available for City Council's review. The only remaining item is the incorporation of legislative updates effective July 1, 2026, which are currently being reviewed by the Iowa Codification team. Council is encouraged to review the draft and provide questions or recommended changes, with a discussion planned for the second September work session before the final updates are incorporated.

City of TIFFIN Recreation

300 Railroad Street, PO Box 259 Tiffin, IA 52340
P. 319-545-2572 F. 319-545-4147 www.tiffin-iowa.org

To: Mayor and City Council

From: Grant Weber, Parks and Recreation Director

Date: 9/1/2026

Subject: Parks and Recreation Director's Report to Council

Parks

Fall programming is picking up and the parks are being used heavily. Every day of the week from August 24-October 17, the Auxiliary fields will have a flag football, soccer, baseball, softball, or sand volleyball game/practice going on. City Park has baseball and softball practices booked Mon-Fri, with 5 tournaments in the books so far.

Programs

Flag football, volleyball, and a variety of other youth programs for pre-k and kindergarten age groups have started. Registration numbers are higher this fall than last year, with a few slight shifts. We have 18% decrease in participation in football compared to last year, but our youth volleyball program is having a 70% increase.

We're utilizing gym space at the Middle School, and trying to really work on our communication to limit any issues. So far, we've had a great start to the season.

Events

No major upcoming events, but we're discussing plans for a fall festival/improvements to the Halloween hike event. We have 5 baseball tournaments in the books. Sunday afternoons at City Park and the Auxiliary Fields will be very busy.

Recreation Center Staffing

We're beginning to post part-time and seasonal jobs for the Recreation Center. The plan is to start interviews in September, and hopefully begin training in October and November.