



# CITY OF ANAMOSA

## CITY COUNCIL AGENDA – REGULAR SESSION

TUESDAY, DECEMBER 27, 2022 – 6:30 P.M.  
ANAMOSA LIBRARY & LEARNING CENTER  
600 EAST 1ST STREET, ANAMOSA, IA 52205

Zoom Meeting Link  
<https://us02web.zoom.us/j/85391554605>  
Meeting ID: 853 9155 4605  
Passcode: Anamosa

Join by Telephone  
+1 312 626 6799 US  
Meeting ID: 896 1763 8865  
Passcode: 5324213

*If you wish to address the City Council, please wait for the Mayor to open the floor for public comment on that agenda item and then approach the podium. Before speaking, please state your name and address. Each speaker is limited to five (5) minutes per agenda item and is expected to refrain from the use of profane, obscene, or slanderous language.*

***The above Zoom link does not allow for participation in the meeting. It is for viewing only.***

- 1.0) **ROLL CALL**
- 2.0) **PLEDGE OF ALLEGIANCE**
- 3.0) **MOTION TO APPROVE THE MINUTES FROM THE FOLLOWING MEETINGS:**
  - 3.1) NOVEMBER 28, 2022 – REGULAR COUNCIL MEETING
  - 3.2) DECEMBER 7, 2022-SPECIAL MEETING
  - 3.3) DECEMBER 14, 2022 – SPECIAL MEETING
- 4.0) **PUBLIC HEARINGS:**
  - 4.1) PROPOSED PURCHASE/LEASE OF POLICE VEHICLES
    1. MAYOR OPENS PUBLIC HEARING
    2. PROCEEDINGS
    3. MOTION TO CLOSE PUBLIC HEARING
  - 4.2) PROPOSED PURCHASE OF UTILITY SLUDGE DUMP TRUCK
    1. MAYOR OPENS PUBLIC HEARING
    2. PROCEEDINGS
    3. MOTION TO CLOSE PUBLIC HEARING
  - 4.3) PROPOSED PURCHASE OF FIRE TRUCK FOR FIRE DEPARTMENT
    1. MAYOR OPENS PUBLIC HEARING
    2. PROCEEDINGS
    3. MOTION TO CLOSE PUBLIC HEARING
- 5.0) **OLD BUSINESS:**
  - 5.1) **ORDINANCE 2022-956:** AMENDING CHAPTER 69.13 OF THE ORDINANCES OF THE CITY OF ANAMOSA, IOWA CONCERNING DOWNTOWN PARKING REGULATIONS (3<sup>rd</sup> READING)
  - 5.2) **REVIEW AND APPROVAL:** CHANGE ORDER #2 WITH HR GREEN FOR THE SANITARY SEWER REPLACEMENT IN THE ALLEY BETWEEN FORD STREET AND N. HUBER ST
  - 5.3) **REVIEW AND APPROVAL:** CHANGE ORDER #3 WITH HR GREEN FOR THE DEDUCT OF \$-2,157.91 FOR THE JORDAN WELL #6 FOR RELOCATING THE UTILITY TRANSFORMER AND TREE PLANTINGS

- 5.4) **REVIEW AND APPROVAL:** CHANGE ORDER #4 WITH BOOMERANG FOR THE FIRE STATION ADDITION TO FIX TRENCH DRAINAGE TO REMAIN ON PROPERTY IN THE AMOUNT OF \$1,353.55
- 5.5) **REVIEW AND APPROVAL:** PAYMENT TO BOOMERANG CORPORATION FOR THE FIRE STATION ADDITION IN THE AMOUNT OF \$122,521.25
- 5.6) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR PROFESSIONAL SERVICE THROUGH APRIL 2022 FOR THE 3<sup>RD</sup> ST SIDEWALK EXTENSION IN THE AMOUNT OF \$5,474.50
- 5.7) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR PROFESSIONAL SERVICES THROUGH NOVEMBER 18, 2002 FOR SYCAMORE ST RESURFACING & ADA RAMPS IN THE AMOUNT OF \$984.34
- 5.8) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR PROFESSIONSL SERVICES THROUGH NOVEMBER 18, 2022 FOR THE SIDEWALK PROGRAM IN THE AMOUNT OF \$260.00
- 5.9) **REVIEW AND APPROVAL:** PAYMENT TO BOOMERANG CONSTRUCTION FOR SERVICES THROUGH NOVEMBER 27, 2022 FOR OLD DUBUQUE ROAD EXTENSION IN THE AMOUNT OF \$125,958.32
- 5.10) **REIVEW AND APPROVAL:** PAYMENT TO HR GREEN FOR SERVICES THROUGH NOVEMBER 25, 2022 FOR GIS SERVICES IN THE AMOUNT OF \$11,480.75
- 5.11) **REVIEW AND APPROVAL:** PAYMEBT TO ORIGIN DESIGNFOR DILLION MILITARY BRIDGE EVALUATION PROJECT IN THE AMOUNT OF \$870.00
- 5.12) **REVIEW AND APPROVAL:** PAYMENT TO MARTIN GARDNER ARCHITECTURE FOR THE POLICE STATION RENOVATION IN THE AMOUNT OF \$4,579.00
- 5.13) **REVIEW AND APPROVAL:** PAYMENT APP #1 TO DAVE’S COMPLETE CONSTRUCTION FOR POLICE STATION RENOVATIONS IN THE AMOUNT OF \$61,603.12
- 5.14) **REVIEW AND APPROVAL:** PAYMENT APP #4 TO EASTERN IOWAS EXCAVATING & CONCRETE LLC FOR BOOTH STREET WATER & STORM SEWER IMPROVEMENTS IN THE AMOUNT OF \$272,373.41
- 5.15) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR AMENDMENT #2 FOR JORDAN WELL #6 IN THE AMOUNT OF \$17,200.12
- 5.16) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR SOUTH BOOTH STREET WATER MAIN & STORM SEWER REPLACEMENT IN THE AMOUNT OF \$25,100.04
- 5.17) **REVIEW AND APPROVAL:** PAY APP #13 TO BOOMERANG FOR THE FIRE STATION IN THE AMOUNT OF \$122,521.25
- 5.18) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR FORD & N HUBER ALLEY AND SEWER REPLACEMENT IN THE AMOUNT OF \$7,380.00

5.19) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR AMENDMENT #2 JORDAN WELL #6 IN THE AMOUNT OF \$4,100.06

5.20) **REVIEW AND APPROVAL:** PAYMENT TO HR GREEN FOR S BOOTH STREET WATER MAIN & STORM SEWER REPLACEMENT FROM AMENDMENT #1 IN THE AMOUNT OF \$5,100.01

**6.0) NEW BUSINESS**

6.1) **DISCUSSION AND POSSIBLE ACTION:** TREES ON MAIN STREET

6.2) **RESOLUTION 2022-81:** ENGINEERING AGREEMENT WITH HR GREEN FOR HYPOCHLORITE IMPROVEMENTS AT THE WATER TREATMENT PLANT

6.3) **RESOLUTION 2022-82:** AGREEMENT TO PURCHASE ONE POLICE VEHICLE THE CURRENT FY 23 AND ORDER THE 2<sup>ND</sup> POLICE VEHICLE TO ARRIVE FOR FY24 WITH THE LEASE OF THE NECESSARY INSIDE AUGMENTATION TO COMPLY WITH THE JOB REQUIREMENTS

6.4) **RESULTUION 2022-83:** AGREEMENT TO PURCHASE UTILITY DEPARTMENT SLUDGE DUMP TRUCK

6.5) **RESOLUTION 2022-84:** AGREEMENT FOR FIRE DEPARTMENT TO PURCHASE A NEW FIRE TRUCK

6.6) **RESOLUTION 2022-85:** APPROVING AGREEMENT WITH DILIGENT FOR NEW SOFTWARE FOR COUNCIL PACKETS AND MINUTES NOT TO EXCEED \$7,000

6.7) **RESOLUTION 2022-86:** APPROVING AGREEMENT WITH MARTIN-GARDNER FOR PHASE 2 OF THE CDBG PROJECT FOR DOWNTOWN FAÇADE REVITALIZATION

6.8) **DISCUSSION AND POSSIBLE ACTION:** ACCEPTING OF VOLUNTEER FIREFIGHTER (POIRIER)

6.9) **DISCUSSION AND POSSIBLE ACTION:** PLANNING & ZONING APPOINTMENTS

6.10) **DISCUSSION AND POSSIBLE ACTION:** CITY COUNCIL MEETING LOCATION FOR 2023 AND CONTINUED USE OF ZOOM

6.11) **DISCUSSION AND POSSIBLE ACTION:** DESIGNATING THE JOURNAL-EUREKA THE OFFICIAL NEWS PAPER FOR ANAMOSA, IOWA FOR 2023

6.12) **REVIEW AND APPROVAL:** PAYMENT TO ACE CONTRACTING FOR REHAB PROGRAM UPGRADES AT 102 S SALES ST (FOWLER) IN THE AMOUNT OF \$10,926.90

6.13) **REVIEW AND APPROVAL:** RENEWAL OF LIQUOR LICENSE FOR AXE-CADE

6.14) **REVIEW AND APPROVAL:** THE BUDGET CALENDAR FOR THE FY24 BUDGET

6.15) **REVIEW AND APPROVAL** OF CURRENT BILLS

**7.0) CITY ADMINISTRATOR’S REPORT:**

**8.0) MAYOR AND COUNCIL REPORTS:**

8.1) MAYOR’S REPORT

8.2) COUNCIL REPORTS

**9.0) PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA**

**10.0) ADJOURNMENT**

## STATEMENT OF COUNCIL PROCEEDINGS

November 28, 2022

The City Council of the City of Anamosa met in Regular Session November 28, 2022, at the Anamosa Library and Learning Center and via Zoom at 6:00 p.m. with Mayor Rod Smith presiding. The following Council Members were present: Rich Crump, Jeff Stout, Alan Zumbach, Brooke Gombert, Teresa Tuetken, and Kay Smith. Also present were Michon Jackson, City Administrator/Clerk, Brandon Schrader, Deputy Clerk. Iowa Code Chapter 21, as interpreted, permits public meetings to be held electronically.

Mayor Rod Smith called the meeting to order at 6:00 p.m. Roll call was taken with a quorum present.

Pledge of Allegiance.

Motion by Crump, seconded by Zumbach to approve the agenda. Ayes: all. Nays: none. Motion carried.

Motion by Stout, seconded by Zumbach to approve the minutes of the November 14, 2022, Regular City Council meeting. Ayes: all. Nays: none. Motion carried.

Motion by Crump, seconded by Crump approving payment app #3 to Eastern Iowa Excavating for Booth Street Water & Storm Sewer improvements in the amount of \$203,234.70. Roll Vote: Ayes: All. Nays: none. Motion carried.

Motion by Stout, seconded by Zumbach to approve Ordinance 2022-956: amending chapter 69.13 of the ordinances of the city of Anamosa, Iowa concerning downtown parking regulations (2<sup>nd</sup> reading) Roll Vote: Ayes: Zumbach, Stout, Gombert, Crump, Tuetken, Smith. Nays: none. Motion carried.

Motion by Zumbach, seconded by Gombert to approve Ordinance 2022-957: amending ordinance No, 953 concerning vacant residential & commercial properties within the City of Anamosa & establishing a vacant building permit & inspection process— motion to waive operation of Iowa Code 380.3 and place the ordinance on its final passage for adoption extending it to July 2023. Roll Vote: Ayes: Zumbach, Stout, Gombert, Crump, Tuetken, Smith. Nays: none. Motion carried.

Motion by Zumbach, seconded by Gombert approving Resolution 2022-69: setting a date of December 12, 2022, for a public hearing on proposal to enter into a general obligation police vehicle acquisition lease/purchase agreement with payments thereunder in a principal amount not to exceed \$400,000. Roll vote: Ayes: Zumbach, Stout, Gombert, Crump, Smith, Tuetken, Smith Nays: none. Motion carried.

Motion by Crump, seconded by Smith approving Resolution 2022-77: setting a date of December 12, 2022, for public hearing on proposal to enter into general obligation utility department used sludge dump truck acquisition purchase agreement with an amount not to exceed \$50,000. Roll Vote: Ayes: Zumbach, Stout, Gombert, Crump, Tuetken, Smith. Nays: none. Motion carried.

Motion by Crump, seconded by Zumbach approving Resolution 2022-80: setting a date of December 12, 2022, for public hearing on proposal to enter into general obligation for the Fire Department to purchase a new Fire Truck with the amount not to exceed \$436,325.61. Roll Vote: Ayes: Zumbach, Stout, Gombert, Crump, Tuetken, Smith. Nays: none. Motion carried.

Motion by Zumbach, seconded by Crump approving Resolution 2022-78 hiring and setting of salary for current open Community Service Officer for the Police Department. Roll Vote: Ayes: Zumbach, Stout, Gombert, Stout, Smith. Nays: none. Motion carried.



Motion by Crump, seconded by Zumbach approving Resolution 2022-79: 28E agreement for the mutual aid fire protection in & surrounding Jones County, Iowa removing Center Junction. Roll Vote: Ayes: Zumbach, Stout, Gombert, Crump, Tuetken, Smith. Nays: none. Motion carried.

Motion by Smith, seconded by Tuetken to approve Hayden Hills Event Center. Ayes: all. Nays: none. Motion carried.

Motion by Smith, seconded by Zumbach to approve professional services agreement to HR Green for Cedar St & Huber St reconstruction & utility improvements from Ford St to Main St. Ayes: all. Nays: none. Motion carried.

Motion by Zumbach, seconded by Crump to approve the Annual Urban Renewal Report for Fiscal Year ending June 30, 2022. Ayes: all. Nays: none. Motion carried.

Motion by Smith, seconded by Crump to approve the Annual Financial Report for Fiscal Year ending June 30, 2022. Ayes: all. Nays: none. Motion carried.

Motion by Zumbach, seconded by Stout to approve the liquor license for Tyler & Downing Eatery. Ayes: all. Nays: none. Motion carried.

Motion by Smith, seconded by Stout to approve the Servpro mold clean-up for the Lawrence Community Center. Ayes: all. Nays: none. Motion carried.

Motion by Crump, seconded by Zumbach approving current bills. Ayes: all. Nays: none. Motion carried.

Meeting adjourned at 6:58 PM.

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Rod Smith, Mayor

ATTEST:

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Brandon Schrader, Deputy City Clerk

STATEMENT OF COUNCIL PROCEEDINGS

December 7, 2022

The City Council of the City of Anamosa met in Special Session December 7, 2022, at the Anamosa Library and Learning Center. The following Council Members were present: Rich Crump, Jeff Stout, Kay Smith and Teresa Tuetken. Absent: Rod Smith, Alan Zumbach and Brooke Gombert. Also present were Michon Jackson, City Administrator/Clerk, Penny Lode, Deputy Treasurer, and Patrick O'Connell, City Attorney.

The meeting to order at 5:30 p.m. Roll call was taken with a quorum present.

Special Session was conducted with Council refresher training with City Attorney Patrick O'Connell.

Meeting adjourned at 6:25 pm.

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Michon Jackson, City Administrator/Clerk

ATTEST:

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Penny K. Lode, Deputy Treasurer

STATEMENT OF COUNCIL PROCEEDINGS  
December 14, 2022

The City Council of the City of Anamosa met in Special Session December 14, 2022, at the Anamosa Library and Learning Center and via Zoom at 5:30 p.m. with Mayor Rod Smith presiding. The following Council Members were present: Rich Crump, Jeff Stout, Kay Smith, and Teresa Tuetken. Absent: Alan Zumbach, Brooke Gombert. Also present were Michon Jackson, City Administrator/Clerk. Iowa Code Chapter 21, as interpreted, permits public meetings to be held electronically.

Mayor Rod Smith called the meeting to order at 5:30 p.m. Roll call was taken with a quorum present.

Motion by Smith, seconded by Stout to approve the agenda. Ayes: all. Nays: none. Motion carried.

Motion by Crump, seconded by Smith approving current bills. Ayes: all. Nays: none. Motion carried.

Meeting adjourned at 5:35 pm.

\_\_\_\_\_  
Rod Smith, Mayor

ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/City Clerk

**ORDINANCE NO. 2022-956**

**AN ORDINANCE AMENDING CHAPTER 69.13 OF THE ORDINANCES OF THE CITY OF ANAMOSA, IOWA CONCERNING DOWNTOWN PARKING REGULATIONS**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ANAMOSA, IOWA:**

**Section 1. Purpose.** The purpose of this Ordinance is to amend Chapter 69.13 to prohibit parking near the intersections of N. High Street and W. Main Street and near the intersections of Jackson Street and W. Main Street.

**Section 2. Amendment.** Chapter 69.13 of the Code of Ordinances of the City of Anamosa, Iowa is amended to add the following new paragraph:

11. No parking on N. High Street within 50 feet of intersection of N. High Street and W. Main Street or on Jackson Street within 50 feet of the intersection of Jackson Street and West Main Street.

**Section 3. Repealer.** All other sections of this Ordinance in conflict with these provisions shall be repealed.

**Section 4. Severability.** If any section, provisions or part of this Ordinance shall be adjudged invalid or unconstitutional, such adjudication shall have no effect on the validity of the Ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

**Section 5. Effective Date.** This Ordinance shall be in full force and effect from and after its adoption and publication as provided by law.

READING 1: 11/14/22

READING 2: 11/28/22

READING 3: 12/12/22

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**Rod Smith, Mayor**

**Attest:** \_\_\_\_\_  
**Michon Jackson, Administrator/Clerk**

**ADOPTED:**



**HR GREEN, INC.**  
**PROFESSIONAL SERVICES AGREEMENT AMENDMENT NO. 2**

THIS AMENDMENT, made this 12<sup>th</sup> day of December, 2022 by and between, City of Anamosa the CLIENT, and HR GREEN, INC. (hereafter "COMPANY"), for professional services concerning:

Sanitary Sewer Replacement - Alley between Ford Street and N. Huber Street

hereby amends the original Professional Services Agreement dated March 29, 2022 as follows:

The CLIENT and COMPANY agree to amend the Scope of Services of the original Professional Services Agreement and previous amendments as follows:

**PHASE 3: CONSTRUCTION PHASE SERVICES**

The following Work Approach for Construction Phase Services described herein identifies the specific services to be provided by COMPANY.

**Construction Administration**

1. Provide on-going project management for the duration of the construction phase of the project. Based on recent similar projects, construction of this project is anticipated to take 6-8 months from award to final completion. This schedule may change based on the start date of construction.
2. Coordinate a preconstruction meeting after award of construction contract for CLIENT, Contractor, subcontractors, and utility companies. COMPANY's Resident Observer will prepare and distribute meeting minutes to all participants.
3. Review and respond to contractor requests for clarification and recommend action on Contractor initiated claims.
4. Issue necessary interpretations and clarifications of the contract documents, and in connection therewith, prepare change orders as required. Evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor. Any substitutions shall first be approved by CLIENT.
5. Review Contractor's construction schedule and monthly updates for general compliance with the intent of the Contract Documents.
6. Review shop drawings, samples, and other data which the Contractor is required to submit, for conformance with design concept of the Project and conformance with the information given in the contract documents. Such review shall not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto.
7. Participate in regular (monthly) progress meetings conducted by the COMPANY's Resident Observer and Contractor. A total of 6 progress meetings are included.
8. Consult with and advise CLIENT and act as CLIENT's representative. All of CLIENT's instructions to the Contractor will be issued through COMPANY, who will have the authority to act on behalf of CLIENT. COMPANY shall not act on CLIENT's behalf without securing actual authority from CLIENT's representative prior to taking such action.
9. Keep CLIENT informed of the progress and quality of the work and shall use reasonable care to inform CLIENT of defects and deficiencies in the Contractor's work and of the Contractor's failure to carry out the work in accordance with the intent of the construction documents and the construction schedule.
10. Consult with CLIENT regarding the status of the work and partial payments due to the Contractor. Such recommendations of payment will constitute a representation to CLIENT,

based on such observations and review, that the work has progressed to the point indicated, and that, to the best of COMPANY's knowledge, information and belief, quality of such work is generally in accordance with the contract documents. In the case of unit price work, COMPANY's recommendation of payment will include determinations of quantities and classifications of such work.

11. Prepare record drawings showing any changes made during construction, based on the marked-up drawings and other data furnished by the Contractor to COMPANY and which the COMPANY considers significant. Provide CLIENT with up to three paper copies and an electronic copy in .pdf format of the record drawings.

### **Resident Observation**

COMPANY will provide one part-time Resident Observer as necessary throughout the construction period. Should the construction period extend beyond the specified time frame, the Resident Observer services shall be subject to negotiation.

1. During the period of construction, COMPANY shall make periodic visits to the site at intervals appropriate to the various stages of construction as COMPANY deems appropriate. The purpose of these visits shall be to observe the site and work, to familiarize COMPANY with the progress and quality of the work, and to determine for CLIENT's benefit and protection if the work is proceeding in accordance with the intent of the contract documents and construction schedule. Such visits and observation are not intended to be an exhaustive check or a detailed inspection of the Contractor's work.
2. Up to 72 hours (4 hours per trip for 18 weeks on average) are anticipated and budgeted for part-time resident observation by COMPANY.
3. COMPANY shall not supervise, direct, or have control over the Contractor's work, nor shall COMPANY have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor, for safety precautions and programs incident to the work or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes, or orders applicable to the Contractor furnishing and performing his work.
4. COMPANY can neither guarantee the performance of the construction contract by the Contractor nor assume responsibility for the Contractor's failure to furnish and perform his work in accordance with the contract documents. COMPANY may disapprove of or reject the Contractor's work while it is in progress if COMPANY believes that such work will not produce a completed Project that conforms generally to the contract documents or that it will prejudice the integrity of the design concept of the Project as reflected in the contract documents. COMPANY will document Contractor deficiencies verbally and in writing to the Contractor.
5. COMPANY will prepare site visit logs, take photos, and prepare monthly status reports to document the progress of the work.
6. COMPANY will evaluate materials testing reports by third-party laboratories.
7. COMPANY will prepare punch lists, conduct a final inspection, review contract closeout documentation, and recommend final payment to close out the construction contract.

If the CLIENT desires more extensive project observation or full-time project representation, CLIENT shall request that such services be provided by COMPANY as additional services in accordance with the terms of this agreement.

COMPANY Project Number: 220479



The CLIENT and COMPANY agree to amend other provisions of the original Professional Services Agreement and previous amendments as follows:

Additional engineering services related to holding a second public meeting with homeowners in December 2022 (first public meeting was held with CLIENT and COMPANY in October 2022).

In consideration for these services, the CLIENT AGREES to adjust the payment for services performed by COMPANY on the following basis:

☒ Time and materials not to exceed Thirty-One Thousand Six Hundred Dollars (\$31,600.00)

THIS AMENDMENT is subject to all provisions of the original Professional Services Agreement.

THIS AMENDMENT, together with the original Professional Services Agreement and all previous amendments represents the entire and integrated AGREEMENT between the CLIENT and COMPANY.

THIS AMENDMENT executed the day and year written above.

CITY OF ANAMOSA

HR GREEN, INC.

By: Rod Smith, Mayor



By: Andrew Marsh, PE, Vice President

## CERTIFICATION

Jordan Well No. 6 – Bid Package 2: Well Equipment and Pipeline  
Anamosa, Iowa

Change Order No. 3

ANAMOSA, IOWA  
April 7, 2022

	I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.
	 <span style="float: right;">Date: <u>4/7/22</u></span>
	_____ JOSHUA A. SCANLON, P.E.
	License No. 22550
	My renewal date is December 31, 2023
	Pages or sheets covered by this seal: <b>Entire Change Order No. 3</b>
	_____ _____

HR Green, Inc.  
8710 Earhart Lane SW  
Cedar Rapids, IA 52404  
Phone: (319) 841-4000  
Fax: (319) 841-4012





## CHANGE ORDER

HR Green, Inc.  
8710 Earhart Lane S.W.  
Cedar Rapids, IA 52404  
(319) 841-4000 FAX (319)841-4012

Distribution:

Owner X  
Engineer X  
Contractor X  
Field \_\_\_\_\_  
Other \_\_\_\_\_

PROJECT: Jordan Well No. 6 Bid Package 2: Well Equipment and Pipeline	Change Order No.	3
	Date	April 7, 2021
To Contractor: Boomerang Corp. 13225 Circle Drive, Suite A PO Box 227 Anamosa, IA 52205	Project No.	190261
	Original Contract Date	September 13, 2021
This Change Order includes relocating the utility transformer and shifting the tree plantings as shown on the attached Drawings to comply with updated and current Iowa DNR separation requirements. The change results in a deduct of \$2,157.91.		
The original Contract Sum was		\$1,271,000.00
Net change by previously authorized Change Orders		(\$65,638.51)
The Contract Sum prior to this Change Order was		\$1,205,331.49
The Contract Sum will be decreased by this Change Order in the amount of		(\$2,157.81)
The new Contract Sum including this Change order will be		\$1,203,173.58
The Contract Time will be increased by		0 days
The date of Substantial Completion as of the date of this Change Order therefore is		August 7, 2022
The date of Final Completion as of the date of this Change Order therefore is		October 9, 2022

NOT VALID UNTIL SIGNED BY THE CONTRACTOR, OWNER'S REPRESENTATIVE, if applicable, AND OWNER		
Contractor Boomerang Corp.	Owner's Representative HR Green, Inc.	Owner City of Anamosa
By	By	By
Date: 4-7-2022	Date: 4/7/2022	Date: 12-6-22



▷ 8710 Earhart Lane SW | Cedar Rapids, IA 52404  
Main 319.841.4000 + Fax 319.841.4012

▷ [HRGREEN.COM](http://HRGREEN.COM)

April 8, 2022

Jeremiah Hoyt  
City Administrator  
City of Anamosa  
107 S. Ford Street  
Anamosa, IA 52205

Re: Anamosa, IA – Jordan Well 6, Bid Package 2- Change Order No. 3

Dear Jeremiah,

Attached is Change Order No. 3 for the above-referenced project. Due to recent regulatory changes with the Iowa DNR, the utility transformer was shifted closer to the wellhouse building while maintaining the required setback distance to the wellhead. This change provides a cost savings for the project, see attached Change Order from Boomerang Corp. We have reviewed the Change Order proposal and recommend proceeding with the change for the cost reduction as identified.

Sincerely,

**HR GREEN, INC**

A handwritten signature in blue ink that reads "Josh Scanlon".

**Josh Scanlon, PE**  
Project Manager

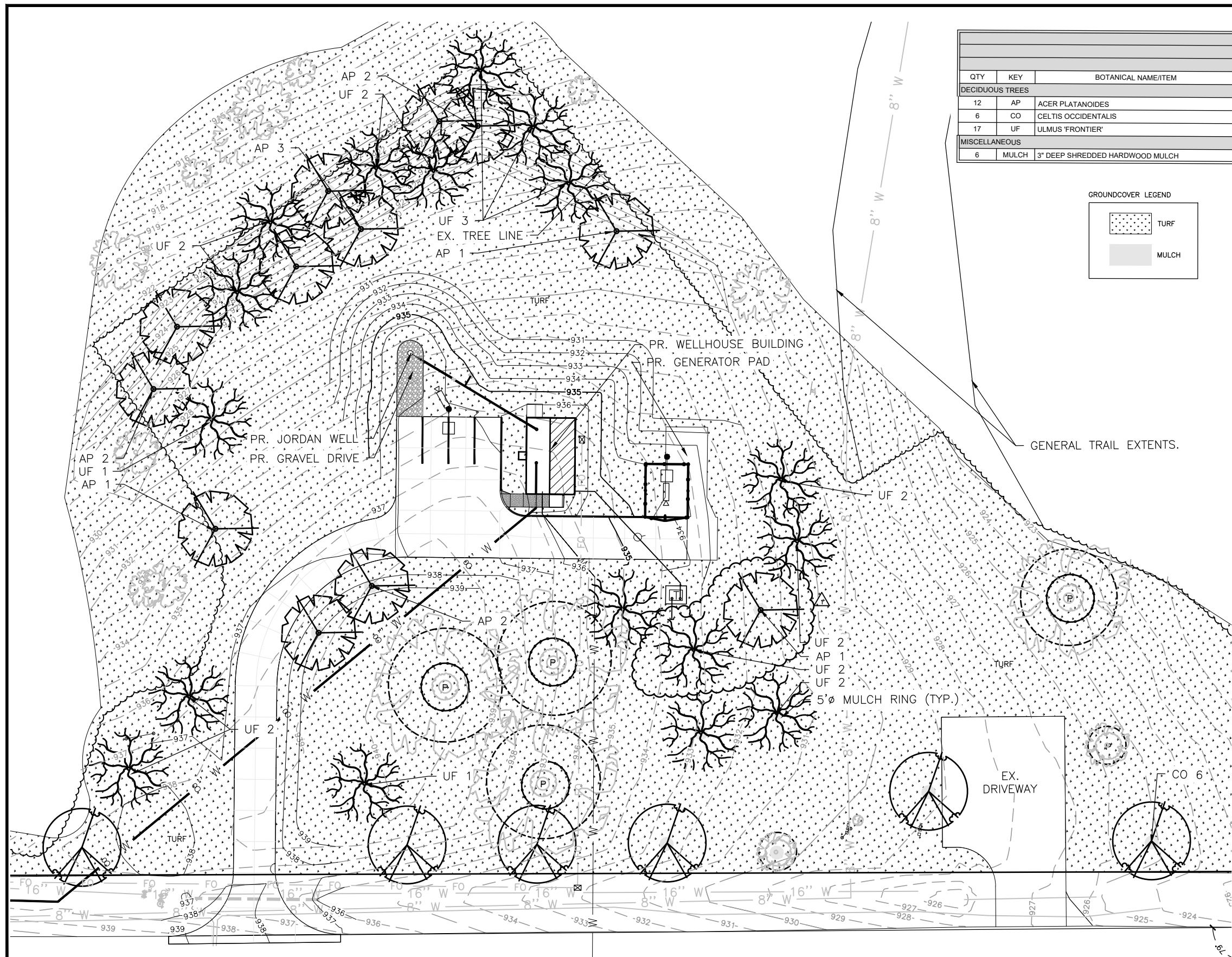
J:\2019\190261\Construction\Change\_Management\Change\_Orders\BP2\CO-03\ltr-20220408-Jordan\_Well\_6-BP\_2-Change\_Order\_3.docx



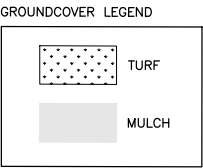








JORDAN WELL - ANAMOSA, IOWA						
April 2, 2021						
MATERIALS SCHEDULE						
QTY	KEY	BOTANICAL NAME/ITEM	COMMON NAME	SIZE	COND	REMARKS
DECIDUOUS TREES						
12	AP	ACER PLATANOIDES	NORWAY MAPLE	2.5" CAL.	B&B	CENTRAL LEADER; MATCHED
6	CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	2.5" CAL.	B&B	CENTRAL LEADER; MATCHED
17	UF	ULMUS 'FRONTIER'	FRONTIER ELM	2.5" CAL.	B&B	CENTRAL LEADER; MATCHED
MISCELLANEOUS						
6	MULCH	3" DEEP SHREDDED HARDWOOD MULCH		CY		



SITE CALCULATIONS		
TOTAL SITE AREA:	+/- 93,568 SF.	+/- 2.15 AC.
NUMBER OF REGULAR PARKING STALLS:	N/A	
NUMBER OF HANDICAP PARKING STALLS:	N/A	
TOTAL NUMBER OF STALLS:	N/A	
ORDINANCE LANDSCAPE REQUIREMENTS		
EIGHT (8) YARD TREES SHALL BE REQUIRED PER ACRE OF USABLE OPEN SPACE.		
CALCULATION: 2.15 X 8 TREES = 17 TREES		
MATERIAL	REQUIRED	PROVIDED
TREES	17	35 (COUNT EXCLUDES PRESERVED TREES)

- LANDSCAPING NOTES:
- ALL PLANTINGS SHALL BE PROVIDED IN ACCORDANCE WITH SUDAS SECTION 9030. PROVIDE WARRANTY WITH ALL PLANTINGS.
  - COORDINATE FINAL PLANTING LOCATIONS WITH OWNER/ENGINEER.

1 LANDSCAPE PLAN

SCALE: 1" = 20'-0"

N. WILLIAMS ST.

DRAWN BY: CAL

JOB DATE: 2021

APPROVED: DLR

JOB NUMBER: 190261

CAD DATE: 4/1/2021 2:44:45 PM

CAD FILE: J:\2019\190261\CAD\Drawings\L.L.03 LANDSCAPE NOTES.dwg

BAR IS ONE INCH ON OFFICIAL DRAWINGS.  
0" 1"  
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION
1	4/5/2022	JAS	CHANGE ORDER 3

H2G

H2Green.com

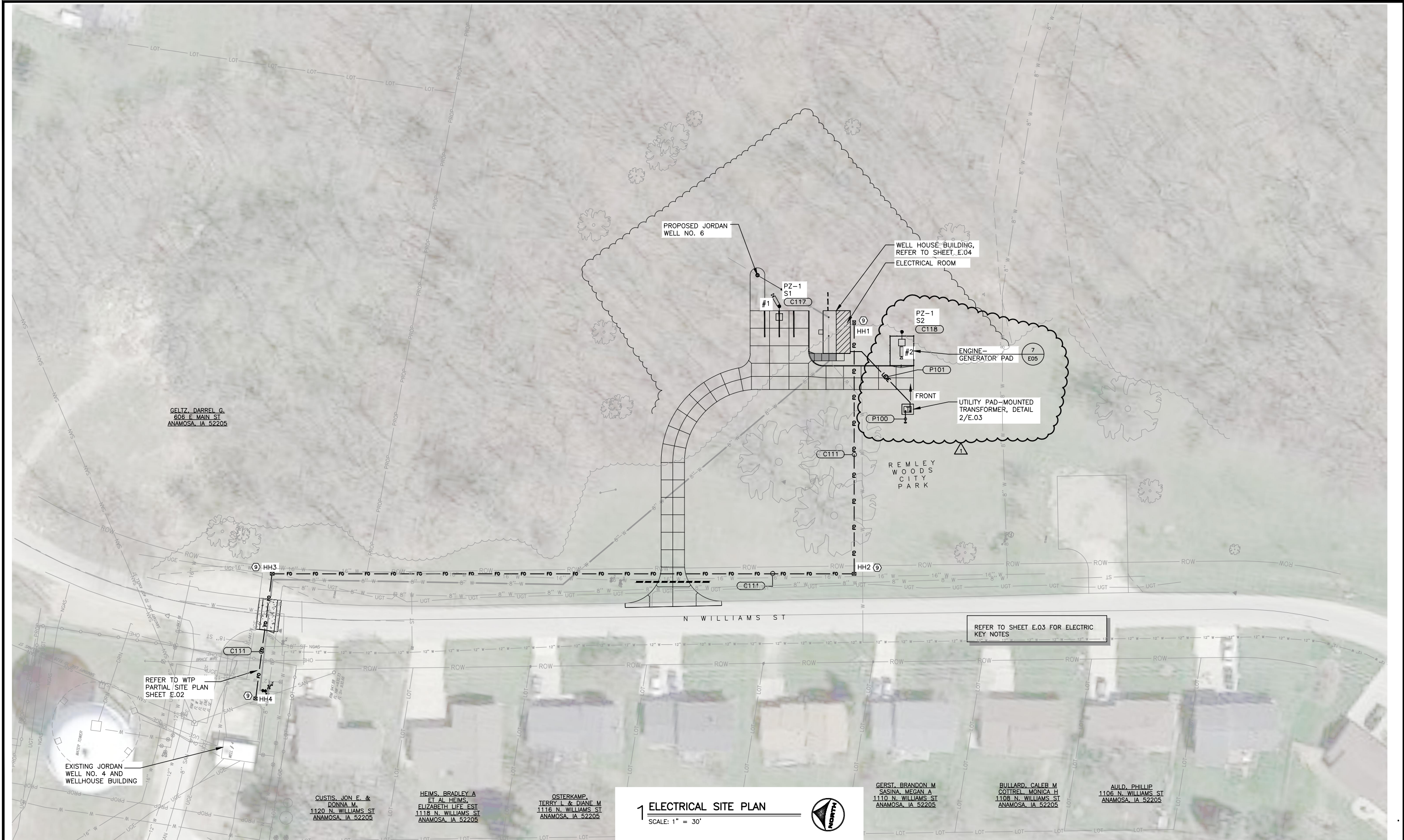
JORDAN WELL NO. 6  
BID PACKAGE 2: WELL EQUIPMENT AND PIPELINE  
ANAMOSA, IOWA

L - LANDSCAPING  
LANDSCAPE PLAN

SHEET NO.  
L.02



Xrefs: cxx-0-ASRUAL; xgt-1-gh01; cxx-0-base-WTP; cxx-0-base; cxx-0-base-WTP; cxx-0-limits; xc-1-align; xc-0-dsgn; cxx-0-cont-GIS; xc-0-dsgn



DRAWN BY: JLH  
APPROVED: CJH  
CAD DATE: 4/7/2022 9:32:38 AM  
CAD FILE: J:\2019\190261\CAD\Draws\BP2\E\E.01 ELECTRICAL SITE PLAN.dwg

JOB DATE: 2021  
JOB NUMBER: 190261

BAR IS ONE INCH ON OFFICIAL DRAWINGS.  
IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

NO.	DATE	BY	REVISION DESCRIPTION
1	4/5/2022	JAS	CHANGE ORDER 3



JORDAN WELL NO. 6  
BID PACKAGE 2: WELL EQUIPMENT AND PIPELINE  
ANAMOSA, IOWA

E - ELECTRICAL  
ELECTRICAL SITE PLAN

SHEET NO.  
E.01

# BOOMERANG

# Request for Change

13225 Circle Drive Suite A  
PO Box 227  
Anamosa, IA 52205

RFC Number: 4  
Date: 06/16/2022

**Regarding:**

Kraus had to remove and replace the trench drain so Jansen could erect the steel building safely.

**To:****Job Site:**

Anamosa Fire Station Addition  
107 S. Ford Street  
Anamosa, IA 52205

**Requested By:**

Jeremy Dolder

**Phone:**

(319) 462-4435

**E-mail:**

jeremyd@boomerangcorp.com

**Recipients:****Phone:****E-mail:****Requested Change:**

	U/M	Qty	Unit Price	Change to Contract
Kraus	EA	1.0	1,230.50	1,230.50
Boomerang	EA	1.0	123.05	123.05

**RFC Total**

**\$1,353.55**

Please respond by: 06/16/2022

Jeremy Dolder  
Boomerang Corp.



# APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER: City of Anamosa

PROJECT: Anamosa Fire Station

APPLICATION NO: 13

PERIOD TO: 11/30/2022

PROJECT NOS:

CONTRACT DATE:

**FROM CONTRACTOR:**

Boomerang Corp  
PO Box 227  
Anamosa, Iowa 52205

**VIA ENGINEER:**

Shive-Hattery  
Ron Hinds

## CONTRACTOR'S APPLICATION FOR PAYMENT

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

1. ORIGINAL CONTRACT SUM	.....	\$	760,800.00
2. Net change by Change Orders	.....	\$	48,727.74
3. CONTRACT SUM TO DATE (Line 1 + 2)	.....	\$	809,527.74
4. TOTAL COMPLETED & STORED TO DATE	.....	\$	800,732.74
5. RETAINAGE:			
a. 5% of Work Completed	.....	\$	40,036.64
(Columns D + E on Continuation Sheet)			
b. <u>  5  </u> % of Stored Material	.....		
(Column F on Continuation Sheet)			
Total Retainage (Line 5a + 5b )	.....	\$	40,036.64
(Total in Column I on Continuation Sheet)			
6. TOTAL EARNED LESS RETAINAGE	.....	\$	760,696.10
(Line 4 less Line 5 Total)			
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....		\$	638,174.85
(Line 6 from prior Certificate)			
8. CURRENT PAYMENT DUE	.....	\$	122,521.25
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....		\$	48,831.64
(Line 3 less Line 6)			

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.

CONTRACTOR:

By: Samuel Buckley

Date: 12/01/22

## ENGINEER'S CERTIFICATE FOR PAYMENT

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

AMOUNT CERTIFIED..... \$

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

ENGINEER:

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

Date: \_\_\_\_\_

OWNER'S APPROVAL:

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

Date: \_\_\_\_\_





# CONTINUATION SHEET

CERTIFICATE FOR PAYMENT,  
signed Certification, is attached.

units are stated to the nearest dollar.

variable retainage for line items may apply.

APPLICATION NO: 13  
APPLICATION DATE:  
PERIOD TO: 11/30/2022  
ENGINEER'S PROJECT NO.:

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G		H Balance to Finish (C - G)	I Retainage (if Variable Rate)
			From Previous Application (D + E)	This Period		Total Completed & Stored to Date (D + E + F)	% (G/C)		
1	<b>General Requirements</b>								
	Bonds / Permits / Insurance	\$ 52,000.00	\$ 52,000.00	\$ -	\$ -	\$ 52,000.00	100%	\$ -	\$ 2,600.00
	Administrative Requirements	\$ 15,000.00	\$ 14,000.00	\$ 850.00	\$ -	\$ 14,850.00	99%	\$ 150.00	\$ 742.50
	Mobilize in	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
	Temporary Facilities and Controls	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
	Testing	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
2	<b>Existing Conditions</b>								
	Strip Topsoil	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00	100%	\$ -	\$ 250.00
	Excavate for Footings	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
	Import Fill	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	100%	\$ -	\$ 500.00
	Erosion Control	\$ 3,500.00	\$ 3,500.00	\$ -	\$ -	\$ 3,500.00	100%	\$ -	\$ 175.00
3	<b>Concrete</b>								
	Cast-In-Place Concrete	\$ 232,758.00	\$ 232,758.00	\$ -	\$ -	\$ 232,758.00	100%	\$ -	\$ 11,637.90
	7" PCC Parking Lot	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
7	<b>Thermal and Moisture Protection</b> Included in Concrete and Special Construction								
8	<b>Openings</b>								
	Hollow Metal Doors and Frames	\$ 6,500.00	\$ 6,500.00	\$ -	\$ -	\$ 6,500.00	100%	\$ -	\$ 325.00
	Sectional Doors	\$ 21,992.00	\$ -	\$ 21,992.00	\$ -	\$ 21,992.00	100%	\$ -	\$ 1,099.60
	Aluminum Windows	\$ 2,100.00	\$ 2,100.00	\$ -	\$ -	\$ 2,100.00	100%	\$ -	\$ 105.00
	Door Hardware	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
9	<b>Finishes</b>								
	Painting and Coating	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,000.00	\$ -
13	<b>Special Construction</b>								
	Metal Building Systems submittals and engineering	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	100%	\$ -	\$ 2,500.00
	Metal Building Fabrication	\$ 104,000.00	\$ 104,000.00	\$ -	\$ -	\$ 104,000.00	100%	\$ -	\$ 5,200.00
	Building delivery and Labor	\$ 33,000.00	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00	100%	\$ -	\$ 1,650.00
22	<b>Plumbing</b>								
	Materials	\$ 24,000.00	\$ 24,000.00	\$ -	\$ -	\$ 24,000.00	100%	\$ -	\$ 1,200.00
	Labor	\$ 8,450.00	\$ 7,605.00	\$ -	\$ -	\$ 7,605.00	90%	\$ 845.00	\$ 380.25
23	<b>Heating, Ventilating, and Air-Conditioning (HVAC)</b>								
	HVAC Equipment	\$ 40,000.00	\$ 16,000.00	\$ 24,000.00	\$ -	\$ 40,000.00	100%	\$ -	\$ 2,000.00
	Labor	\$ 22,000.00	\$ -	\$ 19,800.00	\$ -	\$ 19,800.00	90%	\$ 2,200.00	\$ 990.00



CERTIFICATE FOR PAYMENT,  
signed Certification, is attached.

APPLICATION DATE:  
PERIOD TO: 11/30/2022  
ENGINEER'S PROJECT NO.:

units are stated to the nearest dollar.  
variable retainage for line items may apply.

A Item No.	B Description of Work	C Scheduled Value	D Work Completed		F Materials Presently Stored (not in D or E)	G		H Balance to Finish (C - G)	I Retainage (If Variable Rate)
			From Previous Application (D + E)	This Period		Total Completed & Stored to Date (D + E + F)	% (G/C)		
23	Electrical								
	Labor	\$ 18,000.00	\$ 13,500.00	\$ 2,700.00	\$ -	\$ 16,200.00	90%	\$ 1,800.00	\$ 810.00
	Gear	\$ 10,000.00	\$ 8,000.00	\$ 2,000.00	\$ -	\$ 10,000.00	100%	\$ -	\$ 500.00
	Lighting materials	\$ 11,500.00	\$ 11,500.00	\$ -	\$ -	\$ 11,500.00	100%	\$ -	\$ 575.00
	Equipment	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 2,000.00	100%	\$ -	\$ 100.00
	Pipe/ Wire	\$ 17,500.00	\$ 10,500.00	\$ 7,000.00	\$ -	\$ 17,500.00	100%	\$ -	\$ 875.00
	Underground	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	100%	\$ -	\$ 100.00
	Misc. Material	\$ 3,000.00	\$ 1,800.00	\$ 900.00	\$ -	\$ 2,700.00	90%	\$ 300.00	\$ 135.00
	Trim Out	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 1,500.00	\$ -
	Change Orders								
CO2	Lift Station	\$ 24,451.00	\$ -	\$ 24,451.00	\$ -	\$ 24,451.00	100%	\$ -	\$ 1,222.55
CO3	ADS Field Tile	\$ 16,032.19	\$ -	\$ 16,032.19	\$ -	\$ 16,032.19	100%	\$ -	\$ 801.61
CO4	Backwater Valve	\$ 6,891.00	\$ -	\$ 6,891.00	\$ -	\$ 6,891.00	100%	\$ -	\$ 344.55
CO5	Trench Drain	\$ 1,353.55	\$ -	\$ 1,353.55	\$ -	\$ 1,353.55	100%	\$ -	\$ 67.68
		\$609,527.74	\$671,763.00	\$128,969.74	\$0.00	\$800,732.74		\$8,795.00	\$40,036.64





Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Jeremiah Hoyt  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

April 28, 2022  
Project No: 220390  
Invoice No: 152149  
**Invoice Total: \$5,474.50**

Project 220390 Anamosa, IA - 3rd St Sidewalk Extension  
Anamosa 3rd St Sidewalk Extension  
Schematic Design & Funding Assistance  
Shaw Road to Deerwood Dr

**Professional Services Through April 22, 2022**

Phase A Project Management and Administration

**Professional Personnel**

	Hours	Amount	
Professional	4.00	520.00	
Admin Coordinator	.25	25.00	
Totals	4.25	545.00	
<b>Total Labor</b>			<b>545.00</b>

**Unit Charges**

Technology & Communication Charge	19.50	
<b>Total Unit Charges</b>	<b>19.50</b>	<b>19.50</b>

**Total this Phase \$564.50**

Phase C Concept Design - Preliminary Plan Preparation

**Professional Personnel**

	Hours	Amount	
Professional	14.50	1,885.00	
Junior Professional	26.00	2,782.00	
Totals	40.50	4,667.00	
<b>Total Labor</b>			<b>4,667.00</b>

**Unit Charges**

Technology & Communication Charge	243.00	
<b>Total Unit Charges</b>	<b>243.00</b>	<b>243.00</b>

**Total this Phase \$4,910.00**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	5,474.50	0.00	5,474.50
Limit			19,900.00
Remaining			14,425.50
<b>Total this Invoice</b>			<b>\$5,474.50</b>



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
1124 N. Williams  
Anamosa, IA 52205-1841

November 25, 2022  
Project No: 201647  
Invoice No: 158047  
**Invoice Total: \$984.34**

Project 201647 Anamosa, IA - Sycamore St. Resurfacing & ADA Ramps  
Includes Amendment No. 1, 2

**Professional Services Through November 18, 2022**

Phase B Construction Phase Services

**Professional Personnel**

	Hours	Amount	
Professional	6.00	840.00	
Senior Field Personnel	1.00	131.00	
Totals	7.00	971.00	
<b>Total Labor</b>			<b>971.00</b>

**Unit Charges**

Mileage 0.580	13.34	
<b>Total Unit Charges</b>	<b>13.34</b>	<b>13.34</b>

**Total this Phase \$984.34**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	984.34	66,814.31	67,798.65
Limit			79,700.00
Remaining			11,901.35

**Total this Invoice \$984.34**



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

November 25, 2022  
Project No: 220501  
Invoice No: 158048  
**Invoice Total: \$260.00**

Project 220501 Anamosa, IA - Sidewalk Program

Anamosa - 2022 Sidewalk Program

Professional Services Through November 18, 2022

Phase 1 Program Management and Administration

**Professional Personnel**

	Hours	Amount	
Professional	2.00	260.00	
Totals	2.00	260.00	
<b>Total Labor</b>			<b>260.00</b>
<b>Total this Phase</b>			<b>\$260.00</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	260.00	5,976.00	6,236.00
Limit			31,800.00
Remaining			25,564.00
<b>Total this Invoice</b>			<b>\$260.00</b>



## APPLICATION FOR PARTIAL PAYMENT NO. 4

PROJECT: Old Dubuque Road Extension  
OWNER: City of Anamosa  
CONTRACTOR: Boomerang Construction  
ADDRESS: 13225 Circle Drive, Suite A  
Anamosa, IA 52205  
DATE: November 28, 2022

S&A PROJECT NO.: 120.0620.08  
DOT PROJECT NO.: STBG-SWAP-0165(606)--SG-53

START DATE:  
PAYMENT PERIOD: October 31, 2022 - November 27, 2022

### 1. CONTRACT SUMMARY:

Original Contract Amount: \$ 2,157,477.67  
Net Change by Change Order: \$ 54,699.89  
Contract Amount to Date: \$ 2,212,177.56

#### CONTRACT PERIOD:

Original Contract Date: June 13, 2022  
Notice to Proceed Issued: September 6, 2022  
Working Days Assigned: 120  
Working Days Added by Change Order:  
Total Contract Working Days: 120  
Total Working Days Used: 50.5  
% Contract Complete: 42.1%

### 2. WORK SUMMARY:

Work Performed This Period: \$ 129,864.25  
Retainage: 3% (maximum of \$30,000) \$ 3,895.93  
Subtotal This Period \$ 125,968.32  
AMOUNT DUE THIS APPLICATION: \$ 125,968.32

Total Work Performed to Date: \$ 523,247.86  
Retainage: 3% \$ 15,697.44  
Total Earned Less Retainage: \$ 507,550.42

#### Payment Summary

Pay Application #1 \$ 14,647.00  
Pay Application #2 \$ 214,126.62  
Pay Application #3 \$ 152,808.48  
Pay Application #4  
Pay Application #5  
Pay Application #6  
Total \$ 381,582.10

### 3. CONTRACTOR'S CERTIFICATION:

The undersigned CONTRACTOR certifies that:

(1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of CONTRACTOR incurred in connection with the Work covered by prior Applications for  
(2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this application for Payment are free and clear of all liens, claims, security interests and encumbrances.

Boomerang Construction  
CONTRACTOR

By Matt Beckman DATE: 11/30/2022

### 4. ENGINEER'S APPROVAL:

Payment of the above AMOUNT DUE THIS APPLICATION is recommended:

Snyder & Associates, Inc.  
ENGINEER

By Cathy Jensen DATE: 11-30-22

### 5. OWNER'S APPROVAL

City of Anamosa  
OWNER

By \_\_\_\_\_ DATE: \_\_\_\_\_

6. DETAILED ESTIMATE OF WORK COMPLETED:

BID ITEM NO.	BID ITEM CODE	DESCRIPTION	CONTRACT ITEMS				COMPLETED WORK TO DATE		COMPLETED WORK THIS PERIOD		PERCENT COMPLETE THIS PERIOD	PERCENT COMPLETE TO DATE
			QUANTITY	UNIT	UNIT COST	TOTAL COST	QUANTITY	COST	QUANTITY	COST		
10	2101-0850002	CLEARING AND GRUBBING	11.60	UNIT	\$ 36.00	\$ 417.60	0.00	\$ -		\$ -	0.00%	0.00%
20	2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED	22,781.00	CY	\$ 3.00	\$ 68,343.00	16,629.00	\$ 49,887.00		\$ -	0.00%	73.00%
30	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	12,757.00	CY	\$ 3.00	\$ 38,271.00	11,476.00	\$ 34,428.00		\$ -	0.00%	89.96%
40	2102-4560000	LOCATING TILE LINES	21.40	STA	\$ 70.00	\$ 1,498.00	0.00	\$ -		\$ -	0.00%	0.00%
50	2105-8425015	TOPSOIL STRIP, SALVAGE, AND SPREAD	13,024.00	CY	\$ 6.00	\$ 78,144.00	3,242.00	\$ 19,452.00		\$ -	0.00%	24.89%
60	2107-0875100	COMPACTION WITH MOISTURE CONTROL	32,594.00	CY	\$ 1.00	\$ 32,594.00	23,155.00	\$ 23,155.00		\$ -	0.00%	71.04%
70	2115-0100000	MODIFIED SUBBASE	2,167.00	CY	\$ 34.00	\$ 73,678.00	0.00	\$ -		\$ -	0.00%	0.00%
80	2123-7450020	EARTH SHOULDER FINISHING	57.78	STA	\$ 300.00	\$ 17,334.00	0.00	\$ -		\$ -	0.00%	0.00%
90	2213-7100400	RELOCATION OF MAIL BOXES	3.00	EACH	\$ 300.00	\$ 900.00	0.00	\$ -		\$ -	0.00%	0.00%
100	2301-1033060	STD OR SLIP FORM PCC PAVEMENT, CLASS C CLASS 3, 6 INCH	502.40	SY	\$ 49.00	\$ 24,617.60	0.00	\$ -		\$ -	0.00%	0.00%
110	2301-1033080	STD OR SLIP FORM PCC PAVEMENT, CLASS C CLASS 3, 8 INCH	11,032.60	SY	\$ 55.00	\$ 606,793.00	0.00	\$ -		\$ -	0.00%	0.00%
120	2301-4875004	MEDIAN, PCC, 4 INCH, COLORED	302.50	SY	\$ 65.00	\$ 19,662.50	0.00	\$ -		\$ -	0.00%	0.00%
130	2301-6911722	PCC PAVEMENT SAMPLES	1.00	LS	\$ 1,000.00	\$ 1,000.00	0.00	\$ -		\$ -	0.00%	0.00%
140	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	5.00	TON	\$ 89.00	\$ 445.00	0.00	\$ -		\$ -	0.00%	0.00%
150	2416-0100015	APRONS, CONCRETE, 15 INCH DIA.	2.00	EACH	\$ 3,000.00	\$ 6,000.00	1.00	\$ 3,000.00	1.00	\$ 3,000.00	50.00%	50.00%
160	2416-0100018	APRONS, CONCRETE, 18 INCH DIA.	6.00	EACH	\$ 3,200.00	\$ 19,200.00	2.00	\$ 6,400.00	2.00	\$ 6,400.00	33.33%	33.33%
170	2416-0100024	APRONS, CONCRETE, 24 INCH DIA.	4.00	EACH	\$ 1,000.00	\$ 4,000.00	0.00	\$ -		\$ -	0.00%	0.00%
180	2416-0100030	APRONS, CONCRETE, 30 INCH DIA.	1.00	EACH	\$ 4,000.00	\$ 4,000.00	0.00	\$ -		\$ -	0.00%	0.00%
190	2416-0102224	APRONS, LOW CLEARANCE CONCRETE, EQUIVALENT DIA. 24 INCH	1.00	EACH	\$ 3,800.00	\$ 3,800.00	0.00	\$ -		\$ -	0.00%	0.00%
200	2416-1160018	CULVERT, CONCRETE ENTRANCE PIPE, 18 INCH DIA.	44.00	LF	\$ 76.00	\$ 3,344.00	0.00	\$ -		\$ -	0.00%	0.00%
210	2416-1160024	CULVERT, CONCRETE ENTRANCE PIPE, 24 INCH DIA.	36.00	LF	\$ 93.00	\$ 3,348.00	0.00	\$ -		\$ -	0.00%	0.00%
220	2435-0130148	MANHOLE, SANITARY SEWER, 48 INCH DIA	4.00	EACH	\$ 4,500.00	\$ 18,000.00	2.00	\$ 9,000.00	2.00	\$ 9,000.00	50.00%	50.00%
230	2435-0140148	MANHOLE, STORM SEWER, SW-401, 48 INCH DIA.	3.00	EACH	\$ 5,000.00	\$ 15,000.00	2.00	\$ 10,000.00	2.00	\$ 10,000.00	66.67%	66.67%
240	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 INCH DIA.	2.00	EACH	\$ 8,500.00	\$ 17,000.00	0.00	\$ -		\$ -	0.00%	0.00%
250	2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 INCH DIA.	1.00	EACH	\$ 9,600.00	\$ 9,600.00	0.00	\$ -		\$ -	0.00%	0.00%
260	2435-0250700	INTAKE, SW-507	13.00	EACH	\$ 5,000.00	\$ 65,000.00	2.00	\$ 10,000.00	2.00	\$ 10,000.00	15.38%	15.38%
270	2435-0250900	INTAKE, SW-509	7.00	EACH	\$ 6,000.00	\$ 42,000.00	2.00	\$ 12,000.00	2.00	\$ 12,000.00	28.57%	28.57%
280	2435-0251224	INTAKE, SW-512, 24 INCH	1.00	EACH	\$ 2,000.00	\$ 2,000.00	1.00	\$ 2,000.00	1.00	\$ 2,000.00	100.00%	100.00%
290	2502-8212036	SUBDRAIN, LONGITUDINAL, SHOULDER 6 INCH DIA.	5,463.20	LF	\$ 15.00	\$ 81,948.00	0.00	\$ -		\$ -	0.00%	0.00%
300	2502-8213108	SUBDRAIN, PVC, STANDARD, NON-PERFORATED, 8"	43.00	LF	\$ 31.00	\$ 1,333.00	0.00	\$ -		\$ -	0.00%	0.00%
310	2502-8221303	SUBDRAIN OUTLET, DR-303	47.00	EACH	\$ 275.00	\$ 12,925.00	0.00	\$ -		\$ -	0.00%	0.00%
320	2502-8221306	SUBDRAIN OUTLET, DR-306	5.00	EACH	\$ 735.00	\$ 3,675.00	0.00	\$ -		\$ -	0.00%	0.00%
330	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 15 INCH DIA	1,967.00	LF	\$ 84.00	\$ 165,228.00	550.00	\$ 46,200.00	550.00	\$ 46,200.00	27.96%	27.96%
340	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 18 INCH DIA	427.00	LF	\$ 110.00	\$ 46,970.00	93.00	\$ 10,230.00	93.00	\$ 10,230.00	21.78%	21.78%
350	2503-0114224	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 24 INCH DIA	124.00	LF	\$ 40.00	\$ 4,960.00	0.00	\$ -		\$ -	0.00%	0.00%
360	2503-0114230	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 30 INCH DIA	30.00	LF	\$ 155.00	\$ 4,650.00	0.00	\$ -		\$ -	0.00%	0.00%
370	2503-0116324	STORM SEWER GRAVITY MAIN, TRENCHED, 2000D LOW CLEARANCE CONC. PIPE, EQUIVALENT DIA. 24 INCH	51.00	LF	\$ 150.00	\$ 7,650.00	0.00	\$ -		\$ -	0.00%	0.00%
380	2503-0200036	REMOVAL OF STORM SEWER PIPE LESS THAN OR EQUAL TO 36 INCH DIA.	85.00	LF	\$ 19.00	\$ 1,615.00	0.00	\$ -		\$ -	0.00%	0.00%
390	2504-0114008	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 INCH DIA.	945.00	LF	\$ 35.00	\$ 33,075.00	175.00	\$ 6,125.00	175.00	\$ 6,125.00	18.52%	18.52%
400	2507-3250005	ENGINEERING FABRIC	109.30	SY	\$ 3.00	\$ 327.90	0.00	\$ -		\$ -	0.00%	0.00%
410	2507-6800061	REVETMENT, CLASS E	55.30	TON	\$ 53.00	\$ 2,930.90	0.00	\$ -		\$ -	0.00%	0.00%
420	2510-6745850	REMOVAL OF PAVEMENT	1,874.40	SY	\$ 7.00	\$ 13,120.80	0.00	\$ -		\$ -	0.00%	0.00%
430	2511-0302400	RECREATIONAL TRAIL, PCC, 4 INCH	162.90	SY	\$ 43.00	\$ 7,004.70	0.00	\$ -		\$ -	0.00%	0.00%
440	2511-0302600	RECREATIONAL TRAIL, PCC, 6 INCH	1,723.20	SY	\$ 45.00	\$ 77,544.00	0.00	\$ -		\$ -	0.00%	0.00%
450	2511-0310100	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	14.10	STA	\$ 280.00	\$ 3,948.00	0.00	\$ -		\$ -	0.00%	0.00%
460	2511-6745900	REMOVAL OF SIDEWALK	56.30	SY	\$ 21.00	\$ 1,182.30	0.00	\$ -		\$ -	0.00%	0.00%
470	2511-7528101	DETECTABLE WARNINGS	360.00	SF	\$ 54.00	\$ 19,440.00	0.00	\$ -		\$ -	0.00%	0.00%
480	2512-1725356	CURB AND GUTTER, PCC, 3.5 FEET	65.30	LF	\$ 43.00	\$ 2,807.90	0.00	\$ -		\$ -	0.00%	0.00%
490	2515-2475006	DRIVEWAY, PCC, 6 INCH	209.10	SY	\$ 54.00	\$ 11,291.40	0.00	\$ -		\$ -	0.00%	0.00%
500	2515-6745600	REMOVAL OF PAVED DRIVEWAY	200.50	SY	\$ 13.00	\$ 2,606.50	0.00	\$ -		\$ -	0.00%	0.00%
510	2519-4200190	REMOVAL OF FENCE	18.00	LF	\$ 17.00	\$ 306.00	0.00	\$ -		\$ -	0.00%	0.00%
520	2524-6765110	REMOVAL OF TYPE A SIGN	4.00	EACH	\$ 110.00	\$ 440.00	0.00	\$ -		\$ -	0.00%	0.00%
530	2524-9276010	PERFORATED SQUARE STEEL TUBE POST	263.00	LF	\$ 13.00	\$ 3,419.00	0.00	\$ -		\$ -	0.00%	0.00%
540	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	22.00	EACH	\$ 215.00	\$ 4,730.00	0.00	\$ -		\$ -	0.00%	0.00%
550	2524-9276024	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY CONCRETE INSTALLATION	4.00	EACH	\$ 380.00	\$ 1,520.00	0.00	\$ -		\$ -	0.00%	0.00%
560	2524-9325001	TYPE A SIGN, SHEET ALUMINUM	178.80	SF	\$ 27.00	\$ 4,827.60	0.00	\$ -		\$ -	0.00%	0.00%
565	2526-8285000	CONSTRUCTION SURVEY	1.00	LS	\$ 20,000.00	\$ 20,000.00	0.10	\$ 2,000.00		\$ -	0.00%	10.00%
570	2527-9263109	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	84.77	STA	\$ 76.00	\$ 6,442.52	0.00	\$ -		\$ -	0.00%	0.00%
580	2527-9263180	PAVEMENT MARKINGS REMOVED	1.31	STA	\$ 215.00	\$ 281.65	0.00	\$ -		\$ -	0.00%	0.00%
590	2528-2518000	SAFETY CLOSURES	4.00	EACH	\$ 160.00	\$ 640.00	0.00	\$ -		\$ -	0.00%	0.00%
600	2528-2518181	PERMANENT ROAD CLOSURE, RURAL, SI-181	24.00	LF	\$ 130.00	\$ 3,120.00	0.00	\$ -		\$ -	0.00%	0.00%
610	2528-8400048	TEMPORARY BARRIER RAIL, CONCRETE	112.50	LF	\$ 76.00	\$ 8,550.00	0.00	\$ -		\$ -	0.00%	0.00%
620	2528-8445110	TRAFFIC CONTROL	1.00	LS	\$ 6,000.00	\$ 6,000.00	0.30	\$ 1,800.00		\$ -	0.00%	30.00%
630	2533-4980005	MOBILIZATION	1.00	LS	\$ 151,000.00	\$ 151,000.00	0.50	\$ 75,500.00		\$ -	0.00%	50.00%
640	2554-0114008	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	985.00	LF	\$ 47.00	\$ 46,295.00	457.00	\$ 21,479.00	457.00	\$ 21,479.00	46.40%	46.40%
650	2554-0114012	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 12 IN.	50.00	LF	\$ 83.00	\$ 4,150.00	0.00	\$ -		\$ -	0.00%	0.00%
660	2554-0134008	WATER MAIN WITH CASING PIPE, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	115.00	LF	\$ 140.00	\$ 16,100.00	0.00	\$ -		\$ -	0.00%	0.00%
670	2554-0202200	FITTINGS BY COUNT, DUCTILE IRON, 12" 45 DEG BEND	4.00	EACH	\$ 1,300.00	\$ 5,200.00	0.00	\$ -		\$ -	0.00%	0.00%
680	2554-0202200	FITTINGS BY COUNT, DUCTILE IRON, 12" X 8" TEE	1.00	EACH	\$ 1,300.00	\$ 1,300.00	1.00	\$ 1,300.00	1.00	\$ 1,300.00	100.00%	100.00%
690	2554-0202200	FITTINGS BY COUNT, DUCTILE IRON, 8" 45 DEG BEND	4.00	EACH	\$ 700.00	\$ 2,800.00	3.00	\$ 2,100.00	3.00	\$ 2,100.00	75.00%	75.00%

BID ITEM NO.	BID ITEM CODE	DESCRIPTION	CONTRACT ITEMS				COMPLETED WORK TO DATE		COMPLETED WORK THIS PERIOD		PERCENT COMPLETE THIS PERIOD	PERCENT COMPLETE TO DATE
			QUANTITY	UNIT	UNIT COST	TOTAL COST	QUANTITY	COST	QUANTITY	COST		
700	2554-0202200	FITTINGS BY COUNT, DUCTILE IRON, 8" 90 DEG BEND	3.00	EACH	\$ 700.00	\$ 2,100.00	1.00	\$ 700.00	1.00	\$ 700.00	33.33%	33.33%
710	2554-0202200	FITTINGS BY COUNT, DUCTILE IRON, 8" CAP	1.00	EACH	\$ 700.00	\$ 700.00	0.00	\$ -		\$ -	0.00%	0.00%
720	2554-0207008	VALVE, GATE, DIP, 8 IN.	4.00	EACH	\$ 2,500.00	\$ 10,000.00	2.00	\$ 5,000.00	2.00	\$ 5,000.00	50.00%	50.00%
730	2554-0207012	VALVE, GATE, DIP, 12 IN.	2.00	EACH	\$ 4,500.00	\$ 9,000.00	0.00	\$ -		\$ -	0.00%	0.00%
740	2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	5.00	EACH	\$ 7,500.00	\$ 37,500.00	2.00	\$ 15,000.00	2.00	\$ 15,000.00	40.00%	40.00%
750	2554-0214000	FIRE HYDRANT ADJUSTMENT	1.00	EACH	\$ 2,500.00	\$ 2,500.00	0.00	\$ -		\$ -	0.00%	0.00%
760	2555-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS	1.00	LS	\$ 2,500.00	\$ 2,500.00	0.00	\$ -		\$ -	0.00%	0.00%
770	2599-9999005	SUBDRAIN CLEANOUT	12.00	EACH	\$ 1,000.00	\$ 12,000.00	0.00	\$ -		\$ -	0.00%	0.00%
780	2601-2634105	MULCHING, BONDED FIBER MATRIX	9.30	ACRE	\$ 4,000.00	\$ 37,200.00	0.00	\$ -		\$ -	0.00%	0.00%
790	2601-2636015	NATIVE GRASS SEEDING	3.30	ACRE	\$ 2,000.00	\$ 6,600.00	0.00	\$ -		\$ -	0.00%	0.00%
800	2601-2636044	SEEDING AND FERTILIZING (URBAN)	1.30	ACRE	\$ 1,900.00	\$ 2,470.00	0.00	\$ -		\$ -	0.00%	0.00%
810	2601-2640350	SPECIAL DITCH CONTROL, WOOD EXCELSIOR MAT	50.72	SQ	\$ 16.00	\$ 811.52	0.00	\$ -		\$ -	0.00%	0.00%
820	2601-2642100	STABILIZING CROP - SEEDING AND FERTILIZING	4.60	ACRE	\$ 540.00	\$ 2,484.00	0.00	\$ -		\$ -	0.00%	0.00%
830	2601-2643110	WATERING FOR SOD, SPECIAL DITCH CONTROL, OR SLOPE PROTECTION	4.48	MGAL	\$ 60.00	\$ 268.80	0.00	\$ -		\$ -	0.00%	0.00%
840	2601-2643300	MOBILIZATION FOR WATERING	3.00	EACH	\$ 350.00	\$ 1,050.00	0.00	\$ -		\$ -	0.00%	0.00%
850	2602-0000020	SILT FENCE	4,007.00	LF	\$ 1.50	\$ 6,010.50	4,537.00	\$ 6,805.50		\$ -	0.00%	113.23%
860	2602-0000030	SILT FENCE FOR DITCH CHECKS	1,116.00	LF	\$ 1.50	\$ 1,674.00	0.00	\$ -		\$ -	0.00%	0.00%
870	2602-0000050	SILT BASIN	16.00	EACH	\$ 200.00	\$ 3,200.00	0.00	\$ -		\$ -	0.00%	0.00%
880	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	2,562.00	LF	\$ 10.00	\$ 25,620.00	0.00	\$ -		\$ -	0.00%	0.00%
890	2602-0000080	REMOVAL OF SILT BASINS	9.00	EACH	\$ 100.00	\$ 900.00	0.00	\$ -		\$ -	0.00%	0.00%
900	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	512.00	LF	\$ 0.01	\$ 5.12	0.00	\$ -		\$ -	0.00%	0.00%
910	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303	120.00	LF	\$ 16.00	\$ 1,920.00	100.00	\$ 1,600.00		\$ -	0.00%	83.33%
920	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 INCH	5,286.00	LF	\$ 3.00	\$ 15,858.00	0.00	\$ -		\$ -	0.00%	0.00%
930	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH SEDIMENT CONTROL DEVICE	5,286.00	LF	\$ 0.01	\$ 52.86	0.00	\$ -		\$ -	0.00%	0.00%
940	2602-0000370	DITCH CHECK SEDIMENT CONTROL DEVICE, 20 INCH	192.00	LF	\$ 4.50	\$ 864.00	0.00	\$ -		\$ -	0.00%	0.00%
950	2602-0000500	OPEN THROAT CURB INTAKE SEDIMENT FILTER, EC-602	108.00	LF	\$ 13.00	\$ 1,404.00	0.00	\$ -		\$ -	0.00%	0.00%
960	2602-0000510	MAINTENANCE OF OPEN THROAT CURB INTAKE SEDIMENT FILTER	20.00	EACH	\$ 11.00	\$ 220.00	0.00	\$ -		\$ -	0.00%	0.00%
970	2602-0000520	REMOVAL OF OPEN THROAT CURB INTAKE SEDIMENT FILTER	20.00	EACH	\$ 11.00	\$ 220.00	0.00	\$ -		\$ -	0.00%	0.00%
980	2602-0010010	MOBILIZATIONS, EROSION CONTROL	2.00	EACH	\$ 500.00	\$ 1,000.00	1.00	\$ 500.00		\$ -	0.00%	50.00%
990	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL	2.00	EACH	\$ 1,000.00	\$ 2,000.00	0.00	\$ -		\$ -	0.00%	0.00%
8999		STOCKPILED MATERIALS						\$ 146,386.36		\$ (31,869.75)		

TOTAL ORIGINAL CONTRACT:

\$ 2,157,477.67 \$ 522,047.86 \$ 128,664.25 5.96% 24.20%

CHANGE ORDER SUMMARY

CHANGE ORDER 01

160	2416-0100018	APRONS, CONCRETE, 18 INCH DIA.	-2.00	EACH	\$ 3,200.00	\$ (6,400.00)	0.00	\$ -		\$ -	0.00%	0.00%
200	2416-1160018	CULVERT, CONCRETE ENTRANCE PIPE, 18 INCH DIA.	-44.00	LF	\$ 76.00	\$ (3,344.00)	0.00	\$ -		\$ -	0.00%	0.00%
240	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 INCH DIA.	-1.00	EACH	\$ 8,500.00	\$ (8,500.00)	0.00	\$ -		\$ -	0.00%	0.00%
330	2503-0114215	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 15 INCH DIA	-20.00	LF	\$ 84.00	\$ (1,680.00)	0.00	\$ -		\$ -	0.00%	0.00%
340	2503-0114218	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 18 INCH DIA	103.00	LF	\$ 110.00	\$ 11,330.00	0.00	\$ -		\$ -	0.00%	0.00%
910	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303	480.00	LF	\$ 16.00	\$ 7,680.00	0.00	\$ -		\$ -	0.00%	0.00%
8001	2435-0251100	INTAKE, SW-511	1.00	EACH	\$ 4,628.83	\$ 4,628.83	0.00	\$ -		\$ -	0.00%	0.00%
TOTAL CHANGE ORDER #1						\$ 3,714.83		\$ -		\$ -		

CHANGE ORDER 02

8002	2599-9999010	LIGHTING	1.00	LS	\$ 53,685.06	\$ 53,685.06	0.00	\$ -		\$ -	0.00%	0.00%
8003	2599-9999010	PRICE ADJUSTMENT, STORM SEWER	1.00	LS	\$ (7,500.00)	\$ (7,500.00)	0.00	\$ -		\$ -	0.00%	0.00%
8004	2601-2643100	MULCHING	4.00	ACRE	\$ 1,200.00	\$ 4,800.00	1.00	\$ 1,200.00	1.00	\$ 1,200.00	25.00%	25.00%
						\$ 50,985.06		\$ 1,200.00		\$ 1,200.00		

TOTAL CONTRACT &  
CHANGE ORDER \$ 2,212,177.56 \$ 523,247.86 \$ 129,864.25 5.87% 23.65%



**Please Remit To:**  
**HR Green, Inc.**  
**PO Box 8213**  
**Des Moines, IA 50301-8213**  
**1-800-728-7805**

Michon Jackson  
 City of Anamosa, IA  
 1124 N. Williams  
 Anamosa, IA 52205-1841

December 01, 2022  
 Project No: 191791  
 Invoice No: 158074  
**Invoice Total: \$11,480.75**

Project 191791 Anamosa, IA - GIS Services  
 Email invoices to: [michon.jackson@anamosa-ia.org](mailto:michon.jackson@anamosa-ia.org)

Water = [robert.young@anamosa-ia.org](mailto:robert.young@anamosa-ia.org)  
 Wastewater Department= [steve.agnitsch@anamosa-ia.org](mailto:steve.agnitsch@anamosa-ia.org)  
 Streets Department= [shane.brown@anamosa-ia.org](mailto:shane.brown@anamosa-ia.org)

**Professional Services Through November 25, 2022**

Phase 2022 GIS Services Annual Renewal  
 Task 05 Planning and Zoning Supplemental Service

**Planning and Zoning**

**Professional Personnel**

	Hours	Amount
Admin Coordinator	2.00	170.00
Totals	2.00	170.00
<b>Total Labor</b>		<b>170.00</b>

Billing Limits	Current	Prior	To-Date
Total Billings	170.00	476.00	646.00
Limit			2,000.00
Remaining			1,354.00
<b>Total this Task</b>			<b>\$170.00</b>

Task 06 Cemetery Project

**Professional Personnel**

	Hours	Amount
Field Personnel	8.25	1,171.50
Admin Coordinator	.25	21.25
Totals	8.50	1,192.75
<b>Total Labor</b>		<b>1,192.75</b>

**Unit Charges**

Technology & Communication Charge	1.50
<b>Total Unit Charges</b>	<b>1.50</b>

Billing Limits	Current	Prior	To-Date
Total Billings	1,194.25	6,237.51	7,431.76
Limit			10,000.00
Remaining			2,568.24

Project	191791	Anamosa, IA - GIS Services	Invoice	158074
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**Total this Task                      \$1,194.25**

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Task                      09                      Cemetary Project Phase 3

**Professional Personnel**

	<b>Hours</b>	<b>Amount</b>	
Senior Technician	1.25	175.00	
Field Personnel	86.75	9,673.75	
Administrative	3.50	245.00	
Admin Coordinator	.25	21.25	
Totals	91.75	10,115.00	
<b>Total Labor</b>			<b>10,115.00</b>

**Unit Charges**

Technology & Communication Charge	1.50	
<b>Total Unit Charges</b>	<b>1.50</b>	<b>1.50</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	10,116.50	0.00	10,116.50
Limit			59,000.00
Remaining			48,883.50

**Total this Task                      \$10,116.50**

**Total this Phase                      \$11,480.75**

**Total this Invoice                      \$11,480.75**



137 Main Street, Suite 100  
Dubuque, IA 52001  
origindesign.com

City of Anamosa  
Michon Jackson  
107 South Ford St.  
Anamosa, IA 52205

Invoice number 78242  
Date 11/30/2022

Project: 21224 Dillion Military Bridge Evaluation, Anamosa, IA

Invoice represents a progress billing related to our efforts on the Dillion Military Bridge Project through November 12, 2022.

A. Bridge Inspection and Documentation Services

Work includes ongoing evaluations, meetings with City staff, and agency coordination.

	Hours	Rate	Billed Amount
Professional Engineer III	5.00	174.00	870.00
Invoice total			870.00



City of Anamosa  
107 South Ford Street  
Anamosa, IA 52205

December 05, 2022  
Project No: 1191102  
Invoice No: 2200118

Project 1191102 Anamosa Police Station Renovation

**Professional Services from November 1, 2022 to November 30, 2022**

Task 600 Construction Administration

**Fee**

Total Fee 9,037.50

Billing Phase	Percent of Fee	Fee	Percent Complete	Earned
Construction Administration	100.00	9,037.50	50.00	4,518.75

Total Earned **4,518.75**  
Previous Fee Billing 903.75  
Current Fee Billing 3,615.00

**Total Fee 3,615.00**

**Reimbursable Expenses**

Travel, Meals & Lodging

11/1/2022	Stark, Brian	pre-construction meeting	92.50
11/21/2022	Martin, Kyle	Anamosa Site Visit	25.00

Reproductions/Photocopy

11/7/2022	Rapids Reproductions Inc	Anamosa Police Set to DCCI	49.35
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**Total Reimbursables 1.1 times 166.85 183.54**

**Total this Task \$3,798.54**

Task 998 Additional Services - Change Orders

**Fee**

Billing Phase	Fee	Percent Complete	Earned
Change Order #1	781.00	100.00	781.00
Total Fee	781.00		781.00

Previous Fee Billing 0.00  
Current Fee Billing 781.00

**Total Fee 781.00**

**Total this Task \$781.00**

**Total this Invoice \$4,579.54**



APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER City of Anamosa  
107 S. Ford St.  
Anamosa, IA 52205

PROJECT: Renovation to Anamosa  
Police Station

AIA DOCUMENT G702

APPLICATION NO 1

PAGE ONE OF

PAGES

Distribution to:  
OWNER  
ARCHITECT  
CONTRACTOR

FROM CONTRACTOR:  
Dave's Complete Construction  
PO Box 213  
Delhi, IA 52223

VIA ARCHITECT: Martin Gardner Architecture, P.C.  
700 11th Street, Suite 200  
Marion, IA 52302

PERIOD TO: 12/1/2022

PROJECT NOS: 191102

CONTRACT FOR:

CONTRACT DATE 3/22/2022

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.  
Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$	874,537.00
2. Net change by Change Orders	\$	0.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	874,537.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$	64,845.39
5. RETAINAGE:		
a. 5 % of Completed Work (Column D + E on G703)	\$	\$3,242.27
b. % of Stored Material (Column F on G703)	\$	
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	3,242.27
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	61,603.12
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	
8. CURRENT PAYMENT DUE	\$	61,603.12
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	812,933.88

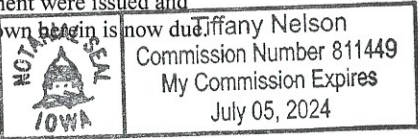
CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

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.

CONTRACTOR:

By: Dave Taylor Date: 12/1/2022

State of: Iowa County of: Delaware  
Subscribed and sworn to before me this 1st day of December, 2022  
Notary Public: Tiffany Nelson  
My Commission expires: 7/5/2024



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the 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 the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... \$ 61,603.12

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

ARCHITECT: By: Date: 12/06/2022

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.



# CONTINUATION SHEET

AIA DOCUMENT G703

PAGE OF PAGES

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 1  
APPLICATION DATE: 12/1/2022  
PERIOD TO:  
ARCHITECT'S PROJECT NO: 191102

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H % (G ÷ C)	I BALANCE TO FINISH (C - G)	J RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
	General Requirements	\$69,470.00	\$22,500.00			\$22,500.00	32.39%	\$46,970.00	\$1,125.00
	Earthwork/ Civil	\$62,250.00	\$2,782.03			\$2,782.03	4.47%	\$59,467.97	\$139.10
	Existing Conditions	\$21,240.00	\$10,080.00			\$10,080.00	47.46%	\$11,160.00	\$504.00
	Concrete/ Masonry	\$71,282.00	\$9,542.00			\$9,542.00	13.39%	\$61,740.00	\$477.10
	Metals	\$28,470.00	\$10,460.00			\$10,460.00	36.74%	\$18,010.00	\$523.00
	Woods, Plastics/ Thermal & Moisture	\$62,580.00	\$396.36			\$396.36	0.63%	\$62,183.64	\$19.82
	Openings	\$123,915.00		\$8,085.00		\$8,085.00	6.52%	\$115,830.00	\$404.25
	Finishes	\$110,421.00							
	Specialties/ Furnishes	\$23,234.00							
	Mechanical	\$163,000.00	\$1,000.00			\$1,000.00	0.61%	\$162,000.00	\$50.00
	Electrical	\$125,375.00							
	Alternate #1 Exterior Painting	\$13,300.00							
	<b>GRAND TOTALS</b>	<b>\$874,537.00</b>	<b>\$56,760.39</b>	<b>\$8,085.00</b>	<b>\$0.00</b>	<b>\$64,845.39</b>	<b>142%</b>	<b>\$537,361.61</b>	<b>\$3,242.27</b>

Users may obtain validation of this document by requesting of the license a completed AIA Document D401 - Certification of Document's Authenticity



▶ 8710 Earhart Lane SW  
Cedar Rapids, IA 52404  
**Main** 319.841.4000 + **Fax** 713.965.0044  
▶ [HRGREEN.COM](http://HRGREEN.COM)

December 6, 2022

Michon Jackson  
City Administrator  
City of Anamosa  
107 S. Ford Street  
Anamosa, IA 52205

Re: Booth Street Water and Storm Sewer Improvements  
Contractor's Payment Application No. 4

Dear Michon,

Enclosed is Payment Application No. 4 from Eastern Iowa Excavating & Concrete, LLC for the above-referenced project. This payment application is for work completed through the end of November 2022 and includes near completion of the roadway, sidewalk, driveway, seeding, and other surface restoration.

The total request for Payment Application No. 4 is \$272,373.41. This payment application represents approximately 88% of the total contract value and corresponds to approximately 44% of the total project schedule until Final Completion in April 2023. HR Green has reviewed and recommend full partial payment of Payment Application No. 4 as submitted by Eastern Iowa.

Sincerely,

**HR GREEN, INC.**

A handwritten signature in blue ink, appearing to read 'Josh Scanlon'.

**Josh Scanlon, P.E.**  
Project Manager

J:\2020\200121\Construction\Payment\PR4\ltr-20221206-Eastern\_Iowa\_Exc\_Pay\_Request\_4.docx



# APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF TWO PAGE(S)

TO OWNER: City of Anamosa

107 South Ford Street

Anamosa, IA 52205

PROJECT: Booth Street

Water & Storm Sewer Imp.

APPLICATION NO: PP#4

Distribution to:

FROM CONTRACTOR:

EASTERN IOWA EXCAVATING & CONCRETE

VIA ENGINEER: HR GREEN

P.O. BOX 189

CASCADE, IA 52033

PERIOD TO: 30-Nov-22

☒ OWNER  
☒ ENGINEER  
☒ CONTRACTOR

CONTRACT FOR:

CONTRACT DATE:

## CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

SEE ATTACHED SWORN STATEMENT FROM CONTRACTOR TO OWNER

1. ORIGINAL CONTRACT SUM

2. Net change by Change Orders

3. CONTRACT SUM TO DATE (Line 1 + 2)

4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)

5. RETAINAGE: (Original Contract Only)

a. 5 % of Completed Work (Column D + E on G703)

b. 0 % of Stored Material (Column F on G703)

Total Retainage (Lines 5a + 5b or

Total in Column I of G703)

6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)

8. CURRENT PAYMENT DUE

9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$1,923.75	\$0.00
Total approved this Month (#1)	\$0.00	
TOTALS	\$1,923.75	\$0.00
NET CHANGES by Change Order	\$1,923.75	\$0.00

CONTRACTOR:

EASTERN IOWA EXCAVATING & CONCRETE

By:

*Matt Menster*

State of Iowa

County of Dubuque

Subscribed and sworn to before me: Matt Menster

Notary Public: *LYNN WHITE*

My Commission expires: 04/26/23



## ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the 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 the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: .....\$

272,373.41

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

ENGINEER: HR GREEN

By: *Jelena A. Jara*

Date:

12/6/2022

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.



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

December 09, 2022  
Project No: 190261.02  
Invoice No: 158377  
**Invoice Total: \$17,200.12**

Project 190261.02 Anamosa, IA - Well 6 Construction Phase  
Amendment No. 2 - New Jordan Well No. 6 Construction Phase Services  
**Professional Services Through November 11, 2022**  
**Fee**

Total Fee	135,320.00		
Percent Complete	90.9707	Total Earned	123,101.55
		Previous Fee Billing	105,901.43
		Current Fee Billing	17,200.12
		<b>Total Fee</b>	<b>17,200.12</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	17,200.12	105,901.43	123,101.55
Limit			135,320.00
Remaining			12,218.45

**Total this Invoice** \$17,200.12



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

December 09, 2022  
Project No: 200121.01  
Invoice No: 158378  
**Invoice Total: \$25,100.04**

Project 200121.01 Anamosa, IA - Booth Street CPS

**S Booth Street Water Main & Storm Sewer Replacement  
Amendment No. 1 - Construction Phase Services**

Professional Services Through November 11, 2022

Phase B Construction Phase Services

**Fee**

Total Fee	74,100.00			
Percent Complete	80.8369	Total Earned	59,900.14	
		Previous Fee Billing	34,800.10	
		Current Fee Billing	25,100.04	
		<b>Total Fee</b>		<b>25,100.04</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	25,100.04	34,800.10	59,900.14
Limit			74,100.00
Remaining			14,199.86

**Total this Phase \$25,100.04**

**Total this Invoice \$25,100.04**



# APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER: City of Anamosa

PROJECT: Anamosa Fire Station

APPLICATION NO: 13

PERIOD TO: 11/30/2022

PROJECT NOS:

CONTRACT DATE:

**FROM CONTRACTOR:**

Boomerang Corp  
PO Box 227  
Anamosa, Iowa 52205

**VIA ENGINEER:**

Shive-Hattery  
Ron Hinds

## CONTRACTOR'S APPLICATION FOR PAYMENT

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

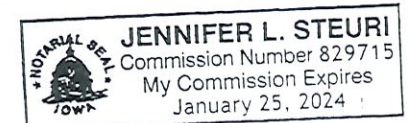
1. ORIGINAL CONTRACT SUM	.....	\$	760,800.00
2. Net change by Change Orders	.....	\$	48,727.74
3. CONTRACT SUM TO DATE (Line 1 + 2)	.....	\$	809,527.74
4. TOTAL COMPLETED & STORED TO DATE	.....	\$	800,732.74
5. RETAINAGE:			
a. 5% of Work Completed		\$	40,036.64
(Columns D + E on Continuation Sheet)			
b. <u>5</u> % of Stored Material	.....		
(Column F on Continuation Sheet)			
Total Retainage (Line 5a + 5b)	.....	\$	40,036.64
(Total in Column I on Continuation Sheet)			
6. TOTAL EARNED LESS RETAINAGE	.....	\$	760,696.10
(Line 4 less Line 5 Total)			
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT	.....	\$	638,174.85
(Line 6 from prior Certificate)			
8. CURRENT PAYMENT DUE	.....	\$	122,521.25
9. BALANCE TO FINISH, INCLUDING RETAINAGE	.....	\$	48,831.64
(Line 3 less Line 6)			

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.

CONTRACTOR:

By: Sarah Buckley  
Jennifer L. Steuri

Date: 12/01/22



## ENGINEER'S CERTIFICATE FOR PAYMENT

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

AMOUNT CERTIFIED..... \$

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

ENGINEER:

By: \_\_\_\_\_ Date: \_\_\_\_\_

OWNER'S APPROVAL:

By: \_\_\_\_\_ Date: \_\_\_\_\_

# CONTINUATION SHEET

CERTIFICATE FOR PAYMENT,  
signed Certification, is attached.

APPLICATION NO: 13  
APPLICATION DATE:  
PERIOD TO: 11/30/2022  
ENGINEER'S PROJECT NO.:

units are stated to the nearest dollar.

variable retainage for line items may apply.

A	B	C	D	E	F	G		H	I
Item No.	Description of Work	Scheduled Value	Work Completed		Materials Presently Stored (not in D or E)	Total Completed & Stored to Date (D + E + F)	% ( G/C)	Balance to Finish ( C - G)	Retainage (If Variable Rate)
			From Previous Application (D + E)	This Period					
1	<b>General Requirements</b>								
	Bonds / Permits / Insurance	\$ 52,000.00	\$ 52,000.00	\$ -	\$ -	\$ 52,000.00	100%	\$ -	\$ 2,600.00
	Administrative Requirements	\$ 15,000.00	\$ 14,000.00	\$ 850.00	\$ -	\$ 14,850.00	99%	\$ 150.00	\$ 742.50
	Mobilize in	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
	Temporary Facilities and Controls	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
	Testing	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
2	<b>Existing Conditions</b>								
	Strip Topsoil	\$ 5,000.00	\$ 5,000.00	\$ -	\$ -	\$ 5,000.00	100%	\$ -	\$ 250.00
	Excavate for Footings	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
	Import Fill	\$ 10,000.00	\$ 10,000.00	\$ -	\$ -	\$ 10,000.00	100%	\$ -	\$ 500.00
	Erosion Control	\$ 3,500.00	\$ 3,500.00	\$ -	\$ -	\$ 3,500.00	100%	\$ -	\$ 175.00
3	<b>Concrete</b>								
	Cast-in-Place Concrete	\$ 232,758.00	\$ 232,758.00	\$ -	\$ -	\$ 232,758.00	100%	\$ -	\$ 11,637.90
	7" PCC Parking Lot	\$ 20,000.00	\$ 20,000.00	\$ -	\$ -	\$ 20,000.00	100%	\$ -	\$ 1,000.00
7	<b>Thermal and Moisture Protection</b> Included in Concrete and Special Construction								
8	<b>Openings</b>								
	Hollow Metal Doors and Frames	\$ 6,500.00	\$ 6,500.00	\$ -	\$ -	\$ 6,500.00	100%	\$ -	\$ 325.00
	Sectional Doors	\$ 21,992.00	\$ -	\$ 21,992.00	\$ -	\$ 21,992.00	100%	\$ -	\$ 1,099.60
	Aluminum Windows	\$ 2,100.00	\$ 2,100.00	\$ -	\$ -	\$ 2,100.00	100%	\$ -	\$ 105.00
	Door Hardware	\$ 1,000.00	\$ 1,000.00	\$ -	\$ -	\$ 1,000.00	100%	\$ -	\$ 50.00
9	<b>Finishes</b>								
	Painting and Coating	\$ 2,000.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 2,000.00	\$ -
13	<b>Special Construction</b>								
	Metal Building Systems submittals and engineering	\$ 50,000.00	\$ 50,000.00	\$ -	\$ -	\$ 50,000.00	100%	\$ -	\$ 2,500.00
	Metal Building Fabrication	\$ 104,000.00	\$ 104,000.00	\$ -	\$ -	\$ 104,000.00	100%	\$ -	\$ 5,200.00
	Building delivery and Labor	\$ 33,000.00	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00	100%	\$ -	\$ 1,650.00
22	<b>Plumbing</b>								
	Materials	\$ 24,000.00	\$ 24,000.00	\$ -	\$ -	\$ 24,000.00	100%	\$ -	\$ 1,200.00
	Labor	\$ 8,450.00	\$ 7,605.00	\$ -	\$ -	\$ 7,605.00	90%	\$ 845.00	\$ 380.25
23	<b>Heating, Ventilating, and Air-Conditioning (HVAC)</b>								
	HVAC Equipment	\$ 40,000.00	\$ 16,000.00	\$ 24,000.00	\$ -	\$ 40,000.00	100%	\$ -	\$ 2,000.00
	Labor	\$ 22,000.00	\$ -	\$ 19,800.00	\$ -	\$ 19,800.00	90%	\$ 2,200.00	\$ 990.00

CERTIFICATE FOR PAYMENT,  
signed Certification, is attached.

APPLICATION DATE: 11/30/2022  
PERIOD TO:  
ENGINEER'S PROJECT NO.:

units are stated to the nearest dollar.  
variable retainage for line items may apply.

A	B	C	D	E	F	G		H	I
Item No.	Description of Work	Scheduled Value	Work Completed		Materials Presently Stored (not in D or E)	Total Completed & Stored to Date (D + E + F)	% (G/C)	Balance to Finish (C - G)	Retainage (If Variable Rate)
			From Previous Application (D + E)	This Period					
23	Electrical								
	Labor	\$ 18,000.00	\$ 13,500.00	\$ 2,700.00	\$ -	\$ 16,200.00	90%	\$ 1,800.00	\$ 810.00
	Gear	\$ 10,000.00	\$ 8,000.00	\$ 2,000.00	\$ -	\$ 10,000.00	100%	\$ -	\$ 500.00
	Lighting materials	\$ 11,500.00	\$ 11,500.00	\$ -	\$ -	\$ 11,500.00	100%	\$ -	\$ 575.00
	Equipment	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ -	\$ 2,000.00	100%	\$ -	\$ 100.00
	Pipe/ Wire	\$ 17,500.00	\$ 10,500.00	\$ 7,000.00	\$ -	\$ 17,500.00	100%	\$ -	\$ 875.00
	Underground	\$ 2,000.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	100%	\$ -	\$ 100.00
	Misc. Material	\$ 3,000.00	\$ 1,800.00	\$ 900.00	\$ -	\$ 2,700.00	90%	\$ 300.00	\$ 135.00
	Trim Out	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	0%	\$ 1,500.00	\$ -
	Change Orders								
CO2	Lift Station	\$ 24,451.00	\$ -	\$ 24,451.00	\$ -	\$ 24,451.00	100%	\$ -	\$ 1,222.55
CO3	ADS Field Tile	\$ 16,032.19	\$ -	\$ 16,032.19	\$ -	\$ 16,032.19	100%	\$ -	\$ 801.61
CO4	Backwater Valve	\$ 6,891.00	\$ -	\$ 6,891.00	\$ -	\$ 6,891.00	100%	\$ -	\$ 344.55
CO5	Trench Drain	\$ 1,353.55	\$ -	\$ 1,353.55	\$ -	\$ 1,353.55	100%	\$ -	\$ 67.68
		\$809,527.74	\$671,763.00	\$128,969.74	\$0.00	\$800,732.74		\$8,795.00	\$40,036.64





**Please Remit To:**  
**HR Green, Inc.**  
**PO Box 8213**  
**Des Moines, IA 50301-8213**  
**1-800-728-7805**

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

December 14, 2022  
Project No: 220479  
Invoice No: 158569  
**Invoice Total: \$7,380.00**

Project 220479 Anamosa, IA - Alley Between Ford & N Huber E Websert to N Huber - Sewer Replacement

Sanitary Sewer Replacement  
Alley between Ford Street and N. Huber Street  
Includes Amendment No. 1

**Professional Services Through December 9, 2022**

Phase 1 Design

**Fee**

Total Fee 49,200.00

Percent Complete	100.00	Total Earned	49,200.00
		Previous Fee Billing	41,820.00
		Current Fee Billing	7,380.00

**Total Fee 7,380.00**

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	7,380.00	41,820.00	49,200.00
Limit			49,200.00

**Total this Phase \$7,380.00**

**Total this Invoice \$7,380.00**



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

December 21, 2022  
Project No: 190261.02  
Invoice No: 158792  
**Invoice Total: \$4,100.06**

Project 190261.02 Anamosa, IA - Well 6 Construction Phase  
Amendment No. 2 - New Jordan Well No. 6 Construction Phase Services  
**Professional Services Through December 9, 2022**  
**Fee**

Total Fee	135,320.00		
Percent Complete	94.0006	Total Earned	127,201.61
		Previous Fee Billing	123,101.55
		Current Fee Billing	4,100.06
		<b>Total Fee</b>	<b>4,100.06</b>

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	4,100.06	123,101.55	127,201.61
Limit			135,320.00
Remaining			8,118.39

**Total this Invoice** **\$4,100.06**



Please Remit To:  
HR Green, Inc.  
PO Box 8213  
Des Moines, IA 50301-8213  
1-800-728-7805

Michon Jackson  
City of Anamosa, IA  
107 S Ford Street  
Anamosa, IA 52205-1841

December 21, 2022  
Project No: 200121.01  
Invoice No: 158793  
**Invoice Total: \$5,100.01**

Project 200121.01 Anamosa, IA - Booth Street CPS

**S Booth Street Water Main & Storm Sewer Replacement  
Amendment No. 1 - Construction Phase Services**

Professional Services Through December 9, 2022

Phase B Construction Phase Services

**Fee**

Total Fee 74,100.00

Percent Complete	87.7195	Total Earned	65,000.15	
		Previous Fee Billing	59,900.14	
		Current Fee Billing	5,100.01	
		<b>Total Fee</b>		<b>5,100.01</b>

**Billing Limits**

	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	5,100.01	59,900.14	65,000.15
Limit			74,100.00
Remaining			9,099.85

**Total this Phase \$5,100.01**

**Total this Invoice \$5,100.01**

CITY of ANAMOSA

CITIZEN COMPLAINT FORM

Date: 12-5-22

Signature of Person filing complaint: Michael Rowland

Address: 405 N. Division Contact Number: 319-480-2687

Notice: Above information will not be disclosed

Name of person complaint is about: \_\_\_\_\_

Location of complaint: 201 W. Main & 121 E. Main

Nature of complaint:

The berry trees to the side of each of these  
properties need to be cut down. The berries are being  
tracked into our offices and staining the carpets year  
round. Not to mention the birds eat them and deposit  
them on cars all up and down the streets.

Attach additional sheet if necessary

For official use below

Employee receiving complaint: Benny K. Lode

Date complaint filed: 12-5-22 Time: 9:23 A.M.

Administrative Review

Date reviewed: \_\_\_\_\_ Signature of official: \_\_\_\_\_

Action Warranted: ☐ Yes ☐ No

**RESOLUTION 2022-81**

**APPROVING AND ENGINEERING AGREEMENT WITH HR GREEN FOR HYPOCHLORITE IMPREVEMENTS AT THE WATER TREATMENT PLANT**

WHEREAS, the City is updating our water treatment from a chlorine gas feed system to a chlorine gas hypochlorite feed system; and

WHEREAS, the agreement design would start in January 2023 and be completed by May 31, 2023; and

WHEREAS, City staff is supportive of this update to the water plant and has been working towards this goal for over a year;

THEREFORE, be it resolved that a the City is approving the engineering agreement with HR Green for the Hypochlorite Improvements at the Water Treatment Plant in the amount not to exceed \$19,100.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-81** and moved for its adoption. Councilmember \_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 12<sup>th</sup> day of December 2022.

ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/Clerk

\_\_\_\_\_  
Rod Smith, Mayor

No. _____		<b>MOTOR VEHICLE PURCHASE AGREEMENT</b>	
Customer No. _____		DATE <u>11/18/2022</u>	
STEW HANSEN DODGE CITY 12103 HICKMAN RD DES MOINES IA 50323 (515)331-2900		BUYER <u>CITY OF ANAMOSA</u> CO-BUYER _____ ADDRESS <u>100 E 1ST ST</u> ADDRESS LINE 2 _____ CITY <u>ANAMOSA</u> STATE <u>IA</u> ZIP <u>52205</u> EMAIL ADDRESS _____ RES. PHONE _____ CELL _____ WORK <u>(319)462-4434</u>	
SALESPERSON <u>HARRY KENNETH BOUGHER III</u>		BUYER'S REGISTRATION MONTH <u>N/A</u> COUNTY <u>JONES</u>	

PRICE OF VEHICLE	\$	N / A	TRADE-IN ALLOWANCE AND OTHER CREDITS:																				
ACCESSORIES:		N / A	YEAR	MAKE				MODEL				BODY TYPE											
2023 DODGE DURANGO PPV	39,422.00		V.I.N.																				
2023 DODGE DURANGO PPV	39,422.00		BALANCE OWED TO																				
			YEAR	MAKE				MODEL				BODY TYPE											
			V.I.N.																				
			BALANCE OWED TO																				
			TRADE-IN GROSS ALLOWANCE															\$	N / A				
			LESS AMOUNT OWING															\$	N / A				
			NET TRADE-IN ALLOWANCE OR REMAINING TRADE-IN DEBT															\$	N / A				
			CASH DOWN PAYMENT OR CREDIT BALANCE															\$	N / A				
			MANUFACTURER'S REBATE (IF ANY)															\$	N / A				
			TOTAL DOWN PAYMENT or AMOUNT OWED															\$	N / A				

OTHER INFORMATION OR TERMS OF SALE:	
N/A	

This provision does not affect any warranties which may be provided by the manufacturer. If there is a manufacturer's warranty on the vehicle, we are not a party to it and it is not a part of this contract. If we are authorized by the manufacturer to perform warranty work on your vehicle, we hope that you ask us to perform the work. However, the manufacturer's warranty is between you and the manufacturer.

**X** \_\_\_\_\_  
Buyer's Signature Date of Birth

\_\_\_\_\_  
Buyer's Driver's License or F.I.D. No.

**X** \_\_\_\_\_  
N/A N/A  
Co-Buyer's Signature Date of Birth

\_\_\_\_\_  
N/A  
Co-Buyer's Driver's License or F.I.D. No.



## CONTRACT TERMS AND CONDITIONS

In this contract, the words “we”, “us” and “our” refer to the dealer. The words “you” and “your” refer to the buyer and the co-buyer, if any.

**1. CASH SALE.** You agree to buy the vehicle described on page 1 of this document. This is not a credit document. If you obtain financing to purchase the vehicle, you will be required to sign documents which comply with applicable federal and state laws. If you obtain financing to purchase the vehicle, there will be a fee for filing the lien on the title. This fee may be paid to either the dealer or to the lending institution from whom you obtain financing.

**2. WARRANTY DISCLAIMER.** *YOU UNDERSTAND THAT THE VEHICLE IS SOLD “AS IS” WITH ALL FAULTS AND THAT THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE,* or any other warranties, express or implied, covering the vehicle unless we make a written warranty to you or unless we enter into a service contract with you within 90 days from the date of this contract. If we do so, any implied warranty will last only as long as the limited written warranty.

This provision does not affect any warranties which may be provided by the manufacturer. If there is a manufacturer's warranty on the vehicle, we are not a party to it and it is not a part of this contract. If we are authorized by the manufacturer to perform warranty work on your vehicle, we hope that you ask us to perform the work. However, the manufacturer's warranty is between you and the manufacturer.

**3. YOUR FAILURE OR REFUSAL TO ACCEPT DELIVERY.** If you refuse or fail to accept delivery of the purchased vehicle, we may keep your cash deposit as liquidated damages. If you had a trade-in, we may sell the trade-in and keep any part of the selling price which we need to reimburse us for losses which we incurred because you did not take delivery.

**4. FAILURE OR DELAY OF DELIVERY.** We are not liable for failure to deliver or delay in delivery of the purchased vehicle if the failure or delay is due, in whole or in part, to any cause beyond our control or without our fault or negligence. We are not liable to you for any consequential damages, damages to property, damage for loss of use, loss of time, loss of profits, or income or any other incidental damages arising out of the sale or use of the purchased vehicle.

**5. DEALER'S REMEDIES.** If you fail to perform all of the terms and conditions of this contract, we may exercise any right or remedy granted by law as well as the other remedies described in this contract.

**6. ADDITIONAL DOCUMENTS.** You agree to sign any other documents which are required to transfer title to the trade-in vehicle or the purchased vehicle, including odometer statements, damage disclosure statements, and powers of attorney.

**7. ATTORNEYS' FEES.** If you default on this contract, you will pay us our costs and attorneys' fees and late charges in addition to our damages.

### IF YOU HAVE A TRADE-IN:

If you are trading another vehicle as part of the price of the vehicle purchased, you agree to the following additional terms.

**8. YOUR WARRANTY OF TITLE TO TRADE-IN.** You must provide us with your vehicle title, correctly assigned to us. You promise that the trade-in vehicle is your property free and clear of any liens or encumbrances except as noted on page 1 of this contract and that all taxes and registration fees are currently paid. If we are put to any expense with respect to unpaid taxes or registration fees, you will reimburse us upon demand. If we find out that you made any misrepresentation about the trade-in, then you will pay us three times our actual damages as a result of the misrepresentation, plus our costs of collection and attorney's fees.

**9. AMOUNT DUE ON TRADE-IN.** The “Trade-In Balance Owed” on page 1 of this contract was provided by your lienholder. If the balance is incorrect due to the fault of the lienholder, the error will be treated as a mutual mistake of fact. In other words, if you owe more money on your trade-in you will pay us the difference or you can rescind the contract by returning the vehicle. If you owe less, we will pay (or credit) you.

**10. REAPPRAISAL OF TRADE-IN.** If you do not deliver the trade-in to us until the purchased vehicle is delivered to you, then we may reappraise the trade-in at the time that you deliver it to us and the new appraisal will determine the allowance to be made on the vehicle purchased. If the reappraisal is lower than the original appraisal, you may cancel this contract provided you do so before you take delivery of the purchased vehicle and surrender the trade-in.

### IF YOU ARE BUYING A NEW VEHICLE:

If you are buying a new vehicle, you agree to the following additional terms.

**11. MANUFACTURER'S PRICE REVISION ON NEW VEHICLE.** If you are buying a new vehicle which we do not have in stock at the time you order it and if the manufacturer changes our price of the vehicle model or body type you ordered between the time we signed this contract and the time we delivered the vehicle to you, we have the right to change the price to you. However, if you do not agree to the changed price, you may cancel this contract. If you cancel the contract, we will return your trade-in to you, if it has not already been sold so long as you pay for the cost of reasonable repairs and storage fees. If we have sold your trade-in, we will pay you the amount we received for the trade-in less a selling commission of 15% and any expenses which we incurred in reconditioning, repairing, insuring, storing and selling the vehicle.

**12. MANUFACTURER'S CHANGE OF THE MODEL AND BODY OF THE NEW VEHICLE.** If you are buying a new vehicle and if the manufacturer changes (or discontinues) the model, design, chassis, accessories, body type or parts of the vehicle which you ordered, we will have no obligation to make the same or similar change to the vehicle you ordered either before or after we deliver the vehicle to you.



**RESOLUTION 2022-82**

**APPROVING AGREEMENT TO PURCHASE ONE POLICE VEHICLE IN THE CURRENT FY23 AND ORDER THE 2<sup>ND</sup> POLICE VEHICLE TO ARRIVE FOR FY24 WITH THE LEASE OF NECESSARY INSIDE AUGMENTATION TO COMPLY WITH THE JOB REQUIREMENTS**

WHEREAS, the City is working on updating the police vehicles and getting on a regular replacement schedule; and

WHEREAS, the council approved that the City can budget and pay for an outright purchase of one police vehicle a year for a total of five (5) fiscal years and rent the necessary inside equipment and augmentation needed to comply with the job requirements; and

WHEREAS, City staff is prepared to purchase one police vehicle immediately and then, in the spring, order the 2<sup>nd</sup> police vehicle for arrival in FY24;

THEREFORE, be it resolved that the City is approving the purchase of one (1) police vehicle this fiscal year and ordering the 2<sup>nd</sup> police vehicle that will arrive in FY24 with each fiscal year pricing and lease of inside vehicles not to exceed the total annual appropriation amount of \$80,000 per fiscal year.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-82** and moved for its adoption. Councilmember \_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 12<sup>th</sup> day of December 2022.

ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/Clerk

\_\_\_\_\_  
Rod Smith, Mayor



**RESOLUTION 2022-83**

**APPROVING AGREEMENT TO PURCHASE ONE UTILITY DEPARTMENT SLUDGE DUMP TRUCK**

WHEREAS, the City has an opportunity to purchase a used sludge dump truck at a good price;  
and

WHEREAS, the council was made aware of our current situation of the sludge dump truck is not  
in the best working order anymore; and

WHEREAS, City staff is prepared to purchase a used sludge dump truck for the Utility  
Department that is covered by the current budget;

THEREFORE, be it resolved that the City is approving the purchase of one (1) sludge dump truck for the  
purchase price not to exceed \$50,000.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-83** and moved for its adoption. Councilmember  
\_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 12<sup>th</sup> day of December 2022.

ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/Clerk

\_\_\_\_\_  
Rod Smith, Mayor

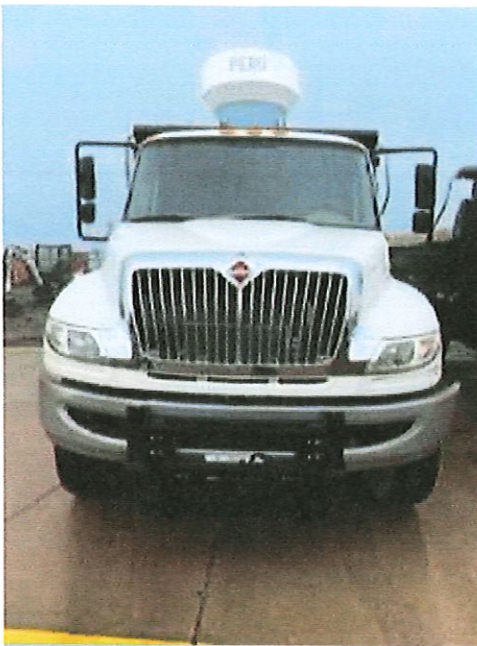
Michon, And Council,

The Utility department has an opportunity to replace the existing sludge dump truck with a newer dump truck. The existing is a 2002 International dump truck with 77000 miles. We use this to haul sludge at the wastewater plant and to help haul snow and other things where more trucks are required than what Shane has. The current truck is suffering from being a plow truck. The battery box has rusted out and we are continually fighting the repair of steel lines and other maintenance issues from all the salt it was exposed to. The newer truck is a 2016 International dump truck with 16000 miles on it. It has a roll tarp that would help when we take screenings to Linn County landfill for disposal because the load has to be covered. It has a pintle hitch so it could be used to pull the excavator trailer around town. Also, if need be, we could have mounts put on the truck and it could be a backup snow plow for Shane.

We all know what we are fighting with supply chain issues as far as good equipment being available. This was an opportunity that I feel that we should not pass on. Original asking price for truck was \$65000 after calling and inquiring they have made us an offer of \$50,000 with no trade. I would then wait until spring and sell the old truck at Highway 64 auctions. We have had good luck selling used equipment at their auctions. I have the money in a line item that I feel comfortable using it to purchase this truck.

Steve Agnitsch

Utility Superintendent



Jon Jordan  
United Rentals  
Key Account Manager  
319-533-1266  
Jjordan@ur.com

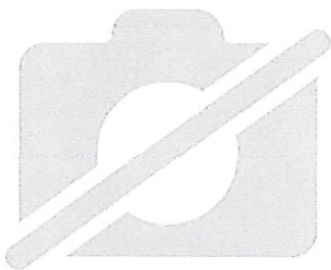
# Quality used equipment for sale

## 2016 INTERNAT'L 4300-DUMP-HYD - PRICE \$65,550 (USD)

Description:	TRUCK DUMP 5 YARD NON CDL DSL
Make/Model:	INTERNAT'L 4300-DUMP-HYD
Year:	2016
Serial #:	1HTMMMMP3HH522562
Meter:	15228.000
Equipment #:	10546981
Location:	J46 - PERU, IL

**UNITED RENTALS (Store 737)**  
5735 4TH STREET CT S.W.  
CEDAR RAPIDS, IA 52404  
Mon-Fri: 7:00AM-5:00PM Sat: CLOSED Sun: CLOSED

**Sales Contact:**  
Johnathon Jordan  
319-533-1266  
jjordan@ur.com



Valid through 12/22/2022  
**UnitedRentals.com | 800.UR.RENTS**

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For terms and conditions, visit [unitedrentals.com/en/customer-care/terms/ur1disclaimer](https://www.unitedrentals.com/en/customer-care/terms/ur1disclaimer)





BRANCH 737  
5735 4TH STREET CT S.W.  
CEDAR RAPIDS IA 52404  
319-366-7584

# 213366351-000

Customer # : 1378027  
Reserved Date : 11/22/22 10:58

UR Job Loc : 1210 WALWORTH AVE, A  
UR Job # : 2  
Customer Job ID:  
P.O. # : TBD  
Ordered By : STEVE AGNITSCH  
Written By : JOHNATHON JORDAN  
Salesperson : JOHNATHON JORDAN

**Job Site**

CITY OF ANAMOSA  
1210 WALWORTH AVE  
ANAMOSA IA 52205

Office: 319-462-3473 Cell: 319-558-8335

CITY OF ANAMOSA  
107 S FORD ST  
ANAMOSA IA 52205-1841

**This is not an invoice  
Please do not pay from this document**

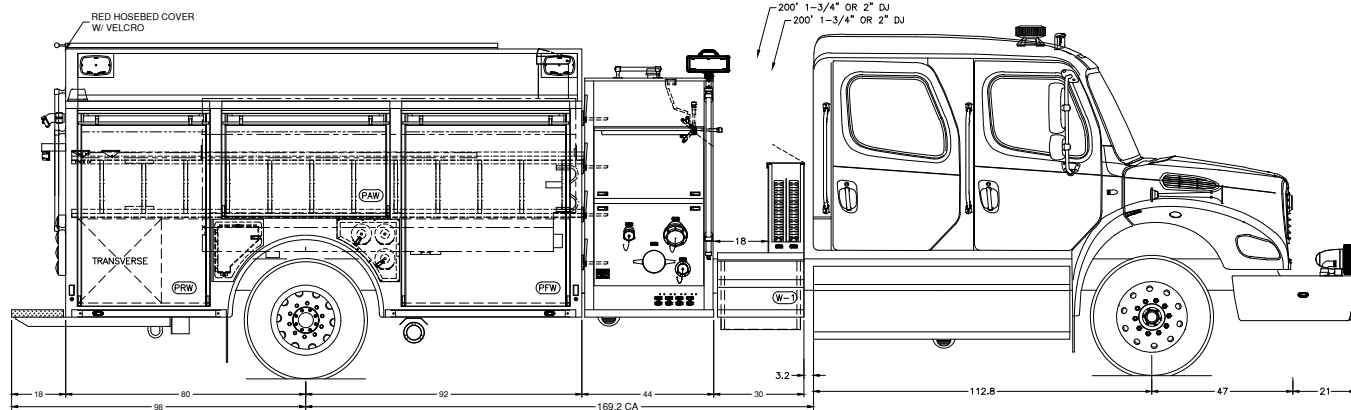
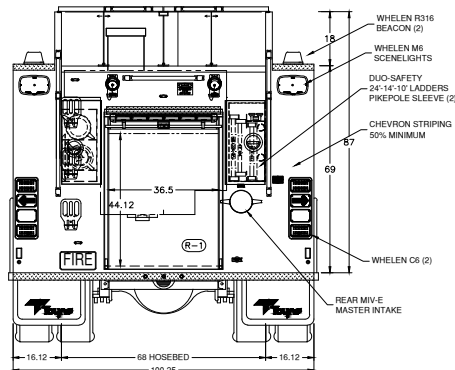
Qty	Equipment #	Price	Amount
1	10546981 CC: 952-7051 TRUCK DUMP 5 YARD NON CDL DSL Make: INTERNAT'L Model: 4300-DUMP-HYD Serial #: 1HTMMMP3HH522562 Model Year: 16 Lic: 29538J Wgt: 026001 MI OUT: 15228.000	50000.00	50000.00

Agreement Subtotal: 50000.00  
Total: 50000.00

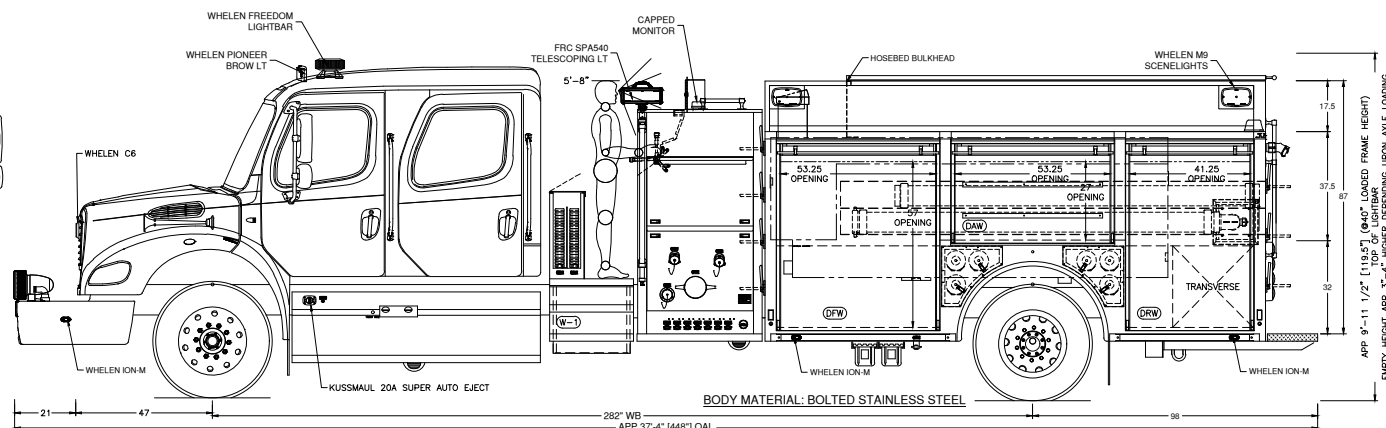
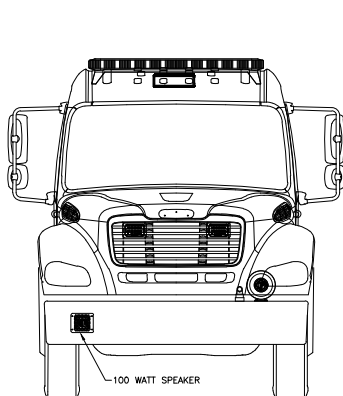
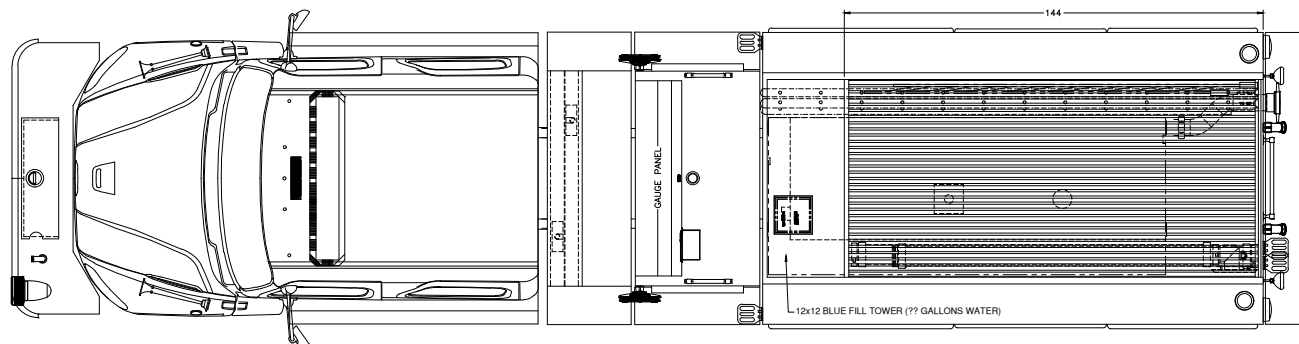
COMMENTS/NOTES:

CONTACT: STEVE AGNITSCH  
CELL#: 319-558-8335

WHERE PERMITTED BY LAW, UNITED RENTALS MAY IMPOSE A SURCHARGE OF 1.8% FOR CREDIT CARD PAYMENTS ON CHARGE ACCOUNTS. THIS SURCHARGE IS NOT GREATER THAN OUR MERCHANT DISCOUNT RATE FOR CREDIT CARD TRANSACTIONS AND IS SUBJECT TO SALES TAX IN SOME JURISDICTIONS. THIS IS NOT A SALE AGREEMENT/INVOICE. THE ITEMS LISTED ABOVE ARE SUBJECT TO AVAILABILITY AND ACCEPTANCE OF THE TERMS AND CONDITIONS OF UNITED'S SALE AGREEMENT/INVOICE WHICH ARE AMENDED FROM TIME TO TIME AND POSTED ONLINE AT <https://www.unitedrentals.com/legal/sale-agreement> AND INCORPORATED HEREIN BY REFERENCE. A PAPER COPY OF THE SALE AGREEMENT/INVOICE TERMS IS AVAILABLE UPON REQUEST.



COMP.	HEIGHT	WIDTH	USABLE UPPER	DEPTH LOWER	DIVIDE HEIGHT	FT
DFW	67.12	59.88	14	26	28	44.20
DAW	37.12	63.75	14	—	—	19.18
DRW	67.12	44.00	14	26	28	32.49
PFW	67.12	59.88	14	26	28	44.20
PAW	37.12	63.75	14	—	—	19.18
PRW	67.12	44.00	14	26	28	32.49
R-1	52.12	44.00	—	30	—	39.72
HOSEBED	18	68	—	144	—	102.00
FRONT X-LAY	25.75	4.62	—	73.75	—	5.08
REAR X-LAY	25.75	4.62	—	73.75	—	5.08



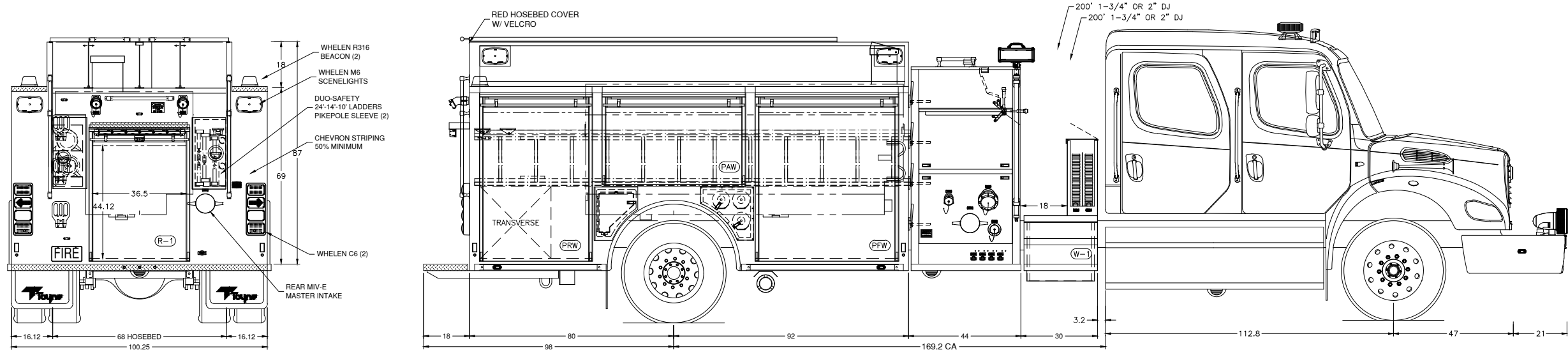
**NOTE:**  
DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR CHANGE AS MAY BE FOUND NECESSARY DURING CONSTRUCTION. MINOR DETAILS MAY NOT BE SHOWN. IF DISCREPANCIES EXIST BETWEEN THIS DRAWING AND THE WRITTEN SPECIFICATIONS PROVIDED BY TOYNE, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.

ORIGINAL DRAWING	27JULY22	CHASSIS:	FREIGHTLINER M2 112 4DOOR 4x2	SCALE:	1/66	SHEET:	A
		WB-CA-AF:	282"-169.2"-47" D17	CITY:	ANAMOSA		
		BODY MATL:	BOLTED STAINLESS STEEL	STATE:	IA		
		PUMP:	HALE QMAX 1500	DLR:	TOY-NEP		
		TANK:	1000 UPF POLY-TANK III	CAD:	GROSSMAN		
		FOAM SYSTEM:	N/A	DATE:	27 JULY 2022		
		GENERATOR:	N/A	FILE:	ANAMOSA22		

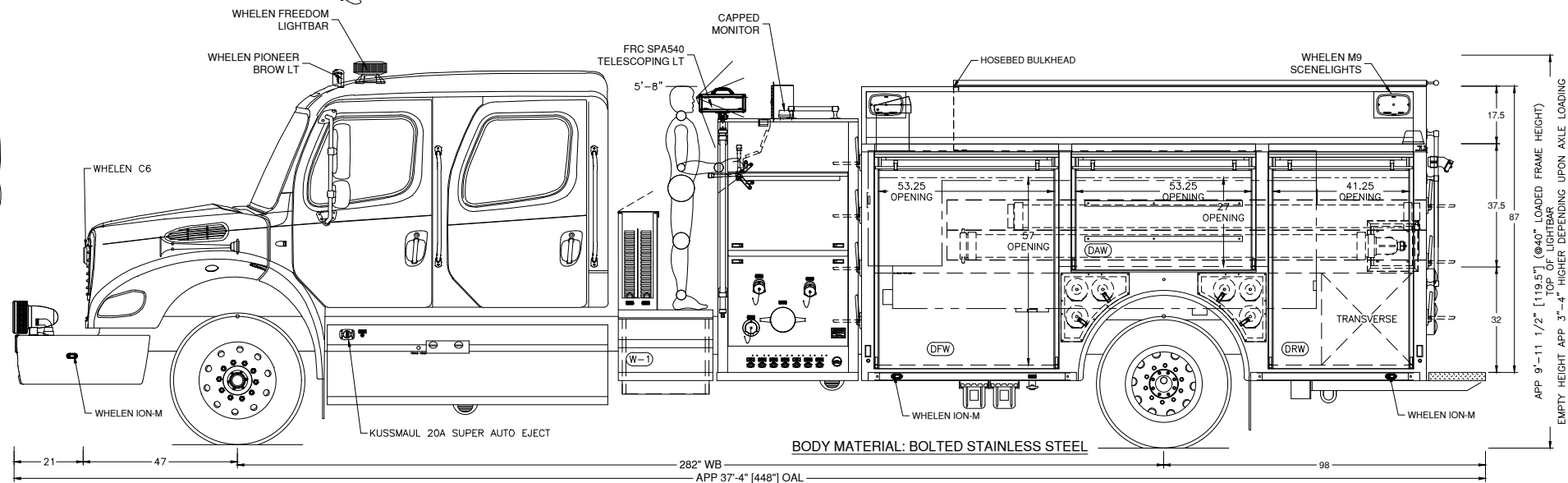
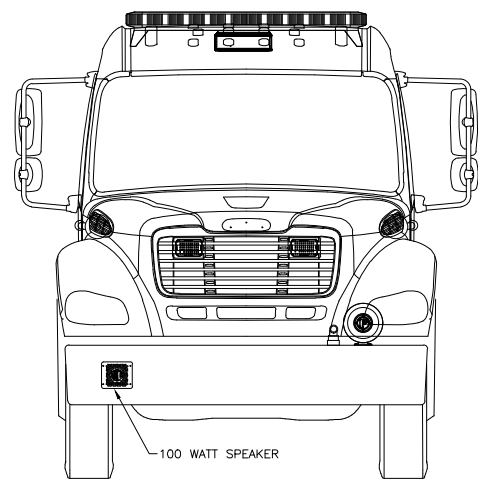
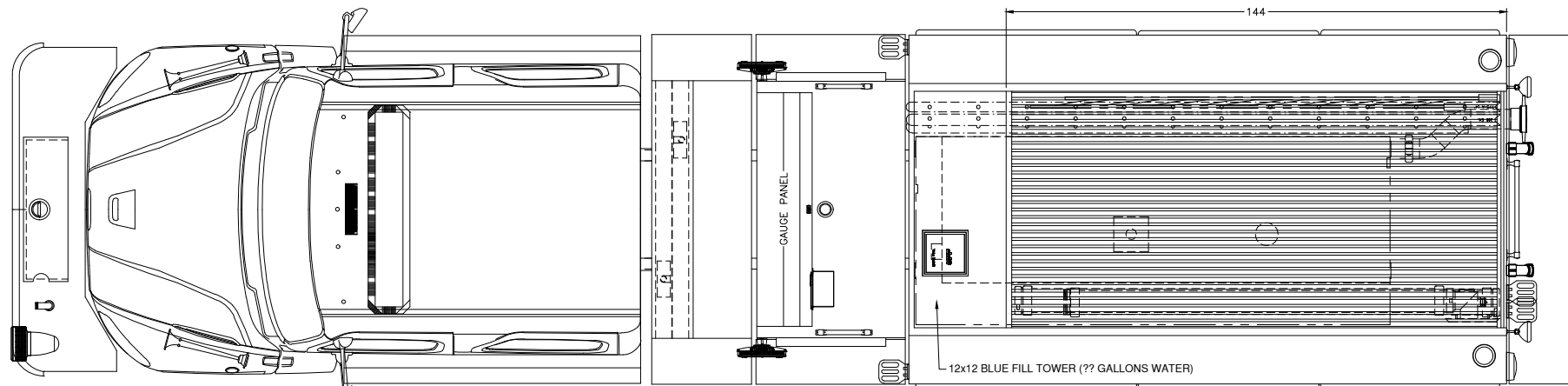
BREDA, IA 51436  
800-648-3358  
WWW.TOYNE.COM

**Toyne**  
*Built to take the call*

**ANAMOSA**  
CUSTOM PUMPER



COMP.	HEIGHT	WIDTH	USABLE UPPER	DEPTH LOWER	DIVIDE HEIGHT	FT <sup>3</sup>
DFW	67.12	59.88	14	26	28	44.20
DAW	37.12	63.75	14	—	—	19.18
DRW	67.12	44.00	14	26	28	32.49
PFW	67.12	59.88	14	26	28	44.20
PAW	37.12	63.75	14	—	—	19.18
PRW	67.12	44.00	14	26	28	32.49
R-1	52.12	44.00	—	30	—	39.72
HOSEBED	18	68	—	144	—	102.00
FRONT X-LAY	25.75	4.62	—	73.75	—	5.08
REAR X-LAY	25.75	4.62	—	73.75	—	5.08



APP 9'-11 1/2" [119.5"] (Ø40" LOADED FRAME HEIGHT)  
TOP OF LIGHTBAR  
EMPTY HEIGHT APP 3'-4" HIGHER DEPENDING UPON AXLE LOADING

**NOTE:**  
DIMENSIONS SHOWN ARE APPROXIMATE AND ARE SUBJECT TO MINOR CHANGE AS MAY BE FOUND NECESSARY DURING CONSTRUCTION. MINOR DETAILS MAY NOT BE SHOWN. IF DISCREPANCIES EXIST BETWEEN THIS DRAWING AND THE WRITTEN SPECIFICATIONS PROVIDED BY TOYNE, THE WRITTEN SPECIFICATIONS SHALL PREVAIL.

ORIGINAL DRAWING	27JULY22	CHASSIS:	FREIGHTLINER M2 112 4 DOOR 4x2	SCALE:	1/48	SHEET:	B
		WB-CA-AF:	282"-169.2"-47" D17	CITY:	ANAMOSA		
		BODY MATL:	BOLTED STAINLESS STEEL	STATE:	IA		
		PUMP:	HALE QMAX 1500	DLR:	TOY-NEP		
SIGNATURE:		TANK:	1000 UPF POLY-TANK III	CAD:	GROSSMAN		
PRINT NAME:		FOAM SYSTEM:	N/A	DATE:	27 JULY 2022		
TITLE:	DATE:	GENERATOR:	N/A	FILE:	ANAMOSA22		

**Toyne**  
*Built to take the call.*

BREDA, IA 51436  
800-648-3358  
WWW.TOYNE.COM

**ANAMOSA**  
CUSTOM PUMPER

# Anamosa IA

## **CORPORATE OWNERSHIP OF MANUFACTURER**

The manufacturer of the apparatus must be fully owned and managed by a Parent Company, Corporation, or Individual(s) that is 100% held by United States of America based Company, Corporation, or United States citizen(s).

Proposals from any manufacturer that is fully or partially owned and/or operated by a foreign company, Corporation or Individual(s) under any type of ownership, partnership, or any similar type of agreement will be immediately rejected.

## **CORPORATE CONTACT INFORMATION**

The purchaser shall be provided with the following information to allow them to contact the President/CEO of the manufacturing company (not dealer) when deemed necessary:

- Name of Company President.
- Office address.
- Office telephone number.
- Email address.
- Home address.
- Home telephone number.
- 24/7 Cellular telephone number.

If the manufacturing company is a subsidiary of, division of, or owned by a different Company, the above information shall also be provided on the 'Parent' Company.

There will be no exception to this requirement.

## **TOP OF THE LINE FIRE APPARATUS**

If the manufacturer or bidder for the apparatus manufacturer represents two or more different lines of apparatus and/or operates two or more manufacturing plants, it should be clearly stated in the bid proposal.

In addition to this requirement, the bidder shall give a detailed explanation of why the particular line, brand, model or manufacturing facility will be used.

Manufacturer's or bidder's with multiple lines (two or more) or multiple manufacturing facilities (two or more) shall be required to submit bid proposals on only the top of the line brand/model or from the top of the line facility.

It is the intention of the purchaser to purchase a top of the line, first class, #1 quality fire apparatus. Any bidder that submits a bid on a "lower end" line, brand, model, or from a "lower end" manufacturing facility will be immediately rejected.

The purchaser is not interested in purchasing a manufacturer's or bidders "lower end" apparatus. Because of this, any bids submitted that do not comply with the above requirements will be immediately rejected.

## **CERTIFICATION OF NFPA 1901-2016 COMPLIANCE**

As per NFPA 1901, the Purchaser shall assume the responsibility of determining, prior to the purchase of the apparatus, who will be responsible for ensuring that all aspects of NFPA 1901 are met. The manufacturer shall be responsible for providing or performing only the items requested by the purchaser in the documents provided to the manufacturer by the



# Anamosa IA

purchaser.

Written certification shall be provided by the manufacturer stating that the delivered apparatus complies with the NFPA 1901 Standard. If the purchaser has elected to provide, perform, outsource and/or contract with a third party or waive any item required by NFPA 1901, the manufacturer shall provide, upon delivery, a "Statement of Exceptions" per Chapter 4 of NFPA 1901 4.21.

The "Statement of Exceptions" shall include:

- A separate specification of the section of the NFPA Standard for which the apparatus is lacking compliance.
- A description of the particular aspect of the apparatus that is not compliant therewith or required equipment that is missing.
- A description of the further changes or modifications to the delivered apparatus which must be completed to achieve full compliance.
- An identification of the entity that will be responsible for making the necessary post-delivery changes or modifications or for supplying and installing any missing required equipment to the apparatus to achieve full compliance to the standard.

Prior to, or at the time of, delivery of the apparatus, the Statement of Exceptions shall be signed by an authorized agent of the entity responsible for the final assembly of the apparatus and by an authorized agent of the purchasing entity, indicating a mutual understanding and agreement between the parties regarding the substance thereof.

The purchaser shall not place the apparatus into active emergency service until fully compliant with NFPA 1901.

## **NFPA REQUIRED EQUIPMENT**

The end user of this apparatus shall provide all other equipment and accessories that are required by NFPA 1901 but not specifically listed in these specifications.

## **MAXIMUM TOP SPEED**

The maximum top speed of this apparatus shall be determined using the following NFPA 1901 Chapter 4 criteria:

- Apparatus with 1250 gallon combined water tank capacity shall not exceed 60 MPH.
- Apparatus with GVWR of over 50,000 lbs. shall not exceed 60 MPH.
- Apparatus weighing over 26,000 lbs. shall not exceed 68 MPH.

## **HALE MODEL Q-MAX 1500 GPM SINGLE STAGE PUMP**

The fire pump shall be a Hale Fire Pump Company Q-MAX that complies with all applicable requirements of the latest edition of the "Standard for Automotive Fire Apparatus" published by the National Fire Protection Association and printed in Pamphlet 1901.

## **PUMP WARRANTY**

The pump shall be covered by the Hale Pro-Tech 5-year pump warranty against workmanship and materials. Both parts and labor shall be covered for the first 2 years and years 3-5 shall have parts only coverage.

# Anamosa IA

## **UNDERWRITER'S LABORATORY CERTIFICATION**

The completed apparatus shall be tested and approved by the independent testing company Underwriter's Laboratories, Inc. The manufacturer of the apparatus shall be responsible for all costs involved in this test. The certification of inspection and approval shall be presented to the Fire Chief of the Department upon delivery of the completed apparatus.

## **PUMP PERFORMANCE - 1,500 U.S. GPM.**

The pump shall be a single stage centrifugal with a class "A" rated capacity of 1,500 United States gallons per minute. The pump shall deliver the percentage of rated discharge pressures as indicated below:

- 100 percent of rated capacity at 150 pounds net pressure.
- 70 percent of rated capacity at 200 pounds net pressure.
- 50 percent of rated capacity at 250 pounds net pressure.
- 100 percent of rated capacity at 165 pounds net pressure.

## **PUMP CONSTRUCTION**

The entire pump shall be manufactured and tested at the pump manufacturer's factory.

The pump shall be driven by a drive line from the truck transmission. The pump shall be free from objectionable pulsation and vibration under all normal operating conditions. The engine shall provide sufficient horsepower and revolutions per minute to allow the pump to meet or exceed its rated performance.

The entire pump including both suction and discharge passages, shall be hydrostatically tested to a pressure of 500 psi. The pump shall be fully tested at the pump manufacturer's factory to the performance spots as outlined by NFPA 1901.

The pump body and related parts shall be of fine grain alloy cast iron with a minimum tensile strength of 30,000 PSI. All moving parts in contact with water shall be of high quality bronze or stainless steel. Pumps utilizing castings made of lower tensile strength cast iron are not acceptable.

The pump body shall be horizontally split, on a single plane, in two (2) sections, for easy removal of entire impeller assembly including wear rings and bearings from beneath the pump without disturbing piping or the mounting of the pump on the chassis.

The pump shaft shall be rigidly supported by three (3) bearings for minimum deflection. The bearings shall be heavy-duty, deep groove style bearings in the gearbox and they shall be splash lubricated.

The pump impeller shall be of hard, fine grain bronze with a mixed flow design; accurately machined, hand ground, and individually balanced. The vanes of the impeller intake eyes shall be hand ground and polished to a sharp edge, and shall be of sufficient size and design to provide ample reserve capacity utilizing minimum horsepower.

The pump shaft shall be fabricated of heat-treated, electric furnace, corrosion resistant stainless steel, and shall be super finished under the shaft seal. The pump shaft must be sealed with double lip oil seal to keep road dirt and water out of gearbox.

# Anamosa IA

## **GEAR BOX**

The gear box shall be completely manufactured and tested at the pump manufacturer's factory.

The pump gearbox shall be of sufficient size to withstand up to 16,000 lbs. ft. of torque of the engine in both road and pump operating conditions. The gearbox shall be designed of ample capacity for lubrication reserve and to maintain the proper operating temperature.

The gearbox drive shafts shall be of heat-treated chrome nickel steel and shall be a minimum of 2.75 inches in diameter, on both the input and the output drives shafts. The gearbox shall withstand the full torque of the engine in both road and pump operating conditions.

All gears, both drive and pump, shall be of highest quality electric furnace chrome nickel steel. Bores shall be ground to size and the gear teeth shall be crown shaven, and hardened for smooth, quiet running, and a higher load carrying capability. An accurately cut spur design shall be provided to eliminate all possible end thrust.

The pump gear ratio shall be selected by the apparatus manufacturer to give the maximum performance with the engine and transmission selected.

## **NFPA 2016 INTERLOCK MODULE**

An interlock module shall be provided on the pump shift to comply with NFPA shift safety requirements.

## **GEARCASE COOLING LINE**

A cooling line shall be provided in the pump gear case. A line shall be routed from the discharge side of the pump to the gear case, through the gear case then back into the intake side of the pump.

## **MECHANICAL SEAL**

The pump shaft shall be equipped with a single mechanical type seal on the suction (inboard) side of the pump. The mechanical seal shall be a minimum of two inches in diameter and shall be spring loaded, maintenance free and self-adjusting. The mechanical seal shall be constructed of a carbon sealing ring, stainless steel coil spring, Viton rubber cup, and a tungsten carbide seat with Teflon backup seal.

## **SACRIFICIAL PUMP ANODES - (3)**

To aid in protecting the pump from internal corrosion, three sacrificial anodes shall be provided and located one in the lower section of each side inlet and one on the discharge side of the pump.

## **FRC PUMP BOSS PRESSURE GOVERNOR SYSTEM**

Fire Research Pump Boss pressure governor and monitoring display kit shall be installed. The kit shall include a control module, pressure sensor, and cables.

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The following continuous displays shall be provided:

- Check engine/stop engine warning lights
- Engine rpm shown with four daylight bright LED digits more than 1/2" high
- Engine oil pressure; shown on an LED bar graph display in 10 psi increments
- Engine temperature shown on an LED bar graph display in 10 degree increments
- Battery voltage shown on an LED bar graph display in 0.5 volt increments
- PSI / RPM setting; shown on a dot matrix message display
- PSI and RPM mode LEDs
- Throttle ready LED.

A dot-matrix message display shall show diagnostic and warning messages as they occur. It shall show monitored apparatus information, stored data, and program options when selected by the operator.

The program shall store the accumulated operating hours for the pump and engine, previous incident hours, and current incident hours in a non-volatile memory. Stored elapsed hours shall be displayed at the push of a button. It shall monitor inputs and support audible and visual warning alarms for the following conditions:

- High Engine RPM
- Pump Overheat
- High Transmission Temperature
- Low Battery Voltage (Engine Off)
- Low Battery Voltage (Engine Running)
- High Battery Voltage
- Low Engine Oil Pressure
- High Engine Coolant Temperature

The governor shall operate in two control modes, pressure and RPM. No discharge pressure or engine RPM variation shall occur when switching between modes. A control knob that uses optical technology shall adjust pressure or RPM settings. It shall be 2" in diameter with no mechanical stops, a serrated grip, and have a red idle push button in the center.

A throttle ready LED shall light when the interlock signal is recognized. The governor shall start in pressure mode and set the engine RPM to idle. In pressure mode the governor shall automatically regulate the discharge pressure at the level set by the operator. In RPM mode the governor shall maintain the engine RPM at the level set by the operator except in the event of a discharge pressure increase. The governor shall limit a discharge pressure increase in RPM mode to a maximum of 30 psi. Other safety features shall include recognition of no water conditions with an automatic programmed response and a push button to return the engine to idle.

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## **TFT A-18 INTAKE RELIEF VALVE**

A TFT model A-18 intake relief/dump valve shall be provided on the intake side of the pump to relieve excess incoming pressure. The system shall be designed to automatically restore to a non-relieving position when excessive pressure is no longer present. The pressure adjustment range shall be from 50 psi to 200 psi. The relief system shall be adjustable with a common type box end wrench.

The intake relief valve shall be pre-set to 125 psi.

## **PUMP SHIFT MECHANISM -AIR/ELECTRIC**

The pump shall be shifted from road to pump by means of a cab mounted air over electric pump shift switch. The switch shall have a built in positive locking mechanism to prevent accidental movement of the switch. The locking mechanism shall require the operator to manually lift up on the switch lever to disengage the lock.

The switch shall have three positions:

- Position 1 = road position
- Position 2 = neutral position
- Position 3 = pump position

A green indicator light shall be provided in the driving compartment and shall be energized when the pump shift has been completed. This light shall be labeled "PUMP ENGAGED".

When the apparatus is equipped with an automatic transmission, a green indicator light shall be provided in the driver's compartment. It shall be energized when both the pump shift has been completed and the chassis transmission is in pump gear. This light shall be labeled "OK TO PUMP".

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## MANUAL PUMP SHIFT OVERRIDE- REMOTE CABLE ACTUATION

A manual pump shift override shall be provided on the apparatus. The shift shall be remote cable actuated. The remote cable shall have a "T" handle control which shall be positioned just inside the pump compartment on the driver's side. The control shall be easily accessed through the side panel hinged access door. The control shall be clearly labeled "MANUAL PUMP SHIFT".



## TRIDENT AUTOMATIC PRIMING SYSTEM

A Trident automatic air priming system shall be provided.



## PRIME MODE SWITCH

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A toggle switch shall be provided on the pump panel to choose priming mode. The switch shall be pushed to initially prime the pump. After the pump is primed, the switch may be placed in "auto" mode. The system shall monitor the discharge pressure of the pump and automatically restart the primer if discharge pressure is lost.

The auto prime system shall be interconnected to the pump shift to allow priming activation only in pump mode.

## **DUAL PRIME LOCATIONS**

The priming system shall prime from two priming locations.

## **PRIMER PRESSURE PROTECTION VALVE**

A pressure protection valve shall be provided in the priming system air line assembly.

## **MANIFOLD DRAIN VALVE**

The pump shall have a manifold type drain valve assembly consisting of a stainless steel plunger in a bronze body with multiple ports. The control for the valve shall be on the left side along the bottom of the panel and above the side running board. The valve shall be a rotary type with a large easy to grip handle. The valve shall be labeled "PUMP DRAIN".

## **ICI "LEVER LIFT" BLEEDER/DRAIN VALVES**

ICI 3/4" quarter turn ball type bleeder/drain valve shall be provided for each discharge and auxiliary intake. A hose shall be connected to the valve that will direct water below the apparatus and away from the immediate pump operator's location.

The control handle shall be "lever lift" style for easy actuation. The handle for the control shall have a recessed area for the color coded identification label.

## **LOW POINT AUTO-DRAINS**

Automatic drains shall be provided in low points of any discharge piping. The drain shall drain to the ground below its location. This drain shall be a supplementary drain and will not be considered the required 3/4" bleeder drain.

## **6" LEFT (DRIVER) SIDE MASTER INTAKE**

A 6" master intake shall be provided on the left (driver) side of the apparatus. The intake shall have a 6" male NST connection. The intake shall have a removable screen to prevent the entry of large objects into the pump. The screen shall be constructed of a material that will provide cathodic protection to the pump. A label shall be provided above the intake that states "DRIVER SIDE MASTER INTAKE". The label shall be color coded burgundy.

## **HALE MIV-E MASTER INTAKE VALVE FOR LEFT SIDE MASTER INTAKE**

The left side master intake shall be equipped with a Hale model MIV-E electrically operated intake valve. The valve shall be a full flow butterfly type valve designed to mount on the fire pump between the suction tube extension and the suction tube behind the pump panel. The valve shall not interfere with other suction or discharge openings on the fire pump.

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The entire valve shall be cast, manufactured, and tested at the pump manufacturer's factory. The valve body and related components that are in contact with water shall be fine grained corrosion resistant bronze. The butterfly disc shall be manufactured of 80,000 psi minimum yield strength heat treated cast steel then coated with a durable nitrile rubber to provide a positive seal when the valve is closed. The valve shall be hydrostatically tested to 600 psig and vacuum tested to 26" hg.

A pressure relief valve shall be provided that is factory set at 125 psi and field adjustable from 75 to 250 psi. The pressure relief valve shall provide overpressure protection for the soft suction hose even when the intake valve is closed.

The inlet valve shall be operated by a 12 VDC electric motor with the control on the pump panel. The valve shall be provided with panel placards indicating control operation. The placards shall have status lights to indicate whether the valve is open, closed, or traversing from one position to the other. The valve shall have a gear operator that will open/close the valve in no less than 3 seconds. The gear actuators shall be sealed to provide reliable service in the hard pump compartment environment. The ratio of the actuator will be such that the handwheel will close the valve in no more than 10 complete turns.

A label stating the following will be provided near the intake: "WARNING-SERIOUS INJURY OR DEATH COULD OCCUR IF INLET IS SUPPLIED BY A PRESSURIZED SOURCE WHEN THE VALVE IS CLOSED.

## **MANUAL MIV "BACKUP" CONTROL - LEFT SIDE INTAKE**

A manually operated "backup" handwheel control shall be provided for the left side valve and located in an accessible location. Because the backup control moves when the electric control is activated, the backup control shall not be located in any location that firefighting personnel may inadvertently come into contact with the control during normal operations.

## **DRIVER SIDE MIV VALVE DRAIN**

A 3/4" drain shall be provided on the valve body to allow draining of the outer side of the valve.

## **DRIVER SIDE MIV BLEEDER VALVE**

A 1/4" bleeder valve shall be provided on valve body to bleed off air on the outer side of the valve.

## **LEFT SIDE MASTER INTAKE CAP**

A 6" FNST LH chrome cap shall be provided on the left side master intake.

## **6" RIGHT (PASSENGER) SIDE MASTER INTAKE**

A 6" master intake shall be provided on the right (passenger) side of the apparatus. The intake shall have a 6" male NST connection. The intake shall have a removable screen to prevent the entry of large objects into the pump. The screen shall be constructed of a material that will provide cathodic protection to the pump. A label shall be provided above the intake that states "PASSENGER SIDE MASTER INTAKE". The label shall be color coded burgundy.

## **HALE MIV-E MASTER INTAKE VALVE FOR RIGHT SIDE MASTER INTAKE**



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The right side master intake shall be equipped with a Hale model MIV-E electrically operated intake valve. The valve shall be a full flow butterfly type valve designed to mount on the fire pump between the suction tube extension and the suction tube behind the pump panel. The valve shall not interfere with other suction or discharge openings on the fire pump or with the operating control properly mounted.

The entire valve shall be cast, manufactured, and tested at the pump manufacturer's factory. The valve body and related components that are in contact with water shall be fine grained corrosion resistant bronze. The butterfly disc shall be manufactured of 80,000 psi minimum yield strength heat treated cast steel then coated with a durable nitrile rubber to provide a positive seal when the valve is closed. The valve shall be hydrostatically tested to 600 psig and vacuum tested to 26" hg.

A pressure relief valve shall be provided that is factory set at 125 psi and field adjustable from 75 to 250 psi. The pressure relief valve shall provide overpressure protection for the soft suction hose even when the intake valve is closed.

The inlet valve shall be operated by a 12 VDC electric motor with the control on the pump panel. The valve shall be provided with panel placards indicating control operation. The placards shall have status lights to indicate whether the valve is open, closed, or traversing from one position to the other. The valve shall have a gear operator that will open/close the valve in no less than 3 seconds. The gear actuators shall be sealed to provide reliable service in the hard pump compartment environment. The ratio of the actuator will be such that the handwheel will close the valve in no more than 10 complete turns.

A label stating the following will be provided near the intake: "WARNING-SERIOUS INJURY OR DEATH COULD OCCUR IF INLET IS SUPPLIED BY A PRESSURIZED SOURCE WHEN THE VALVE IS CLOSED."

## **MANUAL MIV "BACKUP" CONTROL - RIGHT SIDE INTAKE**

A manually operated "backup" handwheel control shall be provided for the right side valve and located in an accessible location. Because the backup control moves when the electric control is activated, the backup control shall not be located in any location that firefighting personnel may inadvertently come into contact with the control during normal operations.

## **RIGHT SIDE MIV VALVE DRAIN**

A 3/4" drain shall be provided on the valve body to allow draining of the outer side of the valve.

## **RIGHT SIDE MIV BLEEDER VALVE**

A 1/4" bleeder valve shall be provided on valve body to bleed off air on the outer side of the valve.

## **RIGHT SIDE MASTER INTAKE CAP**

A 6" FNST LH chrome cap shall be provided on the right side master intake.

## **6" REAR INTAKE**

A 6" rear intake shall be provided and located on the right side of the rear face extended through the rear compartment.

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(Intake may effect rear compartment dimensions listed elsewhere in these specifications.)

The intake shall have a Southpark IL35S32AC chrome plated MNST hose connection with screen insert.

All piping in the rear intake shall be 5" suction pipe. Victaulic couplings shall be used throughout the piping assembly to allow for easy disassembly if necessary. All elbows used in the piping shall be smooth radius type to allow maximum flow and minimum pressure loss.

Bleeder/drain valves shall be installed in all low points in the piping.

## **HALE MIV-E MASTER INTAKE VALVE FOR REAR INTAKE**

The rear intake shall be equipped with a Hale model MIV-E electrically operated intake valve. The valve shall be a full flow butterfly type valve designed to mount on the fire pump between the suction tube extension and the suction tube behind the pump panel. The valve shall not interfere with other suction or discharge openings on the fire pump or with the operating control properly mounted.

The entire valve shall be cast, manufactured, and tested at the pump manufacturer's factory. The valve body and related components that are in contact with water shall be fine grained corrosion resistant bronze. The butterfly disc shall be manufactured of 80,000 psi minimum yield strength heat treated cast steel then coated with a durable nitrile rubber to provide a positive seal when the valve is closed. The valve shall be hydrostatically tested to 600 psig and vacuum tested to 26" hg.

A pressure relief valve shall be provided that is factory set at 125 psi and field adjustable from 75 to 250 psi. The pressure relief valve shall provide overpressure protection for the soft suction hose even when the intake valve is closed.

The inlet valve shall be operated by a 12 VDC electric motor with the control on the pump panel. The valve shall be provided with panel placards indicating control operation. The placards shall have status lights to indicate whether the valve is open, closed, or traversing from one position to the other. The valve shall have a gear operator that will open/close the valve in no less than 3 seconds. The gear actuators shall be sealed to provide reliable service in the hard pump compartment environment. The ratio of the actuator will be such that the handwheel will close the valve in no more than 10 complete turns.

A label stating the following will be provided near the intake: "WARNING-SERIOUS INJURY OR DEATH COULD OCCUR IF INLET IS SUPPLIED BY A PRESSURIZED SOURCE WHEN THE VALVE IS CLOSED.

## **MANUAL MIV "BACKUP" CONTROL - REAR INTAKE**

A manually operated "backup" handwheel control shall be provided for the rear intake valve and accessible from under the apparatus. Because the backup control moves when the electric control is activated, the backup control shall not be located in any location that firefighting personnel may come into contact with the control during normal operations.

## **REAR MIV VALVE DRAIN**

A 3/4" drain shall be provided on the valve body to allow draining of the outer side of the valve.

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## **REAR MIV BLEEDER VALVE**

A 1/4" bleeder valve shall be provided on valve body to bleed off air on the outer side of the valve.

## **REAR MASTER INTAKE PRE-PRIME**

A priming button shall be provided on the pump panel to allow pre-priming of the rear master intake when the intake valve is closed.

## **REAR INTAKE PIPING - STAINLESS STEEL**

The rear intake piping shall be 304 stainless steel.

## **REAR MASTER INTAKE CAP**

A 6" female NST long handle chrome cap shall be provided on the rear master intake.

## **HALE TRV-L 120 THERMAL RELIEF VALVE WITH INDICATOR LIGHT/BUZZER**

A Hale TRV-L 120 thermal relief valve shall be provided and installed on the discharge side of the pump. The valve shall function automatically when the water temperature in the pump exceeds 120 degrees Fahrenheit. The valve shall discharge a 3/8" stream of water to the booster tank thereby preventing pump overheating. The valve shall be self-resetting after the temperature of the water in the pump drops below 120 degrees Fahrenheit. A pump panel mounted light shall be provided to indicate when the relief valve is open (discharging to tank). An audible buzzer alarm shall also be provided.



## **3/8" PUMP COOLING/BYPASS LINE**

NOTE: This shall be provided in addition to the thermal valve.

A 3/8" pump cooling/bypass line shall be provided from the pump discharge manifold directly into the tank. This discharge shall implement an all brass ball type 1/4 turn valve with chrome plated handle control located on the pump panel. The valve control handle shall indicate the open/closed position of the valve. The handle shall have a recessed area for mounting of the identification label which shall clearly state "PUMP COOLER".

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## **TANK REFILL/RECIRCULATION DISCHARGE**

A discharge shall be provided from the pump discharge manifold to allow pump cooling when necessary as well as to refill the booster tank.

The water tank fill gauge shall be directly in line with this discharge control.

The valve and piping shall be 2".

The refill/recirculation discharge shall be manually controlled on the pump panel.

## **STAINLESS STEEL PIPING**

All piping for discharges shall be stainless steel using stainless steel fittings. High pressure helix wire reinforced flexible piping with a minimum burst pressure of 1200 psi may be used in some areas to minimize friction losses. All flexible piping couplings shall be high tensile strength stainless steel.

All piping shall be properly supported and braced to prevent movement of piping other than what is allowed by the flexible couplings to compensate for apparatus flexing.

Any discharge manifolds provided on the apparatus must be fabricated of a minimum of schedule 10 304 marine grade piping. Use of any welded light gauge (less than Schedule 10) manifolding or plumbing will not be acceptable.

The stainless steel piping shall be warranted to be free from corrosion perforation for a period of 10 years following the delivery of the apparatus.

## **VICTAULIC COUPLINGS**

Victaulic style couplings shall be used in the assembly of the pump piping system. The couplings shall allow flex in the piping and provide for a disassembly point for maintenance and repairs.

## **VENTED LUG CAPS AND PLUGS**

All intake and discharge plugs and caps and plugs shall be vented lug type designed to relieve trapped pressure and help reduce possible operator injuries.

## **AKRON HD-8800 SERIES VALVES**

All discharge and small diameter auxiliary intakes shall have heavy duty Akron 8800 series brass ball valves with stainless steel ball. This shall include the tank to pump and tank fill valve.

## **RIGHT SIDE FORWARD AUXILIARY INTAKE**

An auxiliary intake shall be provided on the right side of the pump compartment in the forward position.

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The valve shall be manually controlled from the pump operator's position.

The intake shall have a 2 1/2" chrome plated female NST swivel connection with screen and a male NST chrome plated intake plug and chain.

A 3/4" bleeder/drain valve shall be provided.

## **LEFT SIDE FORWARD AUXILIARY INTAKE**

An auxiliary intake shall be provided on the left side of the pump compartment in the forward position.

The intake valve and piping shall be 2 1/2".

The valve shall be manually controlled from the pump operator's position.

The intake shall have a 2 1/2" chrome plated female NST swivel connection with screen and a male NST chrome plated intake plug and chain.

A 3/4" bleeder/drain valve shall be provided.

## **RIGHT SIDE DISCHARGES**

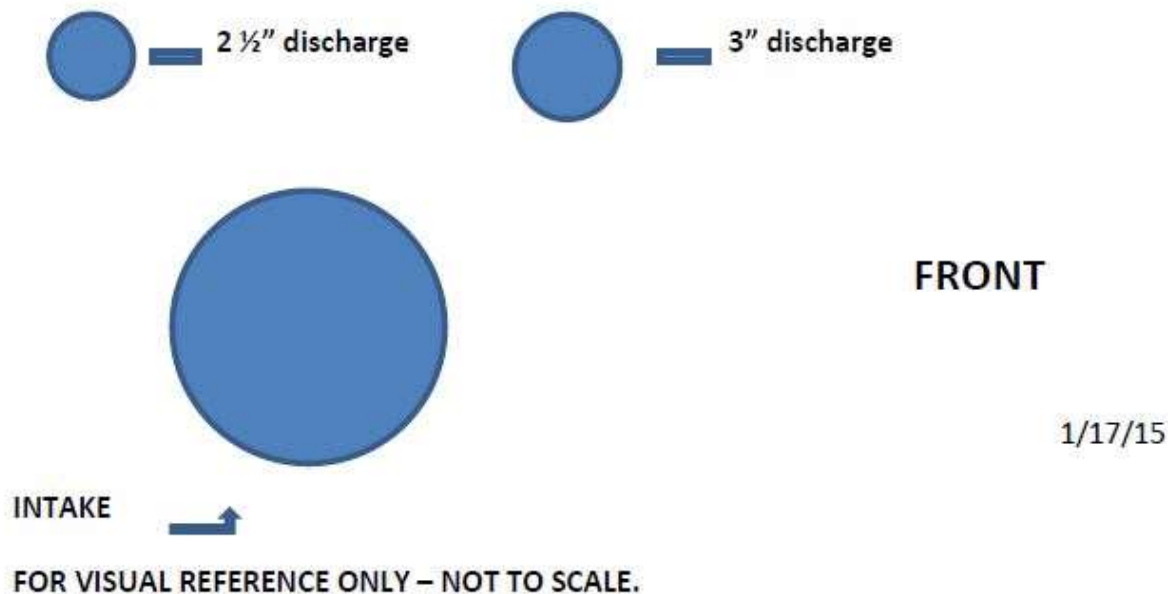
One 2 1/2" discharge and one 3" discharge shall be provided on the right side pump panel. The 3" discharge shall be located forward of the intake and the 2 1/2" shall be located rear of the intake.

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HALE Q-MAX H2-R3B-0

QW 07-00-6710

- One 2 ½" discharge rear of intake.
- One 3" discharge forward of intake



## One (1) right side 2 1/2" discharge(s):

The right side 2 1/2" discharge shall be manually controlled on the pump panel.

The discharge shall be equipped with a chrome plated brass or bright finish stainless steel discharge elbow with 2 1/2" MNST thread.

A 2 1/2" chrome plated NST cap and chain shall be provided.

## One (1) right side 3" discharge(s):

The right side 3" discharge shall be manually controlled on the pump panel. The control shall have an integrated slow closing mechanism to comply with NFPA 1901.

The discharge shall extend straight out of the apparatus with no elbow.

A Kochek model SKE5T3R 3" FNST x 5" locking swivel storz elbow adapter shall be provided on the right side 3" discharge(s) with a model ZCC507 5" blind cap and chain.

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## LEFT SIDE DISCHARGES

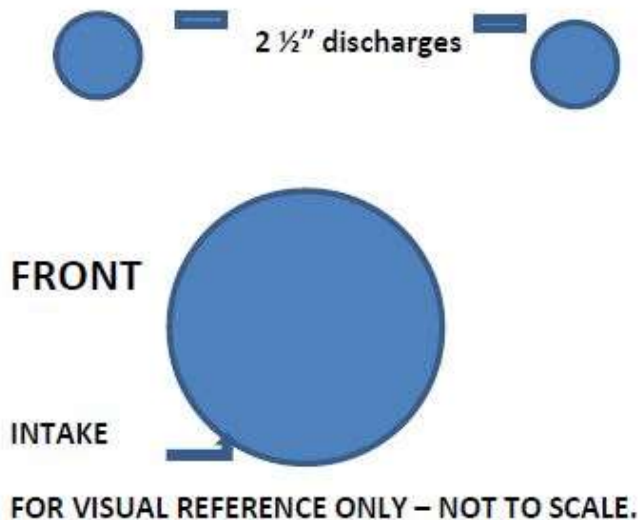
Two 2 1/2" discharges shall be provided on the left side pump panel. The discharges shall be located one forward of the intake and one located rear of the intake.

HALE Q-MAX

H2-L3A-0

QW 07-08-3500

- One 2 1/2" discharge forward of intake
- One 2 1/2" discharge rear of intake.



1/17/15

Two (2) left side 2 1/2" discharge(s):

The left side 2 1/2" discharge shall be manually controlled on the pump panel.

The discharge shall be equipped with a chrome plated brass or bright finish stainless steel discharge elbow with MNST thread.

A 2 1/2" chrome plated NST cap and chain shall be provided.

## RIGHT REAR 2 1/2" DISCHARGE

One (1) 2 1/2" discharge shall be provided on the right rear of the apparatus.

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The valve shall be manually controlled on the pump panel.

A chrome discharge elbow shall be provided with 2 1/2" NST threads.

A 2 1/2" FNST x 1 1/2" MNST chrome plated reducer shall be provided on the right rear 2 1/2" discharge(s) with a 1 1/2" chrome plated cap and chain.

## **LEFT REAR 2 1/2" DISCHARGE**

One (1) 2 1/2" discharge shall be provided on the left rear of the apparatus.

The valve shall be manually controlled on the pump panel.

A chrome discharge elbow shall be provided with 2 1/2" NST threads.

A 2 1/2" chrome plated NST cap and chain shall be provided.

## **1 3/4" LOW MOUNT CROSSLAY PRECONNECTS**

Two 1 3/4" preconnected crosslays shall be provided and located between the chassis cab and the top mounted operator's walkway standing position.

The crosslay compartment shall be constructed of 5052 smooth aluminum sheet material with a random brushed finish applied after fabrication. Each crosslay shall be piped using 2" piping or high pressure hose incorporating a 2" valve with the control on the top mount pump operator's panel.

An aluminum treadbrite full length hinged cover shall be provided on the top of the crosslay compartment. Rubber spacer blocks shall be provided on the back of the cab to keep the cover from contacting the cab when the cover is in the raised position.

The #1 - hand line crosslay shall have the capacity to hold 200' of 1 3/4" or 2" fire hose and nozzle.

The #2 - hand line crosslay shall have the capacity to hold 200' of 1 3/4" or 2" fire hose and nozzle.

The valve(s) shall be manually controlled on the pump panel.

There shall be two (2) 2" swivel elbows with 1 1/2" male NST hose thread connections provided on the 1 3/4" cross lay hose beds. The swivels shall be mounted in a position to prevent hose "pinching" at the hose thread connection.

3/4" manual drain valves shall be provided for all 1 3/4" crosslays. The valves shall have an all brass body with heavy duty neoprene seal.

## **CROSSLAY COMPARTMENT ENDS - BLACK WEBBING**

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The crosslay compartment shall be enclosed on each end using a heavy duty webbing to prevent hose from accidentally unloading. The webbing shall be black.

A yellow nozzle strap shall be provided for each crosslay. The strap shall be designed to loop through the nozzle handle and secured to the apparatus to keep nozzle from coming out of the crosslay compartment without manually disconnecting the nozzle strap.

The crosslay/speedlay end cover shall be secured with footman loops and velcro straps.



Footman loops may be on sides, bottom  
Or combination of both depending on  
Apparatus design

## **3" MONITOR DISCHARGE**

A 3" monitor discharge shall be provided above the pump compartment. The discharge piping shall extend above the pump compartment a sufficient distance to allow use of the deck gun.

The valve shall be manually controlled on the pump panel. The control shall have an integrated slow closing mechanism to comply with NFPA 1901.

## **CAPPED MONITOR DISCHARGE**

The monitor discharge shall be capped with a female National Pipe Thread cap for future installation of monitor assembly.

## **1 3/4" FRONT BUMPER DISCHARGE(S)**

There shall be one (1) 1 3/4" discharge(s) provided on the front of the apparatus. Piping and valve shall be 2".

## **FRONT 1 3/4" DISCHARGE PIPING- STAINLESS STEEL**

All piping in the front discharge shall be 2" stainless steel pipe. Heavy duty flexible hose may be used in areas that require

# Anamosa IA

a flex joint area or to clear an obstruction. Victaulic couplings shall be used throughout the piping assembly to allow for easy disassembly if necessary. All elbows used in the piping shall be smooth radius type to allow maximum flow and minimum pressure loss.

Bleeder/drain valves shall be installed in all low points in the piping.

The valve shall be manually controlled on the pump panel.

## **21" FRONT BUMPER EXTENSION**

The front bumper shall be extended forward 21" from the chassis grille to accomodate a hosewell.

## **FRONT BUMPER**

A 12" high polished stainless steel bumper shall be provided on the front bumper extension. The bumper shall be a two-rib (top and bottom) with radius outer corners. A 2" flange shall be provided on the top and the bottom of the bumper.

This bumper will replace the bumper normally provided from the chassis manufacturer.



This pic shows several optional items.

## **BUMPER EXTENSION APRON**

An aluminum treadbrite apron shall be provided in the area between the extended bumper and the chassis cab.

## **BUMPER EXTENSION HOSE WELL**

A hose well shall be provided in the bumper extension. The hose well shall be designed to fit between the front bumper frame rail extensions shall be "flush" with the apron.

The hose well shall be 26" wide x 7" long x 15" depth and shall have the capacity for 100' of 1 3/4" fire hose.

The floor of the hose well shall be covered with Turtle Tile.

## **ALUMINUM TREADBRITE FRONT BUMPER HOSE WELL COVER - FLAT**

An aluminum treadbrite cover shall be provided on the hose well to help secure the hose. The cover shall be overlapping flat style. The cover shall be secured with latches.

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## **FRONT BUMPER HOSE WELL FLOORING - TURTLE TILE**

Turtle Tile flooring shall be provided in the hose well.

The Turtle Tile shall be black.

## **FRONT DISCHARGE HOSE CONNECTION**

The hose connection for the discharge shall be located in the bottom of the hose well. The connection shall be angled upward slightly to prevent hose kink when in use.

The front bumper discharge shall have a 1 1/2" MNST thread connection.

## **PUMP COMPARTMENT**

A modular pump compartment with top mounted pump operator's panel shall be provided. The modular design of the pump compartment shall allow the compartment to be fully independent of the apparatus body. A 1" flex joint shall be provided between the pump compartment and the apparatus body.

The modular design of the pump compartment shall allow the entire pump system, including the pump itself, to be removed from the apparatus in a one-piece assembly while leaving the body intact and without having to cut any sheet metal or welds.

## **STAINLESS STEEL PUMP COMPARTMENT CONSTRUCTION**

The entire pump compartment shall be constructed using only 304 marine grade stainless steel fabricated sheeting with a #4 annealed and polished finish on all exterior surfaces. The pump compartment shall not require any finish painting. Due to the extreme twisting and flexing that all fire apparatus are subjected to, aluminum shall not be used in any portion of the pump compartment structural support. The use of any type of enclosed tubing that requires the use of self-tapping or any other type of machine screw shall not be acceptable.

## **TOP MOUNT PUMP OPERATOR'S WALKWAY**

# Anamosa IA

An 18" wide (front to rear) pump operator's walkway shall be provided between the pump compartment and the chassis cab. A 1" minimum space shall be provided between the walkway edges, pump compartment and rear wall of the chassis.

## **TOP MOUNT WALKWAY LIGHTING – LED**

Two LED lights shall be provided to illuminate the top mount walkway area.

## **WALKWAY COMPARTMENT - DRIVER'S SIDE**

A compartment shall be incorporated into the walkway assembly on the driver's side of the apparatus. The compartment shall have a minimum depth of 22", and shall be a minimum of 24" wide x 18" high in the rear 13" and no less than 6" high in the forward section.

The entire step and running board assembly shall be horizontally hinged to allow complete access to the compartment. A pneumatic spring hold-open device shall be provided to hold the integrated step/door assembly open.

## **WALKWAY COMPARTMENT - OFFICER'S SIDE**

A compartment shall be incorporated into the walkway assembly on the officer's side of the apparatus. The compartment shall have a minimum depth of 22", and shall be a minimum of 24" wide x 18" high in the rear 13" and no less than 6" high in the forward section.

The entire step and running board assembly shall be horizontally hinged to allow complete access to the compartment. A pneumatic spring hold-open device shall be provided to hold the integrated step/door assembly open.

(The right side walkway compartment dimensions may be effected by the chassis exhaust system design.)

## **WALKWAY COMPARTMENT FLOOR**

The walkway compartment floors shall have Turtle Tile floor tiles.

## **WALKWAY COMPARTMENT LIGHTING – LED**

An LED strip light shall be provided in the under walkway compartment(s). The light(s) shall be activated by the pump panel light switch.

## **INTERMEDIATE WALKWAY ACCESS STEPS**

Intermediate steps shall be provided on each side of the walkway, positioned between the walkway surface and the 'runningboard' height step. The steps shall be constructed of NFPA aluminum treadbrite.

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## **INTERMEDIATE WALKWAY ACCESS STEPS**

Intermediate steps shall be provided on each side of the walkway, positioned between the walkway surface and the 'runningboard' height step. The steps shall be constructed of NFPA aluminum treadbrite.



## **TOP MOUNT PUMP OPERATOR'S WALKWAY MATERIAL**

The entire pump operator's walkway assembly shall be constructed of NFPA compliant slip resistant aluminum treadbrite on all stepping surfaces.

## **PUMP COMPARTMENT RUNNING BOARDS**

The pump compartment side running boards shall be constructed of NFPA compliant slip resistant aluminum treadbrite.

## **PUMP HEAT PAN ENCLOSURE - ALUMINUM**

An aluminum heat pan shall be provided to enclose the bottom of the pump compartment. Aluminum material shall be used to prevent rust and corrosion that is commonly found in pans made of steel. The assembly shall completely enclose the underside of the pump to aid in the prevention of freezing in winter weather. The bottom of this enclosure shall be designed to be easily removed without the need to remove any bolts or fasteners. For ease of handling, the bottom enclosures shall be installed in two sections. One section shall slide out each side for maintenance and pump compartment clean out. Drain holes shall be provided in the bottom.

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## **PUMP COMPARTMENT HEATER**

A minimum 40,000 BTU hot water type heater shall be provided and mounted within the pump compartment. Both the feed and return coolant hoses shall be routed within the frame rails from the engine compartment to the heater in the pump compartment. Shutoff valves shall be provided in both lines and shall be located in an easily accessible location within the engine compartment. A 12 volt fan shall be provided and shall be mounted to direct heated air toward the back of the gauge panel.

A lighted switch shall be provided on cab console to activate/de-activate the heater fan.

## **PUMP COMPARTMENT HEATER HOSE**

The pump compartment heater shall be connected to the chassis engine using Gates Green Stripe or comparable rubber heater coolant hose.

## **SIDE PUMP PANELS ROLL UP DOORS**

A roll up door shall be provided to cover the left and right side pump intake and discharge panels. The sides of the pump compartment shall be extended to the apparatus body width.

## **PUMP COMPARTMENT ROLL UP DOORS - PAINTED FINISH**

The roll up doors that cover the side pump panels shall be painted the single primary color of the apparatus body.

## **PUMP COMPARTMENT ACCESS DOOR - FRONT WALL**

An easily removable aluminum treadbrite pump access door shall be provided in the front of the pump compartment. This panel shall be held in place with two latches.

## **PUMP COMPARTMENT SIDE ACCESS DOORS - TOP MOUNT**

A brushed stainless steel hinged access door shall be provided on each side of the pump compartment. The doors shall be horizontally hinged and have pneumatic hold open devices and push button type flush latches. The doors shall be a minimum of 30" wide x 20" high.

## **TOP MOUNT BRUSHED STAINLESS STEEL PUMP PANEL**

A rear facing top mounted pump panel shall be provided to allow simple, efficient operation of all pump functions necessary during normal operations.

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A dual level inclined pump panel shall be provided for convenient user friendly layout of the panel to simplify the operation of the apparatus. Both levels of the panel shall be sloped to provide an angled view of the panel so that the operator may read all identification labels easily.

All controls for the pump shall be identified using permanently engraved identification labels properly secured to the panel. All discharge and intake identification labels shall be color coded to NFPA 1901 recommendations with labels at the control, intake/discharge location and drain port location.

The front incline panel shall be constructed of brushed stainless steel and shall begin at the lower edge of the front panel just behind the control levers and continue back to the area which the second incline level begins.

The rear incline panel shall be constructed of brushed stainless steel and shall begin just above the pressure gauge mounting area and continue up to the top of the pump compartment. The panel shall have a full width stainless steel hinge at the bottom to allow the panel to hinge forward for access to the back of the panel. A latch shall be provided on each end to secure the panel in the closed position. A full pump panel width brushed stainless steel light shield shall be provided at the top of the gauge panel.

## **SIDE INTAKE/DISCHARGE PANELS - TOP MOUNT**

The side panels of the pump compartment shall be constructed of brushed stainless steel. The side panels shall be easily removable and held into place using stainless steel or chrome plated flush mounted latches.

Panels that are permanently attached to the pump compartment or require removal of mechanical fasteners are not acceptable.

## **LED PUMP PANEL LIGHTS**

The top mount pump panel shall be illuminated using a track type LED light assembly.

The light shall be constructed of an unbreakable type clear poly flexible material housed in an aluminum extrusion mounted behind a brushed stainless steel light shield shall be provided across the top of the gauge panel.

## **LED SIDE DISCHARGE/INTAKE PANEL LIGHTS**

The right and left side discharge and intake panels shall be illuminated using a track type LED light assembly on each side.

The lights shall be constructed of an unbreakable type clear poly flexible material housed in an aluminum extrusion mounted behind a brushed stainless steel light shield provided across the top of the gauge panel.

## **AUTOMATIC PUMP PANEL LIGHT ACTIVATION**

The pump panel lights above the pump control panel shall function automatically with the pump shift activation.



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## **ENCLOSED MOUNT PUMP PANEL AUXILIARY LIGHTS - L.E.D.**

In addition to the horizontal LED lighting above the pump panel, the enclosed side mount pump panel shall have vertical LED track style lighting to the front and rear in the door jamb area on both sides. Four LED track style lights total.

The lights shall be constructed of an unbreakable type clear poly flexible material housed in an aluminum extrusion mounted behind a brushed stainless steel light shield provided across the top of the gauge panel.

## **INNOVATIVE CONTROLS TOP MOUNT CONTROL HANDLES**

All top mount valve control handles shall be Innovative Controls 'locking' lever type with "T" handles. The "T" handles shall be chrome plated zinc and shall have a recessed area for the color coded identification label.

## **VALVE CONTROL LINKAGES**

All manual valve controls requiring remote actuation shall have control rod linkages constructed of 1/2" galvanized pipe and shall implement heavy ball swivel joints and clevises for smooth valve operation.

## **ICI MASTER PUMP DISCHARGE PRESSURE GAUGE**

An ICI 4" diameter master pressure gauge shall be provided to indicate the main pump discharge pressure. The gauge shall read from 30" hg vacuum to 400 psi and shall be accurate within +/- 1%. The gauge shall be glycerin filled (-40F to +150F) and have a high impact resistant clear acrylic lens.

## **ICI MASTER PUMP INTAKE PRESSURE GAUGE**

An ICI 4" diameter master pressure gauge shall be provided to indicate the pump intake pressure. The gauge shall read from 30" hg vacuum to 400 psi and shall be accurate within +/- 1%. The gauge shall be glycerin filled (-40F to +150F), read up to 400 psi, be accurate within +/- 1% and have a high impact resistant clear acrylic lens.

The master intake and discharge gauges shall have bright finish bezels.

The master gauge dials shall be white with black markings. The needle shall match the color of the markings.

The master intake gauge shall be clearly labeled "PUMP INTAKE" and shall be located to the left of the master discharge pressure gauge. The label shall be burgundy color.

The master discharge gauge shall be clearly labeled "PUMP DISCHARGE" and shall be located to the right of the intake pressure gauge. The label shall be black color.

The master intake/discharge pressure gauges shall have a lifetime non-yellowing and freeze warranty. The gauges shall also be warrantied for 4 years for defects in materials and workmanship, including fluid leakage. The warranty will not

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cover labor costs and/or transportation costs.

## **PRESSURE/VACUUM TEST PLUGS**

Underwriter's test plug adapters shall be provided for connection of pump test gauges.

## **INNOVATIVE CONTROLS SL PLUS TANK GAUGE - PUMP PANEL**

An Innovative Controls SL Plus tank gauge shall be provided on the pump panel. The gauge shall feature a 180 degree highly visible wide view ultra-bright LED display showing the level of the booster tank.

The gauge shall have a chrome bezel.

## **TANK GAUGE PARK BRAKE DISABLE**

The tank gauge(s) shall be disabled when the park brake is released so that the lights are not a distraction when the vehicle is in motion.

## **ICI DISCHARGE PRESSURE GAUGES**

Unless otherwise specified, each 1 1/2" or larger discharge shall have an ICI pressure gauge. The gauge shall be glycerin filled (-40F to +150F), read from 0 - 400 psi, be accurate within +/- 1% and have a high impact resistant clear acrylic lens.

The individual discharge pressure gauges shall have a 2 3/4" diameter.

The discharge pressure gauge dials shall be white with black markings. The needle shall match the color of the markings.

The pressure gauge shall be directly in line with or adjacent to the discharge control handle for the discharge that they provide pressure readout for. **For ease of operation, this requirement must be strictly adhered to. There shall be no exception to this requirement.**

The gauges shall be clearly labeled with permanent color coded labels.

The discharge pressure gauges shall have a lifetime non-yellowing and freeze warranty. The gauge shall also be warrantied for four years for defects in materials and workmanship including fluid leakage. Warranty will not cover labor costs and/or transportation costs.

## **PUMP PANEL AIR HORN BUTTON**

A momentary push button shall be provided on the pump panel to activate air horns.

## **IDENTIFICATION LABELS FOR PUMP PANEL**

Innovative Controls verbiage label bezels shall be installed. The bezel assemblies will be used to identify apparatus components. These labels shall be designed and manufactured to withstand the specified apparatus service environment.

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Where required, the verbiage label bezel assemblies shall include a chrome plated panel mount bezel with durable easy to read UV resistant polycarbonate inserts featuring the specified verbiage and color coding. The UV resistant polycarbonate verbiage and color inserts shall be sub-surface screen printed to eliminate the possibility of wear and protect the inks from fading. Both the insert labels and bezel shall be backed with 3M permanent adhesive (200MP), which meets UL969 and NFPA standards.

The color scheme for the discharge and intake labels shall be per NFPA A.16.9.1

## **RADIO COMPARTMENT**

An aluminum treadbrite radio compartment shall be provided and mounted above and behind the top mount hinged gauge panel. The compartment shall not be mounted on the panel itself. The compartment shall be 17" wide x 9" high x 9 1/2" depth and shall have a brushed stainless steel hinged door with latch. The door shall be weatherstripped to help prevent water from entering the compartment.



## **BOOSTER TANK- UNITED PLASTIC FABRICATING, INC.**

The tank shall have a LIFETIME warranty provided by United Plastic Fabricating, Inc.

The tank exterior shell shall be constructed of minimum 1/2" thick PT3 polypropylene sheet stock. This material shall be non-corrosive stress relieved thermoplastic which is U.V. stabilized for maximum protection. The booster tank shall be of a specific configuration and is designed to be completely independent of the body and compartments. All joints and seams shall be nitrogen welded and tested for maximum strength and integrity. The tank construction shall include Poly Pro Seal technology. A sealant shall be installed between the plastic components prior to being fusion welded. This sealing method will provide a liquid barrier offering leak protection in the event of a weld compromise.

The transverse swash partitions shall be manufactured of 3/8" PT3 polypropylene material. The longitudinal swash partitions shall be constructed of 3/8" PT3 polypropylene and extend through the cover to allow for positive welding and maximum integrity. All partitions shall be equipped with vent and air holes to permit movement of air and water between compartments. The partitions shall be designed to provide maximum water flow. All swash partitions shall interlock with

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one another and are welded to each other as well as to the walls of the tank. All partition spacing shall be compliant with NFPA 1091 recommendations.

The top of the booster tank shall be fitted with removable lifting eyes.

The tank cradle assembly shall be designed to provide support to the tank. The assembly shall be approved by the manufacturer of the tank.

## **BOOSTER TANK CAPACITY 1,000 GALLONS**

The poly booster tank shall have a capacity of 1,000 U.S. gallons.

## **BOOSTER TANK FILL TOWER - LEFT SIDE FRONT**

The tank shall have a combination vent and manual fill tower. The fill tower shall be constructed of 1/2" polypropylene and shall be a minimum of **12" x 12"** outer dimension. The tower shall be located in the left front corner of the hose bed. The tower shall have a 1/4" thick removable polypropylene screen and polypropylene hinged type cover.

## **4" TANK OVERFLOW**

A 4" diameter tank vent/overflow shall be provided and integrated into the tank. The piping shall be a minimum of schedule 40 polypropylene designed to run through the tank and discharge behind the rear wheels.

## **1" TANK SUMP DRAIN**

A 1" drain shall be provided in the bottom of the tank sump to fully drain the tank. The drain shall use 1" stainless steel piping with a 1" valve.

The control for the valve shall be remotod to the driver's side of the apparatus just under and behind the side rub rail. The drain control handle shall be labeled "TANK DRAIN".

## **3" TANK SUMP CLEAN OUT PLUG**

A 3" tank sump clean out plug shall be provided in the bottom of the tank sump.

## **3" TANK TO PUMP**

One 3" tank to pump line(s) and valve(s) shall be provided between the tank and the pump. The piping from the sump to the valve shall be 4".

The tank to pump valve shall be manually controlled on the pump panel.

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## **TANK TO PUMP CHECK VALVE**

A check valve assembly shall be provided on the pump. The valve shall prevent unintentional back filling of the tank through the tank to pump line. Connection from the valve to the tank shall be made by using a non-collapsible flexible rubber hose.

## **HOT DIPPED GALVANIZED SUB FRAME**

The tank cradle and body substructure shall be constructed of high strength ASTM A-36 structural steel with 36,000 psi minimum yield strength. The entire substructure shall be framed and jig welded together to insure a truly square assembly. The substructure shall be fastened to the chassis rails so that it may be easily removed from the chassis for repair, replacement or mounting to a new chassis.

After complete assembly of the tank cradle substructure, the entire assembly shall be hot dipped galvanized for superior corrosion protection.

Due to the extreme duty that this apparatus will experience during its intended service life and to prevent rusting and corrosion from shortening the service life of this apparatus, sub frames fabricated of painted/undercoated steel or aluminum tubing shall not be acceptable.

## **20 YEAR SUB-STRUCTURE WARRANTY**

The tank cradle and body substructure shall have a 20 warranty covering failure due to corrosion perforation or structural design error.

This warranty shall be in effect for 20 years after delivery of the apparatus to the customer. **NO EXCEPTION.**

## **HYPER-FLEX BODY MOUNTING**

The body module assembly shall be mounted to the chassis frame rails with "*Hyper-Flex*" vibration and shock isolators using a forward mounting system. Flexible neoprene pads, or U-springs especially developed for the expected weight and torsional flexing of the apparatus body, shall be incorporated into the system to eliminate chassis frame rail flex from transmitting harmful loads and twisting onto the body.

## **100" BODY WIDTH**

The apparatus body shall be 100" wide from side to side measuring from the rub rail mounting surface.

## **APPARATUS BODY MATERIAL**

The entire apparatus body shall be constructed of 304 marine grade stainless steel with a #4 annealed and polished finish. The interior of the apparatus body shall not require any finish painting. The compartment interiors must be a #4 finish. Mill finish or DA sanded finish will not be acceptable.

## **APPARATUS BODY CONSTRUCTION**

The entire apparatus body shall be formed by sheering and bending the sheet metal. Metal tubular structures or

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extrusions shall not be used in the construction of the apparatus body. All edges of the sheared metal shall be sanded to remove any sharp shearing edges prior to bending the metal. After sheering and bending, the body shall be assembled on a jig table that is designed to hold all parts securely in place to insure an accurately built apparatus body.

## **APPARATUS BODY ASSEMBLY METHOD**

The entire apparatus body shall be assembled using only bolted type construction. All apparatus body parts shall be able to be unbolted without the need to cut welds, etc. No exceptions to this requirement as all apparatus manufacturers have the capability to manufacture apparatus bodies in this manner.

## **COMPARTMENT FLOORS**

All compartment floors shall be constructed of 304 marine grade stainless steel with a # 4 annealed and polished finish on the interior surface. The drain ports shall be designed to prevent road spray from entering the compartment. The front edge shall consist of a minimum of two bends to provide additional strength in the compartment floor and shall then form the lower door jamb.

All compartment floors shall be sweep out design. This shall include the lower side compartments, any compartments above the wheel well, any transverse compartments, and the rear face compartment(s). Any exception to this requirement will cause immediate rejection of bid.

## **INTERIOR COMPARTMENT SURFACES**

All visible interior compartment surfaces shall be 304 marine grade stainless steel with a # 4 annealed and polished finish. Surfaces that are painted or coated in any manner, raw material or any surface with any type sanded finish are not acceptable.

## **FRONT COMPARTMENT CORNERS**

The apparatus body front compartment corners and vertical faces on both sides shall be constructed of 304 marine grade stainless steel with a # 4 annealed and polished finish. The corners shall be a one-piece fabrication from top to bottom and from the inner body panel to the outer face of the compartment to provide maximum strength. Corners using structural support channels or extrusions that require two or more pieces shall not be implemented.

The # 4 finish corner shall wrap around the side of the apparatus body and form the front compartment door jamb providing front corner protection.

## **REAR COMPARTMENT CORNERS - BRUSHED**

The apparatus body rear compartment corners and vertical faces on both sides shall be constructed of 304 marine grade stainless steel with a # 4 annealed and polished finish. The corners shall be a one- piece fabrication from top to bottom and from the inner body panel to the outer face of the compartment to provide maximum strength. Corners using structural support channels or extrusions that require two or more pieces shall not be implemented.

The # 4 finish corner shall wrap around the side of the apparatus body and form the rear compartment door jamb providing front corner protection.

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## **COMPARTMENT TOPS/CEILINGS**

The apparatus body compartment tops shall be constructed of 304 marine grade stainless steel with a # 4 annealed and polished finish on the interior surface.

## **COMPARTMENT TOP OVERLAY**

The compartment top shall be overlaid with 1/8" aluminum treadbrite. The aluminum treadbrite shall be an overlay only and shall not form any structural part of the apparatus body or shall the bottom side of the treadbrite be visible when looking into the compartment.

## **PAINTED FENDERWELLS**

The left and right side rear fender wells shall be constructed of stainless sheet steel. The fender wells shall be radius cut and shall have a full circular inner liner to prevent rust pockets and for ease of cleaning. A 1" gap shall be provided on the bottom of each side of the circular liner to allow drainage of water and for easy cleanout. Sufficient clearance shall be provided for tire chains. Before the booster tank is installed, the fender wells shall be thoroughly cleaned and all seams sealed to prevent corrosion in the fender well area.

## **PAINTED FENDERWELLS**

The fender wells shall be finish painted the primary exterior color of the apparatus.

## **UPPER DOOR POSTS - PAINTED**

The upper door post to the front and rear of the compartment door above the rear wheels shall be constructed of stainless sheet steel.

The outer surface of these door posts shall be finished painted.

## **REMOVABLE INNER FENDER LINER**

The fender wells shall be radius cut and shall have a circular inner liner to prevent corrosion pockets and for ease of cleaning. The inner liner shall be constructed of high impact polypropylene material and shall be fully removable for chassis suspension access.

To prevent the accumulation of potential corrosive materials in the fender well area, there shall be no exception to the removable inner fender liner.

## **STAINLESS STEEL FENDERETTE**

The fender wells shall be trimmed with a polished stainless steel fenderette. The stainless steel fenderette shall be secured into place with stainless steel fasteners and shall be easily removable for replacement. A black rubber fender welting shall be provided between the fenderette and the inner liner surface. The fenderettes shall protrude from the apparatus body a maximum of 1".

## **REPLACEABLE FENDERETTE**



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The stainless steel fenderette shall be secured to the apparatus body with stainless steel fasteners and shall be easily removable for replacement.

Fenderettes that are welded to the apparatus body are not acceptable.

## **OUTER BODY SIDES**

The outer left and right side body panels above the compartment tops shall be constructed of 304 2B marine grade stainless steel with a # 4 brushed finish and shall not require any finish paint.

## **COMPARTMENT VENTILATION**

Each compartment shall be ventilated to the exterior of the body through a removable metal ventilation plate in the compartment wall or through pass through ventilation into an adjoining compartment.

A cleanable filter material shall be provided behind the plate.

Plastic cover plates will not be acceptable.

## **ROM SERIES IV ROLL UP COMPARTMENT DOORS**

For all compartments requiring roll up doors, Robinson (ROM) Series IV roll up doors shall be installed.

Each shutter slat, track, bottom rail, and drip rail shall be constructed from anodized 6063 T6 aluminum.

The shutter slats shall feature a double wall extrusion 0.315" thick with a concave interior surface to minimize loose equipment jamming the shutter door closed. Shutter slats shall feature an interlocking end shoe to prevent side to side binding of the shutter door during operation. Slat must have interlocking joints with an inverted locking flange. The slat inner seal shall be a one piece PVC extrusion designed to prevent metal to metal contact while minimizing dirt and water from entering the compartment.

The shutter door tracks shall be one piece design with integral overlapping flange to provide a clean finished look without the need of caulk. Door tracks shall feature an extruded Santoprene rubber double lip low profile side seal with a silicone co-extruded back to reduce friction during shutter operation.

The shutter bottom rail shall be a one piece double wall extrusion with integrated finger pull. The finger pull shall be curved upward with a linear striated surface to improve operator grip while operating the shutter door. The bottom rail shall have a smooth contoured interior surface to prevent loose equipment from jamming the shutter door. Bottom rail seal shall be made from Santoprene and shall be a double "V" seal to prevent water and debris from entering compartment. The bottom rail lift bar shall be a one piece "D" shaped aluminum extrusion with linear striations to improve operator grip during operation. The lift bar shall have a wall thickness of 0.125" and be supported by no less than two pivot blocks constructed from Type 66 Glass filled reinforced nylon for superior strength. The bottom rail end blocks shall have incorporated drain holes which will allow any moisture that collects inside the extrusion to drain out.

Shutter door shall have an enclosed counter balance system. The system shall be 4" in diameter and held in place by 2 heavy duty 18 gauge zinc plated plates. The counter balance system shall have 2 over-molded rubber guide wheels to provide a smooth transition from vertical track to counter balance system; no foam material of any kind shall be permitted or used in this area.

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## **ROLL UP DOOR SHROUD**

Roll up door schrouds shall be provided on six (6) compartment doors. The shroud(s) shall protect the roll up drum from possible damage from shifting equipment and protect the stored equipment in the compartment from water drainage of snow or rain covered doors when they have been rolled up.

## **STAINLESS STEEL COATED FASTENERS**

All fasteners used in the finish construction of the apparatus body shall be marine grade stainless steel. Fasteners that pass through a dissimilar metal panel shall be Magna-Gard, or equal, coated to help prevent metal reaction and corrosion.

As the Magna-Gard, or equal, coating is a "baked on" type coating providing for excellent adhesion to the fastener, spray on type coatings may be used in conjunction with the Magna-Gard, or equal, but not in place of it.

Because dissimilar metal corrosion is a common occurrence on all apparatus and the Magna-Gard (or similar "baked on" coatings) fasteners are commercially available to all manufacturers and is not a proprietary product, there shall be no exception to this requirement.

## **DRIVER'S SIDE COMPARTMENT IN FRONT OF THE REAR WHEELS**

A compartment shall be provided in front of the rear wheels. The compartment interior dimensions shall be 67" high x 59.75" wide with the lower 28" of the compartment being 26" usable depth and the remaining upper section being 14" usable depth.

**The compartment shall have a roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **DRIVER'S SIDE ABOVE WHEEL COMPARTMENT**

A compartment shall be provided above the rear wheels. The compartment interior dimensions shall be 37" high x 63.75" wide x 14" usable depth.

**The compartment shall have roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **DRIVER'S SIDE COMPARTMENT BEHIND REAR WHEELS**

A compartment shall be provided behind the rear wheels. The compartment interior dimensions shall be 67" high x 44" wide x 26" useable depth in in a portion of the lower section and the remaining upper section being 14" usable depth.

**The compartment shall have a roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **PASSENGER'S SIDE COMPARTMENT IN FRONT OF THE REAR WHEELS**

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A compartment shall be provided in front of the rear wheels. The compartment interior dimensions shall be 67" high x 59.75" wide with the lower 28" of the compartment being 26" usable depth and the remaining upper section being 14" usable depth.

**The compartment shall have a roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **PASSENGER'S SIDE ABOVE WHEEL COMPARTMENT**

A compartment shall be provided above the rear wheels. The compartment interior dimensions shall be 37" high x 63.75" wide x 14" usable depth.

**The compartment shall have a roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **PASSENGER'S SIDE COMPARTMENT BEHIND REAR WHEELS**

A compartment shall be provided behind the rear wheels. The compartment interior dimensions shall be 67" high x 44" wide x 26" useable depth in in a portion of the lower section and the remaining upper section being 14" usable depth.

**The compartment shall have a roll up door which shall be painted to match the primary exterior color of the apparatus.**

## **REAR FACE COMPARTMENT**

A rear compartment shall be provided on the apparatus just ahead of the rear step. The compartment shall be a minimum of 30" useable depth.

## **REAR COMPARTMENT HEIGHT**

The rear facing compartment shall extend upward and shall be flush with the top of the booster tank to maximize the height of the rear compartment.

There shall not be a void area between the top of the rear facing compartment and the bottom of the hose bed nor shall the booster tank extend over the rear compartment.

## **REAR FACE COMPARTMENT DOOR - ROLL UP**

The rear compartment shall have a roll up door. The door shall have a satin finish.

## **DRIVER'S SIDE REAR COMPARTMENT - TRANSVERSE**

The driver's side compartment behind the rear wheels shall be open into the rear facing compartment (transverse).

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## **PASSENGER'S SIDE REAR COMPARTMENT - TRANSVERSE**

The passenger's side compartment behind the rear wheels shall open into the rear facing compartment (transverse).

## **REAR STEP MATERIAL - NFPA ALUMINUM TREADBRITE**

The rear step shall be constructed of NFPA complaint bright finish aluminum treadbrite.

## **18" REAR TAILBOARD STEP**

The outer rear edge of the rear step shall be positioned 18" from the rear face of the apparatus. This shall include an approximate 3/4" wash out gap at the rear face of body.

## **RUBRAILS - BRIGHT ANODIZED ALUMINUM**

Extruded aluminum rub rails shall be provided on the apparatus body sides. The rub rails shall have a bright finish with anodized coating to protect the finish. The rub rails shall be spaced from the apparatus body a minimum of 1/4" with poly spacers.

The rub rails must be bolted on to the apparatus body to allow easy replacement if damaged. Rub rails that are permanently fastened to the apparatus body by welding or any other permanent method will not be acceptable. **NO EXCEPTION WILL BE ALLOWED TO THIS REQUIREMENT.**

## **RUB RAIL ENDS**

The rub rail ends shall be 'capped' with a high impact resistant black EPDM contoured block.

## **HOSE BED FLOORING**

The floor of the hose bed shall be constructed of fiber reinforced Dura-Dek, or equal, material.

The top portion of each "T" cross section shall measure 1 5/8" wide x 3/16" thick with beaded ends. The vertical portion shall be 3/16" thick tapering out at the bottom to a thickness of 1/2" and have an overall height of 1". The "T" sections shall be spaced 3/4" apart to allow for drainage and ventilation.

The flooring shall then be protected with a polyurethane coating to screen out ultraviolet rays. The gray colored coating shall be baked on and include a slip resistant material.

## **HOSE BED - 68" WIDE**

The hose bed shall be 68" wide from side to side.

## **HOSE BED CAPACITY**

The hose bed shall have the capacity to carry the following hose load:

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## **HOSE BED DIVIDER(S)**

There shall be two (2) hose bed divider(s) to partition off hose. The divider(s) shall be constructed of 3/16" thick aluminum plate material. The lower edge of the divider(s) shall have a two inch 90-degree bend toward one side and a 2" x 2" x 3/16" aluminum angle welded to the other side.

The divider(s) shall be adjustable by sliding in tracks which are recessed flush into the hose bed flooring, one on front and one on rear. The divider shall be held in place by two bolts on each end.

The upper rear corner of the divider(s) shall have a minimum of a 3" radius cut with a 1" aluminum rub plate.

The divider height shall be the same height as the side as the apparatus body walls.

## **HOSE BED BULKHEAD**

A bulkhead divider shall be provided in the front area of the hose bed separating the hose bed from the tank fill tower(s).

## **FORWARD HOSEBED DUNNAGE AREA**

The floor of the forward dunnage area shall be constructed of fiber reinforced Dura-Dek, or equal, material. The top portion of each "T" cross section shall measure 1 5/8" wide x 3/16" thick with beaded ends. The vertical portion shall be 3/16" thick tapering out at the bottom to a thickness of 1/2" and have an overall height of 1". The "T" sections shall be spaced 3/4" apart to allow for drainage and ventilation. The flooring shall then be protected with a polyurethane coating to screen out ultraviolet rays. The gray colored coating shall be baked on and include a slip resistant material.

## **HOSE BED COVER WITH VELCRO FASTENERS**

A heavy duty vinyl coated nylon hose bed cover shall be provided to protect the hose load from the weather. The cover shall extend from the front of the hose bed to the rear and then extend downward to cover the exposed rear of the bed.

The cover shall have a double reinforced area where the cover comes into contact with the upper rear corners of the hose bed dividers. The cover shall be secured to the apparatus using Velcro on the sides and lift dots on front.

## **HOSE BED COVER FRONT ATTACHMENT**

The front edge of the hosebed cover shall be permanently attached to the front of the hosebed area using an awning rail type assembly.

## **HOSE BED COVER - BLACK**

The hose bed cover shall be black.

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## **LOW MOUNT ENCLOSED LADDER COMPARTMENT**

A ladder storage compartment shall be provided on the left side of the apparatus with an access door on the rear. The compartment shall be located below the hose bed level and shall not be located above or through the booster tank. The compartment shall be located between the booster tank and the right side compartments. The door opening shall be 12" wide x 28" high.

For ease of removal and replacement with limited staffing, the compartment shall be designed to carry a 24' and 14' ladder vertically on their beams. All ladders shall be capable of being removed individually without disturbing the remaining ladders.

Storage for the 10' folding attic ladder and pike poles shall be in the upper section of the compartment.

The compartment shall be constructed of 5052 1/8" aluminum with a brushed finish. Individual slides fabricated of 5052 H32 alloy aluminum shall be provided in the compartment on both sides to allow individual storage for all ladders. The slides shall be provided with permanently attached Rodex poly slip blocks with tapered front and rear edges allow easier loading/unloading of the ladders.



## **LADDER COMPARTMENT DOOR**

A smooth aluminum vertically hinged door with a slam-type latch shall be provided on the compartment. The latch shall be activated by a large "D" ring control. The use of lift-and-turn or small snap type latches on this door shall not be acceptable.

The door shall be covered with Chevron material.

## **PIKE POLE STORAGE**

Storage for two straight handle pike poles shall be provided in the ladder storage compartment.

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## **LADDER COMPARTMENT LIGHT**

An LED light shall be provided in the ladder storage compartment. The light shall be mounted just inside the ladder compartment access door and activated with an automatic door switch.

The light switch shall be incorporated into the door ajar warning system in the cab.

## **DUO SAFETY 24' 2-SECTION ALUMINUM LADDER**

One (1) Duo Safety 900A 24' NFPA compliant two section aluminum extension ladder provided and mounted.

## **DUO SAFETY 16' ALUMINUM ROOF LADDER**

One (1) Duo Safety model 875A 16' NFPA compliant aluminum roof ladder with folding hooks provided and mounted.

## **DUO SAFETY 10' ALUMINUM FOLDING ATTIC LADDER**

One (1) Duo Safety 585A 10' NFPA compliant aluminum folding attic ladder shall be provided and mounted.

## **ENCLOSED HARD SUCTION COMPARTMENT**

A compartment for hard suction shall be provided on the right side of the apparatus with an access door with 12" wide x 23 1/2" high opening on the rear. The compartment shall be located below the hose bed level and between the booster tank and the left side compartments.

The compartment shall be constructed of 5052 1/8" aluminum with individual tubular slides constructed of PVC for storage of two lengths of hard suction. Each hard suction shall be capable of being removed individually without having to disturb the remaining hard suction.

The compartment shall have a small LED light mounted just inside the door with an automatic door switch. The light shall be incorporated into the door ajar warning system in the cab.



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## **HARD SUCTION COMPARTMENT DOOR**

A smooth aluminum vertically hinged door with a slam-type latch shall be provided on the compartment. The latch shall be activated by a large "D" ring control. The use of lift-and-turn or small snap type latches on this door shall not be acceptable.

The door shall be covered with Chevron material.

## **6" x 10' HARD SUCTION HOSES (2)**

Two sections of 6" diameter x 10' length clear lightweight PVC hard suction hose shall be provided.

The hard suction shall be coupled long handle FNST x rocker lug MNST.

NOTE: The long handles on the FNST end shall be folding type.

The hard suction shall be Harrington brand.

## **6" LOW LEVEL STRAINER WITH JET**

A Kochek LL60 low level strainer with jet shall be provided. The strainer shall have a 6" FNST swivel connection.

## **LOW LEVEL STRAINER CARRIED PRE-CONNECTED**

The mounting of hard suction hose shall allow the Kochek low level strainer to be carried pre-connected.

## **COMPARTMENT SHELF TRACKS - ALUMINUM**

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Four (4) sets consisting of two heavy duty aluminum adjustable tracks shall be provided in specified compartments, one for each end of shelf.

The tracks shall not be welded to the apparatus body.

## **DUAL COMPARTMENT SHELF TRACKS - ALUMINUM**

Two (2) sets consisting of four heavy duty aluminum adjustable tracks shall be provided in specified compartments, two for each end of shelf.

The tracks shall not be welded to the apparatus body.

## **SHALLOW DEPTH COMPARTMENT SHELVING**

There shall be eight (8) shallow depth shelves provided. The shelves shall be constructed of 1/8" smooth aluminum with a 2" upward bend on the front and rear edges.

The shelves shall have a random orbit sanded finish.

## **FULL DEPTH COMPARTMENT SHELVING**

There shall be one (1) full depth shelves provided. The shelves shall be constructed of 1/8" smooth aluminum with a 2" upward bend on the front and rear edges.

The shelves shall have a random orbit sanded finish.

## **TURTLE TILE SHELF MAT**

Each shallow depth shelf shall have Turtle Tile matting.

## **TURTLE TILE SHELF MAT**

Each full depth shelf shall have Turtle Tile matting.

## **IMMI SMART DOCK SCBA SEAT BRACKET(S)**

There shall be four (4) IMMI Smart Dock SCBA seat bracket(s) provided.

## **DRIVER'S SIDE FRONT OF WHEELWELL SPARE CYLINDER COMPARTMENT**

A compartment shall be provided in the wheel area in front of the rear axle on the driver's side to hold three spare SCBA cylinders.

The compartment shall be injection molded high strength polyethylene designed specifically for the SCBA cylinder storage.

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The compartment shall be slanted towards the rear and have a drain port at the low point of the compartment.



## **DRIVER'S SIDE REAR OF WHEELWELL SPARE CYLINDER COMPARTMENT**

A compartment shall be provided in the wheel area behind the rear axle on the driver's side to hold three spare SCBA cylinders.

The compartment shall be injection molded high strength polyethylene designed specifically for the SCBA cylinder storage. The compartment shall be slanted towards the rear and have a drain port at the low point of the compartment.



## **PASSENGER'S SIDE FRONT OF WHEELWELL STORAGE COMPARTMENT**

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A storage compartment shall be provided in the wheel area in front of the rear axle on the passenger's side. The compartment shall be 18 1/2" wide in the top 4 1/2" then taper down to 4 1/2" in the lower section and shall be 18 1/4" high in the tallest portion and 25" depth.

The compartment shall have a drain port at the low point of the compartment.

## **OIL DRY COMPARTMENT**

An aluminum oil dry compartment shall be provided and integrated into the apparatus body in the passenger's side wheel area behind the rear axle.

The compartment shall be designed to roll out of the wheel well area for dispensing oil dry material and for filling. An 8" x 8" hinged fill cover shall be provided on the top of the compartment.

A reflective stripe shall be provided on the front and rear face of the compartment.



## **WHEELWELL STORAGE COMPARTMENT DOORS - PAINTED**

Painted access doors shall be provided on each storage compartment in the wheel well.

The doors shall be secured using chrome plated thumb lever latches.

## **WHEELWELL SCBA CYLINDER COMPARTMENT RETENTION STRAPS**

One 1" wide loop of high visibility yellow webbing shall be installed in each wheel well spare cylinder compartment for each cylinder to be stored in the compartment. The loop(s) shall be designed to loop around the cylinder valve and help prevent the cylinder from sliding out of the compartment if the door is not latched or fails.

## **HOSE STORAGE RACK(S)**

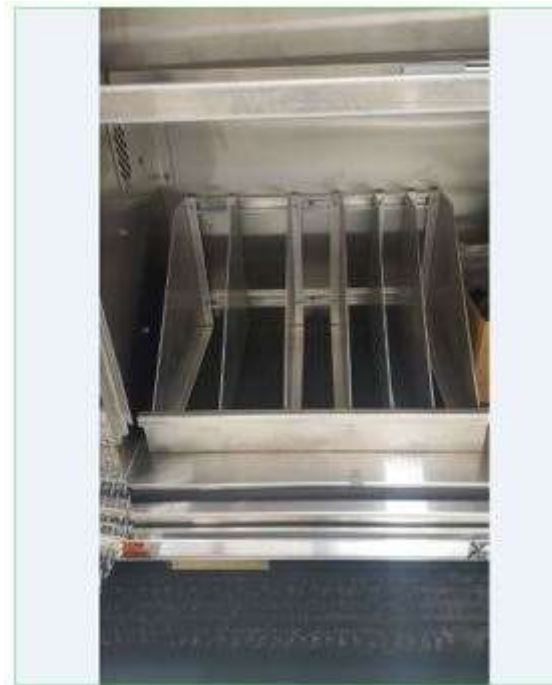
One (1) rolled hose storage rack(s) shall be provided. The rack(s) shall be 29 1/2" wide x 23" depth x 17" high on the rear tapering down to 5" on the front.

Six adjustable partitions shall be provided. The rack(s) shall be bolted into place with two stainless steel bolts to allow for

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easy removal for compartment cleaning or modifications.

The rack shall be constructed of 1/8" aluminum with a sanded finish.



## **PAC-TRAC MOUNTING BOARDS**

There shall be two (2) PAC-TRAC mounting board(s) provided and mounted in the apparatus. The mounting boards shall be approximately 30" high x 52" wide.

## **ROLL OUT TRAY**

There shall be three (3) roll out tray(s) provided. The tray shall be constructed of 3/16" aluminum. The tray shall have a 2" upward bent lip on all four sides of the tray.

250 lb. total capacity heavy duty ball bearing type telescoping slides shall be provided.

A positive latching mechanism shall be provided to hold the tray in either the fully open or fully closed position.

The floor of the tray shall be covered with a 3/4" black poly board for mounting miscellaneous equipment and brackets.

## **ROLL OUT TRAY - ADJUSTABLE**

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There shall be one (1) roll out tray(s) provided. The tray shall be constructed of 3/16" aluminum. The tray shall have a 2" upward bent lip on all four sides of the tray.

250 lb. total capacity heavy duty ball bearing type telescoping slides shall be provided.

A positive latching mechanism shall be provided to hold the tray in either the fully open or fully closed position.

The tray shall be mounted on unistrut tracks to allow it to be raised up/down in the compartment.



The floor of the tray shall be covered with a 3/4" black poly board for mounting miscellaneous equipment and brackets.

## **ROLL OUT TRAY - SLIDEMASTER**

There shall be one (1) roll out tray(s) provided. The tray shall be constructed of 3/16" aluminum. The tray shall have a 2" upward bent lip on all four sides of the tray.

Slidemaster SM3-MP 600 lb. total capacity heavy duty ball bearing type telescoping slides shall be provided. The tray shall capable of 100% extension.

An IMS spring loaded pull latch with fully open or fully closed positions shall be provided.

The tray shall have Turtle Tile matting.

The left, right, front and rear sides of One (1) tray(s) shall be extended up to a total height of 12".

## **FOLDING ACCESS STEPS**

Austin FS-200 CHR chrome plated folding access steps shall be provided in areas listed in these specifications. All access steps provided on the apparatus shall support a minimum static load of 500 lbs. and be mounted in accordance to recommended mounting procedures as outlined by NFPA 1901. The steps shall be **minimum** of 6.5" wide x 6.5" depth.

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The steps shall be attached to the apparatus using stainless steel bolts with locking type nuts.

Three NFPA compliant folding steps shall be provided on the rear of the apparatus on the left side.

## **INTERMEDIATE HOSEBED STEP**

A full width aluminum treadbrite step shall be provided on the rear face of the apparatus. The step assembly shall be bolted into place using stainless steel fasteners.

The rear intermediate step shall be 8" depth.

## **NFPA KNURLED FINISH HANDRAILS**

All handrails shall be 1 1/4" diameter extruded aluminum "knurled finish" with chrome plated stanchions. Rubber gaskets shall be provided between the stanchions and any painted surfaces.

## **LEFT REAR VERTICAL HAND RAILS**

An NFPA compliant handrail shall be provided on the left rear of the apparatus for boarding the rear step and using the left rear hose bed access steps.

## **RIGHT REAR VERTICAL HAND RAILS**

An NFPA compliant handrail shall be provided on the right rear of the apparatus for boarding the rear step and using the right rear hose bed access steps.

## **RIGHT REAR GRAB RAIL**

A 12" NFPA compliant horizontal handrail shall be provided on the right rear of the apparatus towards the rear of the hose bed.

## **LEFT REAR GRAB RAIL**

A 12" NFPA compliant horizontal handrail shall be provided on the left rear of the apparatus towards the rear of the hose bed.

## **INTERMEDIATE REAR HORIZONTAL HAND RAIL**

An intermediate horizontal handrail shall be provided on the rear of the apparatus.

## **NFPA 1901 CERTIFIED 12 VOLT ELECTRICAL SYSTEM**

The 12-volt apparatus body electrical system shall be provided and shall be in compliance with NFPA 1901 testing and certification procedures as follows:



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## **NFPA MINIMUM ELECTRICAL LOAD DEFINITION**

The NFPA 1901 defined minimum electrical load shall consist of the total amperage required to simultaneously operate the following in a stationary mode:

- Propulsion engine and transmission.
- The clearance and marker lights.
- Communication equipment (5 amp default).
- Illumination of all walking surfaces, the ground at all egress points, control and instrumentation panels and 50% of total compartment lighting.
- Minimum warning lights required for "blocking right of way" mode.
- The current to simultaneously operate a fire pump and all specified electrical devices.
- Anything defined by the purchaser, in the advertised specifications, to be critical to the mission of the apparatus.

## **RESERVE CAPACITY TEST**

A Reserve Capacity Test shall be performed on the completed apparatus. All items listed in NFPA Minimum Load Definition shall be activated with the engine shut off. After 10 minutes of operation, those items shall be deactivated. After deactivation, the battery system shall have ample reserve to start the engine.

## **ALTERNATOR PERFORMANCE TEST AT IDLE**

An "alternator performance test at idle" test shall be completed. The minimum continuous electrical load shall be activated with the engine running at idle speed. When the engine temperature has been stabilized at idle speed, the battery system shall be tested to detect any battery discharge current.

## **ALTERNATOR PERFORMANCE TEST AT FULL LOAD**

An "alternator performance test at full load" test shall be completed. The minimum continuous electrical load shall be activated with the engine running up to the engine manufacturer's governed speed for a 2 hour period.

## **TEST CONDITIONS**

All electrical testing shall be performed with the engine compartment at approximately 200 degrees.

## **12-VOLT WIRING SYSTEM**

All 12-volt electrical wiring shall be SXL cross link rated to carry 125% of the maximum current for which the circuit is protected. The wire shall be of sufficient size so that voltage drop in any electrical device does not exceed 10%. All wiring shall be color, number, and function coded with the number and function being printed every 3" along the entire length of all apparatus body wires (as required by NFPA 1901). All wiring shall be routed through heavy duty PVC split loom securely attached and protected against heat, oil, and physical damage. All locations where the wire passes through a body panel shall be protected with electrical grommets.

All connections shall be made using mechanical connectors and be screwed to terminal or junction box with machine screws. Wire nut, insulation displacement, or piercing connections shall not be used.

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All circuits shall be provided with properly rated low voltage over current protective devices of the automatic reset type.

Removable access panels shall be provided to provide access to the wire and electrical components.

## **MULTI-PLEXED ELECTRICAL SYSTEM**

The apparatus body electrical system shall incorporate a Multiplexed Electrical System. The multiplex system shall consist of all solid-state components contained inside aluminum extrusions referred to as nodes. Each node shall consist of (24) output channels and (24) input channels. All inputs and outputs will be configured into an electrical harness utilizing Deutsch connectors. The nodes must be waterproof and not require special mounting requirements.

The system, at a minimum, shall be capable of performing the following functions: load management sequencing, switch loads, receive digital and analog signals, perform and report diagnostics, continuously report vehicle status and the system is expandable.

Placement of nodes throughout the apparatus enables a reduction in wire harness bundles, elimination of redundant harnesses and separate circuit boards, relay and circuit breakers, electrical hardware, separate electrical or interlock subsystems and associated electronics for controlling various electrical loads and inputs. The multiplex system shall be field re-programmable and re-configurable by any authorized dealer or service center. This complete system shall eliminate the need for the following separate components or devices: load manager, load sequencer, warning lamp flasher, door open notification system, interlock modules, separate volt meter and ammeter.

The Base System Shall Include:

- Total Load Management
- Load Shedding Capabilities
- Load Sequencing Capabilities
- "On-Board" Diagnostics Readout
- Very Reliable, Solid-State Hardware
- Error Reporting
- Continuous system monitoring and reporting
- Emergency warning lamp flasher
- Door Ajar System
- Field Configurable
- Expandability Capabilities
- Advanced PC Diagnostics

As-built wiring harness drawings and a master circuit list of electrical circuits that the apparatus builder installs shall be furnished in the delivery manuals. These schematics must show the electrical system broken down into separate functions, or small groups of related functions. Schematics shall depict circuit numbers, electrical components, harnesses, and connectors from beginning to end. **A single drawing for all electrical circuits installed by the apparatus builder shall not be accepted.**

## **V-MUX VFD DISPLAY PANEL**

An interface display shall be provided on the center console just above the switch panel to report and display "Real Time"

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data.



## **DIGITAL 'DOOR OPEN' INDICATOR**

The VFD display shall indicate which individual door or doors are open using alpha-numeric symbols (letters and numbers). For example, if the driver front compartment door is open, the display shall read "DRIVER FRONT COMPARTMENT DOOR".

Any system that does not indicate individual open doors and/or provides 'door open' indication using a single visual or audible alarm to represent all apparatus doors will not be acceptable.

## **VMUX WARRANTY**

The VMUX multiplexed electrical system shall be warranted, under normal use and service, for a period of four years. One year parts and labor and the remaining three years parts only.

## **AUTOMATIC HIGH IDLE FUNCTION**

An automatic high idle system shall be installed and will activate whenever the system voltage drops below a determined voltage. The high idle will remain on until adequate voltage is achieved.

## **REAR LICENSE PLATE LIGHT/BRACKET**

A chrome plated LED license plate light shall be provided on the rear of the apparatus.

A license plate mounting bracket shall be provided that spaces the license plate away from the apparatus body.

## **CLEARANCE LIGHTS/REFLECTORS**

All apparatus body clearance lights shall be LED style. All lower clearance lights and reflectors shall be mounted in a manner that provides protection from damage, and shall comply with FMVSS-108 regulations.

## **MID-MOUNTED SIDE TURN SIGNAL - LED**

An amber LED side turn signal shall be provided in the mid-section area of the apparatus on both sides.

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## **LED PUMP COMPARTMENT LIGHTS (2)**

Two LED compartment lights shall be provided to illuminate the pump compartment.

The lights shall function with the pump operator's gauge panel lights.

## **ENGINE COMPARTMENT LIGHT - LED**

An LED light shall be provided and mounted over the engine on the engine compartment wall. An on/off switch shall be provided on the light to activate it.

## **DUAL TRACK TYPE LED COMPARTMENT LIGHTING**

Each apparatus body compartment shall have two track type LED lights vertically mounted in the compartment. The lights shall be constructed of an unbreakable type clear poly type flexible material housed in an aluminum extrusion.

A compartment that is considered a 'full height' compartment shall each have two 48" long light sections and a 'low height' or above wheel compartment shall each have two 18" long sections.

The lights shall function automatically and independently of other compartments when the compartment door is opened. **Compartment lighting systems that are controlled by a single, dash mounted switch are not acceptable.**

## **COMPARTMENT LIGHT SWITCHES**

Each hinged apparatus body door compartment shall have a magnetic style reed indicator switch.

Each roll up door shall have an integral door open indicator magnet in the lift bar. If the bar is not properly closed, it shall activate the "Door Open" light in the cab.

The compartment lights shall function automatically when the door is opened. A master compartment light switch shall not be acceptable.

## **DOOR AJAR INDICATOR - LED**

A red LED flashing light shall be provided in clear view of the driver to warn of an open compartment or personnel door.

A label shall be provided that states "Do Not Move Apparatus When Light Is On".

## **AUDIBLE DOOR AJAR INDICATOR**

In addition to the flashing door ajar indicator, an audible alarm shall be provided in the cab to warn of an open compartment or personnel door.

## **DOOR AJAR INDICATOR PARK BRAKE DISABLE**

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All apparatus body door ajar indicators shall be disabled when the park brake is set.

## **PERIMETER GROUND LIGHTING five (5)**

There shall be five (5) 4" diameter underbody LED perimeter lights furnished and installed. The lights shall have an unbreakable polycarbonate lens and housing. The lights shall be sealed to help prevent moisture entry.

The ground lights shall be activated with the parking brake.

## **LED APPARATUS BODY STEP LIGHTING**

All apparatus steps and running boards shall be illuminated using chrome plated or stainless steel LED lights. The lights shall function automatically with the park brake.

## **GROUND/STEP LIGHTING CUTOFF SWITCH**

A ground/step light cut off switch shall be provided in the cab to allow the driver to disable the ground lights and other lights that activate when the parking brake is set. The switch shall automatically re-set itself when the parking brake is released.

## **KUSSMAUL LPC40 BATTERY CHARGER**

A Kussmaul LPC40 fully automatic battery charger with 40 amp output shall be installed on the apparatus. Remote voltage sensing shall be provided to compensate the charger output for the voltage drop in the charging wires.

A 15 amp DC auxiliary output circuit shall be provided on the charger.

## **110 VOLT SHORELINE CONNECTION IN CAB**

There shall be one (1) duplex 110 volt shoreline connection(s) provided in the cab for charging accessory items.

## **110 VOLT SHORELINE CONNECTION IN COMPARTMENT**

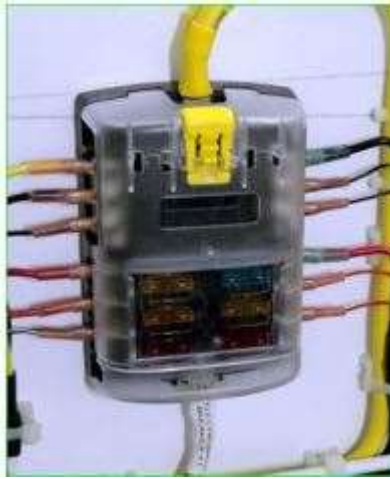
There shall be two (2) duplex 110 volt shoreline connection(s) provided in the apparatus body compartment(s) for charging accessory items.

## **12 VOLT ACCESSORY CONNECTION IN COMPARTMENT**

A 12 volt accessory connection shall be provided in (3) apparatus body compartment(s) for charging accessory items.

A distribution panel shall be provided at the mounting location. The panel shall provide up to six 5 amp individually fused connection points. The panel shall be powered from the main apparatus electrical system and shall include a 30 amp master breaker.

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## **AUTO-EJECT SHORELINE CONNECTION - BAR GRAPH DISPLAY**

A Kussmaul 20 amp 120-volt Super Auto-Eject with bar graph charge display shall be provided. The unit shall automatically eject the connecting plug when the engine is cranked.

The connection shall be located under the driver's door.

## **AUTO-EJECT COVER - YELLOW**

The Auto-Eject shall have a spring loaded cover yellow in color.

## **AUTO-EJECT MATING PLUG**

A NEMA 5-20P mating female cord end shall be shipped loose with the apparatus to allow the Fire Department to connect the cord end to a Fire Department provided charging cord.

## **WHELEN C6 QUAD-CLUSTER TAILLIGHTS - LED**

Whelen C6BTT LED taillights, C6T LED turn signals and a C6BU clear backup lights shall be provided.

A PLASC4V chrome plated trim housing shall be provided, one each side for mounting the tail lights, turn signal lights, backup lights and warning lights.

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## **BACKUP LIGHTS PARK FUNCTION**

The backup lights shall automatically activate when the park brake is set to provide work lighting at the rear of the apparatus.

## **BACKUP ALARM**

One (1) 97db backup alarm(s) shall be provided and shall automatically activate when the apparatus transmission is placed into reverse.

The backup alarm(s) shall exceed all NFPA1901 and SAE J994 Type D requirements and testing.

## **CONSOLE MOUNTED CONTROL PANEL**

A control console shall be provided between the driver's and officer's seats for all warning/auxiliary light controls and pump shift.

## **WARNING LIGHT SWITCH - SINGLE**

A single master optical warning device switch shall be provided that will activate all minimum optical warning lighting through a single switch. Individual switches shall not be provided for any minimum optical warning lighting to insure total compliance to the warning lighting requirements defined in NFPA 1901. All lighting controlled by this switch shall not be subject to load management.

Any warning lights that are installed on the apparatus that are not required to meet the minimum optical warning lighting requirements shall be subjected to load management and shall have individual switches to activate/de-activate the warning light.

All switches shall be clearly labeled as to their function.

## **CENTER CONSOLE MAP POCKET**

A 16" long (side to side) x 2 3/4" wide (front to rear) and 8" depth storage pocket shall be provided on the rear of the



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console for storing books, maps, etc. The pocket shall be constructed of aluminum treadbrite.

## **CENTER CONSOLE CONSTRUCTION MATERIAL**

The console shall be constructed of aluminum treadbrite.

## **CENTER CONSOLE PANEL MATERIAL**

The console panel shall be constructed of brushed stainless steel.

## **ZONE A UPPER WARNING LIGHTING**

A Whelen F4N0QLED lightbar shall be mounted on the top of the cab roof. The lightbar shall be 60" in length and mounted with low profile stainless steel brackets.

The left side of the lightbar shall have one red end LED, one red corner LED and two front linear LED's (one red and one clear). The right side of the lightbar shall have one blue end LED, one blue corner LED and two front linear LED's (one blue and one clear).

The lenses on the Officer's and Driver's shall be clear.

## **ZONE C UPPER WARNING LIGHTING**

Two Whelen R316RRF red (clear lens) and R316BBF blue (clear lens) Roto-Beam Super LED beacons shall be provided on the rear.

The right side light shall be red and the left side shall be blue.

## **WHELEN C6 SUPER MAX LED LOWER ZONE A WARNING LIGHTING**

Two Whelen C6 Super Max LED light heads shall be mounted in the grille area on the apparatus. Both shall have clear lenses. One light shall be a C6LRC red and one shall be a C6LBC blue.

C6FC chrome trim housings shall be provided.

The Driver's side light shall be blue and the Passenger's side shall be red.

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## **INTERSECTION WARNING LIGHT - SIDES**

One Whelen ION Mini T TLM12J split red/blue LED light shall be provided on each side as low and far forward as possible on the apparatus.

TIONMFC chrome trim housings shall be provided.

## **MID-SECTION WARNING LIGHTS - SIDES**

One Whelen TLM12J ION Mini T split red/blue LED light shall be provided on each side in the mid-section of the apparatus.

TIONMFC chrome trim housings shall be provided.

## **SIDE FACING LOWER REAR WARNING LIGHTS**

One Whelen TLM12J ION Mini T split red/blue LED light shall be provided shall be provided on each side of the apparatus as low and as far rearward as possible on the apparatus.

Two (2) TIONMFC chrome trim housings shall be provided.

## **WHELEN C6 SUPER MAX LED LOWER REAR WARNING LIGHTS**

Two Whelen C6 Super Max LED light heads shall be mounted on the rear of the apparatus in a low position. Both shall have clear lenses. A C6FC chrome bezel shall be provided around the lights.

C6FC chrome trim housings shall be provided.

The Driver's side light shall be blue and the Passenger's side shall be red.

## **WHELEN TAL65 TRAFFIC ADVISOR**

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A Whelen TAL65 36" 6 lamp LED directional traffic advisor shall be provided and mounted on the rear of the apparatus. The advisor shall be subject to load management shedding to comply with NFPA 1901.

A Whelen TACTL5 controller shall be provided for the Traffic Advisor.



The control head shall be mounted using the standard bail strap mounting bracket provided.

## **DIRECTIONAL LIGHT MOUNTING - INTERMEDIATE STEP**

The arrowstick/advisor shall be either recessed into or mounted under the rear intermediate step.

## **WHELEN 295SLSA1 SIREN**

A Whelen 295SLSA1 siren shall be provided and mounted in the cab.

Siren certifications, etc.

## **FEDERAL SIGNAL DYNA-MAX ESFMT-EF 100 WATT SPEAKER**

A Federal Signal ESFMT-EF 100 watt speaker shall be provided and mounted in the front bumper area.

A stainless steel grille cover shall be provided.

## **FEDERAL SIGNAL Q2B-P MECHANICAL SIREN**

A Federal Signal Q2B-012PSD pedestal mounted chrome plated mechanical siren shall be provided and mounted on the front bumper extension. The siren shall have a maximum sound output of 123 decibel at 10'.

## **FEDERAL Q LEFT (DRIVER) SIDE**

The Q siren shall be located on the left (driver's) side of the bumper extension.

## **MECHANICAL SIREN ACTIVATION SWITCH**

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A single dash or console mounted push button switch shall be provided to operate the siren.

## **MECHANICAL SIREN BRAKE**

A siren brake push button switch shall be provided on the dash or console.

## **Q SIREN INTERLOCKS**

The Q siren control shall be interlocked so that it will not function with the parking brake set. Additionally the E-master switch must be on for the siren to function.

## **WHELEN M9LZC LED SCENE LIGHTS**

Six Whelen M9LZC 9" x 7" LED scene lights shall be provided and mounted two on each side and two on the rear.

M9LZC chrome trim housings shall be provided.

## **SCENELIGHT MOUNTING**

Aluminum treadbrite mounting boxes shall be provided on the apparatus for side scenelights, rear warning lights and other items that may be mounted in this area.

The rear facing scenelights shall be surface mounted on the rear.

## **12 VOLT SCENE LIGHT ACTIVATION SWITCHES (3)**

Three switches shall be provided to activate the 12 volt scene light(s). The driver's side lights, passenger's side lights and the rear lights shall each be individually switched. The switches shall be located on the cab control console.

## **DUAL FUNCTION REAR SCENE LIGHT(S)**

The rear facing scene light(s) shall activate automatically when the apparatus transmission is placed into reverse.

## **FRC SPECTRA MAX LED TELESCOPING LIGHT - 12 VOLT**

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Two (2) Fire Research model SPA540-Q28 top raising telescoping light(s) shall be mounted on the apparatus. The light head shall be 12 volt LED and shall draw a maximum of 19.2 amps creating 28,000 lumens.

The telescoping pole shall be constructed of heavy wall anodized tube. The pole shall be secured in any raised position with a non-directional advanced twist lock locking device. The twist lock mechanism shall have a knurled positive grip.

The light(s) shall be electrically tested so that they are safe for their intended use. The light(s) shall be certified by Underwriters Laboratories (UL) and shall meet/exceed NFPA 1901.

The light head shall be black.

The telescoping light(s) shall be equipped with a FRC "ON" switch on the light head(s).

The telescoping light(s) shall be equipped with a FRC "TW" retractile coil cord out of the light head.

The telescoping light(s) shall be mounted at the pump panel.

## **WHELEN PIONEER BROW LIGHT - 12 VOLT**

One (1) Whelen Pioneer PCH2 dual brow light(s) shall be mounted on the apparatus. The lighthouse(s) shall be a 150 watt 12 volt LED and shall draw 12.8 amps each.

A PBA0127/130 brow mounting bracket shall be provided.

## **OBSERVATION SYSTEM DISPLAY**

An ASA Voyager observation system shall be provided on the apparatus. The system shall include a VOM718 7" flat panel color display.



A VCMS20 color camera shall be provided and mounted on the rear of the apparatus.

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A VCMS50CMR color camera with chrome finish shall be provided and mounted on the right side of the apparatus.



A VCMS50CML color camera with chrome finish shall be provided and mounted on the left side of the apparatus.

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## **BACKUP CAMERA - ADDITIONAL DISPLAY**

An additional exterior display shall be provided and properly connected to the camera system.

## **FIRE HELMET MOUNTING**

The end user of the apparatus shall be responsible for insuring that all helmets are either stored in an exterior compartment or a securely mounted to NFPA 1901 standards inside the cab.

## **PAINT PROCEDURE - PPG DELFLEET BASE COAT/CLEAR COAT**

All interior compartment surfaces shall remain # brushed stainless steel. There shall be no paint or any other type of coating on the interior compartment surfaces. Standard mill finish, DA finish or swirled finish shall not be accepted.

Any exterior surfaces that are to be painted shall be individually listed in the apparatus body portion of this specification.

All seams or flanges on the apparatus body shall be caulked or properly sealed to prevent moisture accumulation in flanged areas.

## **PPG CERTIFIED 10 YEAR LIMITED PAINT WARRANTY**

The apparatus body exterior finish paint shall have a 10 year limited warranty. The warranty shall be certified by the manufacturer of the paint. Documentation of this shall be provided to the end user. Any warranty that is extended by the apparatus manufacturer and not backed by the paint manufacturer will not be acceptable.

## **PPG Commercial OEM Product Warranty Coverage:**

Warranty Inclusions:

- Delamination of the topcoat and/or other layers of paint.
- Cracking or checking due to failure of the product.
- Excessive loss of gloss caused by cracking, checking and hazing.

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## Warranty Exclusions:

- Paint deterioration caused by blisters, bubbles, flaking or other degradation due to rust or corrosion originating from the substrate.
- Hazing, chalking or loss of gloss caused by improper care, abrasive polishes, cleaning agents, heavy-duty pressure washing, or aggressive mechanical wash systems.
- Paint deterioration caused by abuse, scratches, chips, gloss reduction, accidents, acid rain, chemical fallout, road treatment materials/chemicals or acts of nature.
- Any paint that was not applied by Toyne, Inc.
- Claims presented without proper Warranty documentation.
- Failure on finishes performed by Non-PPG Commercial Certified Technicians.
- Failure on finishes due to inadequate film builds.
- Failures due to improper cleaning or surface preparation or failure to follow the product use instructions.

THESE ARE THE ONLY WARRANTIES THAT PPG MAKES, AND ALL OTHER EXPRESSED OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATIONS, ANY WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG.

## **ELECTROLYSIS CORROSION CONTROL**

The apparatus shall be assembled using ECK or electrolysis corrosion control, on all high corrosion potential areas, such as door latches, door hinges, trim plates, fenderettes, etc. This coating is a high zinc compound that shall act as a sacrificial barrier to help minimize electrolysis and corrosion between dissimilar metals. This shall be in addition to any other barrier material that may be used.

## **SINGLE COLOR APPARATUS BODY PAINT**

The apparatus body shall have a single color non-metallic paint scheme.

## **APPARATUS BODY UNDERCOATING**

The apparatus body shall be undercoated after assembly is completed. A bituminous based automotive type undercoat shall be used. Care shall be taken to avoid undercoat application to items that would hinder normal maintenance.

## **COMPARTMENT INTERIORS - BRUSHED STAINLESS FINISH**

The compartment interiors shall be brushed stainless steel # 4 finish. The brushed finish shall be as provided by the manufacturer of the material.

Interiors with any type of paint, sprayed-on coatings, DA finish, or standard "mill finish" will not be acceptable.

## **TIRE PRESSURE VISUAL INDICATOR - SINGLE AXLE**

Real Wheels RWTG1234 valve stem mounted visual indicators shall be provided on each tire. The LED indicators shall flash when the tire pressure drops 8 psi.



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## **SMART GOLD ENCAPSULATED LETTERING**

A maximum of sixty (60) 4" maximum height Smart Gold simulated gold leaf, Mylar encapsulated, self-adhesive lettering with black outline and drop shadow shall be applied to both sides of the chassis cab.

The exact type style, wording and placement of the lettering will be provided to the successful bidder at the pre-construction conference.

## **4" NFPA REFLECTIVE STRIPE**

A 4" reflective stripe shall be applied to the apparatus. The stripe shall be applied to a minimum of 50% of the length of the apparatus on each side and 25% across the front of the apparatus. The stripe shall comply with NFPA 1901 requirements.

## **PRIMARY REFLECTIVE STRIPE COLOR - BLACK**

The primary reflective stripe shall be 680-85 black.

## **REFLECTIVE STRIPE - HORIZONTAL**

The reflective stripe shall be applied in a straight horizontal line from front to rear. The height of the stripe on the chassis cab and the body shall be as close as possible.

## **INNER CAB DOOR REFLECTIVE STRIPING - 4 DOOR**

A minimum of 100 square inches of reflective material shall be provided on the inner door liner of each cab door.

## **REAR CHEVRON STRIPING**

A minimum of 50 percent of the rear vertical surface of the apparatus shall be covered with 6" alternating red and fluorescent yellow retro-reflective striping. The striping shall slope downward away from the centerline of the apparatus at a 45-degree angle.

The retro-reflective material shall conform to the requirements of ASTM D 4956 "Standard Specification for Retro-Reflective Sheeting for Traffic Control", Type I or better.

## **OUTSIDE AIR INTAKE CONNECTION**

A quick release outside air intake connection shall be provided near the driver's door for shoreline air intake to maintain air system build-up. The air connector shall be compatible with either a Milton 783, Parker Hannifin 2C or Meyers 54-401 connector.

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## **ENGINE HORIZONTAL EXHAUST**

Shielding shall be provided between the apparatus body and the exhaust pipe if necessary to deflect heat away from the body. The exhaust system shall be designed and installed to comply with EPA equipment requirements and shall not be modified.

## **CAB ENTRY STEP COVER**

The OEM provided cab entry step on the side opposite the fuel tank shall be removed from the chassis provided brackets and replaced with a fabricated aluminum treadbrite step assembly.

## **FUEL TANK/STEP COVER**

The OEM provided cab entry step on the same side as the fuel tank shall be removed from the chassis provided brackets and replaced with a fabricated aluminum treadbrite step assembly.

## **REAR MUD FLAPS**

Heavy duty black rubber mud flaps shall be provided on the rear wheels. The mud flaps shall be attached to the apparatus in the rear wheel well area using heavy duty stainless steel retention straps that are secured into place using stainless steel fasteners.

## **FRONT/REAR AXLE NUT COVERS AND BABY MOONS**

The front and rear axles shall have stainless steel nut covers and baby moons.

## **ON-SPOT AUTOMATIC TIRE CHAINS**

An On-Spot automatic tire chain system shall be provided and properly mounted on the rear axle of the chassis. The control for the system shall be located in the chassis cab within reach of the driver. A "chain system engaged" light shall be provided in close proximity to the control.

## **FRONT BUMPER EXTENSION**

The front bumper shall be extended forward 21" to 24" from the chassis grille depending upon space necessary.

## **LIGHTED FRONT BUMPER GUIDES**

Lighted bumper guides shall be provided on each side of the front bumper. The guides shall have a bright finish and

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capped with an amber LED indicator. The lights shall be wired to the chassis marker light system.

## **REAR PULLING EYES**

Two rear 3/4" CRS pulling eyes shall be provided under the rear tailboard. The eyes shall have a minimum of a 3" clear opening for passing chains through the eye.

The power feed shall be located in the center console.

## **12 VOLT 'IGNITION HOT' RADIO POWER FEED(S)**

One (1) 12 volt 'ignition hot' power feed wire(s) shall be provided in the cab for customer supplied and installed radio equipment. 48" of wire shall be provided to allow the installer to trim to required length.

## **RADIO ANTENNA MOUNTING(S)**

Two (2) radio antenna base mount(s) shall be provided and mounted for customer installation of radio antenna and related equipment.

The mount shall be a Motorola 3080384M48 3/4" thin wall mount with 17' of RG58A/U cable.



The radio antenna wire shall be routed to the center console.

## **BATTERY DANGERS LABEL - FAMA01**

A permanent label shall be provided near the battery location that warns of potential injury or death that could be caused by the batteries. The label shall also state precautions that should be taken while working on or around the batteries.

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## **ROTATING SHAFTS DANGER LABEL - FAMA02**

A permanent label shall be provided on each side of the frame rail and in any other location(s) where rotating shaft hazards are apparent. The label shall warn of potential injury or death that could be caused by the movement of the shaft(s) as well as precautions that should be taken while working on or around them.

## **HOT SURFACE DANGERS LABEL - FAMA03**

A permanent label shall be provided near any hot surface that warns of potential injury or death that could be caused by contact with the surface. The label shall also state precautions that should be taken while working on or around the surface.

## **HOT EXHAUST DANGERS LABEL - FAMA04**

A permanent label shall be provided near any hot exhaust surface that warns of potential injury or death that could be caused by contact with the surface. The label shall also state precautions that should be taken while working on or around the surface.

## **SPINNING ENGINE FAN DANGER LABEL - FAMA05**

A permanent label shall be provided on both sides of the engine fan. The label shall warn of potential injury or death that could be caused by the movement of the fan as well as precautions that should be taken while working on or around them.

## **SEATED AND BELTED WARNING LABEL - FAMA07**

A permanent label shall be provided that is visible to all occupants that states that they should be seated and belted while the apparatus is in motion. The label shall also state potential injuries or death that could be caused if the safety belts are not used properly.

## **AIR CONDITIONING REFRIGERANT WARNING LABEL - FAMA09**

If the apparatus is equipped with any type of air conditioning system, a permanent label shall be provided that is located in an area that would be visible to service personnel. The label shall state that the system contains R134A, the necessary precautions that should be taken and the dangers of working on or around the system.

## **CAB INTERIOR EQUIPMENT MOUNTING DANGER LABEL - FAMA10**

A permanent label shall be provided inside of the cab warning of the dangers of unsecured equipment inside the cab. The label shall state that all equipment shall be properly secured and also warn of potential injury or death that could be caused by failing to do so.

## **SCBA SEAT DANGER LABEL - FAMA11**

If the apparatus is equipped with SCBA seats in the cab, a permanent label shall be provided inside of the cab warning of the dangers of using the seat without the SCBA properly secured or seat insert in place. The label shall warn of potential

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injury or death that could be caused by improper use of the seat.

## **FIRE SERVICE TIRE RATING LABEL - FAMA12**

A permanent label shall be provided inside of the cab in view of the driver while entering the cab warning of the dangers of improper use of the tires on the apparatus. The label shall also warn of potential injury or death that could be caused by improper tire use or condition.

## **ELECTRONIC STABILITY CONTROL LABEL - FAMA13**

If the apparatus is equipped with an electronic stability control system, a permanent label shall be provided inside of the cab in view of the driver warning of the dangers of improper operation of the apparatus and the importance of safe driving. The label shall also warn of potential injury or death that could be caused by improper operation of the apparatus.

## **MAXIMUM OCCUPANCY LABEL - FAMA14**

A permanent label shall be provided inside of the cab in view of the driver stating the maximum number of personnel that can ride in the apparatus. The label shall also warn of potential injury or death that could be caused by exceeding the stated capacity.

## **DO NOT WEAR HELMET LABEL - FAMA15**

A permanent label shall be provided inside of the cab in view of all seated positions stating that helmets should not be worn in cab. The label shall also warn of potential injury or death that could be caused by wearing helmet in cab.

## **VEHICLE BACKING LABEL - FAMA17**

A permanent label shall be provided inside of the cab in view of the driver advising of proper procedures to following when the apparatus is in reverse motion. The label shall also warn of potential injury or death that be caused by failing to follow proper procedures.

## **INTAKE/DISCHARGE CAP PRESSURE LABEL - FAMA18**

A permanent label shall be provided in all areas that intakes and discharges are capped. The label shall give instruction on how to properly remove the cap. The label shall also warn of potential dangers, injury or death that be caused by failing to follow proper cap removal procedures.

## **HOSE RESTRAINT LABEL - FAMA22**

A permanent label shall be provided near any hose storage area. The label shall instruct the operator to insure that all hose is properly secured prior to placing the apparatus in motion and to provide warning of potential dangers, including injury or death, in failing to do so.

## **ACCESS STEPS/LADDER LABEL - FAMA23**

A permanent label shall be provided at any area of the apparatus where personnel will be boarding or exiting the

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apparatus. The label shall instruct the operator in the proper method of climbing into or onto the apparatus as well as exiting and provide indication of potential injury or death that could occur in failing to do so.

## **DO NOT RIDE ON REAR STEP WARNING LABEL - FAMA24**

A permanent label shall be provided at the rear step area stating that riding in this area while the vehicle is in motion is prohibited and shall warn of the potential dangers, including injury or death, in doing so.

## **DO NOT RIDE IN WALKWAY WARNING LABEL - FAMA24**

A permanent label shall be provided in the walkway/crosswalk stating that riding in this area while the vehicle is in motion is prohibited and shall warn of the potential dangers, including injury or death, in doing so.

## **DO NOT RIDE IN WALKWAY WARNING LABEL - FAMA24**

A permanent label shall be provided in the walkway/crosswalk stating that riding in this area while the vehicle is in motion is prohibited and shall warn of the potential dangers, including injury or death, in doing so.

## **TRAINED OPERATOR ONLY LABEL - FAMA25**

A permanent label shall be provided on the pump panel that states that only properly trained personnel should operate the apparatus and shall indicate that injury or death could occur as a result.

## **NOT A STEP WARNING LABEL - FAMA26**

A permanent label shall be provided in any horizontal location that a firefighter may feel tempted to use as a step but is not designed, constructed or intended to be a stepping, standing or walking surface. The label shall state that the surface is not intended for this purpose and indicate potential injury or death in doing so.

## **COMPARTMENT TOP WARNING LABEL - FAMA26**

A permanent label shall be provided on the front and rear of the compartment tops on both sides warning that the area is not designed, constructed or intended to be a stepping, standing or walking surface. The label shall state that the surface is not intended for this purpose and indicate potential injury or death in doing so.

## **HOOD TILT WARNING LABEL**

A permanent label shall be provided on each side of the engine hood near latch cautioning the person tilting the hood to only tilt from front, check for obstructions and to ensure that the hood is secured when the apparatus is in motion.

## **SIREN NOISE WARNING LABEL - FAMA42**

A permanent label shall be provided inside the driver's door warning of potential injury that could be received from the noise of the siren. The label shall also state safety precautions that should be taken when the siren is in use.

## **SIREN NOISE WARNING LABEL - FAMA42**

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A permanent label shall be provided inside the driver's door warning of potential injury that could be received from the noise of the siren. The label shall also state safety precautions that should be taken when the siren is in use.

## **FLUID CAPACITY LABEL**

A permanent plate shall be mounted in the driver's compartment specifying the quantity and type of the following fluids used in the apparatus (if applicable) for normal maintenance:

- Engine oil.
- Engine coolant.
- Chassis transmission fluid.
- Pump transmission fluid.
- Pump primer fluid.
- Drive axle fluid.
- Air conditioning refrigerant.
- Air conditioning lubrication oil.
- Power steering fluid.
- Cab-tilt mechanism fluid (if applicable).
- Transfer case fluid (if applicable).
- Equipment rack fluid (if applicable).
- CAFS compressor system lubricant (if applicable).
- Generator system lubricant (if applicable).
- Front tire cold pressure.
- Rear tire cold pressure.
- Maximum tire speed ratings.

## **LENGTH, HEIGHT, WEIGHT LABEL**

A permanent plate or label shall be provided in the cab stating the overall length, height and the gross vehicle weight rating (GVWR), in tons, of the completed apparatus.

The wording on this label shall indicate that the information on the plate/label was current at the time of manufacture and if the overall height of the apparatus changes while the vehicle is in service, the purchaser shall revise the height dimension on the plate.

## **PUMP CERTIFICATIONS**

Where applicable, the following documents shall be provided with the completed apparatus:

- Pump manufacturer's certification of suction capability.
- Special condition certifications, if any.
- Pump manufacturer's approval for stationary pumping.
- Engine manufacturer's certified brake horsepower curve showing maximum governed speed.
- Pump manufacturer's certification of hydrostatic test.
- Pump manufacturer's certification of hydrodynamic test, if required. Certification of inspection and tests for the fire pump.

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## **OPTICAL WARNING LIGHT CERTIFICATION**

The emergency warning light system shall be certified using one of the available methods provided for in NFPA 1901 13.8.16.

## **SIREN CERTIFICATION**

The siren manufacturer shall certify the siren to NFPA 1901 13.9.1.1.

## **ELECTRICAL SYSTEM PERFORMANCE CERTIFICATION**

A written load analysis and the results of the electrical system performance test shall be provided with the completed apparatus. The load analysis shall include the following:

- Nameplate rating of the alternator.
- The alternator rating under the conditions specified in NFPA 1901 13.3.2.
- Each of the component loads specified in NFPA 1901 13.3.3 that make up the minimum continuous electrical load.
- Additional electrical loads that, when added to the minimum continuous electrical load, determine the total continuous electrical load.
- Each individual intermittent electrical load.

## **BOOSTER TANK CAPACITY CERTIFICATION**

The manufacturer shall certify the capacity of the booster tank. Certification shall be documented on the Manufacturer's Record of Construction document.

## **NFPA SLIP RESISTANCE CERTIFICATION**

Any materials used as a stepping, standing or walking surface shall be certified to be compliant with NFPA 1901 15.7.4. Documentation shall be provided with the completed apparatus.

## **WEIGHT CERTIFICATION**

Documents from a certified scale showing actual loading on the front, rear and overall apparatus shall be provided. The apparatus shall be scaled with the water tank full but without personnel, equipment and hose.

## **VEHICLE ROLLOVER STABILITY**

The apparatus chassis shall be equipped with a stability control system and shall be certified to NFPA 1901 Rollover Stability requirements.

## **UNDERWRITER'S LABORATORIES TESTING**

The apparatus shall undergo an Underwriter's Laboratories Certification Test to insure that the completed apparatus



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meets the requirements of NFPA 1901. The certificate shall be provided to the purchaser upon completion. Underwriter's Laboratories shall also perform the required testing on the entire installed electrical system. Self-certification by the apparatus manufacturer will not be acceptable.

## **MANUFACTURER'S RECORD OF APPARATUS CONSTRUCTION**

All information required to comply with NFPA 1901 4.20.1 shall be provided with the completed apparatus.

## **OPERATIONS AND SERVICE DOCUMENTATION**

The apparatus shall be complete with all operation and service documentation covering the apparatus as delivered and accepted. The documentation shall address the inspection, service and operations of the apparatus and all major components as required in NFPA 1901 4.20.2.

## **"AS BUILT" APPARATUS BODY OWNERS MANUALS (2)**

Two "as built" apparatus body owner's manual USB drives shall be provided with the apparatus. All apparatus body electrical schematics shall be provided as well as all instructional and maintenance manuals on components provided and permanently mounted on the apparatus. A copy of the final apparatus body build specifications shall also be included on the drive. The USB shall be "read only" and shall not allow modification.

To eliminate component confusion, generic documentation with equipment that is not provided on the apparatus body shall not be acceptable.

## **FAMA FIRE APPARATUS SAFETY GUIDE**

One (1) FAMA Fire Apparatus Safety Guide(s) shall be provided with the completed apparatus.

## **STATEMENT OF EXCEPTION - NFPA MISCELLANEOUS REQUIRED EQUIPMENT**

The customer shall be responsible for providing all NFPA required miscellaneous equipment that is not contained within these specifications. All required equipment must be properly installed on the apparatus and in working condition prior to the apparatus being placed into service.

## **FAMILIARIZATION AND DEMONSTRATION**

Upon completion of the new apparatus, an authorized properly trained representative of the manufacturer shall perform a "Familiarization and Demonstration" overview of the apparatus and related components.

The Department shall provide the representative with a written list, by full proper names, of the individual(s) that are to receive the overview. Upon completion of the overview, each person in attendance will be required to acknowledge, by signature, that they understand the operation of the apparatus and all related components.

## **CHASSIS FAMILIARIZATION**

Familiarization of the apparatus shall include the following:

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- How to locate gauges or indicators and check all fluid levels and operational use of the apparatus.
- How to tilt the chassis cab or hood assembly for access to the engine, fire pump (if applicable), or aerial control (if applicable), or any other device to allow access to fluids or for required maintenance.
- Interior cab controls, instruments, mirrors, safety devices or alarms, brake operations, transmission control, pump controls (if applicable) exhaust regeneration (if applicable), seat adjustments, warning light engagement and other operational equipment.

## **FIRE PUMP FAMILIARIZATION**

Familiarization of the apparatus shall include the following items related to the fire pump system:

- Setting the parking brake, proper transmission gear and the fire pump engagement operations.
- Throttle control.
- Primer and tank-to-pump operation.
- Use of pressure control device.
- Tank refilling operations.
- Proper operation of discharge controls.
- Proper shutdown and draining of the system.

## **POST ACCEPTANCE TRAINING REQUIREMENTS**

After apparatus acceptance, the Department shall be responsible for ongoing training of personnel. The Department shall not allow untrained or undertrained personnel to operate the apparatus or any included feature of the apparatus.

## **STREAMLIGHT "FIRE VULCAN LED" HAND LANTERN**

There shall be one (1) Streamlight Fire Vulcan LED model 44451 orange hand lantern(s) provided and mounted on the apparatus. The lanterns shall be charged from the vehicles 12 volt battery system.



The Vulcan lights shall all be mounted in a single common location.

## **ZIAMATIC AC-2 ALUMINUM WHEEL CHOCKS**

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One (1) set(s) of two Zico AC-2 wheel chocks shall be provided. Two "underbody" horizontal brackets (per set) shall be provided.

The wheel chocks and brackets shall be shipped loose for dealer/customer installation.

# F R E I G H T L I N E R   S P E C I F I C A T I O N   P R O P O S A L

## Vehicle Configuration

M2 112 PLUS CONVENTIONAL CHASSIS  
2024 MODEL YEAR SPECIFIED  
SET BACK AXLE - TRUCK

## General Service

DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)  
FIRE/EMERGENCY SERVICE  
EMERGENCY VEHICLES BUSINESS SEGMENT  
FREIGHTLINER LEVEL II WARRANTY  
EXPECTED FRONT AXLE LOAD: 16000 lbs  
EXPECTED REAR DRIVE AXLE LOAD: 31000 lbs  
EXPECTED GROSS VEHICLE CAPACITY: 47000 lbs

## Engine

CUM L9 450EV HP @ 2100 RPM; 2200 GOV RPM, 1250 LB-FT @ 1200 RPM, FIRE/EMERGENCY

## Engine Equipment

2010 EPA/CARB/GHG21 CONFIGURATION  
NFPA COMPLIANT EMBER SCREEN AND FIRE RETARDANT  
DONALDSON AIR CLEANER  
DR 12V 300 AMP 40-SI BRUSHLESS PAD MOUNT ALTERNATOR WITH  
REMOTE BATTERY VOLTAGE SENSE  
(3) DTNA GENUINE, FLOODED STARTING, MIN 3000CCA, 555RC,  
THREADED STUD BATTERIES WITH POSITIVE JUMP START POST  
BATTERY BOX FRAME MOUNTED  
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL  
FRAME GROUND RETURN  
POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH  
MOUNTED OUTBOARD DRIVER SEAT  
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH  
INTERNAL SAFETY VALVE  
C-BRAKE BY JACOBS WITH LOW/OFF/HIGH BRAKING DASH SWITCH  
RH MTD HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH  
RH HORIZONTAL TAILPIPE  
AIR POWERED ON/OFF ENGINE FAN CLUTCH  
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH  
CUMMINS SPIN ON FUEL FILTER  
COMBINATION FULL FLOW/BYPASS OIL FILTER

1300 SQUARE INCH ALUMINUM RADIATOR WITH AUXILIARY COOLING  
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED  
LIFE COOLANT  
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT  
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES  
ELECTRIC GRID AIR INTAKE WARMER  
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

### **Transmission**

ALLISON 3000 EVS 5 SPD AUTOMATIC TRANSMISSION

### **Transmission Equipment**

MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S)  
FILL AND DRAIN  
ELECTRONIC ALLISON SHIFT CONTROL  
TRANSMISSION PROGNOSTICS - ENABLED 2013  
WATER TO OIL TRANSMISSION COOLER  
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL  
CHECK  
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

### **Fire Pump**

CUSTOM DRIVELINE JACKSHAFT SPACER FOR FIRE PUMP

### **Front Axle and Equipment**

DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT  
AXLE  
MERITOR EX-L AIR DISC FRONT BRAKES  
FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT  
LINING  
FRONT OIL SEALS  
FRONT AIR DISC BRAKE INTERNAL ADJUSTERS  
TRW TAS-85 POWER STEERING

### **Front Suspension**

16,000# TAPERLEAF FRONT SUSPENSION  
GRAPHITE BRONZE BUSHINGS WITH SEALS  
FRONT SHOCK ABSORBERS

### **Rear Axle and Equipment**

31,000 LB FIRE/EMERGENCY SERVICE SINGLE REAR AXLE  
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING  
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF  
ROUND YOKES  
DRIVER CONTROLLED TRACTION DIFFERENTIAL  
MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE  
ANCHOR, CAST SHOES

FIRE AND EMERGENCY SEVERE SERVICE NON-ASBESTOS REAR  
BRAKE LINING  
REAR OIL SEALS  
HALDEX AUTOMATIC REAR SLACK ADJUSTERS

### **Rear Suspension**

31,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND  
RADIUS ROD FOR FIRE/EMERGENCY SERVICE  
SPRING SUSPENSION - 1.50" AXLE SPACER  
FORE/AFT CONTROL RODS

### **Brake System**

AIR BRAKE PACKAGE  
WABCO 4S/4M ABS WITH TRACTION CONTROL WITH ESC  
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM  
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER  
CUSTOM STEEL AIR BRAKE RESERVOIRS  
BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK

### **Wheelbase & Frame**

(276 INCH) WHEELBASE / (162.8 INCH) CA  
11/32X3-1/2X10-15/16 INCH STEEL FRAME 120KSI  
1/4" C-CHANNEL INNER FRAME REINFORCEMENT  
(47 INCH) REAR FRAME OVERHANG

### **Chassis Equipment**

CUSTOMER INSTALLED SPECIAL BUMPER  
REMOVABLE FRONT TOW/RECOVERY DEVICE  
FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS  
GRADE 8 THREADED HEX HEADED FRAME FASTENERS

### **Fuel Tanks**

50 GALLON RECTANGULAR ALUMINUM FUEL TANK - LH  
6 GALLON DIESEL EXHAUST FLUID TANK  
FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND 12  
VOLT PREHEATER

### **Tires**

MICHELIN X LINE ENERGY Z 315/80R22.5 20 PLY RADIAL FRONT TIRES  
MICHELIN X WORKS XDY 315/80R22.5 20 PLY RADIAL REAR TIRES

### **Hubs**

CONMET PRESET PLUS PREMIUM IRON FRONT HUBS  
WEBB IRON REAR HUBS

### **Wheels**

22.5X9.00 10-HUB PILOT POLISHED ALUMINUM FRONT WHEELS WITH  
DURA-BRIGHT OUTER FINISH

22.5X9.00 10-HUB PILOT POLISHED ALUMINUM REAR WHEELS WITH  
DURA-BRIGHT OUTER FINISH

### **Cab Exterior**

160 INCH BBC HIGH-ROOF ALUMINUM CONVENTIONAL AIR RIDE CREW  
CAB  
BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS  
NFPA COMPLIANT LH AND RH EXTERIOR GRAB HANDLES  
HOOD MOUNTED CHROMED PLASTIC GRILLES  
FIBERGLASS HOOD & FIREWALL INSULATION  
DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS  
WITH DUAL LANYARDS  
DUAL ELECTRIC HORNS  
LED HEADLIGHT ASSEMBLY AND INCANDESCENT MARKER/TURN  
LAMP WITH CHROME BEZELS & DAYTIME RUNNING LIGHTS  
WIG-WAG LOW BEAM HEADLAMPS WITH DASH SWITCH, WITH PARK  
BRAKE RELEASED  
LED AERODYNAMIC MARKER LIGHTS  
DUAL 102" WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH  
AND RH REMOTE  
LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED  
UNDER PRIMARY MIRRORS  
63X14 INCH TINTED REAR WINDOW  
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING  
WINDOWS  
RH AND LH ELECTRIC POWERED WINDOWS & DOOR LOCKS  
1-PIECE SOLAR GREEN GLASS WINDSHIELD  
2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL  
INDICATOR, FRAME MOUNTED

### **Cab Interior**

GRAY & CARBON VINYL INTERIOR  
MOLDED PLASTIC DOOR PANELS WITH ALUMINUM KICKPLATES  
LOWER DOORS  
BLACK MATS WITH PREMIUM INSULATION  
FORWARD ROOF MOUNTED CONSOLE  
AM/FM/WB WORLD TUNER RADIO WITH AUXILIARY INPUT  
(2) CUP HOLDERS LH AND RH DASH  
M2 DASH WITH DUAL USB CHARGING PORTS (2)  
HEATER, DEFROSTER AND AIR CONDITIONER  
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH  
SOLID-STATE CIRCUIT PROTECTION AND FUSES  
12V NEGATIVE GROUND ELECTRICAL SYSTEM  
LED PREMIUM CAB LIGHTING  
SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION  
DRIVER SEAT NFPA COMPLIANT

SEATS INC 911 UNIVERSAL SERIES SCBA NON SUSPENSION  
PASSENGER SEAT WITH UNDERSEAT STORAGE NFPA COMPLIANT  
SEATS INC 911 UNIVERSAL SERIES SCBA NON SUSPENSION LH, RH  
AND CENTER REAR PASSENGER SEATS WITH UNDER SEAT STORAGE  
NFPA COMPLIANT  
BLACK CORDURA PLUS CLOTH SEAT COVERS  
NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT BELTS  
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN  
4-SPOKE 18 INCH BLACK STEERING WHEEL  
DRIVER AND PASSENGER INTERIOR SUN VISORS

### **Instruments & Controls**

BRIGHT ARGENT FINISH GAUGE BEZELS  
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM  
DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE  
ELECTRONIC AIR RESTRICTION INDICATOR DISPLAYED IN DRIVER  
DISPLAY  
ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING  
WHEEL SPOKES  
PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY  
FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING  
2 INCH ELECTRIC FUEL GAUGE  
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE  
DIGITAL TRANSMISSION OIL TEMPERATURE IN DRIVER DISPLAY  
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY  
ELECTRIC ENGINE OIL PRESSURE GAUGE  
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE  
ELECTRONIC 3000 RPM TACHOMETER  
IGNITION SWITCH CONTROLLED ENGINE STOP  
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY  
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY  
ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH  
ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL  
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP  
FLASH, WASH/WIPE/INTERMITTENT  
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER

### **Paint Design**

TWO COLOR CUSTOM BASE/CLEAR COAT CAB PAINT  
BLACK, HIGH SOLIDS POLYURETHANE FRAME/CHASSIS PAINT



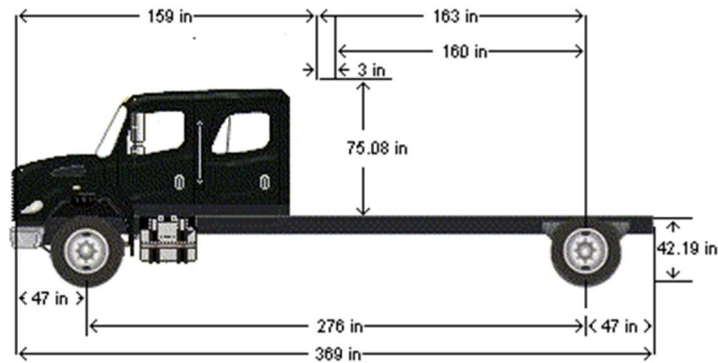
## Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	9390 lbs	5089 lbs	14479 lbs

(+) Weights shown are estimates only. If weight is critical, contact Customer Application Engineering.

**(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.**

## D I M E N S I O N S



Payment Options made available to:

## Anamosa Fire Department

Payment in Full Upon Delivery

\$ 436,325.61

Prepayments and Discounts:

	Upon Chassis Arrival at Toyne	PAYMENTS AT TIME OF CONTRACT				
		50%	66%	75%	80%	90%
Payment	\$130,426	\$218,163	\$287,975	\$327,244	\$349,060	\$392,693
Discount	\$4,862	\$7,981	\$9,516	\$10,379	\$10,859	\$11,818
Balance Due	\$301,038	\$210,182	\$138,835	\$98,702	\$76,406	\$31,814

Aug 3 18



## TOYNE INC.

104 Granite Ave. Breda, IA 51436  
(712) 673-2328 FAX (712) 673-2200

### APPARATUS PURCHASE AGREEMENT

THIS AGREEMENT, made by and between Toyne, Inc. Breda, IA, the first party, and the purchaser:

Anamosa Fire Department  
701 East 3rd Street  
Anamosa, IA 52202

Toyne, Inc. hereby agrees to furnish the apparatus and equipment according to the specifications hereto attached and made part of this contract, and to deliver the same as hereinafter provided.

Toyne, Inc. agrees that all material and workmanship of the apparatus and equipment shall comply with the proposal specifications. In the event there is any conflict between Customer Specifications previously submitted to Toyne, Inc., and the specifications attached hereto, it is understood and agreed between the parties that the apparatus and equipment made the basis of this contract shall meet only the specifications attached hereto and made a part hereof, as if fully and completely set out herein, and no other. The sole and exclusive warranty accompanying this sale is contained in the warranty attached hereto, and made a part hereof by reference, as if fully and completely set out herein. Surety Bond, if required, will cover standard one year warranty period only and will not cover any extended warranties allowed by seller or other component manufacturers.

This fire apparatus shall conform with all Federal Department of Transportation (DOT) rules and regulations in effect at the time of contract signing, and with all National Fire Protection Association (NFPA) Guidelines for Automotive Fire Apparatus as published at the time of contract signing, except as modified by Customer Specifications. Any increased cost incurred by first party because of future changes in or additions to said DOT or NFPA standards will be passed along to the customer as an addition to the price set forth below.

The apparatus and equipment shall be ready for delivery from Breda, IA, within about 565 days after the receipt and acceptance of this contract at the first party's office at Breda, IA. The first party shall not responsible for delays due to strikes, failures to obtain chassis, materials, or other causes beyond its control.

A competent representative shall, upon request, be furnished by first party to demonstrate the apparatus for second party and to give its employees the necessary instructions in the operation and handling of the apparatus.

The second party hereby purchases and agrees to pay for said apparatus and equipment, the sum of:

**\$436,325.61**

This contract price represents the following payment schedule:

A payment of:	\$	0.00	due within 15 days of signing the contract by the purchaser. (for this the contract price includes a discount of \$0.00 )
A payment of:	\$	0.00	due within 15 days of the arrival of the chassis at Toyne Inc. (for this the contract price includes a discount of \$0.00 )
A payment of:	\$	436,325.61	due upon the delivery of the apparatus to the purchaser.



Interest at 12 percent per annum, payable monthly, shall be charged on all past due payments. If deferred payment arrangements are made, such arrangements shall be in writing, and second party's obligation shall be evidenced by properly executed lease documents.

If more than one piece of apparatus is covered by this contract, the above terms of payment shall apply to each piece, and an invoice covering each piece shall be rendered in the proper amount.

In the event the apparatus is placed in fire service prior to payment in full, the first party reserves the right to charge a rental fee of Two Hundred Fifty Dollars (\$ 250.00) per day.

The name of the person authorized by the second party to authorize change orders shall be:

Dan Frank

Any applicable taxes not specified noted above will be paid by the second party directly, or will be added to the Purchase Price and paid by the first party. If second party claims exemption from any tax, second party agrees to furnish applicable exemption certificate and save the party harmless from any such tax, interest or penalty, which may at any time, is assessed against the first party.

Acceptance of goods shall occur when the second party takes delivery. In case the second party desires to test the apparatus, such tests shall be made within 10 days after arrival of the goods at destination and a written report of such tests shall be delivered to the first party at its principal office at Breda, IA. If no such tests are to be made, or if no such report is made by the second party within 10 days after arrival, then said apparatus and equipment shall be conclusively determined to be in full compliance with contract specifications and conclusively determined to be conforming and in accordance with the obligations under this contract. No revocation of acceptance shall take place unless communicated to the first party within 10 days after delivery of the goods. In the event notice of revocation of acceptance is communicated to the first party within 10 days, the second party's right to revoke its acceptance shall be governed by the laws of the State of Iowa.

Toyne, Inc. shall not be liable if performance failure arises out of causes beyond his control and without the fault or negligence of the Contractor (acts of God, war, fires, floods, freight embargoes, order of any court, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance). Should a performance failure occur, it will be the responsibility of the Contractor to notify the Purchaser in writing and submit proof of the circumstances for non-performance. Immediately following the resolution of circumstances responsible for non-performance, the Contractor must renegotiate delivery schedules.

It is agreed that the apparatus and equipment covered by this contract shall remain the property of Toyne, Inc. until the entire contract price has been paid, but if more than one piece of apparatus is covered by this contract, then each piece shall remain the property of Toyne, Inc. until the above listed price for such piece has been paid in full, and in case of an default in payment, Toyne, Inc. may take full possession of the apparatus and equipment, or of the piece or pieces upon which default has been made, and any payments that have been made shall be applied as payment for the use of the apparatus and equipment up to date taking possession.

This contract to be binding must be signed and approved by an officer of Toyne, Inc., or someone authorized in writing by it to do so. This contract and specifications take precedence over all previous negotiations and no representatives are considered as entering into this contract except as are contained herein or in the specifications attached hereto. This contract cannot be altered or modified except by mutual written agreement signed by the parties.



If for any reason, the Purchaser wishes to cancel this contract. Toyne Inc. will be entitled to an amount not to exceed 10% of the total contract price plus 100% of all expenses incurred by Toyne, Inc. and its authorized representative as a result of the cancellation. Such expenses would include, but not limited to, the following items:

- Manufacturing or engineering work already performed.
- Cancellation fees charged by component manufacturer's.
- Full cost of all un-returnable items.

If any part hereof is contrary to, prohibited by, or deemed invalid under applicable laws or regulations, such provision shall be deemed inapplicable and deemed omitted to the extent to contrary, prohibited or invalid, but remainder shall be deemed inapplicable and deemed omitted to the extent to contrary, prohibited or invalid, but remainder shall not be invalidated and shall be given effect so far as possible.

IN WITNESS WHEREOF, the said parties have caused these presents to be executed and the second party has caused its seal to be affixed, and attested by its authorized representatives on this:

\_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_.

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

Title: \_\_\_\_\_  
Second Party's Registered Name

By: \_\_\_\_\_  
Toyne Inc. Sales Representative

Accepted at Toyne Inc. Corporate Office in Breda, IA

By: \_\_\_\_\_  
Michael D. Schwabe - President

Date: \_\_\_\_\_

**RESOLUTION 2022-84**

**APPROVING AGREEMENT FOR FIRE DEPARTMENT OT PLACE ORDER FOR NEW FIRE TRUCK**

WHEREAS, the Fire Department is in the process of ordering a new Fire Truck; and

WHEREAS, the order must be placed by December 30, 2022 to have an estimated completion and delivery in approximately twenty (20) months from placement of order; and

WHEREAS, the Fire Department budgets for replacement of Fire Trucks/vehicles in it's yearly budget to cover the expenses;

THEREFORE, be it resolved that a the City is approving the Fire Department to purchase of one (1) new fire truck with the pricing not to exceed \$436,325.61.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-84** and moved for its adoption. Councilmember \_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 12<sup>th</sup> day of December 2022.

ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/Clerk

\_\_\_\_\_  
Rod Smith, Mayor

# Meeting Agenda and Governance Management for Modern Communities

Diligent Community is the next-generation governance and civic engagement solution for public organizations that simplifies the end-to-end agenda and meeting management process. Easily manage complex governance tasks in hybrid environments and significantly reduce prep time to focus on what's important. Our unified experience empowers board administrators and leaders to advocate for their mission while seamlessly connecting with the public to address critical community issues.



## Drive efficiency and save time to focus on what matters most

Leverage a fully secure, digital and streamlined process for agenda and meeting management to focus on high quality decisions rather than meeting preparation.

- Automated agenda creation through templates and submitted items
- Comprehensive full-cycle meeting management
- Streamlined workflow and approval process
- One-click to publish and distribute agendas and minutes
- Full Agenda packet downloads and printing capabilities
- SMS and email notifications for agendas and approvals



## Facilitate Stakeholder and Community Engagement

Empower governance leaders to exercise transparency and easily engage with the board, council, staff and the public.

- Public subscription to agenda notification
- Real-time access to meeting progress and digital voting results
- On-demand meetings with time stamping
- Manage remote or hybrid public meetings effectively
- Secure access to meeting materials and digital annotations from any device



## An inclusive solution to connect with your community

Ensure complete public visibility into current and past board and council materials for all community members.

- Public portal and request to speak for transparency and accessibility
- Compliant with ADA and WCAG2.1AA
- Hosted in world-class data centers that are ISO27001 certified and maintain SOC audit reports
- Intuitive and searchable design
- Ensure open meeting law compliance
- Most relevant and current information easily accessed
- Live-streamed meetings with closed captions

**To learn more about Diligent Community, contact us today:**

**Email:** [community@diligent.com](mailto:community@diligent.com) | **Visit:** [diligent.com/community](https://diligent.com/community)



**Community**  
BY DILIGENT



# Community by Diligent Empowers Public Boards to Lead with Purpose

The next-generation modern governance and civic engagement solution for local governments

For government leaders and clerks to be successful in today's digital age, it is essential to ensure the citizens in their community are informed, engaged, and have easy access to community resources. The demand for flexible and secure virtual services has rapidly increased, forcing governance leaders to reshape meeting agendas and governance management processes. Local government leaders who continue to rely on manual processes and outdated technologies will use more time and resources, leading to governance gaps, poor meeting efficiency, and failure to address critical community needs for transparency, inclusion, and engagement.

Community by Diligent is the next-generation modern governance and civic engagement solution for public organizations. Simplifying your governance management requirements, including end-to-end agenda and meeting management processes. Easily manage complex governance tasks in hybrid environments and significantly reduce prep time, improve organizational efficiency and increase transparency.

Our solution empowers board administrators and leaders to advocate for their mission while seamlessly connecting with the public to address critical community issues.





## Why Community by Diligent

- ✓ Over 100 years of combined experience serving school districts, public boards, and committees
- ✓ The global leader in modern governance where the customer comes first
- ✓ Continuous product innovation based on challenges facing public boards
- ✓ Flexible implementation and training process in your preferred style from self-directed to remote
- ✓ Live customer support where expert advisers help answer your questions

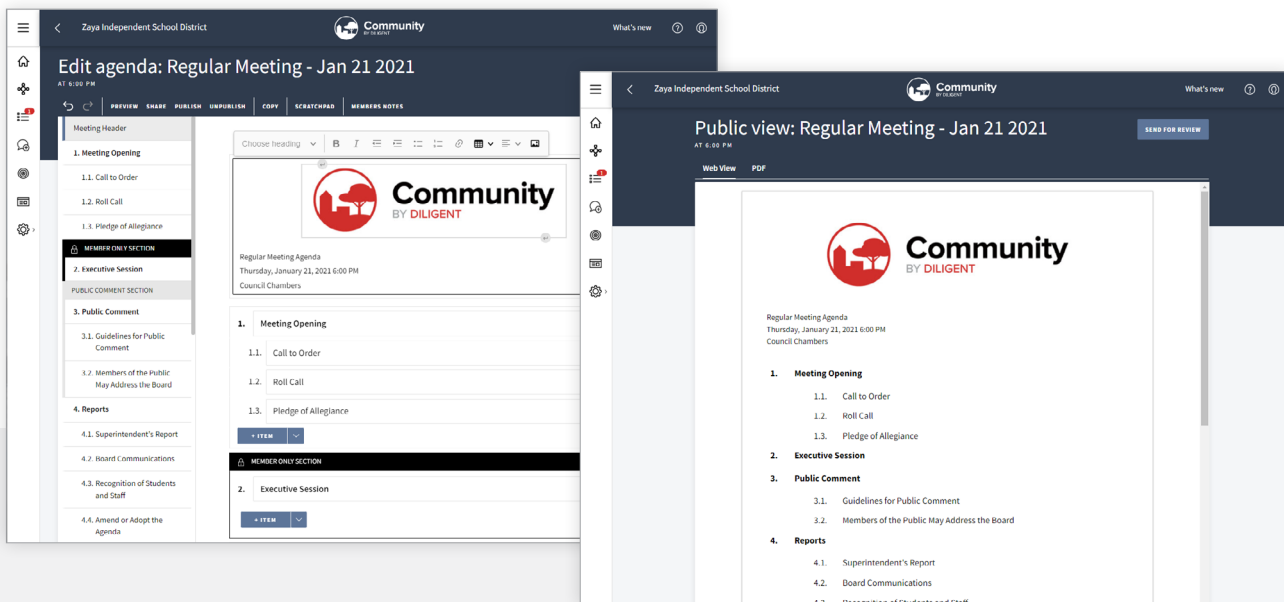
## Trusted by

more than

**7,500**  
public organizations

and

**345,000**  
users



Drive **efficiency** and save time to focus on what matters most



Facilitate stakeholder and community **engagement** in hybrid settings



An **inclusive** and dependable solution to connect with your community anywhere, anytime

## Tailored to your Needs

- Agenda Creation
- Flexible Workflow for Agenda Item Submission
- Live Meeting and Minutes
- Document Center
- Public Site and Publish to Public Stakeholders
- Public Subscription to Agenda Notices
- Full Agenda Packet Downloads and Printing Capabilities
- Member Annotations
- SMS and Email Notifications
- Fully Searchable
- ADA Compliant

## #WhyIServe



“I have over 20 years of experience working with customers online and 12 years working and leading the implementation and training teams for Diligent brands focused on Local Government and Education. I have been helping customers streamline processes by maximizing their use of tools to achieve their goals as efficiently as possible.”

**Alex Richards**  
Senior Director of Customer Success

**For more information or to request a demo:**

Email: [info@diligent.com](mailto:info@diligent.com) • Visit: [diligent.com](https://diligent.com)



Proposal for: City of Anamosa, IA

Prepared for: Michon Jackson, City Administrator/City Clerk

Date: November 14, 2022

Prepared by: Laurel Masters  
Governance Advisor I  
[lmasters@diligent.com](mailto:lmasters@diligent.com)  
250-571-2430

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## Overview

**Diligent Community™: a modern governance solution designed exclusively to meet the needs of local government.**

Many local governments are relying on paper-bound processes or outdated technologies that no longer meet the needs of today's digital age. Consequently, they are facing serious governance gaps, and struggling with poor meeting efficiency, issues with inclusion, transparency and security, and lack of access to real-time information. Diligent Community, alongside forward-thinking public leaders, addresses these pressing governance gaps.

Diligent Community enables local government leaders and clerks to achieve excellence in modern governance. It supports responsiveness to their constituencies through an integrated set of technologies, insights and processes. Building on Diligent's deep experience in offering digital governance solutions to corporate boards, Diligent Community provides local governments with the same streamlined approach to modern governance, but tailored to the specific needs of councils.

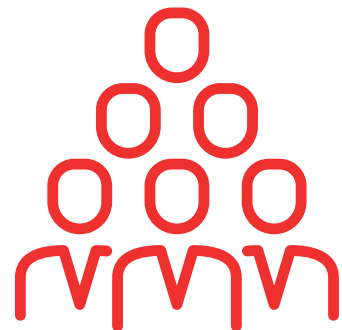
Diligent Community is a responsive design, "mobile-first" digital solution that enables councils to drive workflows in a predictable and transparent manner, encouraging engagement and making the decision-making process more effective. For constituents, this means that not only are all current and past meeting documents available anytime from anywhere, but live, fully inclusive meeting participation is now possible.



EFFICIENT

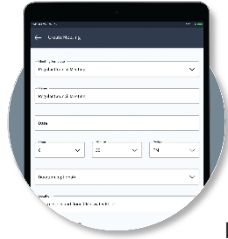


MOBILE

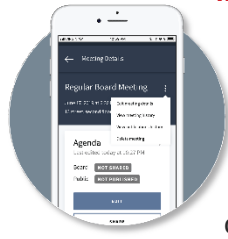


INCLUSIVE

## Why choose Diligent Community



**Efficiency** – Local governments, first and foremost, must prioritize serving their constituents, and only then can they turn their focus to improving governance. Community leaders are required to drive results with fewer resources and limited time. Diligent Community facilitates a fully secure, digital and streamlined process for meetings, including agenda management, document collation with status updates, and publication of final meeting materials and minutes. Diligent Community gives leaders the ability to manage the workflow of building and sharing meeting materials and agendas in a predictable and transparent manner. And, it's intuitive and easy to use.



**Mobility** – Now more than ever, our communities are connected through our devices. Mobile technologies can help local government leaders engage their constituents outside the context of a laptop or home computer. That's why Diligent Community has been built to leverage a responsive, mobile-first design to ensure that any action taken on a desktop will be just as easy to complete on a smartphone or tablet. Not only does this allow flexibility for council members to review and annotate documents from their preferred device, but provides clerks the ability to add, edit and publish agenda items on the go.



**Inclusion** – Ease of engagement and inclusion are critical. Whether you're talking about geographically diverse districts, people with disabilities, single moms, housebound seniors or constituents who are traveling, these are everyday scenarios. Local governments are getting challenged in court over lack of inclusion for all citizens. Diligent is committed to expanding engagement for all citizens through the use of technology. By using technology to reduce barriers and make it easier to engage, all members of our community can play a full and active role in the governance process and the entire community benefits. Diligent Community is built on a foundational commitment to be inclusive for all users.

## Summary of Key Capabilities

- Agenda and book creation
- Council member cross-device annotations
- One-click print for meeting material
- Enhanced accessibility features
- Improved mobile-first UI
- Fewer clicks and more productivity
- Powerful search capabilities
- Localized community-specific user interface
- Social media integrations



## Security

**Diligent's 360° safety measures include safeguards against internal, external and unknown threats.**

The core of the technology for Diligent Community is deployed through an open, flexible, enterprise-grade cloud computing platform housed in world-class hosting data centers that maintain various globally recognized security certifications. The data centers also provide physical and environmental controls to ensure access is controlled 24x7. Data is secured using industry-standard encryption methods.

## Support

**We take pride in delighting our clients.**

We pride ourselves on delivering best-in-class customer support to our clients. Our customer support team is available 24/7. The team is here as your resource, free of charge.

As part of our commitment to the success of your community, you'll receive support as part of our service:

- 24/7 Support
- Implementation onboarding
- Unlimited storage for agendas and council-related documents
- Online user guides, tips/tricks and videos
- Regular customer webinars

## About Diligent

Diligent is the pioneer in modern governance. Diligent empowers leaders to turn governance into community impact through unparalleled insight and highly secure, integrated SaaS applications that help public sector entities thrive and endure in today's complex landscape. Diligent's trusted, cloud-based applications streamline the day-to-day work of boards, councils and committees, support accountability and transparency, manage hundreds of policy documents and files, and deliver the insights and information leaders need to address stakeholder concerns and create impact.

With the largest global network of directors and executives, Diligent's suite of governance solutions are relied on by more than 16,000 organizations and 650,000 leaders in over 90 countries. With an eye toward inclusivity and accessibility, Diligent serves some of the largest public governing bodies and more than 50% of the Fortune 1000, 70% of the FTSE 100 and 65% of the ASX.



## Pricing

One-time Fee	
<b>Setup &amp; Implementation</b>	\$1000
Includes setup and implementation of Diligent Community	
Annual Fee	
<b>Diligent Community</b>	\$6,000
<ul style="list-style-type: none"> <li>Includes agenda management, publishing book materials, board member annotations and more</li> <li>Unlimited agendas &amp; minutes templates of one (1) format</li> <li>Unlimited storage for meeting related content excluding large video files</li> <li>Unlimited users within your organization</li> </ul>	
<b>Transparency Portal</b>	Included
<ul style="list-style-type: none"> <li>Meeting schedules, agendas, minutes, voting and attendance records are all included</li> <li>Citizens can subscribe to receive automatic email updates</li> <li>Automatically refreshes with the latest information once it is complete</li> </ul>	
<b>Training Options</b>	Included
<b>Self-directed</b>	
<ul style="list-style-type: none"> <li>Shortest implementation timeframe</li> <li>Training is self-directed using the Diligent Community Learning Management System (LMS), guides and videos</li> <li>Meetings with Implementation Specialist</li> <li>Follow up training/coaching will remain self-directed utilizing the LMS, guides and videos</li> </ul>	
<b>Group training</b>	
<ul style="list-style-type: none"> <li>Initial training is in a group format</li> <li>Meetings with Implementation Specialist</li> <li>Access to the Diligent Community Learning Management System (LMS), guides and videos</li> <li>1 hour, 1 on 1 coaching sessions with Implementation Specialist for Q&amp;A and configuration</li> <li>Ongoing training/coaching in a group format</li> </ul>	
<b>Advanced Training Option</b>	Included
<b>1 on 1 training</b>	
<ul style="list-style-type: none"> <li>Available for an annual fee</li> <li>Initial training is dedicated to your organization</li> <li>Meetings with your Implementation Specialist</li> <li>Access to the Diligent Community Learning Management System (LMS), guides and videos</li> <li>Increased frequency of 1 hour, 1 on 1 coaching sessions with your Implementation Specialist</li> <li>Ongoing training/coaching in a 1 on 1 format</li> </ul>	
<b>Optional Addon: Add'l 5 Committees</b>	\$2500
<ul style="list-style-type: none"> <li>Includes agenda management, publishing book materials, board member annotations and more</li> <li>Unlimited agendas &amp; minutes templates using five (5) formats</li> <li>Unlimited storage for meeting related content excluding large video files</li> </ul>	

### Terms & Conditions

- The annual fees outlined herein are guaranteed for thirty (30) calendar days from the date of issuance

- The annual fees outlined herein are based on a one-year auto renew contract
- The annual fees include hosting, technical support (e-mail and 1-800 support), maintenance, online training sessions, regular upgrades to the software and storage space
- All annual fees are payable up front
- Your license will include unlimited users from your organization

**RESOLUTION 2022-85**

**APPROVING AGREEMENT WITH DILIGENT FOR NEW SOFTWARE FOR COUNCIL PACKETS AND MINUTES  
NOT TO EXCEED \$7,000**

BE IT RESOLVED by the Council of the City of Anamosa, Iowa:

WHEREAS, the City has a web site that is not very user-friendly in regards to the agenda and minutes; and

WHEREAS, there are multiple software options to get a streamlined and organized way to produce the council agenda, packets and minutes that is more professional and user-friendly way; and

WHEREAS, The contract pricing would not exceed the total of \$7,000 for the initial software installation and training and the other companies were at a much higher price point for the same type of comparable software capabilities;

THEREFORE, be it resolved that a the City is authorizing the Mayor and City Administrator to execute said agreement with Diligent for new council packet software.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-85** and moved for its adoption. Councilmember \_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 27<sup>th</sup> day of December 2022.

ATTEST:

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Michon Jackson, City Administrator/Clerk

---

Rod Smith, Mayor

Date: December 15, 2022

Project Name: Anamosa Downtown Revitalization Façade Project Phase 2

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Exhibit A to Contract AIA B101-2017

Additional Contract Provisions and Modifications to the Standard Contract

#### 14.1 ADDITIONAL CONTRACT PROVISIONS AND MODIFICATIONS TO THE STANDARD CONTRACT

- 14.1.1 Limitation of Liability: In recognition of the relative risks and benefits of the project to both the Owner and the Architect, the risks have been allocated such that the Owner agrees, to the fullest extent permitted by law, to limit the liability of the Architect and Architects officers, directors, partners, employees, shareholders, owners and subconsultants for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, so that the total aggregate liability of the Architect and Architects officers, directors, partners, employees, shareholders, owners and subconsultants shall not exceed \$50,000 or the Architect's total fee for services rendered on this project, whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.
- 14.1.2 Deficiencies in Services: Payment by the Owner of any invoice of the Architect without any written objection shall be interpreted to mean that the Owner is satisfied with the Architect's services reflected in the invoice and is not aware in any deficiencies in the Architect's services.
- 14.1.3 Disputed Invoices: If the Owner objects to any portion of an invoice, the Owner shall so notify the Architect within ten (10) calendar days of the receipt of the invoice. The Owner shall identify the specific cause of the disagreement and shall pay when due that portion of the invoice not in dispute. Interest as stated in paragraph 11.10.2.1 shall be paid by the Owner on all disputed invoiced amounts resolved in the Architect's favor and unpaid for more than thirty (30) calendar days after date of submission.
- 14.1.4 Collection Costs: In the event legal action is necessary to enforce the payment provisions of the Agreement, the Architect shall be entitled to collect from the Owner any judgment or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the Architect in connection therewith and, in addition, the reasonable value of the Architect's time and expenses spent in connection with such collection action, computed at the Architect's prevailing fee schedule and expense policies.
- 14.1.5 Defects in Service: The Owner shall promptly report to the Architect any defects or suspected defects in the Architect's work or services of which the Owner becomes aware, so that the Architect may take measures to minimize the consequences of such a defect. The Owner warrants that he or she will impose a similar notification requirement on all contractors in his or her Owner/Contractor contract and shall require all subcontracts at any level to contain a like requirement. Failure by the Owner, and the Owner's contractors or subcontractors to notify the Architect, shall relieve the Architect of the costs of remedying the defects above the sum such remedy would have cost had prompt notification been given.
- 14.1.6 Electronic Files: Communication and information transfer is being conducted for this project in electronic form. The information and communications may include email, word processing, drawings, and other file transfers. It is acknowledged by the Owner that the information is being shared in this manner. Meetings where options and modifications are reviewed or discussed may only have information shared visually. Nothing in this agreement shall imply that the Architect is promising to supply computer software or hardware to the Owner or any Consultants or Contractors.

14.1.6.1 Electronic data formats for information to be shared with the Owner will include but not necessarily be limited to Adobe, Microsoft, and AutoCAD formats. Any changes to the electronic data formats by either the Owner or the Architect are subject to review and acceptance by the other party. Should the Owner request that any Instruments of Service, progress or final construction documents, specifications, or

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correspondence be transmitted in electronic form to the Owner the terms of this agreement shall be extended to any electronic files, CADD or word-processing files, which are produced by the Architect for this project.

14.1.6.2 In accepting and utilizing any drawings, reports and data on any form of electronic media generated and furnished by the Architect, the Owner agrees that all such electronic files are instruments of service of the Architect, who shall be deemed the author, and shall retain all common law, statutory law and other rights, without limitation, including copyrights.

14.1.6.3 The Owner agrees not to reuse these electronic files, in whole or in part, for any purposes other than for the Project. The Owner agrees not to transfer these electronic files to others without the prior written consent of the Architect. The Owner further agrees to waive all claims against the Architect resulting in any way from any unauthorized changes to or reuse of the electronic files for any other project by anyone other than the Architect.

14.1.6.4 Electronic files furnished by either party shall be subject to an acceptance period of ten (10) days during which the receiving party agrees to perform appropriate acceptance tests. The party furnishing the electronic files shall correct any discrepancies or errors detected and reported within the acceptance period. After the acceptance period, the electronic files shall be deemed to be accepted and neither party shall have any obligation to correct errors or maintain electronic files.

14.1.6.5 The Owner is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the Architect and electronic files, the signed or sealed hard-copy construction documents shall govern.

14.1.6.6 In addition, the Owner agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Architect, its officers, directors, employees and subconsultants (collectively, Architect) against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from any changes made by anyone other than the Architect or from any reuse of the electronic files without the prior written consent of the Architect.

14.1.6.7 Under no circumstances shall delivery of electronic files for use by the Owner be deemed a sale by the Architect, and the Architect makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the Architect be liable for indirect or consequential damages as a result of the Owner's use or reuse of the electronic files.

- 14.1.7 Changed Conditions: The Owner and Architect agree that when changes in the project, this agreement may need to change. Changes may be required in light of occurrences or discoveries that were not originally contemplated or known by the Architect. Changes in the project which may necessitate re-negotiation of this contract shall include but not be limited to changes in the project scope, project budget, subsoil conditions, project delivery methods, regulatory changes or interpretations, and actions on the part of the Owner or Contractors that prolong the construction process, which are not the fault of the Architect. Should the Architect call for contract re-negotiation, the Architect shall identify the specific condition necessitating re-negotiation and the contract changes required. The Owner shall promptly respond to this notification and accept the change, propose an alternate contract modification or reject this change. Either party has the right to terminate this agreement in accordance with Article 9 of this Agreement.

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- 14.1.8 Code Compliance: The Architect will exercise usual and customary professional care in his or her efforts to comply with all codes, regulations, and laws in effect as of the date of submission to local building code authorities. The Owner shall inform the Architect of any codes, regulations, or laws which are applicable to this project, and for which the Owner has information not commonly available within the construction industry.
- 14.1.9 Confidential Communications: The Architect may be required to report on the past or current qualifications and performance of others engaged or being considered for engagement directly or indirectly by the Owner, and to render opinions and advice in that regard. Those about whom reports and opinions are rendered may as a consequence initiate claims of libel or slander or other claim against the Architect. To help create an atmosphere in which the Architect feels free to express himself candidly in the interest of the Owner, the Owner agrees, to the fullest extent permitted by law, to indemnify and hold the Architect, its officers, directors, employees and subconsultants (collectively Architect) harmless from any claim, liability, or cost (including reasonable attorney's fees and costs of defense) for injury or loss arising or allegedly arising from such professional opinions and reports rendered by the Architect to the Owner or Owner's agents. For publicly bid projects the Architect will comply with public policy in reporting the reliability of the Contractor. The Architect will provide references of past experience with the Contractor, but the decision to hire the Contractor is solely that of the Owner.
- 14.1.10 Known and Suspected Environmental Hazards: This paragraph supplements information outlined in Article 5. In consideration of the substantial risks to the Architect posed by the presence or suspected presence of asbestos or hazardous or toxic materials on or about the project site, the Owner agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Architect, his officers, directors, employees, agents, and independent consultants and any of them from all claims and losses, including reasonable attorney's fees and defense costs, arising out of, or in any way connected with, the performance or nonperformance of the obligations under this Agreement unless and until there has been an adjudication by a court forum of competent jurisdiction that the claims at issue are a direct result of the sole negligence of the Architect. The Architect will cooperate with the Owner to have hazardous material testing conducted on the project by a laboratory certified for this type of testing. If materials are identified in the course of that testing, the Owner agrees to hire a certified mitigation company to remove such materials from the project prior to start of the construction.
- 14.1.12 Architect Services: Should the services of the Architect not be continued beyond the schematic or design development phases of this contract, it is understood that the drawings and other instruments of services are preliminary and not meant for construction. Further the Owner agrees to indemnify and hold harmless the Architect from any claims which may arise out of the use of such schematic designs for construction purposes.
- 14.1.13 Termination or Suspension of Services: In the event that the Owner fails to make payment upon any invoice within 60 days of the invoice date, the Architect may suspend or terminate services at his option in accordance with Article 9. The Architect also shall have no liability whatsoever to the Owner for any costs or damages as a result of such suspension or termination caused by any breach of this Agreement by the Owner and shall be entitled to termination expenses. Should the Architect agree to restart services on the project, he shall have the right to compensation for expenses incurred in the interruption and resumption of the Architect's services.
- 14.1.14 Termination Expenses: These expenses are in addition to compensation for contracted services, and include expenses, which are directly attributable to termination. Termination Expenses shall be the greater of Five Thousand Dollars and Zero Cents (\$5,000), the actual documented cost of termination, or the amount computed as a percentage of the total compensation for the project earned to the time of

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termination as follows. These termination expenses will not be charged if the Architect terminates the Agreement for reasons other than Owner non-performance.

- 14.1.14.1 Twenty percent of the total compensation earned to date if termination occurs before or during the predesign, site analysis, master planning, schematic design, or similar project phase; or
- 14.1.14.2 Ten percent of the total compensation for services earned to date if termination occurs during the design development phase; or
- 14.1.14.3 Five percent of the total compensation for services earned to date if termination occurs during any subsequent phase;



Section	Supplemental Service	Description of Service	Phase of Service Provided	Party Responsible for Providing Additional Service	Form in which the information or service is provided, scope of the service provided, modifications to the standard service shown in this agreement, or special conditions adopted for this project.
<b>4.1.1</b>	<b><u>Scope of Services</u></b>	The work of this project is limited to the scope of service described by the CDBG grant for this project. Work beyond the scope of the grant will be considered an additional service. If such work is requested by a building owner or if in the course of the project additional work needed for the structural integrity of the building, the Architect will prepare a proposal for Additional services for review by the City of Anamosa and acceptance by the building owner.	All Phases	Architect	Work project prepared for this project is incorporated in the presentation materials and construction documents prepared for this project.
<b>4.1.2</b>	<b><u>Building Owner Contact</u></b>	The Building Owner will provide contact information, name, address, telephone, and email if available, to the City of Anamosa and the Architect. If this contact changes during the course of the project, the Building Owner will update such information.	Programming Phase	Building Owner	Correspondence with requested information.
<b>4.1.3</b>	<b><u>Simultaneous Construction</u></b>	Work performed on one of the project buildings by other contractors at the same time as the grant project is under construction.	All Phases	Architect	Coordination of contractors will be charged for as an additional service.
<b>4.1.4</b>	<b><u>Communication, Chain of Command, and Project Administration</u></b>	The means by which information is communicated and by which the project is administered.	All Phases	City, Building Owners, ECICOG	The contract for Architectural Services is with the City of Anamosa. The representative designated by the City shall be the primary contact for project information, guidance, and direction on the project. The Architect will meet with Building Owners, with the City Representative present whenever possible. The Architect will communicate with ECICOG, IEDA, SHPO, the Anamosa Building Department, and other agencies as needed for the project. The Architect will be the City of Anamosa's representative to the Contractors as outlined within this
<b>4.1.5</b>	<b><u>Building Owner Meetings</u></b>	Meetings with the Building Owners to review project scope, status, design, budget, or other project related topic	Programming/Schematic Design	Architect with limitations	Architect will meet with the Building Owners as follows:
<b>4.1.5.1</b>					Meeting 1- Review design development documents with building owners to confirm scope of work and costs are still acceptable to the building owner.
<b>4.1.5.3</b>					Meeting 2- Review Construction Documents with the Building Owner and discuss changes from the original design.
<b>4.1.5.4</b>					Meeting 3- Construction bidding meeting. After receipt of Construction Bids, the Architect will conduct a joint meeting arranged for by the City Representative, to distribute bid results and answer questions of Building Owners. At this time the successful Contractor shall be introduced and the process and schedule for construction will be discussed.
<b>4.1.5.5</b>					Construction Phase Meetings- The City Representative may invite Building Owners to meetings during construction for project updates. The Architect will attend up to 6 of these meetings that are to be held in conjunction with the monthly construction jobsite meeting.
<b>4.1.6</b>	<b><u>Work Beyond the Scope of the Grant</u></b>	Services requested by a building owner or required for the structural integrity of a structure that goes beyond the scope of the CDBG grant. Such services to be billed to the City of Anamosa for reimbursement by the Building Owner as a part of paying for the building work.	Any Phase	Architect	Materials may be added to the Construction Documents for bidding as a part of the overall project or bid separately depending upon requirements of IEDA.
<b>4.1.7</b>	<b><u>Existing Facilities Surveys</u></b>	Field verifying condition of the storefronts of the existing structures and identification of conditions requiring attention. The survey may include review of existing materials, repairs required, and building code review. The State Historic Preservation Office has required on past projects that a survey of all existing windows be performed for their review. This is included in these services.	Construction Documents	Architect	Construction Documents for ongoing services. Services to determine remedial and maintenance work required on the existing storefronts. No separate report will be provided for the overall building condition but the window survey required by SHPO is included.
<b>4.1.8</b>	<b><u>Destructive Exploration</u></b>	Looking at the outside of a building does not tell the entire story about a building. Conditions hidden within walls, ceiling cavities, or under layers of finish hide information that indicate structural problems. To cut into these areas before the start of construction leads to a blemish on the building that is unsightly in the interim and if no faults are found requires patching and repair. The typical limitation upon architectural services is that building conditions are inferred without destructive exploration. Mortar and asbestos testing will be conducted by certified technicians and will employ destructive demolition of the surface of materials. See that section for additional	Construction Documents	Architect	The Architect will prepare work product from observations of the building and will not perform destructive demolition. If conditions appear to require destructive demolition, the Architect will notify the City Representative and the Building Owner and will work them to hire contractors to perform the demolition or in the case of minor investigation may elect to perform the service themselves. The obligation to conduct the investigation and repair the surface is up to the Building Owner to repair unless it can be included in the grant project.

Section	Supplemental Service	Description of Service	Phase of Service Provided	Party Responsible for Providing Additional Service	Form in which the information or service is provided, scope of the service provided, modifications to the standard service shown in this agreement, or special conditions adopted for this project.
4.1.9	<u>Preliminary Survey and Work Plans</u>	Assessment of the physical appearance of each building storefront and evaluation of its level of integrity, physical condition, probable historical significance of individual elements, and recommended work plan, whether historical or not. Assessment of the building requires access to the Architect and other consultants by the Owner.	Schematic Design	Architect	Schematic Design Documents and Project Schedule. No separate report will be provided.
4.1.10	<u>Documentation of Existing Conditions</u>	Provide a record of the property storefronts as they now exist, which may include measured drawings, field notes, photographs, or other means of documentation of the storefronts.	Schematic Design	Architect	File photographs, notes, and measured drawings. The building storefronts in the project will be documented only as far as required for the scope of the renovations provided.
4.1.11	<u>Historic and Building Record Materials</u>	Drawings, photographs, plans, or other materials that describe the structure when it was built, as it was modified, or as it currently exists.	Schematic Design	Owner	Owner records. The Architect requests that the Building Owner provide copies of any historic photographs, grant applications, reports, or any other historic materials possessed by the Owner or their Consultants.
4.1.12	<u>Historic Tax Credits, National Trust Nominations, Building History Research, Archeological Research, Historic Structure Report (HSR), and Historic American Building Survey/Historic American Engineering Record (HABS/HAER), and applications or work for other grant programs</u>	Researching the history of the building and site and preparation of standardized reports or drawings for purposes of building documentation and submission to historic agencies for grants, National Trust, or other national agencies beyond the scope of the CDBG grant which outlines the scope of this project.	Ongoing	Owner	This project scope does not include any services for these or other programs.
4.1.13	<u>Condition Survey</u>	Describe the condition of the building storefronts and identify the location of areas of concern. No finished report of the building conditions will be prepared for this project.	Schematic Design/Construction Documents	Architect	File photographs, notes, and measured drawings. Testing of structural elements, replacement of structural elements, such as beams, columns, or wall ties, and seismic reinforcement of the storefront are not included in this scope of services. Any services of a structural engineer will be an additional expense.
4.1.14	<u>Owner project contributions</u>	It is important the Building Owners understand the method by which their match to the grant dollars will be computed. At this time it is assumed that the Building Owner contribution to the project will be computed based upon the actual bids turned in by the successful General Contractor.			The Architect will require General Contractors to submit breakdowns of the individual building project costs. The project cost will be shown as one lump sum amount.
4.1.15	<u>Bidding Information</u>	Breakdowns of individual building costs. The process of publicly bidding a project is a hectic time for the contractors where project cost numbers are submitted by subcontractors at the last possible second and where errors are highly probable. Many people want to know the cost of their individual building project.	Bidding Phase	Architect	The Architect will require General Contractors to submit breakdowns of the individual building project costs. The project cost will be shown as one lump sum amount.
4.1.16	<u>Structural Investigation</u>	Visually review the existing storefront for indications of structural failure. Indicators will include masonry, stucco, or plaster cracking, excessive sagging of structural elements, separation of building materials, or deterioration of the material integrity due to crushing, weathering, or rot.	Schematic Design/Construction Documents	Architect	File photographs, notes, and measured drawings.
4.1.17	<u>Programming</u>	Identification of building uses and the spaces required to meet these uses.	Programming Phase	Architect	Incorporated in Schedule of Spaces developed in Schematic Plans. Any programmatic changes after the Schematic Design has been approved by the Owner will be billed for as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.18	<u>Multiple Preliminary Designs</u>	Providing more initial design concepts than the agreed upon amount.	Schematic Design	Architect	Incorporated in Schematic Plans. No more than One (1) exterior schemes for Owner consideration. Each additional scheme will be billed for at a flat fee of \$250.00, or at a fee agreed upon in advance. Such services will be billed to the City of Anamosa for Reimbursement by the Building Owner.
4.1.19	<u>Measured Drawings</u>	Field verifying critical dimensions of existing buildings or site.	Not provided as all buildings are existing and no site improvements or changes are included in this project.	Not Provided	Incorporated in Schematic Plans. If additional field measurements or site survey for concealed conditions is required this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.20	<u>Site Evaluation and Planning AIA Agreement B203-2017</u>	Analyzing and proposing alternative conceptual designs on alternate available building sites.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.21	<u>Building Information Modeling (BIM)</u>	Computerized identification and coordination of building systems in a graphic environment.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.22	<u>Selective Demolition</u>	Remove portions of the structure or designated materials to determine materials, elements, or structural integrity.	Not Provided unless specifically requested by State Historic Preservation Office (SHPO)	Not Provided	Not Provided. Contemporary materials will be used in accordance Secretary of the Interior Guidelines.

Section	Supplemental Service	Description of Service	Phase of Service Provided	Party Responsible for Providing Additional Service	Form in which the information or service is provided, scope of the service provided, modifications to the standard service shown in this agreement, or special conditions adopted for this project.
4.1.23	<u>Mortar Analysis</u>	Analyze existing materials to determine material, colors, or content. This analysis has been required for past projects by SHPO and it is anticipated it will be required on this project. Where mortar is removed for testing no replacement mortar will be installed pending building tuck pointing. If masonry work is not included in the final project scope the Building Owner will be responsible for repair of the existing building materials. This testing allows proper removal or mitigation of materials affected by construction that might endanger construction workers or building occupants.	Construction Document Phase	Mason to obtain mortar samples and Certified Lab to provide testing of samples.	The Architect will assist the City in obtaining proposals for these services.
4.1.24	<u>Hazardous Material Identification and Assessment</u>	Identify mold, asbestos, lead, or other hazardous materials in the existing building materials. This testing allows proper removal or mitigation of materials affected by construction that might endanger construction workers or building occupants.	Schematic Design/Construction Documents	Owner	The Architect will assist the City in obtaining proposals for these services. Asbestos testing proposals will be obtained automatically. Mold testing proposals will be obtained only if building surveys reveal questionable materials or if requested by the City. It will be assumed that all paint on the project contains lead and the Contractors will be required to use workers certified in working with lead for the project. Further testing proposals for lead will be obtained only if requested
4.1.25	<u>Building Colors</u>	Selection of interior and exterior colors related to the scope of the project.	Schematic Design/Construction Documents	Architect	Where Main Street design drawings shown building colors, the Architect will review such colors with the Building Owner for acceptance. The Architect may recommend changes in these colors to the Building Owner. Where no Main Street drawings exist, the Architect will prepare show color recommendations on the presentation drawings. The Owner may request one change in the colors of the Architect at no additional cost. Refer to article 4.1.18 for compensation of additional color schemes. Colors for the project are to be based upon historic photographs or colors compatible and appropriate with the existing brick color of the building, the adjacent buildings, and with colors considered historically
4.1.26	<u>Awnings</u>	Design of the shape and materials.	Construction Documents	Architect	The Architect will propose and review awning fabric designs and samples with the building owner.
4.1.27	<u>Accessibility Evaluation and Design</u>	Survey of the storefront entrances to establish the degree of handicapped accessibility and redesign of entrances for accessibility. The scope of these services for this project is only for the design of new stairways shown in the Main Street concept design drawings and included in the CDBG application.	Schematic Design/Construction Documents	Architect with limitations	Accessibility design is limited to design of new stairways that have been included in the scope of the CDBG grant applications. New stairways will have risers and treads, handrails, and guardrails, designed in accordance with current ADA guidelines as reviewed by the City of Anamosa.
4.1.28	<u>Civil Engineering</u>	Design of the site for the proposed building.	Not Provided	Civil Engineer	Construction Documents.
4.1.29	<u>Landscape Design</u>	Selection of decorative and sustainable plantings to surround the building and site.	Not Provided	Architect and/or Landscape Architect and/or Civil Engineer	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.30	<u>Architectural Interior Design</u>	Selection of wall, floor, ceiling, wood trim, doors, door frame, and other miscellaneous building construction related finishes and colors.	Not Provided	Owner, if desired	Interior work on this project is limited to interior areas directly affected by the exterior storefront work. Contractor's will be directed to match paint colors, but due to age and color variances in the existing matches may not be possible. Flooring, wallpaper, and other materials that must be touched by construction will not match existing materials exactly. Interior wood trim will be painted. Staining and varnishing of interior surfaces will only be provided as an additional service.
4.1.31	<u>Value Analysis AIA Document B204-2007</u>	Detailed comparative analysis of cost comparisons.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.32	<u>Detailed Cost Estimating</u>	Provide construction costs in detailed format similar to the detail assembled by Contractors in preparing bids for the project.	Not Provided	Owner/General Contractor	The Architect provides opinions of construction cost as a part of basic services. These opinions provide some breakdown of costs. Detailed breakdown of costs can be obtained from specialized project estimating services that can be retained as an Additional Service.
4.1.33	<u>Bid Alternates</u>	A bid alternate is a defined portion of the Project that is priced separately and thus provides an option for the Owner in determining the final scope of the Project during bidding and is reflected in the Construction Documents. Alternates provide the Owner with a choice between different products or can define the addition or deletion of a portion of the Project.	Not Provided	Architect	Construction Documents and Bidding.
4.1.34	<u>Multiple Bid Packages</u>	Bidding the project in multiple bid packages rather than one lump sum bid amount.	Not Provided	Architect	Construction Documents and Bidding. If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.35	<u>Re-Bidding</u>	Rejection of the Project bids at the Owner's discretion and modifications of the Project scope for re-bidding purposes as reflected in revised Construction Documents for bidding.	Not Provided	Architect	Construction Documents and Bidding. If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.36	<u>Value Engineering</u>	Changes to the Documents after bids have been received in order to reduce the Project cost and/or scope.	Not Provided	Architect/Contractor	Design Development, Construction Documents, Bidding. If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.

Section	Supplemental Service	Description of Service	Phase of Service Provided	Party Responsible for Providing Additional Service	Form in which the information or service is provided, scope of the service provided, modifications to the standard service shown in this agreement, or special conditions adopted for this project.
4.1.37	<u>Extended On Site Project Representation</u>	Representation on the site by members of the Architectural team on a daily or extended basis. Basic services are outlined in Section 3.6.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.38	<u>Confirmed Construction Documents</u>	A separate set of drawings prepared after bidding has completed to document any changes made during the bidding process. Normally not provided at this scale of project.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.39	<u>As-Designed Record Drawings</u>	These are drawings which represent every design change in the project. These and As-Built Record Drawings are combined on this scale of project.	Provided as part of 4.1.20	Architect	If the Owner requests separate As-Designed Record Drawings, this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.40	<u>As-Constructed Record Drawings</u>	Drawings prepared at the end of the Construction Phase which reflect changes made in the project during construction. These drawings are prepared as the project progresses during construction. Each construction trade records their changes. The final record is submitted to the Architect for review prior to transmittal to the	Construction Phase	General Contractor (Included in services covered by the Construction Contract.)	As-Built Drawings: Architect's review of the as-built drawings prepared by the Contractors is included in the services covered by this agreement. If the Owner is requesting separate As-Built Record Drawings to be provided by the Architect, this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.41	<u>Post Occupancy Evaluation</u>	A formal review process hosted by the Architect for building users.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.42	<u>Facility Support Services AIA Document B210-2017</u>	Documentation and surveys that support the operation of the facility.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.43	<u>Tenant Related Services</u>	For use in buildings with rentable area.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.44	<u>Architect Coordination of Owner's Consultants</u>	Answer questions, finalize pricing, and coordinate installation of equipment and systems provided by parties contracted for by the Owner directly and separate from the building design team.	As needed by the Owner	Architect	Possible separate consultants hired by the Owner include but are not limited to telephone equipment, data, security, and furniture.
4.1.45	<u>Telecommunications/Data Design</u>	Additional telephone and data equipment to supplement or replace the current equipment in the existing building.	Not Provided	Owner, if desired	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.46	<u>Security Evaluation and Planning AIA Document B206-2007</u>	Study of security needed for high level threats to building occupants. The AIA Contract Document B206-2007 includes extensive site and building design for security planning that go far beyond the budget of this project.	Not Provided	Owner/Architect	The Architect will provide as a part of this agreement for services, information about door security and other electronic systems. Floor plan design will consider visual security of the project. No dedicated studies or use of security consultants is included in the Project.
4.1.47	<u>Commissioning AIA Document B211-2007</u>	Commissioning is a process required as a part of the start up of LEED projects and certain Grant Programs.	Not Applicable	Architect and Commissioning Agent	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.48	<u>Sustainable Project Services pursuant to Section 4.1.3 AIA Document E204-2017</u>	Sustainability services as required in AIA Document E204-2017, Sustainable Projects Exhibit.	Not Provided	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.49	<u>Extensive Environmentally Responsible Design</u>	Analysis of the entire universe of environmental responses to the building design and process. This has not been defined as a goal of the Owner for this Project.	Not Applicable	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.50	<u>LEED Certification AIA Document B214-2007</u>	LEED Certification has not been identified as a goal of the Owner for this Project.	Not Applicable	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.51	<u>Fast-Track Design Services</u>	This is a method of building design where a building starts construction before Construction Documents are completed. This has not been identified as a goal of the Owner for this Project.	Not Applicable	Architect	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at a fee agreed upon in advance.
4.1.52	<u>Historic Preservation AIA Document B205-2001</u>	For use in historically significant or designated structures. The extent of this service is limited to the scope of the CDBG grant.	Not Applicable	Owner	Not Provided in accordance with this document.
4.1.53	<u>Furniture, Furnishings, and Equipment Design AIA Document B253-2007</u>	Selection, specification, and pricing of furniture, furnishings, and equipment for the Project.	Not Applicable	Architect and/or Interior Designer	If requested this would be provided as an Additional Service at the hourly rates as shown in Article 11.7, or at an agreed upon fee in advance.

## ANAMOSA FAÇADE IMPROVEMENTS

Exhibit C

Date: 9/22/2022

## Preliminary Opinion of Costs

## Phase 2 - Summary of Construction Costs

Building		Total Individual Building Construction Costs
1	<a href="#">113 N FORD - ANAMOSA BOWLING CENTER</a>	\$159,817
2	<a href="#">115 N FORD - ANAMOSA BOWLING CENTER</a>	\$62,118
3	<a href="#">117 N FORD - ANAMOSA BOWLING CENTER</a>	\$185,675
4	<a href="#">208 W MAIN - VINTAGE TWIST</a>	\$38,508
5	<a href="#">206 W MAIN - GRANT WOOD AREA ABSTRACT</a>	\$122,920
6	<a href="#">100 E MAIN - ASPIRE THERAPY</a>	\$102,918
7	<a href="#">102 E MAIN - MULFORD FINANCIAL</a>	\$35,614
8	<a href="#">104 E MAIN - ANAMOSA FLORAL</a>	\$32,716
9	<a href="#">106 E MAIN - THOU ART GALLERY</a>	\$65,046
10	<a href="#">112 E MAIN - GROUNDS &amp; GOODIES</a>	\$49,958
11	<a href="#">116 E MAIN - SPARK BOUTIQUE</a>	\$64,394
<b>Column Totals</b>		<b>919,683</b>
<b>Total Project Fees (Calculated on Separate Worksheet)</b>		<b>164,605</b>
<b>TOTAL PROJECT COST</b>		<b>1,084,288</b>

Statements of probable construction cost prepared by Martin Gardner Architecture represents our best judgments as design professionals familiar with the construction industry. However, neither Martin Gardner Architecture nor the Owner has control over the cost of labor, materials or equipment, over the contractor's method of determining bid prices, or over competitive bidding, market or negotiating conditions. Accordingly, Martin Gardner Architecture. cannot and does not warrant or represent that bids or negotiated prices will not vary from the project budget proposed, established or approved by the owner, if any, or from any statement of probable construction cost prepared by Martin Gardner Architecture.

Martin Gardner Architecture

700 11th Street  
Marion, IA 52302

**RESOLUTION 2022-86**

**APPROVING AGREEMENT WITH MARTIN-GARDNER FOR PHASE 2 OF THE CDBG PROJECT FOR DOWNTOWN FAÇADE REVITALIZATION**

BE IT RESOLVED by the Council of the City of Anamosa, Iowa:

WHEREAS, the City has the professional services agreement from Martin-Gardiner for the Phase 2 of the CDBG Project for the Downtown Façade Revitalization; and

WHEREAS, the IEDA should be awarding this contract and the approval is contingent on receiving this award; and

WHEREAS, The contract pricing total is for eleven (11) building storefronts with a total cost of \$1,084,288 with funding sources from a \$650,000 CDBG award, \$250,000 from the City of Anamosa and the remaining funds contributed by the building owners per the agreement;

THEREFORE, be it resolved that a the City is authorizing the Mayor and City Administrator to execute said documentation for Phase 2 of this program.

Councilmember \_\_\_\_\_ introduced **Resolution 2022-86** and moved for its adoption. Councilmember \_\_\_\_\_ seconded the motion to adopt. The roll was called and the following indicates the result of the vote.

COUNCILMEMBER		AYES	NAYS	ABSENT
CRUMP				
SMITH				
GOMBERT				
STOUT				
ZUMBACH				
TUETKEN				

**PASSED AND APPROVED** this 27<sup>th</sup> day of December 2022.

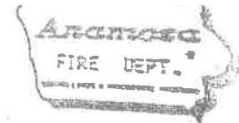
ATTEST:

\_\_\_\_\_  
Michon Jackson, City Administrator/Clerk

\_\_\_\_\_  
Rod Smith, Mayor

# Anamosa Fire Department

## Application for Membership



(PLEASE PRINT)

Date of Application 11/4/2022

Position(s) Applied For Firefighter

Referral Source: ☐ Advertisement ☒ Friend ☐ Relative ☐ Other

Name Poirier Daniel Sean  
Last First Middle

Address 23357 Fairview Rd Anamosa IA 52205  
Number Street City State Zip Code

## Boards / Commissions / Committees

### Planning & Zoning Commission

City Code Ch. 23

Duties: All powers and duties in establishing the City zoning regulations and other related matters and review and comment on plats.

Meeting Date(s): Wednesdays (As Needed)

Time: TBA

Location of Meeting: Anamosa City Hall

Appointment Process: Appointed by City Council

Term: Five year terms staggered

### Current Members - Date Appointed/Expiration Date

Jeff Wilken

July 2021/Aug 2023

### Date Appointed/Expiration Date

Tim Hollet (Vice Chair) 2006 / Aug 2022

302 S Garnavillo Street

462-2859 (Hm)

*Re-appoint*

Kari Dearborn

Aug 2021 / Aug 2026

405 N Division

462-4563

462-2061 (wk)

~~Dave Phelps~~

/ Aug 2022

208 S Cleveland

480-4236 (Hm)

*VACANT*

Doug Edel (Chairperson) Aug 2003 / Aug 2023

204 E Walnut

462-4593 (Hm)

462-6031 (Wk)

Mike Shaffer

803 N Division Ct

480-4616

Nov 2017 / Aug 2022

*Re-appoint*

Vacant

Sept 2011 / Aug 2021



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## MEMORANDUM

DATE: November 23, 2022  
TO: Michon Jackson, City of Anamosa  
FROM: Mark Culver, Housing Specialist  
RE: Contractor Partial Payment Request

---

Enclosed please find the required paperwork to authorize contractor payment for the house at:

102 S Sales St (Fowler)

I approve the payment request in the amount of **\$10,926.90**

Please cut a check in the amount of \$10,926.90 and send to the contractor.

AEC Contracting  
1401 Mt Vernon Road SE Suite A  
Cedar Rapids, IA 52403

**\*The enclosed "Partial Payment Request" document requires a signature and is marked with a "sign here" tab. After you have signed the documents please make a copy for your records and then return the originals to me with a copy of the check to the contractor.**

Thank you,



Mark Culver  
East Central Iowa Council of Governments

City of Anamosa  
HOUSING REHABILITATION PROGRAM  
102 S Sales St  
Anamosa, IA 52205

**Contractor Name:** AEC Contracting  
**Contractor Address:** 1401 Mount Vernon Road Se Suite A  
Cedar Rapids, IA 52403  
**Contractor Phone Number:** 319-373-6812

## PARTIAL PAYMENT REQUEST

Rehab Items Completed to Date:	\$6,141.00
Lead Items Completed to Date:	\$6,000.00
Total Items Completed to Date:	\$12,141.00
10% Retained:	\$1,214.10
Earned Less Retainage:	\$10,926.90
<b>Current Payment Due:</b>	<b>\$10,926.90</b>

The undersigned contractor certifies that all work is completed in regards to this request for payment in accordance with the contract documents and that all work to date was inspected.

**General Contractor:** Eric Andersen

**Date:** 11/23/2022

A Property inspection has been made and the work completed to date meets my satisfaction in accordance with the construction contract. I authorize the release of payment.

**Property Owner:** [Signature]

**Date:** 11-23-22

Approved by the  
**Housing Inspector:** [Signature]

**Date:** 11-23-22

**Grantee Representative:** [Signature]

**Date:** 11-20-22

**Project Administrator:** [Signature]

**Date:** 11-23-22

**CITY OF ANAMOSA**  
**APPROVAL FORM FOR LIQUOR AND BEER LICENSE APPLICATIONS**

Class C Beer/Liquor  
Sunday: Yes X No     
New/Renewal/Amended  
Circle Appropriate Info.

NAME OF APPLICANT: Axe-cade LLC  
TRADE NAME (DBA): Axe-cade on Main  
STREET ADDRESS: 136 E Main St.  
PHONE (BUSINESS): 319-462-9002 HOME (OR CELL): 319-551-6927

*The undersigned have by the signatures of the officials noted below, certify that the above mentioned structure conforms to all laws within the jurisdictional limits of enforcement of said officials and may receive approval of this application.*

**ANAMOSA POLICE DEPARTMENT**

The above named applicant(s) is approved by this department to have a beer and/or liquor license at the above location.

[Signature]  
Police Chief

11/28/22  
Date

Leave form at City Hall after Fire and Health signatures are complete

**ANAMOSA FIRE DEPARTMENT:** Fire Inspection Fee -- \$35.00, Includes two inspections. Each inspection after that will be \$25 each. (Make check out to: City of Anamosa)

[Signature]  
Fire Chief (or designee)

11/28/22  
Date

Phone: 319-462-4434 for appointment

**JONES COUNTY ENVIRONMENTAL HEALTH DEPARTMENT: (If applicable)**

The above mentioned structure and business is in compliance with the Jones County Board of Health Regulations.

[Signature]  
Jones County Environmental Health Official

12-6-22  
Date

Phone: 319-462-4715 for appointment

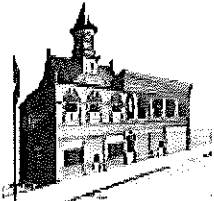
**PLEASE RETURN FORM TO REENIE AT CITY HALL WHEN COMPLETED**

Received at City Hall 11-30 for the 12/12/22 Council Meeting

# BUDGET TIMELINE

## FY24

December 2022	meet with Dept heads for budgets
January 9, 2023	REGULAR MEETING: Review Budgets: Police, Mayor/Council, Administration and Library
January 16, 2023	SPECIAL MEETING: Review Budgets: Wastewater, Water, Streets & Parks & Rec and Levy
January 23, 2023	Set public Hearing for max levy
February 13, 2023	Public hearing #1 & Resolution to approve maximum dollars
February 27, 2023	Set public Hearing for Budget
March 13, 2023	Public Hearing #2 & Resolution to approve budget



City of Anamosa, IA

# Expense Approval Report

## By Vendor Name

Payment Dates 12/16/2022 - 12/27/2022

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 004233 - 941 TAX EFT PAYMENT</b>					
941 TAX EFT PAYMENT	INV0000774	12/20/2022	MEDICARE TAX	001-000-2206	0.06
941 TAX EFT PAYMENT	INV0000775	12/20/2022	SOCIAL SECURITY TAX	001-000-2202	0.24
941 TAX EFT PAYMENT	INV0000776	12/20/2022	FEDERAL TAX	001-000-2200	0.24
941 TAX EFT PAYMENT	INV0000783	12/23/2022	MEDICARE TAX	001-000-2206	2,016.20
941 TAX EFT PAYMENT	INV0000784	12/23/2022	SOCIAL SECURITY TAX	001-000-2202	8,620.88
941 TAX EFT PAYMENT	INV0000785	12/23/2022	FEDERAL TAX	001-000-2200	5,513.07
Vendor 004233 - 941 TAX EFT PAYMENT Total:					16,150.69
<b>Vendor: 005722 - AEROMOD</b>					
AEROMOD	5043011-1	12/27/2022	PARTS	610-815-6783	136.53
Vendor 005722 - AEROMOD Total:					136.53
<b>Vendor: 000277 - ALLIANT ENERGY</b>					
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	001-110-6371	232.53
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	001-111-6371	43.79
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	001-650-6371	-102.68
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	015-150-6371	245.34
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	041-410-6371	1,294.95
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	043-430-6371	457.76
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	044-440-6371	26.98
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	046-460-6371	1,264.82
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	110-211-6371	255.11
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	122-210-6372	6,819.87
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	600-810-6371	8,823.84
ALLIANT ENERGY	12222	12/27/2022	ELECTRIC POWER	610-815-6371	9,720.54
ALLIANT ENERGY	120522W6	12/27/2022	ELECTRIC	600-810-6371	419.01
Vendor 000277 - ALLIANT ENERGY Total:					29,501.86
<b>Vendor: 006141 - AMAZON CAPITAL SERVICES</b>					
AMAZON CAPITAL SERVICES	1DYW-7P77-9C4L	12/27/2022	SUPPLIES	001-622-6535	63.80
Vendor 006141 - AMAZON CAPITAL SERVICES Total:					63.80
<b>Vendor: 005971 - ANIMAL WELFARE FRIENDS</b>					
ANIMAL WELFARE FRIENDS	6177	12/27/2022	STRAY FEE	001-190-6460	210.00
Vendor 005971 - ANIMAL WELFARE FRIENDS Total:					210.00
<b>Vendor: 000191 - BARRON MOTOR SUPPLY</b>					
BARRON MOTOR SUPPLY	282993	12/27/2022	PARTS	110-211-6530	6.55
BARRON MOTOR SUPPLY	283105	12/27/2022	PARTS	110-211-6474	57.90
BARRON MOTOR SUPPLY	283136	12/27/2022	PARTS	110-211-6474	138.06
BARRON MOTOR SUPPLY	283137	12/27/2022	PARTS	110-211-6474	14.92
BARRON MOTOR SUPPLY	283069	12/27/2022	PARTS	110-211-6474	191.20
BARRON MOTOR SUPPLY	283092	12/27/2022	PARTS	110-211-6474	21.01
BARRON MOTOR SUPPLY	283182	12/27/2022	paRTS	110-211-6470	346.22
BARRON MOTOR SUPPLY	283204	12/27/2022	parts	110-211-6470	32.58
BARRON MOTOR SUPPLY	CM0000083	12/27/2022	PARTS	110-211-6470	-10.44
Vendor 000191 - BARRON MOTOR SUPPLY Total:					798.00
<b>Vendor: 004421 - BROWN SUPPLY CO., INC.</b>					
BROWN SUPPLY CO., INC.	123586	12/27/2022	SUPPLIES	122-210-6757	545.00
BROWN SUPPLY CO., INC.	123587	12/27/2022	SUPPLIES	610-815-6783	598.00
Vendor 004421 - BROWN SUPPLY CO., INC. Total:					1,143.00
<b>Vendor: 003283 - CENTRAL IOWA DISTRIBUTING</b>					
CENTRAL IOWA DISTRIBUTIN	233635	12/27/2022	SUPPLIES	110-211-6530	96.00
Vendor 003283 - CENTRAL IOWA DISTRIBUTING Total:					96.00

## Expense Approval Report

Payment Dates: 12/16/2022 - 12/27/2022

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 000395 - CENTURYLINK</b>					
CENTURYLINK	121022	12/27/2022	INTERNET	110-211-6373	66.04
Vendor 000395 - CENTURYLINK Total:					66.04
<b>Vendor: 000808 - CHEMSEARCH</b>					
CHEMSEARCH	8031912	12/27/2022	ECOSTORM PROGRAM	610-815-6501	172.00
Vendor 000808 - CHEMSEARCH Total:					172.00
<b>Vendor: 000008 - CITY OF ANAMOSA</b>					
CITY OF ANAMOSA	INV0000780	12/23/2022	FLEX - MEDICAL	001-000-2204	80.38
Vendor 000008 - CITY OF ANAMOSA Total:					80.38
<b>Vendor: 003441 - COLLECTION SERVICES CENTER</b>					
COLLECTION SERVICES CENTE	INV0000779	12/23/2022	COLLECTION SERVICES	001-000-2204	257.55
Vendor 003441 - COLLECTION SERVICES CENTER Total:					257.55
<b>Vendor: 003117 - CUSTOM HOSE &amp; SUPPLIES</b>					
CUSTOM HOSE & SUPPLIES	00027990	12/27/2022	PARTS	110-211-6470	55.40
CUSTOM HOSE & SUPPLIES	00028093	12/27/2022	PARTS	110-211-6474	138.12
Vendor 003117 - CUSTOM HOSE & SUPPLIES Total:					193.52
<b>Vendor: 005985 - DRJ GROUP LLC</b>					
DRJ GROUP LLC	22430	12/27/2022	SUPPLIES	015-150-6722	218.00
Vendor 005985 - DRJ GROUP LLC Total:					218.00
<b>Vendor: 003826 - ECICOG</b>					
ECICOG	9914	12/27/2022	CDBG ADMIN	001-599-6499	3,750.00
Vendor 003826 - ECICOG Total:					3,750.00
<b>Vendor: 006279 - EMPLOYEE GROUP SERVICES LTD</b>					
EMPLOYEE GROUP SERVICES L	120122	12/27/2022	AUXIANT	001-110-6155	218.64
EMPLOYEE GROUP SERVICES L	120122	12/27/2022	AUXIANT	001-210-6155	475.82
Vendor 006279 - EMPLOYEE GROUP SERVICES LTD Total:					694.46
<b>Vendor: 004334 - FAREWAY STORES, INC.</b>					
FAREWAY STORES, INC.	00156840	12/27/2022	SUPPLIES	110-211-6530	14.82
FAREWAY STORES, INC.	33787	12/27/2022	SUPPLIES	600-810-6530	11.77
Vendor 004334 - FAREWAY STORES, INC. Total:					26.59
<b>Vendor: 004989 - HENDERSON PRODUCTS</b>					
HENDERSON PRODUCTS	364787	12/27/2022	PARTS	110-211-6474	72.47
HENDERSON PRODUCTS	365418	12/27/2022	PARTS	110-211-6474	387.86
Vendor 004989 - HENDERSON PRODUCTS Total:					460.33
<b>Vendor: 005184 - INFRASTRUCTURE TECHNOLOGY SOLU</b>					
INFRASTRUCTURE TECHNOLO	29321	12/27/2022	TECH SERVICE	001-110-6490	180.50
Vendor 005184 - INFRASTRUCTURE TECHNOLOGY SOLU Total:					180.50
<b>Vendor: 000281 - IPERS COLLECTIONS</b>					
IPERS COLLECTIONS	INV0000781	12/23/2022	IPERS	001-000-2203	7,850.60
IPERS COLLECTIONS	INV0000782	12/23/2022	IPERS	001-000-2203	2,940.20
Vendor 000281 - IPERS COLLECTIONS Total:					10,790.80
<b>Vendor: 006463 - JACKSON/MICHON</b>					
JACKSON/MICHON	121522	12/27/2022	MILEAGE	001-612-6446	273.32
Vendor 006463 - JACKSON/MICHON Total:					273.32
<b>Vendor: 000098 - JC CROSS CO.</b>					
JC CROSS CO.	67657	12/27/2022	SUPPLIES	610-815-6559	646.32
Vendor 000098 - JC CROSS CO. Total:					646.32
<b>Vendor: 005970 - JJ MERRILL CUSTOM FABRICATION</b>					
JJ MERRILL CUSTOM FABRICA	450	12/27/2022	FABRICATING	110-211-6544	1,380.00
Vendor 005970 - JJ MERRILL CUSTOM FABRICATION Total:					1,380.00
<b>Vendor: 000387 - JOHN DEERE FINANCIAL</b>					
JOHN DEERE FINANCIAL	3303654	12/27/2022	SUPPLIES	600-810-6554	33.24
JOHN DEERE FINANCIAL	4202471	12/27/2022	SUPPLIES	110-211-6530	37.98
JOHN DEERE FINANCIAL	4202754	12/27/2022	SUPPLIES	001-450-6530	24.00
JOHN DEERE FINANCIAL	4202921	12/27/2022	SUPPLIES	110-211-6530	16.78

## Expense Approval Report

Payment Dates: 12/16/2022 - 12/27/2022

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
JOHN DEERE FINANCIAL	4203202	12/27/2022	SUPPLIES	001-622-6542	12.99
JOHN DEERE FINANCIAL	4203924	12/27/2022	SUPPLIES	110-211-6530	23.96
JOHN DEERE FINANCIAL	4204028	12/27/2022	SUPPLIES	610-815-6530	50.36
JOHN DEERE FINANCIAL	4205157	12/27/2022	SUPPLIES	046-460-6475	75.96
JOHN DEERE FINANCIAL	4205197	12/27/2022	SUPPLIES	046-460-6540	113.64
JOHN DEERE FINANCIAL	4205640	12/27/2022	SUPPLIES	610-815-6470	9.99
JOHN DEERE FINANCIAL	42058453	12/27/2022	SUPPLIES	110-211-6530	8.49
JOHN DEERE FINANCIAL	4205854	12/27/2022	SUPPLIES	600-810-6554	393.30
JOHN DEERE FINANCIAL	4205902	12/27/2022	SUPPLIES	600-810-6554	45.12
JOHN DEERE FINANCIAL	4206070	12/27/2022	SUPPLIES	110-211-6530	12.99
JOHN DEERE FINANCIAL	4208527	12/27/2022	SUPPLIES	110-211-6470	1.77
JOHN DEERE FINANCIAL	4208697	12/27/2022	SUPPLIES	110-211-6530	20.99
JOHN DEERE FINANCIAL	4208738	12/27/2022	SUPPLIES	110-211-6530	29.99
JOHN DEERE FINANCIAL	4210783	12/27/2022	SUPPLIES	610-815-6554	19.77
JOHN DEERE FINANCIAL	4210845	12/27/2022	SUPPLIES	110-211-6530	10.99
JOHN DEERE FINANCIAL	4211149	12/27/2022	SUPPLIES	110-211-6530	5.96
JOHN DEERE FINANCIAL	4211165	12/27/2022	SUPPLIES	610-815-6554	6.98
JOHN DEERE FINANCIAL	4211171	12/27/2022	SUPPLIES	600-810-6530	11.58
JOHN DEERE FINANCIAL	4211447	12/27/2022	SUPPLIES	001-622-6542	37.98
JOHN DEERE FINANCIAL	4212181	12/27/2022	SUPPLIES	110-211-6530	192.50
JOHN DEERE FINANCIAL	P44396	12/27/2022	PARTS	110-211-6470	4.67
JOHN DEERE FINANCIAL	4212265	12/27/2022	SUPPLIES	043-430-6490	72.94
JOHN DEERE FINANCIAL	4212307	12/27/2022	SUPPLIES	043-430-6490	51.95
Vendor 000387 - JOHN DEERE FINANCIAL Total:					1,326.87
Vendor: 000245 - JONES COUNTY ENGINEER					
JONES COUNTY ENGINEER	9622	12/27/2022	fuel	001-110-6551	1,581.12
JONES COUNTY ENGINEER	9622	12/27/2022	fuel	015-150-6551	253.89
JONES COUNTY ENGINEER	9622	12/27/2022	fuel	110-211-6551	1,085.50
JONES COUNTY ENGINEER	9622	12/27/2022	fuel	600-810-6551	225.46
JONES COUNTY ENGINEER	9622	12/27/2022	fuel	610-815-6551	563.21
Vendor 000245 - JONES COUNTY ENGINEER Total:					3,709.18
Vendor: 000299 - KIECK'S					
KIECK'S	22-12-0055	12/27/2022	UNIFORMS	610-815-6181	41.95
KIECK'S	22-12-0059	12/27/2022	uniforms	001-110-6553	110.00
Vendor 000299 - KIECK'S Total:					151.95
Vendor: 004422 - LODE/PENNY					
LODE/PENNY	07395D	12/27/2022	SUPPLIES	001-622-6542	18.08
Vendor 004422 - LODE/PENNY Total:					18.08
Vendor: 006159 - MACQUEEN EQUIPMENT					
MACQUEEN EQUIPMENT	W03721	12/27/2022	REPAIRS	610-815-6470	7,332.30
Vendor 006159 - MACQUEEN EQUIPMENT Total:					7,332.30
Vendor: 005346 - MAQUOKETA VALLEY ELECTRIC COOP					
MAQUOKETA VALLEY ELECTRI	107227-1227	12/27/2022	INTERNET	001-110-6480	104.95
MAQUOKETA VALLEY ELECTRI	CM0000081	12/27/2022	INTERNET	046-460-6373	-282.74
MAQUOKETA VALLEY ELECTRI	010523WP	12/27/2022	INTERNET	600-810-6535	139.85
MAQUOKETA VALLEY ELECTRI	107014CH	12/27/2022	INTERNET	001-622-6454	99.95
MAQUOKETA VALLEY ELECTRI	120822SL	12/27/2022	STREET LIGHTS	122-210-6372	51.62
Vendor 005346 - MAQUOKETA VALLEY ELECTRIC COOP Total:					113.63
Vendor: 004769 - MEDIACOM					
MEDIACOM	120422	12/27/2022	INTERNET	043-430-6373	66.99
MEDIACOM	120722	12/27/2022	INTERNET	015-150-6373	103.46
Vendor 004769 - MEDIACOM Total:					170.45
Vendor: 000647 - MIDWEST WHEEL COMPANY					
MIDWEST WHEEL COMPANY	3045141-00	12/27/2022	PARTS	110-211-6530	53.96
MIDWEST WHEEL COMPANY	3049904-00	12/27/2022	PARTS	110-211-6474	74.10
MIDWEST WHEEL COMPANY	3050397-00	12/27/2022	PARTS	110-211-6474	348.12
Vendor 000647 - MIDWEST WHEEL COMPANY Total:					476.18

## Expense Approval Report

Payment Dates: 12/16/2022 - 12/27/2022

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 005835 - QC ANALYTICAL SERVICES LLC</b>					
QC ANALYTICAL SERVICES LLC	2212168	12/27/2022	TESTS	600-810-6470	50.00
<b>Vendor 005835 - QC ANALYTICAL SERVICES LLC Total:</b>					<b>50.00</b>
<b>Vendor: 000364 - REDS TOWING/PETRO STOP, INC</b>					
REDS TOWING/PETRO STOP, I	51409	12/27/2022	REPAIRS	001-110-6474	40.95
<b>Vendor 000364 - REDS TOWING/PETRO STOP, INC Total:</b>					<b>40.95</b>
<b>Vendor: 004796 - REXCO EQUIPMENT</b>					
REXCO EQUIPMENT	CM0000071	11/14/2022	PARTS CREDIT	110-211-6470	-46.56
REXCO EQUIPMENT	P56709	12/27/2022	PARTS	600-810-6556	120.86
<b>Vendor 004796 - REXCO EQUIPMENT Total:</b>					<b>74.30</b>
<b>Vendor: 006173 - SCHMITZ JANITORIAL SUPPLY</b>					
SCHMITZ JANITORIAL SUPPLY	10945	12/27/2022	SUPPLIES	110-211-6530	82.00
<b>Vendor 006173 - SCHMITZ JANITORIAL SUPPLY Total:</b>					<b>82.00</b>
<b>Vendor: 005143 - SHERWIN WILLIAMS CO/THE</b>					
SHERWIN WILLIAMS CO/THE	8657-5	12/27/2022	PAINT GUN	110-211-6710	5,699.00
<b>Vendor 005143 - SHERWIN WILLIAMS CO/THE Total:</b>					<b>5,699.00</b>
<b>Vendor: 005071 - STREICHER'S</b>					
STREICHER'S	11603652	12/27/2022	EQUIPMENT	001-110-6537	153.00
<b>Vendor 005071 - STREICHER'S Total:</b>					<b>153.00</b>
<b>Vendor: 005700 - THOMPSON TRUCK &amp; TRAILER INC</b>					
THOMPSON TRUCK & TRAILER	1101120889	12/27/2022	PARTS	610-815-6474	143.88
THOMPSON TRUCK & TRAILER	101120385	12/27/2022	PARTS	610-815-6785	16,994.45
THOMPSON TRUCK & TRAILER	101120580	12/27/2022	PARTS	610-815-6559	292.87
THOMPSON TRUCK & TRAILER	101120820	12/27/2022	PARTS	610-815-6559	41.33
<b>Vendor 005700 - THOMPSON TRUCK &amp; TRAILER INC Total:</b>					<b>17,472.53</b>
<b>Vendor: 004654 - TRANSWORLD NETWORK, CORP</b>					
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	001-110-6373	18.77
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	001-622-6373	40.99
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	015-150-6373	1.23
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	043-430-6373	8.06
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	044-440-6373	1.23
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	110-211-6373	2.46
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	600-810-6373	2.46
TRANSWORLD NETWORK, CO	15444176-8647	12/27/2022	PHONE	610-815-6373	1.23
<b>Vendor 004654 - TRANSWORLD NETWORK, CORP Total:</b>					<b>76.43</b>
<b>Vendor: 000393 - TREASURER STATE OF IOWA</b>					
TREASURER STATE OF IOWA	INV0000777	12/20/2022	STATE TAX	001-000-2201	0.10
TREASURER STATE OF IOWA	INV0000786	12/23/2022	STATE TAX	001-000-2201	2,760.56
<b>Vendor 000393 - TREASURER STATE OF IOWA Total:</b>					<b>2,760.66</b>
<b>Vendor: 004430 - TRUCK COUNTRY</b>					
TRUCK COUNTRY	CM0000068	10/10/2022	CORRECTION FOR PAYING TW	015-150-6474	-442.01
TRUCK COUNTRY	CM0000073	11/14/2022	WARRANTY PARTS	110-211-6470	-476.27
TRUCK COUNTRY	CM0000078	11/14/2022	WARRANTY	110-211-6474	-21.82
<b>Vendor 004430 - TRUCK COUNTRY Total:</b>					<b>-940.10</b>
<b>Vendor: 006195 - TYLER TECHNOLOGIES, INC</b>					
TYLER TECHNOLOGIES, INC	025-404729	12/27/2022	TRAINING	001-622-6447	150.00
TYLER TECHNOLOGIES, INC	76457	12/27/2022	BPC2 UTILITY BILL FORMAT	600-810-6531	740.45
TYLER TECHNOLOGIES, INC	76457	12/27/2022	BPC2 UTILITY BILL FORMAT	610-815-6531	740.45
<b>Vendor 006195 - TYLER TECHNOLOGIES, INC Total:</b>					<b>1,630.90</b>
<b>Vendor: 004002 - U.S. CELLULAR</b>					
U.S. CELLULAR	0549520742	12/27/2022	PHONE	110-211-6490	82.70
U.S. CELLULAR	0549520742	12/27/2022	PHONE	600-810-6373	179.01
U.S. CELLULAR	0549520742	12/27/2022	PHONE	610-815-6373	128.75
<b>Vendor 004002 - U.S. CELLULAR Total:</b>					<b>390.46</b>



## Expense Approval Report

Payment Dates: 12/16/2022 - 12/27/2022

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
<b>Vendor: 005066 - UNITED RENTALS</b>					
UNITED RENTALS	213366351	12/19/2022	DUMP TRUCK	610-815-6785	50,000.00
Vendor 005066 - UNITED RENTALS Total:					50,000.00
<b>Vendor: 006480 - UNTOUCHABLE PROPERTY &amp; DISPOSAL SERVICE</b>					
UNTOUCHABLE PROPERTY &	000011	12/27/2022	REPAIRS	610-815-6470	4,700.00
Vendor 006480 - UNTOUCHABLE PROPERTY & DISPOSAL SERVICE Total:					4,700.00
<b>Vendor: 004565 - USA BLUE BOOK</b>					
USA BLUE BOOK	190048	12/27/2022	PARTS	610-815-6501	265.82
USA BLUE BOOK	191631	12/27/2022	PARTS	610-815-6501	29.40
USA BLUE BOOK	CM0000082	12/27/2022	RETURN	610-815-6504	-109.50
Vendor 004565 - USA BLUE BOOK Total:					185.72
<b>Vendor: 000144 - WAYNE HALL CHRYSLER</b>					
WAYNE HALL CHRYSLER	111165	12/27/2022	REPAIRS	001-110-6474	594.66
WAYNE HALL CHRYSLER	111167	12/27/2022	REPAIRS	001-110-6474	633.95
Vendor 000144 - WAYNE HALL CHRYSLER Total:					1,228.61
<b>Vendor: 005476 - WELAND CLINICAL LABS</b>					
WELAND CLINICAL LABS	747909	12/27/2022	TESTS	001-110-6412	189.00
Vendor 005476 - WELAND CLINICAL LABS Total:					189.00
<b>Vendor: 000002 - WELTER STORAGE EQUIPMENT CO.</b>					
WELTER STORAGE EQUIPMEN	M701158	12/27/2022	OFFICE SUPPLIES	001-612-6542	1,132.00
Vendor 000002 - WELTER STORAGE EQUIPMENT CO. Total:					1,132.00
<b>Vendor: 006442 - WHKS</b>					
WHKS	47165	12/27/2022	WWTP DESIGN	610-815-6489	5,950.00
Vendor 006442 - WHKS Total:					5,950.00
Grand Total:					171,463.79

## Report Summary

## Fund Summary

Fund	Expense Amount	Payment Amount
001 - GENERAL FUND	40,328.19	30,040.08
015 - FIRE SERVICE	379.91	0.00
041 - LIBRARY FUND	1,294.95	0.00
043 - PARKS & RECREATION	657.70	0.00
044 - AQUA COURT	28.21	0.00
046 - LAWRENCE COMMUNITY CENTER FUND	1,171.68	0.00
110 - ROAD USE TAX	10,514.08	0.00
122 - LOCAL OPTION TAX 65%	7,416.49	0.00
600 - WATER FUND	11,195.95	0.00
610 - WASTEWATER FUND	98,476.63	50,000.00
<b>Grand Total:</b>	<b>171,463.79</b>	<b>80,040.08</b>

## Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
001-000-2200	FIT HOLDING	5,513.31	5,513.31
001-000-2201	SIT HOLDING	2,760.66	2,760.66
001-000-2202	FICA HOLDING	8,621.12	8,621.12
001-000-2203	IPERS HOLDING	10,790.80	10,790.80
001-000-2204	PEDC HOLDING	337.93	337.93
001-000-2206	MEDICARE HOLDING	2,016.26	2,016.26
001-110-6155	SELF FUNDED HEALTH IN	218.64	0.00
001-110-6371	UTILITIES, ELECTRIC	232.53	0.00
001-110-6373	UTILITIES, TELEPHONE	18.77	0.00
001-110-6412	PHYSICALS & MEDICAL E	189.00	0.00
001-110-6474	MAINTENANCE, VEHICLE	1,269.56	0.00
001-110-6480	COMPUTER INTERNET S	104.95	0.00
001-110-6490	SOFTWARE MAINT CON	180.50	0.00
001-110-6537	JCERT	153.00	0.00
001-110-6551	VEHICLE FUEL EXPENSES	1,581.12	0.00
001-110-6553	MISCELLANEOUS EXPEN	110.00	0.00
001-111-6371	UTILITIES, ELECTRIC (SIR	43.79	0.00
001-190-6460	CONTRACT, VETERINARI	210.00	0.00
001-210-6155	SELF FUNDED HEALTH IN	475.82	0.00
001-450-6530	SUPPLIES, OPERATIONS	24.00	0.00
001-599-6499	CDBG HOUSING REHAB	3,750.00	0.00
001-612-6446	TRAVEL EXPENSES	273.32	0.00
001-612-6542	SUPPLIES, MISCELLANEO	1,132.00	0.00
001-622-6373	UTILITIES, TELEPHONE	40.99	0.00
001-622-6447	TRAINING EXPENSES	150.00	0.00
001-622-6454	MAINT. CONTRACT PAGE	99.95	0.00
001-622-6535	SUPPLIES/NONCAP EQUI	63.80	0.00
001-622-6542	SUPPLIES, MISCELLANEO	69.05	0.00
001-650-6371	UTILITIES, ELECTRIC	-102.68	0.00
015-150-6371	UTILITIES, ELECTRIC	245.34	0.00
015-150-6373	UTILITIES, TELEPHONE	104.69	0.00
015-150-6474	MAINTENANCE, VEHICLE	-442.01	0.00
015-150-6551	VEHICLE FUEL EXPENSES	253.89	0.00
015-150-6722	EQUIPMENT, OPERATIO	218.00	0.00
041-410-6371	UTILITIES, ELECTRIC	1,294.95	0.00
043-430-6371	UTILITIES, ELECTRIC	457.76	0.00
043-430-6373	UTILITIES, TELEPHONE	75.05	0.00
043-430-6490	EVENT EXPENSES	124.89	0.00
044-440-6371	UTILITIES, ELECTRIC	26.98	0.00
044-440-6373	UTILITIES, TELEPHONE	1.23	0.00
046-460-6371	UTILITIES, ELECTRIC	1,264.82	0.00
046-460-6373	UTILITIES, TELEPHONE	-282.74	0.00
046-460-6475	MAINTENANCE, BLDGS	75.96	0.00

## Account Summary

Account Number	Account Name	Expense Amount	Payment Amount
046-460-6540	SUPPLIES, BLDGS. & GR	113.64	0.00
110-211-6371	UTILITIES, ELECTRIC	255.11	0.00
110-211-6373	UTILITIES, TELEPHONE	68.50	0.00
110-211-6470	MAINTENANCE, EQUIP	-92.63	0.00
110-211-6474	MAINTENANCE, VEHICLE	1,421.94	0.00
110-211-6490	MAINT. CONTRACT PAGE	82.70	0.00
110-211-6530	SUPPLIES, OPERATIONS	613.96	0.00
110-211-6544	SUPPLIES, SNOW & ICE R	1,380.00	0.00
110-211-6551	VEHICLE FUEL EXPENSES	1,085.50	0.00
110-211-6710	EQUIPMENT, TRUCK/AU	5,699.00	0.00
122-210-6372	ELECTRIC UTILITIES, ST LI	6,871.49	0.00
122-210-6757	STORM SEWER IMPROV	545.00	0.00
600-810-6371	UTILITIES, ELECTRIC	9,242.85	0.00
600-810-6373	UTILITIES, TELEPHONE	181.47	0.00
600-810-6470	PROF. SERVICES - TESTIN	50.00	0.00
600-810-6530	SUPPLIES, OPERATIONS	23.35	0.00
600-810-6531	SUPPLIES, BILLING	740.45	0.00
600-810-6535	SUPPLIES, OFFICE	139.85	0.00
600-810-6551	FUEL EXPENSE	225.46	0.00
600-810-6554	MAINTENANCE, GENERA	471.66	0.00
600-810-6556	MAINTENANCE, EQUIP	120.86	0.00
610-815-6181	ALLOWANCE, UNIFORM	41.95	0.00
610-815-6371	UTILITIES, ELECTRIC	9,720.54	0.00
610-815-6373	UTILITIES, TELEPHONE	129.98	0.00
610-815-6470	MAINTENANCE, EQUIP	12,042.29	0.00
610-815-6474	MAINTENANCE, VEHICLE	143.88	0.00
610-815-6489	PROFESSIONAL SERVICE	5,950.00	0.00
610-815-6501	CHEMICALS	467.22	0.00
610-815-6504	EQUIPMENT, SMALL	-109.50	0.00
610-815-6530	OPERATIONS SUPPLIES	50.36	0.00
610-815-6531	SUPPLIES, BILLING	740.45	0.00
610-815-6551	FUEL EXPENSE	563.21	0.00
610-815-6554	MAINTENANCE, GENERA	26.75	0.00
610-815-6559	MAINTENANCE, EQUIP	980.52	0.00
610-815-6783	WASTEWATER TREATME	734.53	0.00
610-815-6785	WASTEWTR SYSTEM IMP	66,994.45	50,000.00
Grand Total:		171,463.79	80,040.08

## Project Account Summary

Project Account Key	Expense Amount	Payment Amount
**None**	171,463.79	80,040.08
Grand Total:	171,463.79	80,040.08



▶ 8710 Earhart Lane SW  
Cedar Rapids, IA 52404  
**Main** 319.841.4000 + **Fax** 713.965.0044  
▶ [HRGREEN.COM](http://HRGREEN.COM)

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To: Michon Jackson, City of Anamosa  
From: HR Green  
Subject: Anamosa Project Status  
Date: December 21, 2022

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**1. 3<sup>rd</sup> Street Sidewalk**

- Identified and submitted funding alternatives to City
- Proposed sidewalk alignment and opinion of construction cost developed
- Coordinated proposed alignment/crossings with DOT
- Grant application preparation underway

**Action Items:** Scheduling public meeting and school walking survey with help from City, waiting for RPA before applications open back up.

**2. Sidewalk Program**

- Submitted draft Sidewalk Inspection Guidelines and policy
- Coordinating with GIS team

**Action Items:** Scheduling meeting date to discuss proposed ordinances and standards.

**3. Cedar & Huber Reconstruction**

- Have executed agreement

**Action Items:** Scheduling survey work

**4. Jordan Well No. 6**

- Bid Package 1 with Gingerich – complete
- Bid Package 2 with Boomerang is nearing completion
- Held a monthly construction progress meeting with the City, Boomerang and HR Green

**Action Items:** Well is operational with flow and water quality that meets goals. Boomerang wrapping up construction. Finalizing punchlist and substantial completion letter.

**5. Well 7 siting study**

- Met with City and new school superintendent to discuss proposed future well location

**Action Items:** Will follow up with school district in coming months.

**6. Water Treatment Plant Disinfection – Liquid Chlorine (bleach)**

- Iowa DNR approved disinfection report.
- Iowa DNR approved the construction permit application

- Solicited bids from contractors for the disinfection improvements
- Received contractor bids and provided a recommendation of award to the City.
- City awarded construction at the 11/14 Council Meeting
- HR Green submitted a proposal for construction-phase services for the council's consideration

**Action Items:** City to execute Award to Shaffer Plumbing & Heating.

#### 7. Sewer in Alley between Ford and N Huber

- Received construction permit from the IDNR
- Bidding scheduled for winter/spring after easement documents signed by homeowners
- Held second public meeting with homeowners and received several signed easements.

**Action Items:** City staff will mail easement agreements and go door to door to get homeowner signatures.

#### 8. City GIS

- Cemetery Mapping Project
  - Work Order was approved by City Council on 11/14/22. Council wants to phase project over a 3 year period. Mike will be in touch with Michon to discuss the approach.
- Lead Service Line Inventory
  - Updates will be made to GIS database to account for the updated information from the DNR's spreadsheet.
  - Data will be transferred from original layer to new layer that meets DNR's Required and Optional fields
- ArcGIS Online
  - We are merging the Water Department and Wastewater Department user groups inside ArcGIS Online to allow for easier access for Steve and Robert. By merging these two user groups, both Steve and Robert will not have to log out or log in as a new user to edit or assist with work on each other's utilities.