

ADDENDUM NUMBER #1

<u>PROJECT</u>	<u>BIDS DUE</u>
Thurston Park Improvements GFA Project #13045A	Date: May 9, 2016 Time: 11:00 AM Location: Village of Central Lake, 1622 N. M-88, Central Lake, MI, 49622

The Addendum is issued prior to the receipt of bid proposals to amend the Contract Documents as follows. This Addendum No. 1 becomes part of the Contract Documents as of this date and supersedes the information in the originally issued Contract Documents where applicable. Bidders shall acknowledge receipt of this addendum by means of a handwritten note on the Bid Schedule.

GENERAL

1. The bid opening has been changed to **2:00 PM** on May 9, 2016 at the Village of Central Lake Office located at 1622 North M-88, Central Lake, MI

SPECIFICATIONS

1. The following shall be stricken from the Table of Contents in its' entirety:

DIVISION 15 – PLUMBING

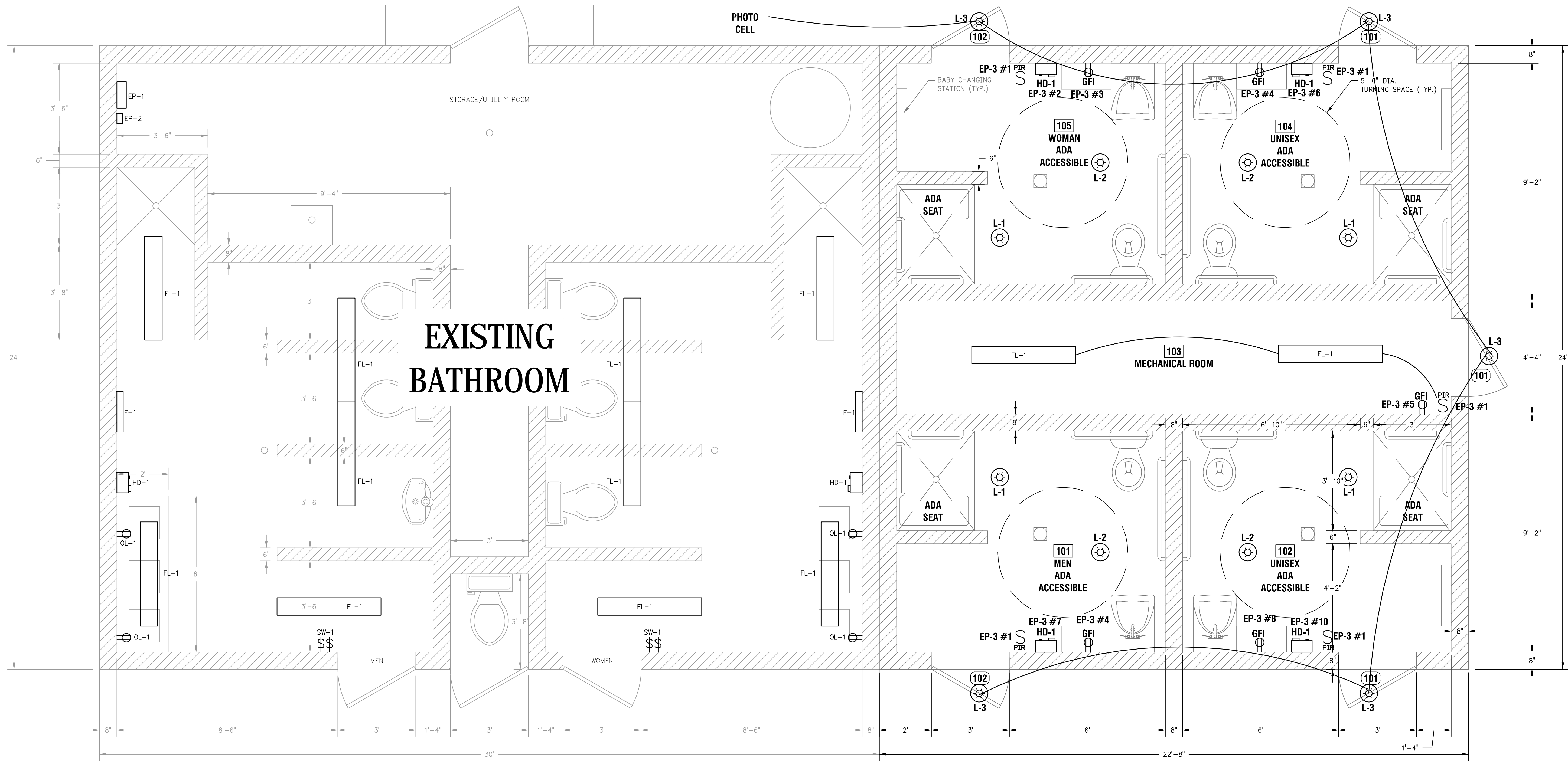
Section

15410 PLUMBING PIPING

2. A letter addressed to the City of Clare that is located in the back of the specifications (last page) shall be stricken in its entirety.

DRAWINGS

1. Sheet C4.0- Clarification: Detail 2 states MDOT 4G shall be provided. This aggregate shall be 95% crushed material
2. Sheet M1, the following clarifications are noted:
 - a. There is no ERV proposed to be installed with this project. Any notes referencing an ERV shall be disregarded.
 - b. The return air proposed to return to the bathrooms is depicted correctly. This is consistent with existing operations and the system is not recirculating the air to a space of different use type. The Contractor shall install per the bid plans.
 - c. A proposed programmable thermostat shall be provided and location as coordinated with the Owner. The contractor shall either provide a new thermostat or utilize the existing to operate the bathroom consistent with existing operations.
 - d. The room mounted hood detail shall interlock with all the proposed light switches and programmed to open when the rooms are occupied. The lights are to be controlled with occupancy sensors.
3. Sheet P1- Clarification: The same floor drains (identified as FD-1) centrally located in each of the bathrooms shall be also provided in each of the shower stalls (similar material, size and type).
 4. Sheet E1 shall be stricken in its' entirety and replaced the attached drawing. This attached drawing shall be incorporated in the bid package.



EXISTING BATHROOM

ELECTRICAL LAYOUT PLAN
SCALE: 1/2" = 1'-0"

GENERAL ELECTRICAL NOTES:

- PRIOR TO SUBMITTING A PROPOSAL, BIDDER SHALL HAVE VISITED THE EXISTING SITE. HE SHALL BE FAMILIAR WITH THE EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH WILL IN ANY WAY AFFECT THE WORK UNDER THIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OF NEGLIGENCE ON HIS PART.
- ELECTRICAL WORK SHALL COMPLY WITH THE LATEST ENFORCEABLE EDITION OF THE N.E.C., LOCAL AND STATE CODES, ORDINANCES, REGULATIONS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), AND ADA GUIDELINES WITH THE LOCAL CODE AUTHORITIES HAVING JURISDICTION.
- ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS, PAY ALL FEES, AND ARRANGE FOR ALL INSPECTION FOR HIS WORK AT THE COMPLETION OF ELECTRICAL WORK. THE ELECTRICAL CONTRACTOR SHALL FURNISH THE OWNER WITH ALL CERTIFICATES OF FINAL INSPECTION AND APPROVALS.
- ELECTRICAL MATERIALS SHALL BE NEW, AND BEAR THE "UL" LABEL OR LISTING.
- BRANCH CIRCUIT WITH FOR LIGHTING, RECEPTACLE AND SMALL POWER SHALL BE COPPER, RATED 75 DEGREE C. MINIMUM SIZE #12 AWG, AND BE TYPE "NM", "NMC" OR "NMS" (AS PERMITTED IN NEC 2005 SECTION 334), OR TYPE "MC", OR TYPE "THHN" OR "THWN" INSTALLED IN CONDUIT, UNLESS UNLESS OTHERWISE NOTED OR REQUIRED BY CODE. FEEDERS AND SECONDARY SERVICE CONDUITS SHALL BE STRANDED COPPER WITH 600 VOLT INSULATION, RATED 40 DEGREES C, TYPE "THHN" AND BE INSTALLED IN SCHEDULE 40 RIGID NONMETALLIC CONDUIT. ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE DELIVERED TO PROJECT IN UNBROKEN AND UNDAMAGED CARTONS AND REEL.
- GENERAL GROUND FAULT (GFCI) RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE, RATED 125 VOLT, 20 AMP, GROUNDED TYPE (NEMA 5-20R), UNLESS OTHERWISE NOTED, EQUAL TO LEVITON #8899 SERIES, OR EQUAL BY GENERAL ELECTRIC, HUBBELL, COPPER, ARROW-HART, OR P & S.
- TOGGLE SWITCHES SHALL BE RATED 20A, 120/277 VOLT, COMMERCIAL SPECIFICATION GRADE, SINGLE, DOUBLE-POLE, THREE-WAY, ETC. AS INDICATED, AND EQUAL TO LEVITON #CSBI-20 SERIES, GENERAL ELECTRIC, HUBBELL, COPPER, ARROW-HART, OR P&S.
- SENSOR SWITCHES SHALL BE RATED 20A, 120/277 VOLT, COMMERCIAL GRADE AS INDICATED, AND EQUAL TO LEVITON #ODS15 SERIES, WATTSTOPPER OR HBA.
- PLATES FOR SWITCHES AND RECEPTACLES SHALL BE STAINLESS STEEL.
- FLUORESCENT FIXTURE BALLAST VOLTAGE RATING SHALL BE AS NOTED, NON-PCB, HIGH POWER FACTORY, ENERGY SAVING, CLASS P, "A" SOUND RATED.
- LIGHT FIXTURES HAVE BEEN SELECTED TO MEET BOTH AESTHETIC AND PERFORMANCE REQUIREMENTS SET FORTH BY THE ARCHITECT/ENGINEER, SUBMITTED SHALL BE EQUAL COOPER, LITHONIA, HBA, OR THOMAS.
- ELECTRICAL JOINTS WILL BE PERMITTED ONLY IN JUNCTION AND OUTLET BOXES. ALL JOINTS SHALL BE FIRMLY BONDED TOGETHER AND TAPED OR SHALL BE MADE WITH MECHANICAL CONNECTORS.
- LOADCENTERS SHALL BE RATED 120/240V, 1 PHASE, 3W, AS NOTED WITH PLUG-IN/BOLT-ON TYPE BRANCH CIRCUIT BREAKERS. VERIFY AVAILABLE FAULT CURRENT WITH THE ELECTRIC UTILITY. LOADCENTERS SHALL BE SIMILAR TO SQUARE D, TYPE QO, OR EQUAL BY CUTLER-HAMMER, OR SIEMENS.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK INSTALLED UNDER HIS CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER THE ACCEPTANCE OF THE BUILDING BY THE OWNER. SHOULD DEFECTS OCCUR WITHIN THIS PERIOD, REPAIR AND/OR REPLACE DEFECTIVE ITEMS AT NO EXPENSE TO THE OWNER.
- ELECTRICAL CONTRACTOR SHALL COORDINATE LOCATIONS OF HIS EQUIPMENT AND WORK WITH OTHER BUILDING TRADES TO AVOID ANY INTERFERENCES BETWEEN HIS WORK AND THE WORK OF OTHER BUILDING TRADES. IF ANY DISCREPANCIES OCCUR, CONSULT WITH THE ARCHITECT AND/OR OWNER BEFORE CONTINUING.
- LAMPS - ALL LAMPS SHALL BE CLASSIFIED "ENERGY SAVING".
- THE CONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRED PATCHING, PLASTERING, PAINTING AND/OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THIS SPECIFICATION. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC. AS REQUIRED.
- THE CONTRACTOR SHALL EMPLOY QUALIFIED AND EXPERIENCED WORKMEN FOR HIS WORK.
- THE ELECTRICAL CONTRACTOR SHALL PERIODICALLY REMOVE FROM THE SITE ALL DEBRIS AND RUBBISH ACCUMULATING AS A RESULT OF THE ELECTRICAL INSTALLATION. UPON COMPLETION OF THE PROJECT, HE SHALL DISPOSE OF ALL DEBRIS AND SHALL LEAVE ALL AREAS CLEAN. THE INTERIOR OF ALL CABINETS, PULL BOXES, AND EQUIPMENT ENCLOSURES SHALL BE FREE OF ANY DEBRIS.
- ELECTRICAL CONTRACTOR SHALL VERIFY EXACT ELECTRICAL UTILITY COMPANIES SERVICE POINTS AND PRIMARY SERVICE CONDUIT, ROUTING, AND SIZE WITH UTILITY COMPANY SERVICE PLANNERS/ENGINEERS PRIOR TO BEGINNING WORK.
- UNDERGROUND CONDUIT TO BE SCHEDULE 40 PVC.
- DRAWINGS ARE DIAGRAMMATIC ONLY, FIELD VERIFY EXISTING CONDITIONS.

- ### NOTES
- ALL EXISTING ELECTRICAL AND HVAC EQUIPMENT TO REMAIN SHALL BE TARPED OR COVERED DURING CONSTRUCTION TO PREVENT DEBRIS FROM DAMAGING EQUIPMENT (I.E. SAWCUTTING, CONCRETE, ETC.)
 - EXISTING BATHROOM IS SHOWN IN GRAYSCALE AND SHOWN FOR REFERENCE. CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY BEFORE BEGINNING WORK.

EXISTING ELECTRICAL SCHEDULE					
TYPE	MODEL NO.	MANUFACTURER	QUANTITY	MOUNTING HEIGHT	REMARKS
FL-1			10	CEILING	4' FLUORESCENT LIGHT, REPLACEMENT TO MATCH NEW ADDITION
F-1			2	WALL	EXHAUST FAN, REPLACEMENT TO MATCH NEW ADDITION
HD-1			2	WALL	MATCH HAND DRYERS IN NEW ADDITION
OL-1			4	WALL	STANDARD PLUGS, UPDATE TO GFI, REPLACE COVERS TO MATCH NEW ADDITION
SW-1			2	WALL	DOUBLE SWITCH
EP-1					MAIN BREAKER PANEL, 100 AMP SERVICE, SEE PICTURES FOR DETAILS
EP-2					SUB-PANEL, SEE PICTURES FOR DETAIL

PROPOSED ELECTRICAL SCHEDULE					
TYPE	MODEL NO.	MANUFACTURER	NO. REQ.	MOUNTING HEIGHT	REMARKS
L-2	744LEDNT	HUTONE	4	CEILING	LAMP: 14W FAN: 25.0W MOTION SENSOR, LED LIGHT, COLOR BY OWNER
HD-1	HD0940-17	PALMER FIXTURE	4	WALL	1000W COLOR BY OWNER
L-1			4	CEILING	MOTION SENSOR, CANNED LED LIGHT, COLOR BY OWNER
GFI	4		4	WALL NEXT TO SINK	COLOR BY OWNER
OL-1	8		8	WALL	COLOR BY OWNER
BP-1			1	WALL	
EP-3	SQUARE D		1	WALL	100A MB
L-3	HALO		5	CEILING	HALO 6" RECESSED WITH HOUSING - #H71CAT WITH LT 560 WH 6930 LED TRIM

http://gfa.co
231.946.5874 (p)
231.946.3703 (f)

ENGINEERING SURVEYING TESTING & OPERATIONS
123 West Front Street
Traverse City, MI 49684

REV#	DATE	BY	CHK	DESC.
A	07/15/2014	TC	TC	TO DOES FOR PERMITS AND REVIEW
B	07/17/2015	TC	TC	FINAL SUBMISSION APPROVAL
0	08/02/2015	TC	TC	ISSUED FOR BID AND CONSTRUCTION
1	06/02/2016	TC	TC	MODIFICATION #1

VILLAGE OF CENTRAL LAKE
THURSTON PARK IMPROVEMENTS
ELECTRICAL PLAN
SECTION 23, TOWN 31 NORTH, RANGE 8 WEST
VILLAGE OF CENTRAL LAKE, ANTRIM COUNTY, MICHIGAN

PROJECT NO. **13045A**
E1

These documents are prepared in accordance with the contractual terms and conditions for this project.