

GFA
123 West Front Street
Traverse City, Michigan 49684

Date: May 27, 2020

ADDENDUM NUMBER TWO (2)

<u>PROJECT</u>	<u>BIDS DUE</u>
GFA Project No: 19371	Date: May 28, 2020 Time: 11:00 AM Location: Peninsula Township 13235 Center Road Traverse City, MI 49686

The Addendum is issued prior to the receipt of bid proposals to amend the Contract Documents as follows. Bidders shall acknowledge receipt of this addendum by means of a handwritten note on the Bid Schedule.

SPECIFICATIONS:

Section 01210 – Allowances

Remove and replace entire specification with attached.

DRAWINGS:

ARCHITECTURAL ITEMS

Item A-1: Refer to Sheet A4.3; Interior Elevations

- a. View 7: Provide finished end panel at each side of refrigerator to match kitchen door pattern. (Shaker Style – painted)
- b. View 2: Cabinet above toilet to be 8” deep; Plam-2 with finished ends/exposed surfaces.

Item A-2: Refer to Sheet A4.2; Door Schedule and Details.

- a. Detail 7: Casing at garage door should be 2x4 composite trim in lieu of 2x6 indicated. Head to be 2x8 composite trim with cut indicated on elevations.
Note: Brick corner return typical at doors as required.
- b. Refer to Window Trim elevations; Provide 2x4 composite trim behind decorative shutters.

MECHANICAL ITEMS

Item M-1: Refer to Sheet M5.1; Mechanical Schedules/Notes/Details: Exhaust Hood at Kitchen 106 to be Zephyr; Siena ES- Europa; ZSI-E30AS-ES 30”

ELECTRICAL ITEMS

Item E-1: Refer to Sheet E3.1; Main Level Plan – Electrical (Revised Sheet E3.1 attached)

- a. Added two type “B” lights at Bunk Room 107 and Bunk Rom 108. With separate switch from fan.
- b. Refer to Lighting Fixture Schedule: Provide \$450.00 allowance for each Ceiling Fan “H”.
- c. Added two type “M” fixtures above garage door to illuminate signage.

ATTACHMENTS

- (Revised) Sheet E3.1; Main Level Plan – Electrical
- (Revised) Specification: Section 01210 – Allowances

This Addendum No. 2 becomes part of the Contract Documents as of this date and supersedes the information in the originally issued Contract Documents where applicable. The Contractor shall acknowledge receipt of the Addendum in the Bid Schedule included with his/her bid.

Peninsula Township
Municipal Fire Station #3
Traverse City, MI

SECTION 01210 - ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes administrative and procedural requirements governing the following:
 - 1. Lump-sum allowances.
 - 2. Testing and inspecting allowances.
- B. See Division 1 Section "Quality Requirements" for procedures governing the use of allowances for testing and inspecting.

1.2 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.3 SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.
- B. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.4 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.5 **LUMP-SUM** ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner under allowance and shall include taxes, freight, and delivery to Project site.

Peninsula Township
Municipal Fire Station #3
Traverse City, MI

- B. Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner under allowance shall be included as part of the Contract Sum and not part of the allowance.

1.6 TESTING AND INSPECTING ALLOWANCES

- A. Testing and inspecting allowances include the cost of engaging testing agencies, actual tests and inspections, and reporting results.
- B. The allowance does not include incidental labor required to assist the testing agency or costs for retesting if previous tests and inspections result in failure. The cost for incidental labor to assist the testing agency shall be included in the Contract Sum.
- C. Costs of services not required by the Contract Documents are not included in the allowance.
- D. At Project closeout, credit unused amounts remaining in the testing and inspecting allowance to Owner by Change Order.

1.7 UNUSED MATERIALS

- A. Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, prepare unused material for storage by Owner when it is not economically practical to return the material for credit. If directed by Architect, deliver unused material to Owner's storage space. Otherwise, disposal of unused material is Contractor's responsibility.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

Peninsula Township
Municipal Fire Station #3
Traverse City, MI

3.3 SCHEDULE OF ALLOWANCES

- A. **Allowance No. 1: Special Inspections (Structural) Allowance: Include \$5,000.00** as a lump sum allowance for structural special inspections required for masonry. Concrete testing and soil compaction/density shall be provided by owner.
- B. **Allowance No. 2: Interior Signage. Include \$500.00** as a lump sum allowance to provide and install interior signage. Exterior signage as indicted on drawings shall be provided as part of base bid.
- C. **Allowance No. 3: Miscellaneous Contingency. Include \$20,000.00** as a lump sum allowance to provide for work related to unforeseen conditions not addressed in the contract documents and revealed during construction.
- D. **Allowance No. 4: Appliances. Include \$5,000.00** as a lump sum allowance to provide and install appliances as selected by owner. Note all venting and utilities infrastructure to be provided as part of base bid.
- E. **Allowance No. 5: Landscaping Allowance. Include \$25,000.00** as a lump sum allowance for Landscaping and only applies to plantings and associated mulch/edging.
- F. **Allowance No. 6: Apparatus Bay Diesel Exhaust Extraction System Material Allowance. Include \$15,000.00** as a lump sum allowance for Equipment and Ductwork to be provided by Clean Air (Clean Air Concepts; contact Greg Roach 513-515-1941); Note: Electrical and Mechanical Contractors are responsible for installation of system; associated wiring and other requirements per manufacturer's specification.

END OF SECTION 01210

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	NOTES
	SINGLE POLE SWITCH	MOUNT @ 44" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	FAN/LIGHT SWITCH	MOUNT @ 44" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	ROUND FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	LINEAR FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	2'x2' FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	4' LINEAR FIXTURE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	WALL SCONCE, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	EXIT SIGN, TYPE X	SEE LIGHTING FIXTURE SCHEDULE FOR TYPES
	DUPLEX OUTLET - 20 AMP	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	COMBINATION RECEPTACLE/USB CHARGING	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	DUPLEX OUTLET - WEATHER PROOF COVER	MOUNT @ 24" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	DUPLEX OUTLET - GROUND FAULT	MOUNT @ 16" A.F.F. TO BOTTOM OF BOX, UNLESS OTHERWISE NOTED
	SPECIAL OUTLET - 240V	MOUNT @ 48" A.F.F. TO TOP OF BOX, UNLESS OTHERWISE NOTED
	SPECIAL PURPOSE CONNECTION, AS NOTED	REFER TO SHOP DRAWINGS FOR CONNECTION REQUIREMENTS
	MOTOR, AS SPECIFIED	
	GARAGE DOOR OPENER	MOUNT @ 48" A.F.F. TO TOP OF BOX, UNLESS OTHERWISE NOTED
	DOOR STRIKE	DOOR STRIKE PROVIDED BY ARCH. TRADES - POWER BY E.C.
	FUSED OR NON-FUSED DISCONNECT	
	MDP & LIGHTING/BRANCH CIRCUIT PANELS	REFER TO SPEC'S SECTION 16470, AND ONE-LINE DIAGRAM.
	LIGHTING CONTROL PANEL	REFER TO DIAGRAMS ON SHEET E5.1
	TELEPHONE BACKBOARD	PROVIDE 3/4" PLYWOOD FOR BACKBOARD
	LOW VOLTAGE TELEPHONE OUTLET	DENOTES TELEPHONE DESK OUTLET. MOUNT @ 16" A.F.F. TO BOTTOM OF BOX. (SEE DETAIL) E.C. TO PROVIDE CAT6 WIRING FROM OUTLET TO HIGH IN FRONT ENTRY CLOSET
	MASTER FIRE ALARM PANEL	SEE DRAWINGS FOR LOCATION AND SYSTEM SPECIFICATIONS
	MECHANICAL THERMOSTAT	E.C. TO PROVIDE SINGLE GANG BOX WITH 1/2" CONDUIT STUBBED TO UNIT TO BE CONTROLLED. REFERENCE MECHANICAL PLANS FOR MORE INFORMATION.
	ABOVE COUNTER	POWER WIRING TO BE IN ANOTHER CONDUIT SYSTEM.
	CIRCUIT FROM PANEL A, CIRCUIT 21	MTD. @ 44" A.F.F. TO BOTTOM OF BOX.
	LOW VOLTAGE CABLE OUTLET, INCLUDING DATA	E.C. TO PROVIDE AND INSTALL A LEGRAND WALL SOURCE BOX #WSB42-2 W/ DEVICE MOUNTING BRACKET, TRIM RING & 1" CONDUIT STUBBED ABOVE THE CEILING INCLUDE HDMI/VGA, ETC. CONNECTIONS - VERIFY EXACT CONFIGURATION W/ OWNER'S TECHNOLOGY CONSULTANT.
	SMOKE ALARM SYSTEM	E.C. TO PROVIDE AND INSTALL A GENTEX COMBINATION CO/SMOKE ALARM SYSTEM # S1209

FIRE ALARM SYSTEM-GENERAL NOTES

- SYSTEM SHALL BE LIMITED ON NORMAL POWER WITH BATTERY BACKUP. ALL COMPONENTS OF THE SYSTEM SHALL BE UL LISTED FOR FIRE ALARM.
- THE COMPLETE INSTALLATION SHALL CONFORM TO NFPA-72 2014 EDITION, 2015 IFC, CODE REQUIREMENTS, NATIONAL ELECTRIC CODE, NFPA-101 & 90A, ADA AND THE REQUIREMENTS OF GOVERNING AUTHORITIES.
- EDWARDS FIRE ALARM SYSTEM IS BASE BID, ALL OTHERS ARE TO BE BID AS VOLUNTARY ALTERNATE.
- ALL STROBE LIGHT WIRING TO BE #16 AWG MINIMUM TO SUIT LOAD SERVED - ALL OTHER FIRE ALARM WIRE TO BE #16 AWG MINIMUM.
- ALL WIRING TO BE IN CONDUIT, 1/2" MINIMUM OR USE PLENUM CABLE AS ALLOWED BY LOCAL AUTHORITIES.
- DESIGN, FURNISH AND INSTALL A COMPLETE SYSTEM TO MEET THE REQUIREMENTS OF THE GOVERNING AUTHORITIES. SUBMIT FIRE ALARM SHOP DRAWINGS TO THE AUTHORITY HAVING JURISDICTION FOR APPROVAL. MIN. REQUIREMENTS SHALL BE AS FOLLOWS & AS SHOWN ON THE DRAWINGS.
 - VISUAL STROBE IN ALL AREAS (TO MEET ADA).
 - BATTERY BACK-UP, MULTI-ZONE SYSTEM
 - CELLULAR AUTO-DIAL OUT & MONITORING BY FIRE ALARM SYSTEM PROVIDER.
 - PULL STATION(S) & DEVICES AS SHOWN ON DRAWINGS
 - SMOKE DETECTORS AS REQUIRED BY LOCAL AUTHORITIES, SEE DRAWING E3.1
 - STROBES ARE SHOWN ON DRAWINGS. FINAL COUNT AND LOCATIONS ARE TO BE IN ACCORDANCE WITH ADA AND THE GOVERNING AUTHORITIES.
- UPON ACTIVATION OF ANY INITIATING DEVICE, THE FOLLOWING SEQUENCE SHALL OCCUR:
 - ILLUMINATE THE STROBES.
 - THE STROBES SHALL OPERATE WHEN THE FIRE ALARM SYSTEM IS ACTIVATED.
 - THE SYSTEM SHALL BE MANUALLY RESET AFTER ALL DEVICES HAVE CLEARED.
- ALL DEVICES SHALL BE "INTELLIGENT" AND SHALL INDIVIDUALLY ADDRESSABLE, VIA DIGITAL SIGNAL.
- PROVIDE WATERPROOF HORN/STROBE AT THE FIRE DEPARTMENT CONNECTION, AND AT ANOTHER LOCATION AS REQUIRED BY LOCAL JURISDICTION.
- COORDINATE CONNECTION OF TAMPER SWITCHES AND FLOW SWITCHES WITH THE SPRINKLER CONTRACTOR.
- THE ENTIRE FIRE ALARM SYSTEM IS A PERFORMANCE SPECIFICATION WITH THE MINIMUM REQUIREMENTS SHOWN IN THE DOCUMENTS, NO CHANGE FOR FIRE ALARM ISSUES WILL BE CONSIDERED.

FIRE ALARM & FIRE PROTECTION KEY

SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR/CONTROL PANEL
	MANUAL PULL STATION
	PHOTOELECTRIC SMOKE DETECTOR
	SOUNDER BASE
	STROBE DEVICE
	HORN & STROBE DEVICE
	TAMPER SWITCH
	FLOW SWITCH
	WEATHERPROOF TROUBLE HORN/STROBE
	CEILING MOUNT STROBE
	CEILING MOUNT HORN/STROBE

KEYED ELECTRICAL PLAN NOTES:

- E.C. TO WIRE COAX CABLE FROM TV BOX TO EXTERIOR BACK BOX. TERMINATION BY CABLE COMPANY.
- E.C. TO WIRE CAT 6 CABLE FROM TELEPHONE BOX TO BACK OF CLOSET ABOVE SHELF. TERMINATION BY PHONE COMPANY. RECEPTACLE TO BE MOUNTED ABOVE SHELF.
- M.C. TO PROVIDE/INSTALL WET-1 & L-1 AS PART OF THE GAS DETECTION SYSTEM. E.C. TO PROVIDE/INSTALL THE GAS DETECTION SYSTEM, INCLUDING ALL LINE VOLTAGE AND LOW VOLTAGE WIRING.
- SITE CONTRACTOR TO PROVIDE/INSTALL WELL PUMP/CONTROL SYSTEM. E.C. TO PROVIDE/INSTALL POWER TO THE WELL SYSTEM, AS REQUIRED.
- SITE CONTRACTOR TO PROVIDE/INSTALL SEWAGE DOSING PUMPS/CONTROL SYSTEM. E.C. TO PROVIDE/INSTALL POWER TO THE DOSING PUMP SYSTEM, AS REQUIRED.

OCCUPANCY SENSOR LEGEND

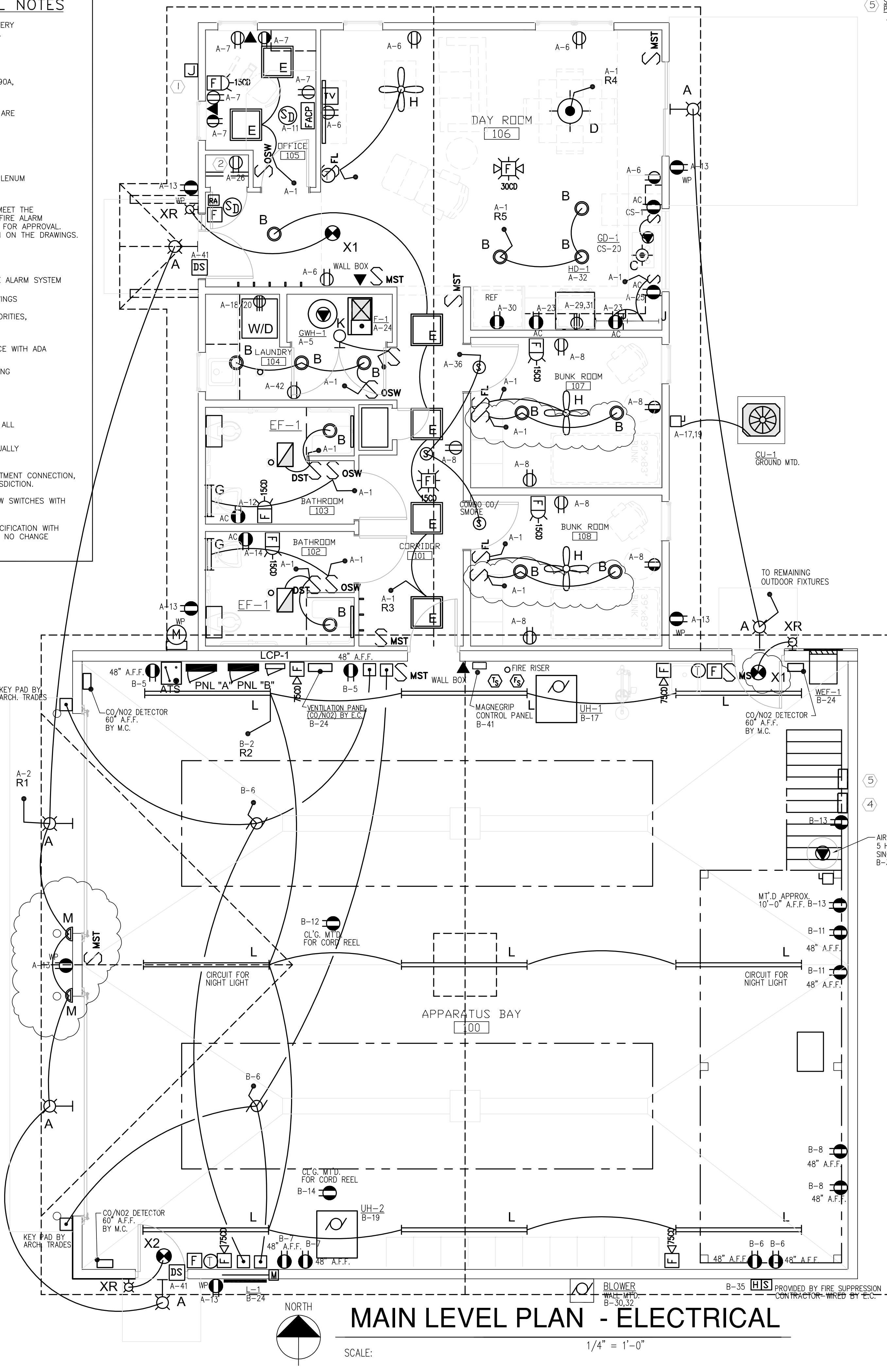
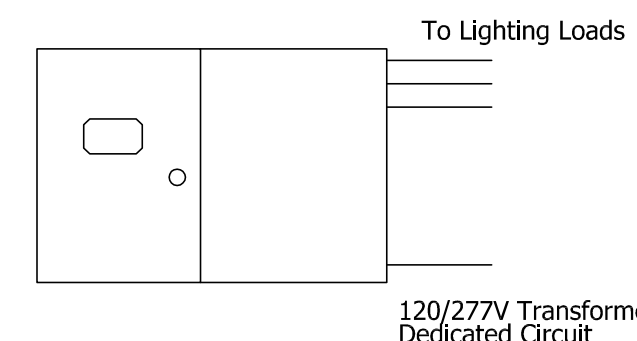
SYMBOL	BRAND	MODEL #	DESCRIPTION
	EATON	ONW-D-1001-MV-X	WALLBOX MOUNTED MULTI-TECH OCCUPANCY SENSOR
	EATON		WALLBOX MOUNTED TIMER SWITCH
	EATON		MOMENTARY LOW VOLTAGE SWITCH TO RELAY PANEL

- NOTES:
- OCCUPANCY SENSOR SCHEDULE AND DESIGN BASED ON COOPER CONTROLS GREENGATE BRAND.
 - SENSORS MUST COMPLY TO NEMA WD7 STANDARD OF COVERAGE PATTERN VERIFICATION.
 - CONTRACTOR TO VERIFY SENSOR PLACEMENT AND STYLE WITH MANUFACTURE REPRESENTATIVE.
 - MANUFACTURE TO PROVIDE 4-HOURS OF OWNER TRAINING ON SENSOR OPERATION.

LCP1 RELAY PANEL SCHEDULE

RELAY #	RELAY TYPE	VOLTAGE	LOAD TYPE	CIRCUIT	DESCRIPTION
1	SRC	120V	LED	A-2	EXTERIOR WALL MOUNTED TYPE "A" FIXTURES
2	SRC	120V	LED	B-2	APPARATUS BAY TYPE "L" FIXTURES
3	SRC	120V	LED	A-1	HALLWAY FIXTURES
4	SRC	120V	LED	A-1	DAY ROOM DINING FIXTURE
5	SRC	120V	LED	A-1	DAY ROOM TYPE "B" FIXTURES
6	SRC	120V	---	---	SPARE
7	SRC	120V	---	---	SPARE
8	SRC	120V	---	---	SPARE

LK8 MECHANICAL ROOM LCP-1



MAIN LEVEL PLAN - ELECTRICAL

SCALE: 1/4" = 1'-0"

SEWAGE DOSING PUMPS - SEE SITE PLAN FOR EXACT LOCATION A-35,37

ISSUES:

DATE:	DESCRIPTION:
5/7/20	Bid Set
5/26/20	Addendum #1

CHANGES TO PLANS AND SPECIFICATIONS ANY CHANGE INCLUDING ALTERATION, MODIFICATION, OMISSION OR DEVIATION BY THE OWNER, ARCHITECT, ENGINEER, CONTRACTOR OR ANY OTHER PARTY OF ANY OF THE CONTRACT DOCUMENTS INCLUDING BUT NOT LIMITED TO THE SCHEDULE OF VALUES, SHALL BE MADE BY THE OWNER, ARCHITECT, ENGINEER, CONTRACTOR OR ANY OTHER PARTY OF ANY OF THE CONTRACT DOCUMENTS. ANY SUCH CHANGE BY THE OWNER, ARCHITECT, ENGINEER, CONTRACTOR OR ANY OTHER PARTY OF ANY OF THE CONTRACT DOCUMENTS SHALL BE MADE IN WRITING AND SHALL BE THE RESPONSIBILITY OF THE PARTY WHO MADE THE CHANGE. THE PARTY WHO MADE THE CHANGE SHALL BE RESPONSIBLE FOR ANY AND ALL LIABILITY RESULTING FROM SUCH CHANGE.

PROJECT NO. 2001-01

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GENERAL NOTES:

- VERIFY DOOR SWING AND CORRESPONDING SWITCH LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- CONNECT ALL EXIT SIGNS AND EMERGENCY/EGRESS FIXTURES TO THE NEAREST LIGHTING CIRCUIT.
- VERIFY CEILING GRID LAYOUT WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- THE LIGHTS THAT ARE SHADED REPRESENT LIGHTS THAT ARE CONNECTED TO THE EMERGENCY GENERATOR AND SHALL OPERATE AT LOSS OF POWER.
- ALL CIRCUITS SHALL BE LABELED AT THE PANEL AND AT THE OUTLET AND FOR FUTURE REFERENCE.
- FOR DATA/PHONE SYMBOLS SHOWN PROVIDE BOX AND 3/4" CONDUIT STUBBED ABOVE CEILING.
- FOR MULTIPLE CIRCUITS SHOWN IN JUNCTION BOXES A SEPARATE NEUTRAL CONDUCTOR SHALL BE PROVIDED FOR EACH CIRCUIT.
- VERIFY ALL DATA/PHONE LOCATIONS AND CORRESPONDING I.G. RECEIPTS WITH OWNER.

ALT. #1

FIRE PUMP - SEE SITE PLAN FOR EXACT LOCATION

environmental architects

New Firestation for Peninsula Township Station #3

20-01

M-37 North Traverse City, MI.

Main Level Plan - Electrical

E3.1