DANE COUNTY DEPT. OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION

1919 Alliant Energy Center Way Madison, Wisconsin 53713 Office: 608/266-4018 ⋄ Fax: 608/267-1533 Public Works Engineering Division Public Works Solid Waste Division

ADDENDUM 1

JULY 19, 2018

ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

RFB NO. 318008 - ADDENDUM NO. 1

ALBION SALT STORAGE BUILDING

<u>BIDS DUE</u>: TUESDAY, JULY 24, 2018, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

PLEASE MAKE THE FOLLOWING CHANGES:

1. Table of Contents

Modify current Table of Contents as follows: under "DRAWINGS", below "A501 - Details and Schedules", insert the following:

"E201 - Electrical Lighting and Power Plan

E501 - Electrical Details and Schedules

M201 - Salt Shed Mech Plan"

2. Bid Form

Delete current Bid Form; replace with new Bid Form issued with this Addendum.

3. Sheet 1.0 - Title Sheet

Modify current Sheet 1.0 - Title Sheet as follows: in the Sheet Index, below "A501 Details and Schedules", insert the following:

"E201 - Electrical Lighting and Power Plan

E501 - Electrical Details and Schedules

M201 - Salt Shed Mech Plan"

4. Sheet E201 - Electrical Lighting and Power Plan

Add new Sheet E201 - Electrical Lighting and Power Plan issued with this Addendum.

5. Sheet E501 - Electrical Details and Schedules

Add new Sheet E501 - Electrical Details and Schedules issued with this Addendum.

6. Sheet M201 - Salt Shed Mech Plan

Add new Sheet E501 - Salt Shed Mech Plan issued with this Addendum.

RFB No. 318008 - 1 - rev. 06/17

If any additional information about this Addendum is needed, please call Ryan Shore at 608/266-4475, shore@countyofdane.com.

Sincerely, *Ryan Shore*Project Manager

Enclosures:

Addendum No. 1 Bid Form Sheet E201 Sheet E501 Sheet M201

rev. 07/17

- 2 -

	Name of Bidding Firm:
	BID FORM
BID NO. 31	8008
PROJECT:	ALBION SALT STORAGE BUILDING 1015 COUNTY HIGHWAY A
то:	DANE COUNTY DEPARTMENT OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION PROJECT MANAGER 1919 ALLIANT ENERGY CENTER WAY MADISON, WISCONSIN 53713
	SCONSIN STATUTE 77.54 (9M) ALLOWS FOR NO SALES & USE TAX ON RCHASE OF MATERIALS FOR COUNTY PUBLIC WORKS PROJECTS.
BASE BID .	· LUMP SUM:
in the Town executed and having caref and Addenda Transportation the complete	of Albion. The undersigned, having examined the site where the Work is to be having become familiar with local conditions affecting the cost of the Work and ully examined the Drawings and Specifications, all other Construction Documents a thereto prepared by Dane County Department of Public Works, Highway & on hereby agrees to provide all labor, materials, equipment and services necessary for and satisfactory execution of the entire Work, as specified in the Construction for the Base Bid stipulated sum of:
in the Town executed and having caref and Addenda Transportation the complete	of Albion. The undersigned, having examined the site where the Work is to be I having become familiar with local conditions affecting the cost of the Work and ully examined the Drawings and Specifications, all other Construction Documents a thereto prepared by Dane County Department of Public Works, Highway & on hereby agrees to provide all labor, materials, equipment and services necessary for and satisfactory execution of the entire Work, as specified in the Construction

ALT

Provide lump sum price for an 8,000 ton salt storage building.

and ______/100 Dollars Written Price

Numeric Price

Receipt of the following addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No(s). _____ through _____ Dated _____ Dane County Department of Public Works, Highway & Transportation must have the building portion of the project completed by December 15, 2018 and the associated site work complete by June 1, 2019. Assuming this Work can be started by September 17, 2018, what dates can you commence and complete this job?

Commencement Date:	Completion Date:(final, not substantial)
I hereby certify that all statements herei	n are made on behalf of:
(Name of Corporation, Partnership or Person submitt	ing Bid)
Select one of the following: 1. A corporation organized and existing	under the laws of the State of, or
2. A partnership consisting of	, or
3. A person conducting business as	;
Of the City, Village, or Town of	of the State of
have checked the same in detail before statements and submit this Bid in (its) (and correct. In signing this Bid, we also entered into any agreement or participat restraint of free competition; that no attestion or not to submit a Bid; that this built with any other bidder, competitor, or pedisclosed prior to the Bids Due Date to accurate under penalty of perjury.	this Bid from the associated Construction Documents and submitting this Bid; that I have full authority to make such their) (my) behalf; and that the said statements are true to certify that we have not, either directly or indirectly, ted in any collusion or otherwise taken any action in tempt has been made to induce any other person or firm to Bid has been independently arrived at without collusion otential competitor; that this Bid has not been knowingly another bidder or competitor; that the above statement is ar the Base Bid and the Alternate Bid(s) for sixty (60) contract.
SIGNATURE:	(Bid is invalid without signature)
Print Name:	Date:
Title:	
Address:	
Telephone No.:	Fax No.:
Email Address:	
Contact Person:	

Bid No. 318008 Addendum No. 1

THIS PAGE IS FOR BIDDERS' REFERENCE AND NEED NOT BE SUBMITTED WITH BID FORM.

BID CHECK LIST:		
These items must be inclu	ded with Bid:	
□ Bid Form	☐ Bid Bond	☐ Fair Labor Practices Certification

BIDDERS SHOULD BE AWARE OF THE FOLLOWING:

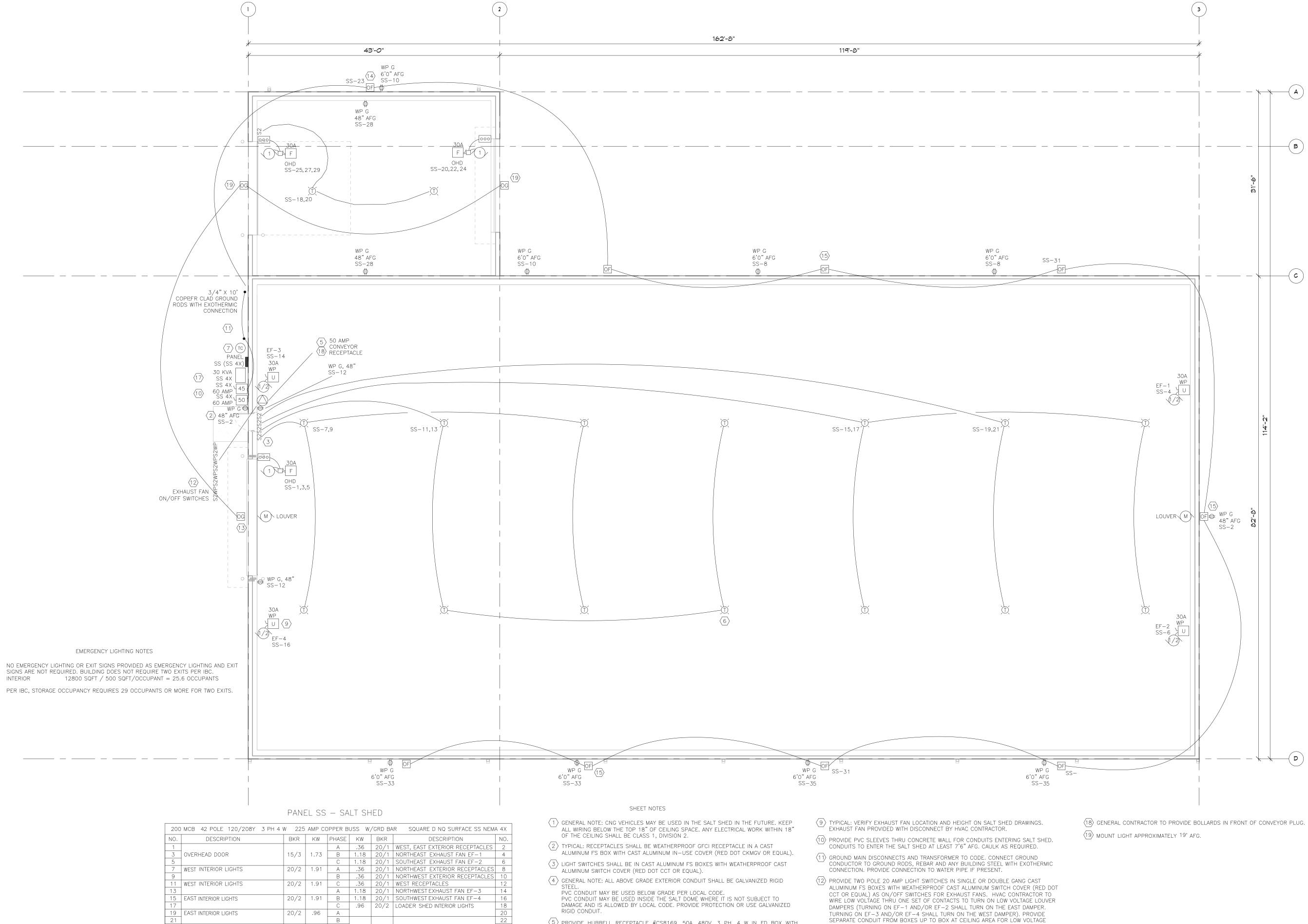
DANE COUNTY VENDOR REGISTRATION PROGRAM

All bidders are strongly encouraged to be a registered vendor with Dane County. Registering allows vendors an opportunity to receive notifications for RFBs & RFPs issued by the County and provides the County with up-to-date company contact information. Complete a new form or renewal online at:

danepurchasing.com/Account/Login?

DANE COUNTY BEST VALUE CONTRACTING PRE-QUALIFICATION

Contractors must be pre-qualified as a Best Value Contractor with the Dane County Public Works Engineering Division before the award of contract. Obtain a *Best Value Contracting Application* by calling 608/266-4018 or complete one online at: countyofdane.com/pwht/BVC_Application.aspx



MAIN CIRCUIT BREAKER 22 KAIR MINIMUM BRANCH CIRCUIT BREAKERS 10 KAIR MINIMUM

SOUTHEAST EXTERIOR RECEPTACIES 20/1 36 B — 20/1 SPARE

SOUTHEAST EXTERIOR RECEPTACIES 20/1 36 B — 20/1 SPARE

| SOUTHEAST EXTERIOR RECEPTACLES | 20/1 | .36 | C | .36 | C | .36 | SPARE | .36 | C |

20/1 .32 C 1.73 15/3 OVERHEAD DOOR

15/3 1.73 B .36 20/1 LOADER SHED RECEPTACLES

WEST INTERIOR LIGHTS

EAST INTERIOR LIGHTS

9 EAST INTERIOR LIGHTS

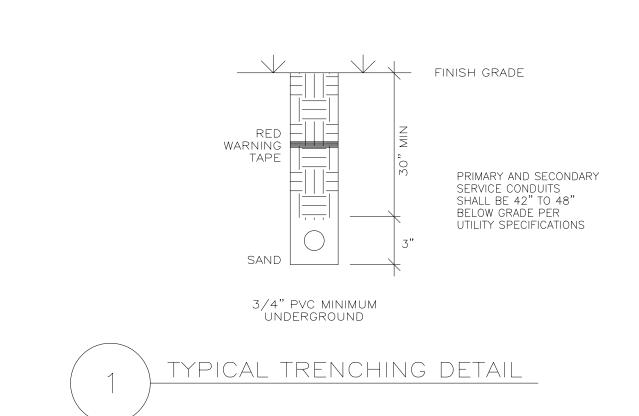
OVERHEAD DOOR

EXTERIOR LIGHTS, TIME CLOCK

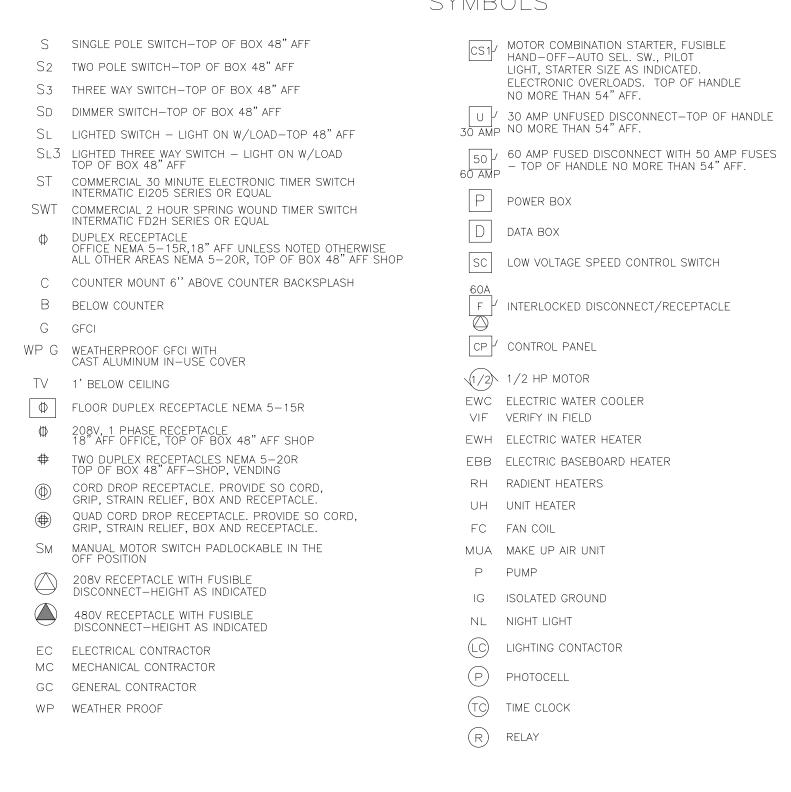
- $\langle 4 \rangle$ general note: all above grade exterior conduit shall be galvanized rigid
- PVC CONDUIT MAY BE USED BELOW GRADE PER LOCAL CODE.

 PVC CONDUIT MAY BE USED INSIDE THE SALT DOME WHERE IT IS NOT SUBJECT TO DAMAGE AND IS ALLOWED BY LOCAL CODE. PROVIDE PROTECTION OR USE GALVANIZED RIGID CONDUIT.
- (5) PROVIDE HUBBELL RECEPTACLE #CS8169, 50A, 48OV, 3 PH, 4 W IN FD BOX WITH HUBBELL #7770 COVER FOR CONVEYOR.
- $\langle 6 \rangle$ TYPICAL: MOUNT TYPE T LIGHTS FROM JOISTS. USE STAINLESS STEEL HARDWARE AND STAINLESS STEEL SAFETY CHAIN OR CABLE. PROVIDE WOOD BLOCKING AS REQUIRED.
- $\langle 7 \rangle$ provide intermatic et8015C, 7 day, 30 amp spst contact, astronomical time CLOCK WITH BATTERY BACK UP. PROGRAM RELAY CONTACT FOR DUSK TO DAWN OPERATION OF SALT SHED EXTERIOR LIGHTING. MOUNT INSIDE A STAINLESS STEEL
- (8) GENERAL NOTE: PANELS SHALL HAVE STAINLESS STEEL NEMA 4X ENCLOSURES OR BE MOUNTED INSIDE STAINLESS STEEL NEMA 4X ENCLOSURES.
- (12) PROVIDE TWO POLE 20 AMP LIGHT SWITCHES IN SINGLE OR DOUBLE GANG CAST ALUMINUM FS BOXES WITH WEATHERPROOF CAST ALUMINUM SWITCH COVER (RED DOT CCT OR EQUAL) AS ON/OFF SWITCHES FOR EXHAUST FANS. HVAC CONTRACTOR TO WIRE LOW VOLTAGE THRU ONE SET OF CONTACTS TO TURN ON LOW VOLTAGE LOUVER DAMPERS (TURNING ON EF-1 AND/OR EF-2 SHALL TURN ON THE EAST DAMPER. TURNING ON EF-3 AND/OR EF-4 SHALL TURN ON THE WEST DAMPER). PROVIDE SEPARATE CONDUIT FRÓM BOXES UP TO BOX AT CEILING AREA FOR LÓW VOLTAGE LOUVER DAMPER CONTROL.
- (13) MOUNT LIGHT APPROXIMATELY 30' AFG.
- (14) MOUNT NORTH TYPE OF LIGHTS CENTERED APPROXIMATELY 17' AFG.
- (15) MOUNT TYPE OF LIGHT APPROXIMATELY 17' AFG.
- GENERAL NOTE: ALL SALT SHED LIGHT SWITCHES AND RECEPTACLES SHALL BE 20 AMP INDUSTRIAL GRADE UNLESS NOTED OTHERWISE.
- (17) GENERAL CONTRACTOR TO PROVIDE BOLLARDS OR GUARD RAIL IN FRONT OF ELECTRICAL EQUIPMENT. MAINTAIN 3' 6" WORKING SPACE CLEARANCE IN FRONT OF ELECTRICAL EQUIPMENT.





SYMBOLS



	LIGHT FIXTURE SCHEDULE											
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTAGE LAMP	NO. LAMP		BALLAST	AMPS WATTS MOUNT	NOTES			
Т	SALT SHED HID	LITHONIA	TX-400MP-A23-208-SCWA-CR-WL-STSS-SLR	208	1 400W PSMH	SCWA		2.3 450 PENDANT	5			
T — ALT	SALT SHED HIGH BAY LED	LITHONIA	JHBL-24000LM-GL-WD-MVOLT(208V)-GZ10-40K-70CRI-DF-HA-DWH-CR	208 LE	ED LED, 4000K, 24,000 LUMENS	LED DIMMING DRIVER		.86 238 PENDANT	7,8			
OF	SECURITY	LITHONIA	DSXW1-LED-20C-350-40K-T4M-120-SF-HS-DDBXD-BBW	120	4000K LED, 2,585 LUMENS	350mA LED DRIVER		.23 25 SURFACE	1,2,3,6			
OG	SECURITY	LITHONIA	DSXW2-LED-30C-1000-40K-T4M-MVOLT-SF-HS-DDBXD	120/277	4000K LED, 8,611 LUMENS	1000mA LED DRIVER		1.01/.44 109 SURFACE	1,2,3,4			

SCHEDULE NOTES

- 1. INCLUDE FUSE OPTION.
- 2. DARK BRONZE
- 3. INCLUDES HOUSE SIDE SHIELD OR BACK LIGHT CONTROL. 4. 120V AT SALT SHED, 277V AT MAIN BUILDING.
- 5. INCLUDE STAINLESS STEEL HARDWARE AND LENS RING, CORRISION RESISTANT FINISH, WET LOCATION LABEL, STAINLESS STEEL SAFETY CHAIN OR CABLE.
- 6. INCLUDE BACK BOX.
- 7. DIMMING OR BI-LEVEL DIMMING NOT NEEDED. 8. +149 DEGREE AMBIENT TEMPERATURE, CORROSION RESISTANT
- FINISH, DUAL FUSES, GLASS LENS, WHITE FINISH.

GENERAL NOTES

- 1. UNLESS NOTED, EQUIVALENT FIXTURES FROM THE FOLLOWING MANUFACTURERS WILL BE ACCEPTED:
 GENLYTE THOMAS (DAY—BRITE, CAPRI, OMEGA, EMCO, McPHILBEN), HUBBELL LIGHTING (COLUMBIA, PRESCOLITE, SPAULDING, DUAL LITE), RUUD, CREE, LSI AND COOPER LIGHTING (METALUX, HALO, LUMARK, SURE—LITES). EQUIVALENT LIGHT FIXTURES WILL BE EQUAL OR BETTER THAN THE SPECIFIED FIXTURE. ANY LIGHT FIXTURE THAT IS NOT EQUAL WILL BE REJECTED.
- 2. FIXTURES SHALL BE LABELED WITH LAMP TYPE BY MANUFACTURER.

PULL STATION—OPERATING HANDLE NOT MORE THAN 48" AFF

AV HORN/STROBE-80" AFF

STROBE-80" AFF

TAMPER SWITCH

(CO) CO DETECTOR

WATER FLOW SWITCH

DUCT SMOKE DETECTOR

REMOTE TEST STATION

B SPRINKLER BELL/STROBE

I INDIVIDUAL ADDRESSABLE MODULE

RM INDIVIDUAL ADDRESSABLE RELAY MODULE

PL POWER LOSS RELAY MODULE

HO DOOR HOLD OPEN

MR FIRE PUMP MOTOR RUNNING

LP LOSS OF PHASE

PR PHASE REVERSAL

AS FIRE PUMP ALTERNATE SOURCE

LT LOW TEMPERATURE

GAS DETECTION HORN/STROBE PROVIDE BOX AND 1/2" EMT UP TO S DIST AREA. MOUNT BOX AT 5' AFF.

WL WATER LEVEL LOWERED

WR WATER LEVEL RESTORED

P LOW PRESSURE

A HORN-80" AFF

Sequence of Operation - Sidewall Exhaust fan (SEF-1,2,3,4) shall be controlled by a wall switch located at the entrance door of the salt shed

Salt shed louvers shall have motorized dampers that interlock with the operation of the exhaust fans. The louvers shall open when the exhaust fans are energized and close when the fans are off.

SIDEWALL PROPELLER FANS Manufacturers: Greenheck, Penn, ACME or approved equal. Constructed of steel with angle iron reinforcing and motor support frame, die formed propeller blades with a welded reinforcing gusset on the backside for added rigidity, belt or drive drive as scheduled gravity operated counter balanced backdraft damper with blade edge and jamb seals, damper operator, birdscreen, and screened inlet/fan guard. Unless a special coating is scheduled, paint fans with a prime coat after metal cleaning and surface preparation; apply a second coat of paint to all exterior surfaces.

Category IV flu vent connection, condensing positive pressure, for both horizontal and sidewall venting. The vent outlet shall be compatible with, and used only with, Schedule 40 PVC or CPVC vent material.

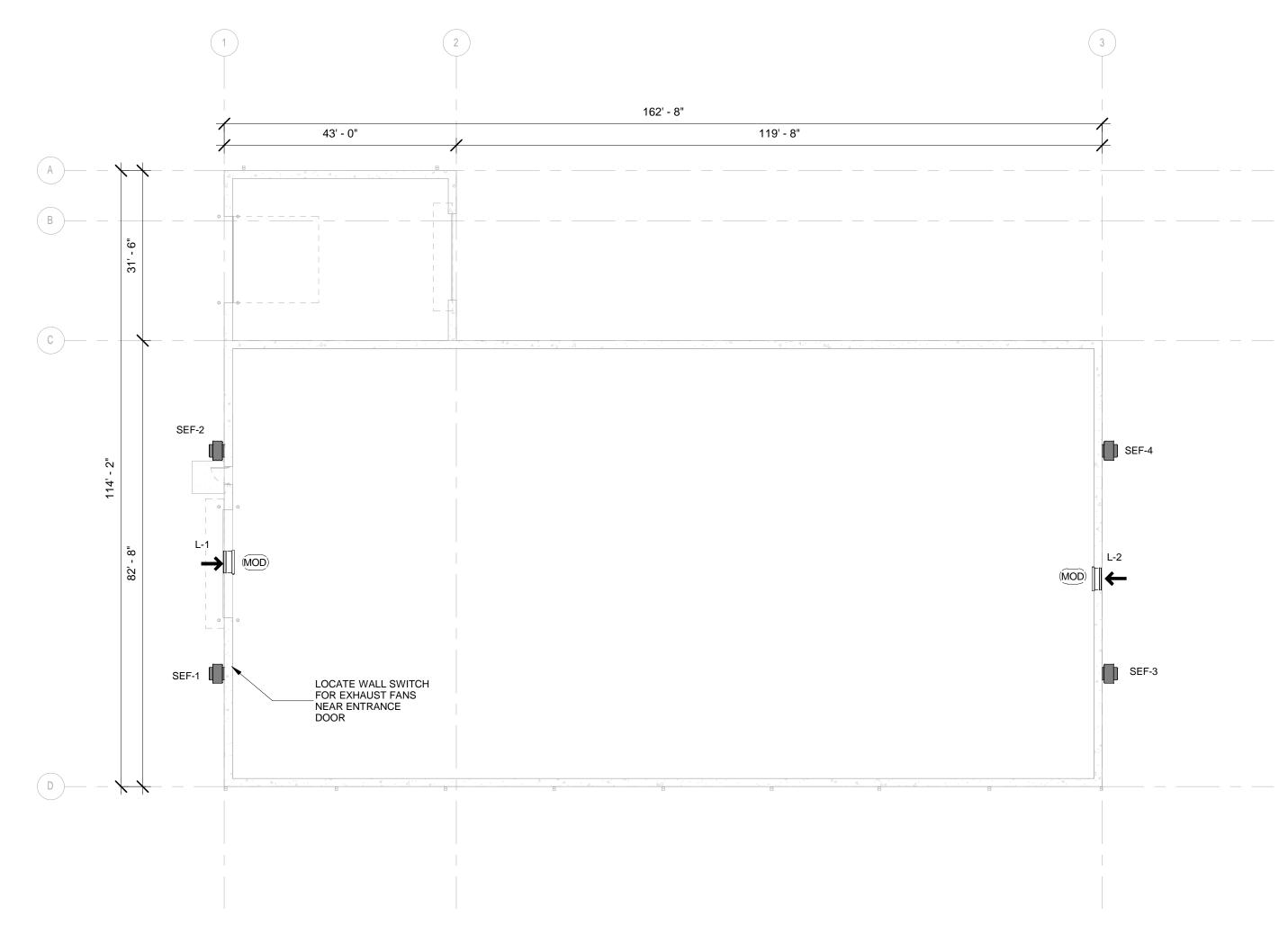
LOUVERS											
TAG	SERVES	FPM	PD "WG	CFM	HEIGHT	WIDTH	MODEL	MFG	NOTES		
L-1	SALT BLDG	740 FPM	0.09 in-wg	8000 CFM	60"	48"	ESD-603	GREENHECK	1,2,3		
L-2	SALT BLDG	740 FPM	0.09 in-wa	8000 CFM	60"	48"	ESD-603	GREENHECK	1.2.4		

NOTES:
1. PROVIDE STANDARD COLOR POWDER COAT FINISH SELECTED BY ARCHITECT
2. PROVIDE DAMPER AND ACTUATOR FOR INTERLOCK WITH EXHAUST FAN
3. PROVIDE 24V ACTUATOR AND INTERLOCK WITH OPERATION OF SEF-1&2
4. PROVIDE 24V ACTUATOR AND INTERLOCK WITH OPERATION OF SEF-3&4

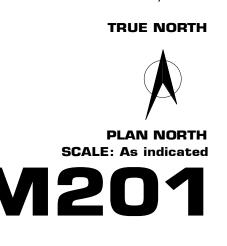
HVAC SYMBOLS AND ABBREVIATIONS MOD MOTOR OPERATED DAMPER

	SIDEWALL CENTRIFUGAL EXHAUST FAN SCHEDULE														
					MOTOR		E	LECTRIC	AL	WALL (PENING				
TAG	SERVES	AIRLFOW	TSP	HP	ВНР	RPM	V	PH	HZ	HEIGHT	WIDTH	MODEL	MFG	WEIGHT	NOTES
SEF-1	SALT SHED	4000 CFM	0.25 in-wg	0.50 hp	0.45 hp	1725	115 V	1	60 Hz	1' - 6"	1' - 6"	CWB-240-5	GREENHECK	137.20 lb	1,2,3
SEF-2	SALT SHED	4000 CFM	0.25 in-wg	0.50 hp	0.45 hp	1725	115 V	1	60 Hz	1' - 6"	1' - 6"	CWB-240-5	GREENHECK	137.20 lb	1,2,3
SEF-3	SALT SHED	4000 CFM	0.25 in-wg	0.50 hp	0.45 hp	1725	115 V	1	60 Hz	1' - 6"	1' - 6"	CWB-240-5	GREENHECK	137.20 lb	1,2,3
SEF-4	SALT SHED	4000 CFM	0.25 in-wg	0.50 hp	0.45 hp	1725	115 V	1	60 Hz	1' - 6"	1' - 6"	CWB-240-5	GREENHECK	137.20 lb	1,2,3

NOTES: 1. PROVIDE SIDEWALL MOUNTING PLATE 2. PROVIDE DISCONNECT 3. PROVIDE BACKDRAFT DAMPER







Salt Shed Mech Plan

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RFB 318008 Dane County - Salt Storage Shed

Town of Albion, Wisconsin 53534

July 3, 2018

PLAN NORTH
SCALE: As indicated