

#### Construction Bulletin # 08

Client: Abla Griffin Partnership

Project Name: Highland West JH STEM

Project Number: 2023-02792-00

May 20, 2024

Requested by:\_\_\_ Owner

\_\_\_ Contractor:

X Salas O'Brien:

To: Mike Abla, Clay Griffin, AGP

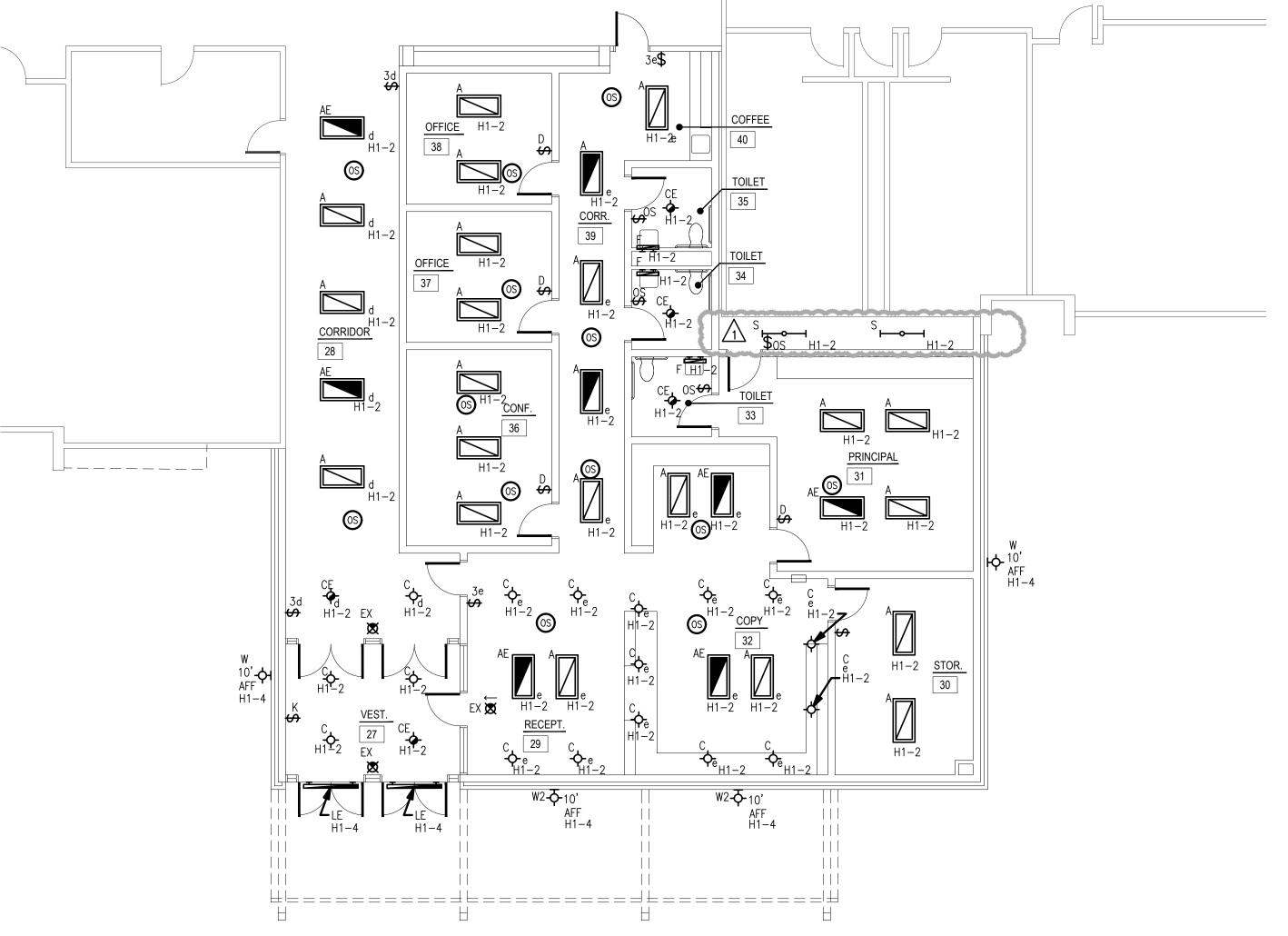


This Construction Bulletin is issued to:

I nis C	onstruction Bulletin is issued to:
	Offer additional information for clarification or supplemental drawings for layout
	assistance.
	Request cost and time impact to initiate a change to the Contract Documents. Owner
	approval is required, do not commence with revisions unless directed in writing. Avoid
	Work in areas that may be affected by proposed change until approved or rejected.
	Once approved, forward Change Order documentation as required by the Contract
	Documents.
	Direct a required change in the Contract Documents. Proceed with change(s) as
	indicated. Forward Change Order documentation as required by the Contract
	Documents.
Χ	Response to RFI 19

Item No.	Description	Attachment
1	Refer to drawings for changes shown in clouds and deltas.	E104
2	Refer to drawings for changes shown in clouds and deltas.	E202
3	Refer to drawings for changes shown in clouds and deltas.	E204
4	Refer to drawings for changes shown in clouds and deltas.	E601

#### **END OF CB-08**



1 ELECTRICAL LIGHTING PLAN - AREA D

SCALE: 1/8" = 1'-0"

# LIGHTING GENERAL NOTES

OCCUPANCY SENSOR LOCATIONS SHOWN ARE FOR DESIGN INTENT ONLY. LOCATE OCCUPANCY SENSORS PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

- COORDINATE EXACT LOCATIONS AND MOUNTING HEIGHTS OF LIGHT FIXTURES WITH HVAC EQUIPMENT AND OTHER DEVICES/EQUIPMENT.
- COORDINATE LIGHT SWITCHES WITH THERMOSTATS AND OTHER WALL MOUNTED DEVICES.
- PROVIDE RELAY CONTACTOR FOR EXTERIOR LIGHTING. RELAY SHALL INTERLOCK WITH THE NEAREST EXISTING LIGHTING CIRCUIT SUCH THAT THE EXISTING LIGHTING CONTROL SHALL CONTROL THE NEW EXTERIOR LIGHTING.



201 N. BROADWAY SUITE 210 MOORE, OK. 73160 405.735.3477 AGP@theAGP.net www.theAGP.net

CEDAR CREEK

KFC ENGINEERING

STRUCTURAL

SALAS O'BRIEN

MECHANICAL / ELECTRICAL



checked by JULY 2023

1 05/14/2024 CB 08

MOORE PUBLIC SCHOOLS **BOARD OF EDUCATION** MOORE, OKLAHOMA

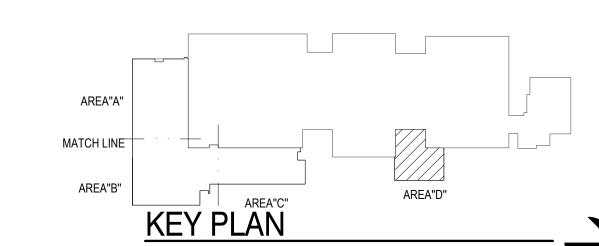


**CLASSROOM ADDITION** HIGHLAND WEST JUNIOR HIGH SCHOOL

sheet no:



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2600 Van Buren St., Suite 2635 Norman, OK 73072 Salas O'Brien Registration: CA# 7058 Expiration Date : 6/30/2025

Salas O'Brien Project Number: 2023-02792-00

L2-27 L2-39 MECH. / ELEC. L2-47 L2-45 L2-43 5 **₼** L2-53 **仂** L2−53 L2-30 8 L2−30 L2-53 F-9 L3-27 L2-8 **Q** L2-2 O L2-53 | L2-6 L2-56 F-5 L3-19 \$\tag{\psi} \quad \text{\$\psi\$} \quad \quad \text{\$\psi\$} \quad \text{\$\psi\$} \q\ext{\$\psi\$} \quad \text{\$\psi\$} \quad \text{\$\psi\$} \quad \text{\$\psi\$} \quad \text{\$ L2-12 L2-32 — 2 Φ Φ L2-10 L2-10 F-7 VESTIBULE
1 19 **₩** L2-12 1 **Q D** AREA AREA ② **Ф** Φ L2-20 L2-10 L2-10 ∕−L2−24 ∕−L2−24 8

**ELECTRICAL POWER PLAN - AREA B**SCALE: 1/8" = 1'-0"

MATCHLINE AREA A MATCHLINE AREA B

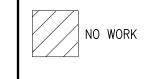


### **ROOF GENERAL NOTES**

- COORDINATE EXACT LOCATIONS OF DEVICES SHOWN WITH OTHER EQUIPMENT.
- COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE ALL RELAYS, CONNECTIONS, AND ALL DEVICES NECESSARY TO INTERLOCK EXHAUST FANS, DAMPERS, ETC WITH PROPER DEVICES.
- COORDINATE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.
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### **KEYED NOTES**

- 1) RECEPTACLE FOR SMART BOARD (BY OWNER) IN A RECESSED BACK BOX. REFER TO DETAIL 'E501/5' FOR ADDITIONAL INFORMATION.
- PROVIDE 120V DROP CORD RECEPTACLE FOR GENERAL USE. COORDINATE FINAL LOCATIONS AND REQUIREMENTS WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 'E501/9' FOR ADDITIONAL INFORMATION.
- PROVIDE 120V RECEPTACLES FOR FRIDGE & FREEZER. COORDINATE FINAL LOCATIONS AND REQUIREMENTS WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN. ADJUST CONNECTION AS REQUIRED FOR A COMPLETE INSTALLATION.
- 4 PROVIDE 120V RECEPTACLE FOR WATER COOLER. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH OWNER/ARCHITECT PRIOR TO ROUGH
- 5 PROVIDE 120V RECEPTACLE FOR WATER HEATER. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO
- 6 PROVIDE 120V CONNECTION FOR CIRCULATION PUMP. CP-1 SHALL SERVE BOTH WH-1 & WH-2. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- 7 PROVIDE 120V CONNECTION FOR TRAP PRIMER LOCATED ON WALL 4'-0" AFF. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.
- 8 APPROXIMATE LOCATION OF TEACHERS DESK. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. REFER TO DETAIL 'E501/5' FOR ADDITIONAL INFORMATION.
- 9 PROVIDE DEDICATED CIRCUIT CONNECTION FOR 3D PRINTER. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER/ARCHITECT PRIOR TO
- 10) PROVIDE 120V CONNECTION FOR TRAP PRIMER LOCATED ON WALL 7'-0" AFF. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN.





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drawn by TVO

checked by JULY 2023

1 04/16/2024 CB 07 2 05/14/2024 CB 08

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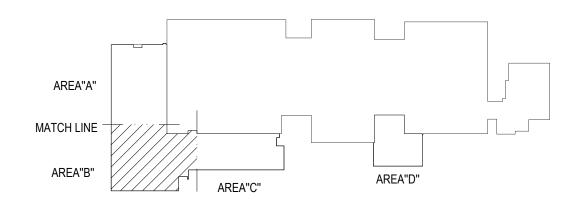


**CLASSROOM ADDITION** 

JUNIOR HIGH SCHOOL

HIGHLAND WEST

sheet no:



**KEY PLAN** 



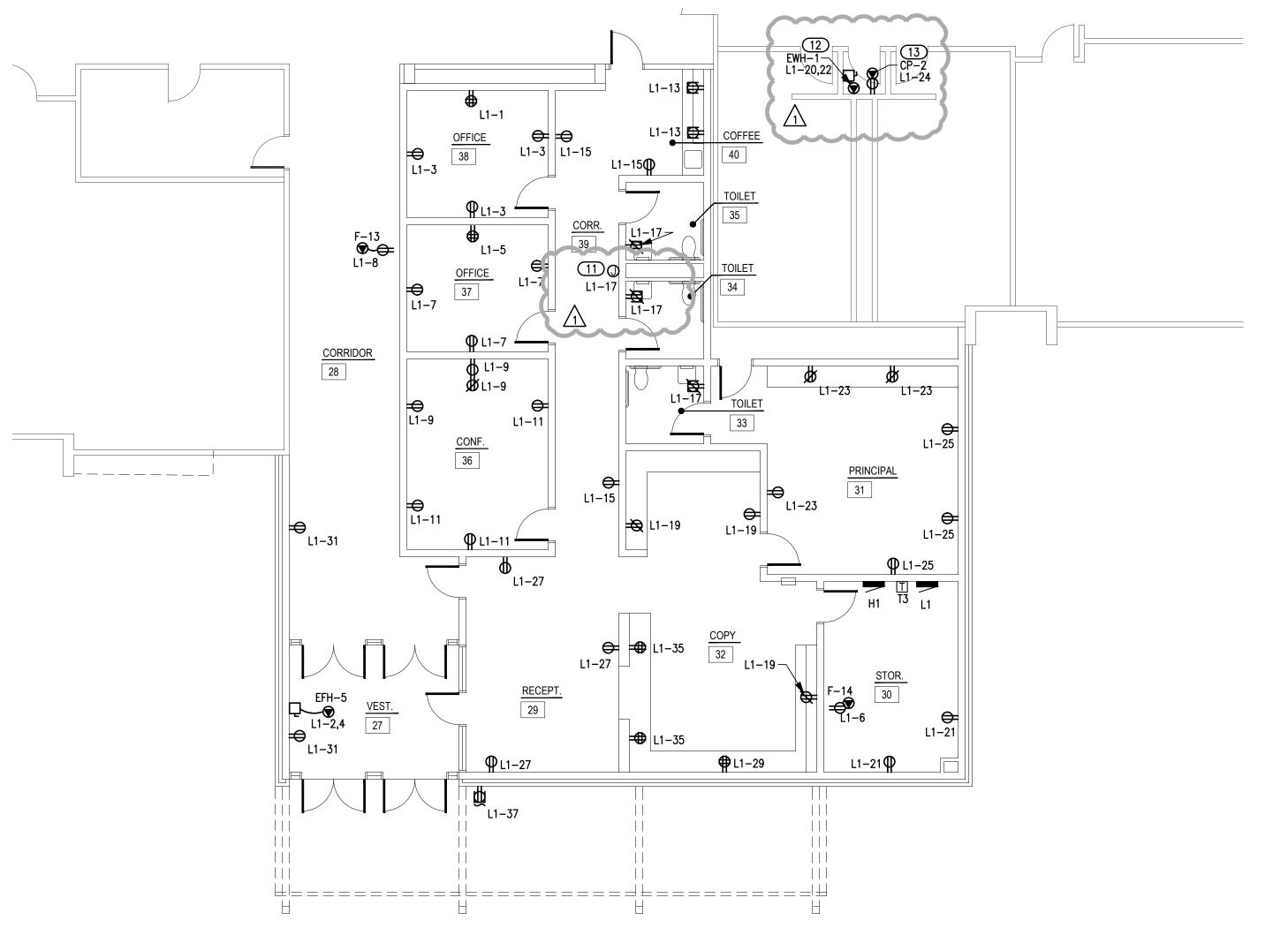
Salas O'Brien Project Number: 2023-02792-00

Salas O'Brien. 2600 Van Buren St., Suite 2635 Norman, OK 73072 Salas O'Brien Registration: CA# 7058 Expiration Date: 6/30/2025

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E202



1 ELECTRICAL POWER PLAN - AREA D

SCALE: 1/8" = 1'-0"



## POWER GENERAL NOTES

- COORDINATE EXACT LOCATIONS OF DEVICES SHOWN WITH OTHER EQUIPMENT. COORDINATE EXACT LOCATION OF CEILING MOUNTED DEVICES WITH LIGHTS, HVAC EQUIPMENT, AND OTHER DEVICES.
- COORDINATE WITH MECHANICAL CONTRACTOR AND PROVIDE ALL RELAYS, CONNECTIONS, AND ALL DEVICES NECESSARY TO INTERLOCK EXHAUST FANS, DAMPERS, ETC WITH PROPER CONTROL DEVICES.
- COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR.

## **KEYED NOTES**

- PROVIDE 120V CONNECTION FOR TRAP PRIMER LOCATED ABOVE GRID CEILING. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH—IN.
- PROVIDE 208V CONNECTION FOR ELECTRIC WATER HEATER. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH—IN.
- 13) PROVIDE 120V CONNECTION FOR CIRCULATION PUMP. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH PLUMBING CONTRACTOR PRIOR TO ROUGH—IN.



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drawn by TVO checked by JULY 2023

05/14/2024 CB 08

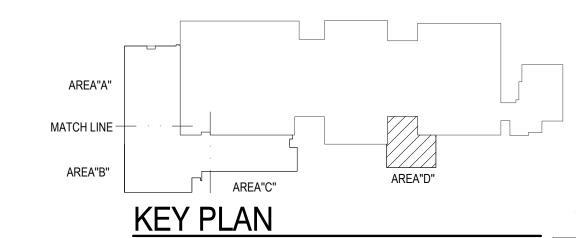
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**CLASSROOM ADDITION** 

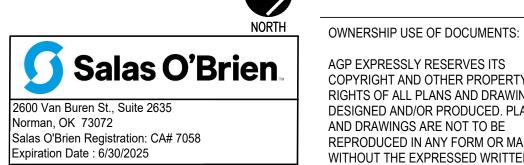
JUNIOR HIGH SCHOOL

HIGHLAND WEST



E204

sheet no:



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	MECHANICAL EC	QUIPMENT SCHEDULE										
	CALLOUT	DESCRIPTION	VOLTS	HP	KVA	MCA	MOCP	CIRCUIT	WIRE CALLOUT	DISCONNECT	DISC PROV BY	DISC INST BY
	CP-1	CIRCULATION PUMP	120V 1P 2W	1/6 HP	0.53	5.5	15	L3-51	3/4"C.1#12.#12N.#12G	DUPLEY RECEPTACLE	EC	EC.
	CP-2	CIRCULATION PUMP	120V 1P 2W	1/6 HP	0.53	5.5	15	L1-24	3/4"C,1#12,#12N,#12G	DUPLEX RECEPTACLE	EC	EC
) 	CU-T	CUNDENSING UNIT	208v 2P ZW		5.25	31.4	50	L3-2,4	J/4"C,2#8,#10G	NOW-FUSED	EC	EU
	CU-2	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-6,8	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-3	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-10,12	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-4	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-14,16	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-5	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-18,20	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-6	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-22,24	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-7	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-30,32	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-8	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-26,28	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-9	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-34,36	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-10	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-38,40	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-11	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-41,43	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-12	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L3-45,47	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-13	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L1-10,12	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	CU-14	CONDENSING UNIT	208V 2P 2W		5.23	31.4	50	L1-14,16	3/4"C,2#8,#10G	NON-FUSED	EC	EC
	EF-1	EXHAUST FAN	120V 1P 2W	F HP	0.1	0.6	15	L3-48	3/4"C,1#10,#10N,#10G	TOGGLE SWITCH	МС	EC
ļ	EF-2	EXHAUST FAN	120V 1P 2W	F HP	0.1	0.6	15	L1-18	3/4"C,1#10,#10N,#10G	TOGGLE SWITCH	MC	EC
	EF-3	EXHAUST FAN	120V 1P 2W	F HP	0.1	3.5	15	L2-63	3/4"C,1#12,#12N,#12G	TOGGLE SWITCH	MC	EC
	EFH-1	ELECTRIC FAN HEATER	208V 2P 2W		2	12	20	L3-5,7	3/4"C,2#10,#10G	NON-FUSED	MC	EC
	EFH-2	ELECTRIC FAN HEATER	208V 2P 2W		2	12	20	L3-23,25	3/4"C,2#10,#10G	NON-FUSED	МС	EC
	EFH-3	ELECTRIC FAN HEATER	208V 2P 2W		1.15	12	20	L3-15,17	3/4"C,2#10,#10G	NON-FUSED	MC	EC
	EFH-4	ELECTRIC FAN HEATER	208V 2P 2W		2	12	20	L3-37,39	3/4"C,2#10,#10G	NON-FUSED	MC	EC
	EFH-5	ELECTRIC FAN HEATER	208V 2P 2W		2	12	20	11-24	3/4"C,2#10.#10G	NON-FUSED	МС	EC
	EWH-1	ELECTRIC WATER HEATER	208/120V 2P 3W		4.58	27.5	30	L1-20,22	3/4"C,2#10,#10N,#10G	NON-FUSED	EC	EC
Ì	F-1	GAS FURNACE	T20V 1P 2W	F HP	0.1	1.03	15	Lo-1	3/4 c,1#10,#10N,#10G	UUPLEX KECEPIACLÉ	MC	EC
	F-2	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-3	3/4°C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-3	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-9	3/4°C,1#12,#12N,#12G	DUPLEX RECEPTACLE	MC	EC
	F-4	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-11	3/4"C,1#12,#12N,#12G	DUPLEX RECEPTACLE	МС	EC
	F-5	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-19	3/4°C,1#12,#12N,#12G	DUPLEX RECEPTACLE	МС	EC
	F-6	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-13	3/4°C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-7	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-21	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-8	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-31	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
$\ $	_F-9	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-27	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-10	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-33	3/4°C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-11	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-29	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-12	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L3-35	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-13	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L1-8	3/4"C,1#10,#10N,#10G	DUPLEX RECEPTACLE	MC	EC
	F-14	GAS FURNACE	120V 1P 2W	F HP	0.1	1.03	15	L1-6	3/4"C,1#12,#12N,#12G	DUPLEX RECEPTACLE	МС	EC
	WH-1	WATER HEATER	120V 1P 2W		0.24	2.5	20	L3-53	3/4"C,1#12,#12N,#12G	DUPLEX RECEPTACLE	EC	EC
	WH-2	WATER HEATER	120V 1P 2W		0.24	2.5	20	L3-49	3/4"C,1#12,#12N,#12G	DUPLEX RECEPTACLE	EC	EC

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		0.24	2.5	20	L3-49		3/4"C,1#12,	#12	∠N,#	126		DUPLEX	RECEP	IACLE	EC		EC
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PHASE C

Panel		MOUNTING SURFACE BU	DLTS 208Y/120V 3 US AMPS 225 UTRAL 100%	P 4W AIC 65,000 MAIN BKR 225 LUGS STANDARD	P	Panel		ROOM I MOUNTING FED FROM NOTE	SURFACE	VOLTS 2 BUS AMPS NEUTRAL	208Y/120V 225 100%	3P 4W	AIC 65,000 MAIN BKR LUGS STAND	225 ARD
CKT CKT # BKR	LOAD KVA	CIRCUIT DESCRIPTION	CKT CKT # BKR	LOAD   CIRCUIT DESCRIPTION	Ck	KT CKT BKF	LOAD KVA	CIRCUIT	DESCRIPTION	CK1  #	CKT BKR	LOAD KVA	CIRCUIT DESCRIPTION	ON
# BKR 1 20/1 3 20/1 5 20/1 7 20/1 9 20/1 11 20/1 13 20/1 15 20/1 17 20/1 19 20/1 21 20/1 23 20/1 25 20/1 27 20/1 29 20/1 31 20/1 33 20/1 35 20/1 37 20/1 39 20/1 41 20/1 43 20/1 45 20/1 47 20/1 49 20/1 51 20/1 53 20/1	KVA         0.54         0.72         0.54         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.72         0.36         0.36         0.54         1.26         0.72         0.72         0.72	ROOM 2 RCPT, SMART BOARD RCPT ROOM 2 RCPT DROP CORD RCPT ROOM 3 RCPT, SMART BOARD RCPT ROOM 3 RCPT ROOM 3 RCPT ROOM 3 DROP CORD RCPT ROOM 4 RCPT ROOM 4 RCPT ROOM 5 RCPT ROOM 6 RCPT ROOM 6 RCPT ROOM 6 RCPT ROOM 7 DROP CORD RCPT ROOM 7 RCPT ROOM 9 RCPT ROOM 9 RCPT ROOM 9 RCPT ROOM 10 RCPT ROOM 12 RCPT ROOM 13 RCPT	# BKR a 2 20/1 b 4 20/1 c 6 20/1 a 8 20/1 b 10 20/1 c 12 20/1 a 14 20/1 b 16 20/1 c 18 20/1 a 20 20/1 b 22 20/1 c 24 20/1 a 26 20/1 b 28 20/1 c 30 20/1 b 28 20/1 c 30 20/1 c 30 20/1 c 36 20/1 b 34 20/1 c 36 20/1 c 36 20/1 c 42 20/1 a 38 20/1 b 40 20/1 c 42 20/1 a 44 20/1 b 46 20/1 c 48 20/1 c 54 20/1 c 54 20/1	KVA         CIRCUIT DESCRIPTION           0.72         ROOM 13 RCPT, SMART BOOM           0.36         ROOM 13 RCPT           0.54         ROOM 14 RCPT           0.54         ROOM 14 RCPT, SMART BOOM           0.72         ROOM 15 DROP CORD RCP           0.72         ROOM 15 RCPT           0.54         ROOM 15 RCPT           0.72         ROOM 15 RCPT           0.72         ROOM 17 DROP CORD RCP           0.72         ROOM 17 RCPT           0.72         ROOM 17 RCPT           0.54         ROOM 17 RCPT           0.54         ROOM 18 RCPT, ROOM 19           0.36         ROOM 14 RCPT           0.72         ROOM 22 RCPT           0.54         ROOM 22 RCPT           0.54         ROOM 22 RCPT           0.54         ROOM 23 RCPT           0.54         ROOM 23 RCPT           0.54         ROOM 23 RCPT           0.54         ROOM 24 RCPT           0.54         ROOM 24 RCPT           0.54         ROOM 25 RCPT	# DARD RCPT   1   3   5   5   7   7   7   9   11   13   15   17   19   17   19   17   19   17   19   19	BKF   15/	R KVA (1 0.1 (1 0.1 (2 2 (1 0.1 (1 0.1 (1 0.1 (1 0.1 (1 0.1 (2 1.15 (1 0.1 (1 0	F-1 F-2 EFH-1 F-3 F-4 F-6 EFH-3 F-5 F-7 EFH-2 F-9 F-11 F-8 F-10 F-12 EFH-4 CU-11 CU-12 WH-2 CP-1 WH-1	DESCRIPTION	a 2 b 4 c 6 a 8 b 10 c 12 a 14 b 16 c 18 a 20 b 22 c 24 a 26 b 28 c 30 a 32 b 34 c 36 a 38 b 40 c 42 a 44 b 46 c 48 a 50 b 52 c 54	BKR   50/2     50/2     50/2     50/2     50/2     50/2     50/2     50/2     50/2     50/2     50/2     20/1	LOAD KVA  5.23  5.23  5.23  5.23  5.23  5.23  5.23  5.23  5.23  5.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23  6.23	CU-1 CU-2 CU-3 CU-4 CU-5 CU-6 CU-8 CU-7 CU-9 CU-10 TRAP PRIMER TRAP PRIMER TRAP PRIMER TRAP PRIMER EF-1 SPACE SPACE SPACE	DN
55   20/1 57   20/1 59   20/1 61   20/1 63   15/1 65   20/1 67   20/1 69   20/1 71   20/1	0.5 0.72 0.54 0.54 0.1 0 0	PRINTER ROOM 15 RCPT EXTERIOR RCPT ROOF RCPT EF-3 SPACE SPACE SPACE SPACE SPACE SPACE CONN KVA CALC KVA	t 58 20/1 c 60 20/1	0.54 ROOM 20,21 RCPT 0.36 ROOM 12 RCPT 0.36 IT RCPT 0.18 IT RCPT 0 SPACE 0 SPACE 0 SPACE 0 SPACE 0 SPACE 0 SPACE CALC KVA		7   20/ 9   20/ 1   20/ 3   20/	/1 0 //1 0 //1 0 //1 0 //1 0 //1 T MOTOR	SPACE SPACE SPACE SPACE SPACE CONN KVA 5.23 2.31	CALC KVA  1.31 (25) 2.31 (100)	c 60 a 62 b 64 %) RECE 0%) HEAT COOL	20/1 20/1 20/1 20/1 EPTACLES TING LING	0 0 0 0 0 1.98 7.14 62.7	62.7	(50%>10) (0%) (100%)
LIGHTING RECEPTACI	ES	0.1 0.125 (125%) 38.3 24.1 (50%>10)	TOTAL LOAD  BALANCED 3—PHAS  PHASE A  PHASE B  PHASE C	24.3 SE LOAD 67.3 A 109% 97.9% 92.6%						BALA PHA PHA	IL LOAD INCED 3—PH ISE A ISE B ISE C	IASE LOAD	68.3 190 A 101% 98% 101%	

Par	nel 1		ROOM S MOUNTING FED FROM		CE B	OLTS US A EUTR	MPS	08Y/120V 125 100%	3P 4W	M	C 65,000 AIN BKR JGS STAN	125 IDARD	
	'		NOTE										
CKT #	CKT BKR	LOAD KVA	CIRCUIT	DESCRIPTIO	N		CKT #	CKT BKR	LOAD KVA	CIRCUI	T DESCRIP	TION	
1	20/1	0.36	ROOM 38	RCPT		а	2	20/2	2	EFH-5			
3	20/1	0.54	ROOM 38	RCPT		b	4	ĺí					
5	20/1	0.36	ROOM 37	RCPT		С	6	15/1	0.1	F-14			İ
7	20/1	0.54	ROOM 37	RCPT		а	8	15/1	0.1	F-13			İ
9	20/1	0.54	ROOM 36	RCPT		b	10	50/2	5.23	CU-13			İ
11	20/1	0.54	ROOM 36	RCPT		С	12	ĺí		İ			İ
13	20/1	0.36	ROOM 40	RCPT		а	14	50/2	5.23	CU-14			
15	20/1	0.54	ROOM 39	,40 RCPT		b	16	ĺí		<u> </u>			
17	20/1	0.72			33,34,35 RCPT		18	15/1	0.1	FF 2			
19	20/1	0.54	ROOM 32	RCPT		a	20	30/2	4.58	EWH-1			
21	20/1	0.36	ROOM 30	RCPT		b	22	lí		İ			$\triangle$
23	20/1	0.54	ROOM 31	RCPT		C	24	15/1	0.528	CP-2			72
25	20/1	0.54	ROOM 31	RCPT		a	26	20/1	0	,  SPACE			
27	20/1	0.54	RECEPTA	CLE, ROOM	29 RCPT	b	28	20/1	0	SPACE			
29	20/1	0.36	ROOM 32	RCPT		С	30	20/1	0	SPACE			
31	20/1	0.36	ROOM 27	,28 RCPT		a	32	20/1	0	SPACE			
33	20/1	0	SPACE			b	34	20/1	0	SPACE			
35	20/1	0.72	ROOM 32	RCPT		С	36	20/1	0	SPACE			
37	20/1	0.18	EXTERIOR	RCPT		a	38	20/1	0	SPACE			
39	20/1	0.18	ROOF RC	PT		b	40	20/1	0	SPACE			
41	20/1	0	SPACE			С	42	20/1	0	SPACE			
	1	(	CONN KVA	CALC KVA				1	CONI	N KVA	CALC KVA		
Ι ΔΙ	RGEST MOTOF		5.23	1.31	- (25%)		RECE	PTACLES	8.82		8.82	- (50%>10)	
	NGEST MOTOR		5.4	5.4	(100%)		HEATI		2		0.02	(0%)	
""	710110			0.1	(10070)		COOL		10.5		10.5	(100%)	
									1-			•	
								LOAD	IACE I DAD		26		
							PHAS	NCED 3—PH Se a	IASE LUAD		72.1 A 103%		
							PHAS				123%		
							PHAS	SE C			73.3%		

Г	Pan	u al		ROOM	STORAGE		VOLTS		80Y/277V	3D AW		AIC 65,0	200	
	ruii	iei		MOUNTING		FACE	BUS A		125	JF 4W		MAIN BKR		$\cap$
	-	1		FED FROM			NEUTR		100%				TANDAF	
	1 1	ı		NOTE					10070		_		.,	,,,
C #	KT	CKT BKR	LOAD KVA	CIRCUIT	DESCRIP <sup>*</sup>	TION		CKT #	CKT BKR	LOAD KVA	CIRCU	JIT DESCR	RIPTION	I
	1	50/3	26.7	XFMR T3			a	2	20/1	1.67	LIGHTI	ING		
,	3						b	4	20/1	0.208	LIGHTI	ING		
	5						С	6	20/1	0	SPACE	=		
-	7	20/1	0	SPACE			a	8	20/1	0	SPACE	Ξ		
(	9	20/1	0	SPACE			b	10	20/1	0	SPACE	Ē		
1		20/1	0	SPACE			c	1	20/1	0	SPACE	Ξ		
	3	20/1	0	SPACE			a	1	20/1	0	SPACE			
	5	20/1	0	SPACE			b	16	20/1	0	SPACE	Ξ		
1	7	20/1	0	SPACE			С	•	20/1	0	SPACE	Ξ		
	9	20/1	0	SPACE			a	1	20/1	0	SPACE	Ξ		
	21	20/1	0	SPACE			b		20/1	0	SPACE	Ξ		
	23	20/1	0	SPACE			С		20/1	0	SPACE	Ξ		
	25	20/1	0	SPACE			a		20/1	0	SPACE	Ξ		
	27	20/1	0	SPACE			b		20/1	0	SPACE	Ξ		
	9	20/1	0	SPACE			С	1	20/1	0	SPACE	Ξ		
	31	20/1	0	SPACE			a	II.	20/1	0	SPACE	Ξ		
	3	20/1	0	SPACE			b		20/1	0	SPACE	Ξ		
	5	20/1	0	SPACE			С	1	20/1	0	SPACE	Ξ		
	57	20/1	0	SPACE			a	38	20/1	0	SPACE	Ξ		
	9	20/1	0	SPACE			b	40	20/1	0	SPACE	Ξ		
2	11	20/1	0	SPACE			С	42	20/1	0	SPACE	=		
				CONN KVA	CALC K	VA				CON	N KVA	CALC K	VA	
	LIC	HTING		1.88	2.35	— (125%)		RECE	PTACLES	8.82	,	8.82		50%>10)
		RGEST MOT	OR	5.23	1.31	(25%)		HEATI		2	•	0.02		0%/10)
		TORS		5.4	5.4	(100%)		COOL		10.5		10.5		100%)
								TOTAI	LOAD			28.3		
									NCED 3-PH	HASE LOAD		34.1 A		
								PHAS	SE A			113%		
								PHAS	SE B SE C			118% 68.9%		



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CEDAR CREEK

KFC ENGINEERING

STRUCTURAL

SALAS O'BRIEN

MECHANICAL / ELECTRICAL



TVO
checked by

JULY 2023 date

04/16/2024 CB 07 2 05/14/2024 CB 08

MOORE PUBLIC SCHOOLS BOARD OF EDUCATION MOORE, OKLAHOMA



CLASSROOM ADDITION HIGHLAND WEST JUNIOR HIGH SCHOOL

sheet no:

E601



Salas O'Brien Project Number: 2023-02792-00

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