SALAS O'BRIEN
expect a difference

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ADDENDUM NO. 1

June 1, 2022

Project: Beaumont ISD – Pathways Learning Center Water Intrusion and Roof Repairs

Prepared by: Salas O'Brien Engineers
10930 W. Sam Houston Parkway N., Suite 900
Houston, Texas 77064

SOBE Project No.: 017-2022-00551-00

Prepared For: Prospective Proposers

Bradley Kalmans
STATE OF TEXAS
BRADLEY KALMANS
80219
LICENSED
PROFESSIONAL ENGINEER
06/01/2022

PART A: NOTICE TO PROPOSERS

1. Receipt of this Addendum shall be acknowledged on the Proposal Form. Failure to do so may subject Proposers to disqualification. Each Proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarifications, and supplemental data included therein.

2. This Addendum forms part of the Contract Documents and shall be incorporated integrally therewith. Where provisions of the following supplemental data differ from those of previously issued documents, this Addendum shall govern.

3. The following Contract Documents have been issued to date delineating the Work (Project). Contract Documents dated: **April 15, 2022**

4. This Addendum consists of 2 typewritten pages and 3 pages of attachments for a total of 5 pages.

PART B: CHANGES TO PRIOR ADDENDUM
"Any changes to prior issued addendum materials are listed here."
1. None

PART C: CHANGES TO THE PROJECT MANUAL
"Any changes to specifications are listed here."
1. None

PART D: CHANGES TO THE DRAWINGS
1. None

PART E: RE-ISSUED DRAWING SHEET *(30" x 42")*
"Insert the following sheets and omit the previously issued sheets of the same number."
1. E0.01 – ELECTRICAL DEMOLITION FLOOR PLAN
   a. Add keynote 4 symbol next to panel 'LDPA'.
   b. Add keynote 4 that reads "DISCONNECT & REMOVE EXISTING DISTRIBUTION PANEL 'LDPA'. KEEP ALL EXISTING CONDUITS & CONDUCTORS IN PLACE.
2. E1.01 – ELECTRICAL FLOOR PLAN
   a. Add keynote 5 symbol next to panel 'LDPA'.
   b. Add keynote 5 that reads "NEW PANEL 'LPDA' TO REPLACE EXISTING IN SAME LOCATION. RECONNECT NEW PANEL USING EXISTING FEEDERS' CONDUITS & CONDUCTORS."

3. E4.01 – ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES
   a. Add boxed note that reads “CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY CONFLICTS BETWEEN EXISTING CONDITIONS & ONE-LINE DIAGRAM SHOWN PRIOR TO COMMENCEMNT OF WORK.”
   b. Add new distribution panel ‘LDPA’ to One-Line Diagram.
   c. Add short circuit analysis to One-Line Diagram.
   d. Add panel ‘LDPA’ load analysis to One-Line Diagram.

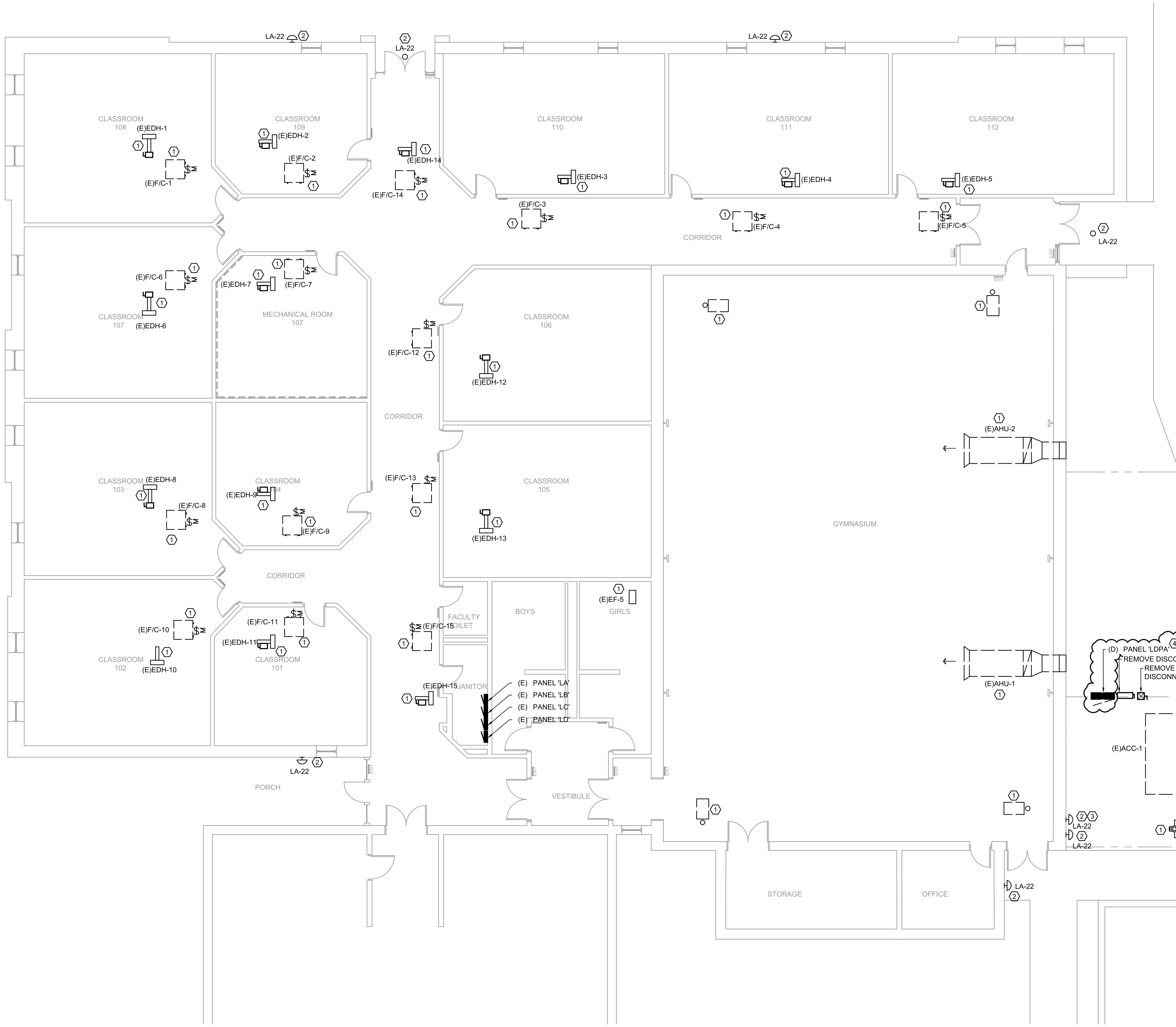
PART F: **NEW DRAWINGS SHEETS** *(30” x 42”)*

1. None

PART G: **QUESTIONS/CLARIFICATIONS**

1. None

END OF ADDENDUM



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1 **ELECTRICAL DEMOLITION FLOOR PLAN**
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. REMOVE EXISTING WORK AS CALLED FOR ON THE DRAWINGS OR AS REQUIRED TO CLEAR THE AREAS OF NEW CONSTRUCTION.
2. ALL EQUIPMENT REMOVED THAT IS NOT BEING REUSED SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE STORED OR LEGALLY DISPOSE OF AS DIRECTED BY THE OWNER.
3. EXCEPT AS OTHERWISE NOTED, ALL EXISTING ELECTRICAL WORK WHICH WILL NOT BE RENDERED OBSOLETE & WHICH MAY BE DISTURBED DUE TO ANY CHANGES REQUIRED UNDER THIS CONTRACT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION. OTHER ELECTRICAL WORK OR MATERIAL RENDERED OBSOLETE SHALL BE ABANDONED WHERE CONCEALED AND REMOVED WHERE EXPOSED. OLD UNUSED WIRING AND DEVICES SHALL BE REMOVED FROM THE ABANDONED CONDUITS. OUTLETS NOT USED SHALL BE PROVIDED WITH BLANK COVERS. ANY CONDUITS STUBBED OUT OF MASONRY SURFACE SHALL BE CUT INTO SURFACE AND MASONRY PATCHED.
4. WHERE EXISTING ELECTRICAL WORK INTERFERES WITH NEW WORK AND WHERE SUCH EXISTING INSTALLATIONS ARE TO REMAIN IN USE, THE EXISTING INSTALLATIONS SHALL BE DISCONNECTED AND RELOCATED AND/OR RECONNECTED TO COORDINATE WITH THE WORK INDICATED ON THE CONTRACT DRAWINGS.
5. WHERE EXISTING RACEWAYS THAT ARE NOT TO BE REUSED INTERFERE WITH NEW WORK, THESE RACEWAYS SHALL BE REMOVED BACK TO THE NEAREST JUNCTION BOX OR PULL BOX AND THE OPENINGS BLANKED.
6. WHERE EXISTING RACEWAYS THAT ARE NOT TO BE REUSED INTERFERE WITH NEW WORK, THESE RACEWAYS SHALL BE REMOVED BACK TO THE NEAREST JUNCTION BOX OR PULL BOX AND THE OPENINGS BLANKED.
7. EXISTING RACEWAYS AND/OR WIRING MAY BE REUSED WHERE PRACTICABLE EXCEPT AS OTHERWISE INDICATED. PANEL BOARD CABINETS SHALL NOT BE RE-USED AND SHALL NOT BE USED AS JUNCTION OR PULL BOXES.
8. CONTRACTOR SHALL MAINTAIN CONTINUITY OF BRANCH CIRCUITS SERVING MULTIPLE ITEMS OF WHICH ONE OR MORE ARE BEING DEMOLISHED. CONDUCTORS AND CONDUITS FOR THOSE ITEMS BEING DEMOLISHED SHALL BE REMOVED BACK TO SOURCE TO REMAIN.
9. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT NOT REUSED OR NOT NECESSARY FOR THE COMPLETION OF THIS PROJECT.
10. IF ANY BRANCH CIRCUIT WIRING FEEDING EQUIPMENT TO REMAIN IN PLACE FOR REUSE IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL REPLACE WITH NEW BRANCH CIRCUIT WIRING OF THE SAME SIZE AND TYPE AS EXISTING.
11. EXISTING DEVICES ARE SHOWN USING STANDARD SYMBOLS. CONDUIT AND WIRING ARE NOT GENERALLY SHOWN AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. ALL EXISTING WIRING DEVICES AND COVER PLATES WITHIN THE AREA OF CONSTRUCTION AND SHOWN TO REMAIN IN OPERATION SHALL BE REPLACED WITH NEW MATERIALS WHICH MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
13. COORDINATE THE REMOVAL AND REINSTALLATION (OR PROTECTION IN PLACE) OR EXISTING ELECTRICAL EQUIPMENT AND DEVICES WITH THE WORK OF OTHER TRADES TO REPLACE OR REFINISH EXISTING WALLS, FLOORS AND CEILINGS.
14. WHERE EXISTING CIRCUITS ARE BEING REMOVED/ADDED, PROVIDE A NEW NEATLY TYPED DIRECTORY WHICH INDICATES WHERE "SPARE" BREAKERS ARE LOCATED AND IDENTIFIES ALL OTHER CIRCUITS DESIGNATIONS AND USE.

DEMOLITION KEYED NOTES:

1. DISCONNECT & REMOVE EXISTING EQUIPMENT DISCONNECT WITH ALL ASSOCIATED CONDUITS & CONDUCTORS ALL THE WAY BACK TO SOURCE. ABANDON EMBEDDED/UNDERGROUND CONDUITS IN PLACE.
2. DISCONNECT & REMOVE LIGHTING FIXTURE WITH ASSOCIATED PHOTOCELL (WHERE OCCURS). KEEP EXISTING CONDUITS & CONDUCTORS IN PLACE & MAKE SAFE FOR CONNECTION OF NEW FIXTURE.
3. REMOVE EXISTING MOUNTING BRACKET.
4. DISCONNECT & REMOVE EXISTING DISTRIBUTION PANEL 'LDPA'. KEEP ALL EXISTING CONDUITS & CONDUCTORS IN PLACE.

WORK SHOWN AS A PART OF THE PROJECT WILL REQUIRE CEILING TILE AND CEILING GRID WORK. ALL SUCH WORK SHALL BE INCLUDED IN THE CONTRACTORS PROPOSAL. THIS WORK SHALL BE PERFORMED WITHOUT ANY IMPACT TO THE CONSTRUCTION SCHEDULE AND/OR ADDITIONAL COST.

CONTRACTOR SHALL REMOVE CEILING TILES AND CEILING GRID ONLY WHERE ABSOLUTELY REQUIRED TO COMPLETE THE INDICATED SCOPE OF WORK. CONTRACTOR SHALL STORE AND PROTECT ANY CEILING TILES AND CEILING GRID DURING CONSTRUCTION AND REINSTALL AFTER ABOVE CEILING WORK IS COMPLETED. DAMAGED CEILING TILES AND/OR CEILING GRID SHALL BE REPLACED TO MATCH CONDITIONS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE ALL CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION.

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LICENSED PROFESSIONAL ENGINEER
06-01-2022

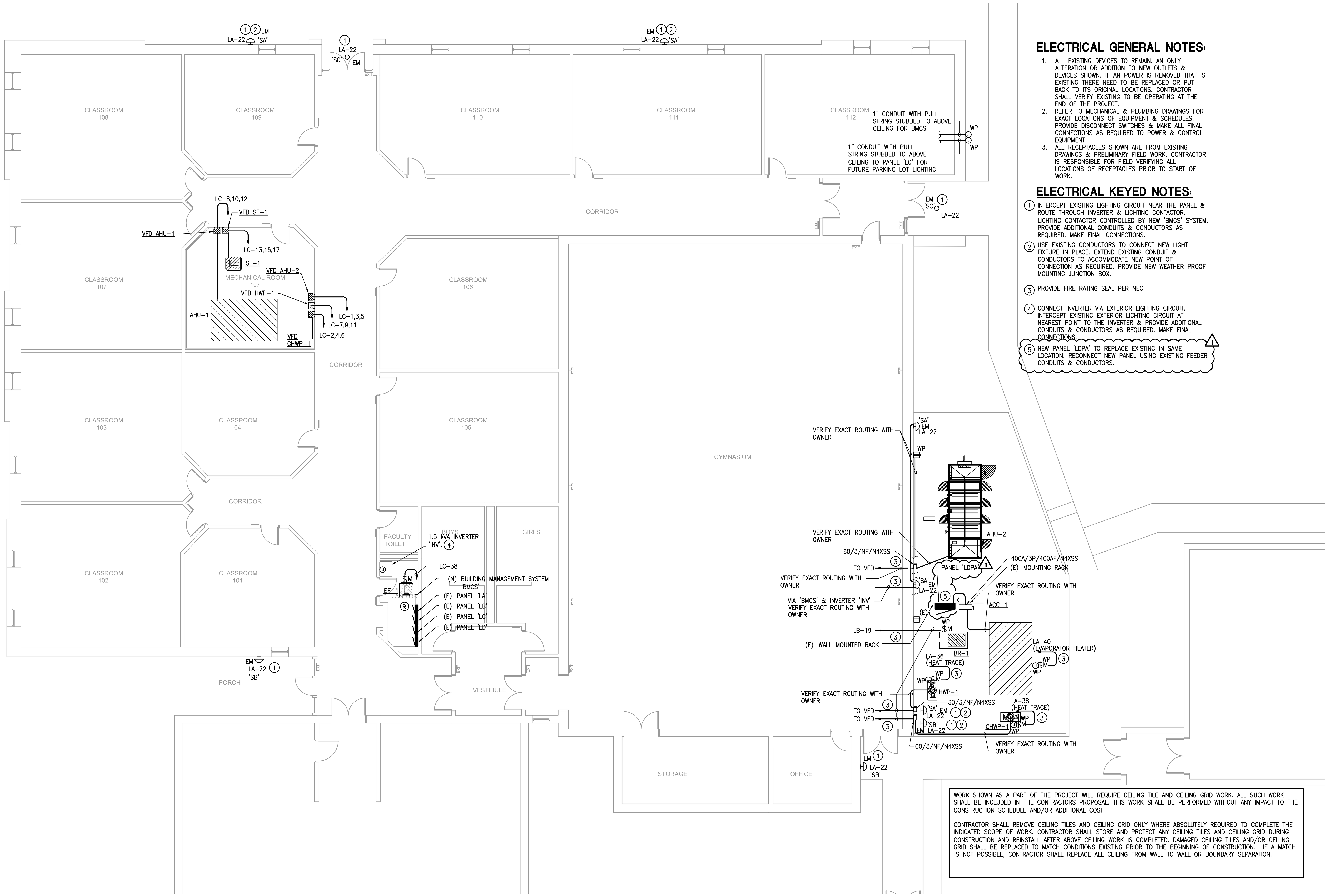
PATHWAYS LEARNING CENTER WATER INTRUSION AND ROOF REPAIRS
Beaumont Independent School District
2300 Victoria Street
Beaumont, TX 77701

ISSUED FOR
100% REVIEW: X
DATE: 04/07/2022
ISSUE FOR BID: X
DATE: 04/15/2022
REVISION:
DATE: 06/01/2022
ADDENDUM 1
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
ELECTRICAL DEMOLITION FLOOR PLAN

SALAS O'BRIEN
expect a difference
10930 W. Sam Houston Parkway N., Suite 900
Houston, Texas 77064
281.664.1900 | Registration No. F-4111
2022-00551

SHEET NUMBER
E 0.01
22004
PROJECT NUMBER



ELECTRICAL GENERAL NOTES:

1. ALL EXISTING DEVICES TO REMAIN. AN ONLY ALTERATION OR ADDITION TO NEW OUTLETS & DEVICES SHOWN. IF AN POWER IS REMOVED THAT IS EXISTING THERE NEED TO BE REPLACED OR PUT BACK TO ITS ORIGINAL LOCATIONS. CONTRACTOR SHALL VERIFY EXISTING TO BE OPERATING AT THE END OF THE PROJECT.
2. REFER TO MECHANICAL & PLUMBING DRAWINGS FOR EXACT LOCATIONS OF EQUIPMENT & SCHEDULES. PROVIDE DISCONNECT SWITCHES & MAKE ALL FINAL CONNECTIONS AS REQUIRED TO POWER & CONTROL EQUIPMENT.
3. ALL RECEPTACLES SHOWN ARE FROM EXISTING DRAWINGS & PRELIMINARY FIELD WORK. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL LOCATIONS OF RECEPTACLES PRIOR TO START OF WORK.

ELECTRICAL KEYED NOTES:

1. INTERCEPT EXISTING LIGHTING CIRCUIT NEAR THE PANEL & ROUTE THROUGH INVERTER & LIGHTING CONTACTOR. LIGHTING CONTACTOR CONTROLLED BY NEW 'BMCS' SYSTEM. PROVIDE ADDITIONAL CONDUITS & CONDUCTORS AS REQUIRED. MAKE FINAL CONNECTIONS.
2. USE EXISTING CONDUCTORS TO CONNECT NEW LIGHT FIXTURE IN PLACE. EXTEND EXISTING CONDUIT & CONDUCTORS TO ACCOMMODATE NEW POINT OF CONNECTION AS REQUIRED. PROVIDE NEW WEATHER PROOF MOUNTING JUNCTION BOX.
3. PROVIDE FIRE RATING SEAL PER NEC.
4. CONNECT INVERTER VIA EXTERIOR LIGHTING CIRCUIT. INTERCEPT EXISTING EXTERIOR LIGHTING CIRCUIT AT NEAREST POINT TO THE INVERTER & PROVIDE ADDITIONAL CONDUITS & CONDUCTORS AS REQUIRED. MAKE FINAL CONNECTIONS.
5. NEW PANEL 'LDPA' TO REPLACE EXISTING IN SAME LOCATION. RECONNECT NEW PANEL USING EXISTING FEEDER CONDUITS & CONDUCTORS.

1

WORK SHOWN AS A PART OF THE PROJECT WILL REQUIRE CEILING TILE AND CEILING GRID WORK. ALL SUCH WORK SHALL BE INCLUDED IN THE CONTRACTORS PROPOSAL. THIS WORK SHALL BE PERFORMED WITHOUT ANY IMPACT TO THE CONSTRUCTION SCHEDULE AND/OR ADDITIONAL COST.

CONTRACTOR SHALL REMOVE CEILING TILES AND CEILING GRID ONLY WHERE ABSOLUTELY REQUIRED TO COMPLETE THE INDICATED SCOPE OF WORK. CONTRACTOR SHALL STORE AND PROTECT ANY CEILING TILES AND CEILING GRID DURING CONSTRUCTION AND REINSTALL AFTER ABOVE CEILING WORK IS COMPLETED. DAMAGED CEILING TILES AND/OR CEILING GRID SHALL BE REPLACED TO MATCH CONDITIONS EXISTING PRIOR TO THE BEGINNING OF CONSTRUCTION. IF A MATCH IS NOT POSSIBLE, CONTRACTOR SHALL REPLACE ALL CEILING FROM WALL TO WALL OR BOUNDARY SEPARATION.

N

1 **ELECTRICAL FLOOR PLAN**

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

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DRAWINGS SHEET TITLE
ELECTRICAL FLOOR PLAN

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10930 W. Sam Houston Parkway N., Suite 900
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2022-00551

SHEET NUMBER
E 1.01

22004
PROJECT NUMBER

PANELBOARD SCHEDULE — LC (E)

VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC RATING	MOUNTING	LOCATION	NEMA ENCLOSURE
120 208	3	4		400	-	-	-	-

LOAD TYPE LEGEND				REMARKS
L	LIGHTING/CONT-LD	K	KITCHEN EQUIP	PROVIDE EQUIPMENT GROUNDING BUS AND FEED THRU AND/OR SUB FEED LUGS
R	RECEPTACLES	E	EXISTING	PROVIDE (2) SECTIONS PANEL EACH SECTION IS 42 POLES
M	MECHANICAL EQUIP	O	OTHER/MISC	

CKT #	LOAD DESCRIPTION	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	CIRCUIT BREAKER TRIP	P	LOAD (VA)	PHASE	LOAD (VA)	P	TRIP	CONDUIT SIZE	WIRE SIZE	LOAD TYPE	LOAD DESCRIPTION	CKT #
1		M				3	3050	A	3050	3				M		2
3	**AHU-2**	M	#8	3/4"	40A		3050	B	3050		40A	3/4"	#8	M	**CHWP-1**	4
5		M			NEW		3050	C	3050		NEW			M		6
7		M				3	945	A	5820	3				M		8
9	**HWP-1**	M	#12	3/4"	15A		945	B	5820		100A	1 1/4"	#2	M	**AHU-1**	10
11		M			NEW		945	C	5820		NEW			M		12
13						3	582	A	0	3						14
15	**SF-1**		#12	3/4"	15A		582	B	0		30A				SPARE	16
17					NEW		582	C	0							18
19						3	0	A	0	3						20
21	**SPARE**				30A		0	B	0		30A				**SPARE**	22
23							0	C	0							24
25						1	0	A	0	2	30A				**SPARE**	26
27	**SPARE**					1	0	B	0							28
29						1	0	C	0	2	30A				**SPARE**	30
31	**SPARE**					1	0	A	0							32
33						1	0	B	0	2	20A				**SPARE**	34
35	**SPARE**					1	0	C	0							36
37						1	0	A	864	1	20A	3/4"	#12		**EF-1**	38
39						1	0	B	0	1	20A				SPARE	40
41						1	0	C	0		20A				SPACE	42

	A	B	C	TOTAL
CONNECTED LOAD ABOVE (VA)	14311	13447	13447	41205
CONNECTED AMPACITY ABOVE (A)	119.26	112.06	112.06	

LOAD TYPE	CONN. LD(VA)	SUBPANELS (VA) PNL	PNL	PNL	PNL	CONN. LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	
LIGHTING/CONT-LD	0	-	-	-	-	0	125%	0	
RECEPTACLES	0	-	-	-	-	0	*	0	
MECHANICAL EQU	38595	-	-	-	-	38595	100%	38595	
KITCHEN EQUIP	0	-	-	-	-	0	100%	0	
#OF KITCHEN EQU	0	-	-	-	-	0		**	
EXISTING	0	-	-	-	-	0	125%	0	
OTHER/MISC	0	-	-	-	-	0	100%	0	
TOTAL CONNECTED (VA)						38595		38595	SIZING TOTAL (VA) PER NEC
CONNECTED AMPACITY (A)						107.13		107.13	SIZING AMPACITY (A) PER NEC

NOTES
* 1ST 10KVA @ 100%, REMAINING @ 50%
** SIZE PER NEC TABLE 220.56
*** NON-SIMULTANEOUS LOAD
G: PROVIDE GFI CIRCUIT BREAKER
S: PROVIDE SHUNT TRIP CIRCUIT BREAKER
L: PROVIDE LOCK ON/OFF CIRCUIT

PANELBOARD SCHEDULE — LA (E)

VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC RATING	MOUNTING	LOCATION	NEMA ENCLOSURE
120 240	1	3		225	10,000	SURFACE	JANITOR	-

LOAD TYPE LEGEND				REMARKS
L	LIGHTING/CONT-LD	K	KITCHEN EQUIP	PROVIDE EQUIPMENT GROUNDING BUS AND FEED THRU AND/OR SUB FEED LUGS
R	RECEPTACLES	E	EXISTING	PROVIDE (2) SECTIONS PANEL EACH SECTION IS 42 POLES
M	MECHANICAL EQUIP	O	OTHER/MISC	

CKT #	LOAD DESCRIPTION	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	CIRCUIT BREAKER TRIP	P	LOAD (VA)	PHASE	LOAD (VA)	CIRCUIT BREAKER P	TRIP	CONDUIT SIZE	WIRE SIZE	LOAD TYPE	LOAD DESCRIPTION	CKT #
1	LTG - CLASSROOM	L	#12	3/4"	20A	1	800	A	800	1	20A			L	GYM LIGHTING	2
3	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			L	GYM LIGHTING	4
5	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			L	GYM LIGHTING	6
7	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			L	GYM LIGHTING	8
9	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			L	GYM LIGHTING	10
11	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			L	GYM LIGHTING	12
13	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			L	GYM LIGHTING	14
15	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			L	GYM LIGHTING	16
17	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			M	PLUG MOLD - WST WLL RM 11	18
19	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A				SPARE	20
21	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			L	LTG - EXTERIOR	22
23	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A				WTR HTR - TCHR RR	24
25	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			M	WATER HEATER - KITCHEN	26
27	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			R	COPY MACHINE	28
29	LTG - CLASSROOM	L			20A	1	800	A	800	1	20A			L	COUNTER TOP - BRK RM	30
31	LTG - CLASSROOM	L			20A	1	800	C	800	1	20A			L	LAMINATOR - BREAKROOM	32
33	LTG - HALL	L			20A	1	800	A							**SPARE**	34
35	LTG - HALL & RESTROOM	L			20A	1	800	C	500	1	20A	3/4"	#12	M	**HEAT TRACE HOT WATER**	36
37	SPACE						0	A	500	1	20A	3/4"	#12	M	**HEAT TRACE COLD WATER**	38
39	SPACE						0	C	500	1	20a	3/4"	#12	M	**EVAPORATEOR HEATER**	40
41	SPACE						0	A	0						SPACE	42

	A		C	TOTAL
CONNECTED LOAD ABOVE (VA)	14100		14600	28700
CONNECTED AMPACITY ABOVE (A)	117.50		121.67	

LOAD TYPE	CONN. LD(VA)	SUBPANELS (VA) PNL	PNL	PNL	PNL	CONN. LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	
LIGHTING/CONT-LD	23200	-	-	-	-	23200	125%	29000	
RECEPTACLES	800	-	-	-	-	800	*	800	
MECHANICAL EQU	3100	-	-	-	-	3100	100%	3100	
KITCHEN EQUIP	0	-	-	-	-	0	100%	0	
#OF KITCHEN EQU	0	-	-	-	-	0		**	
EXISTING	0	-	-	-	-	0	125%	0	
OTHER/MISC	0	-	-	-	-	0	100%	0	
TOTAL CONNECTED (VA)						27100		32900	SIZING TOTAL (VA) PER NEC
CONNECTED AMPACITY (A)						112.92		137.08	SIZING AMPACITY (A) PER NEC

NOTES
* 1ST 10KVA @ 100%, REMAINING @ 50%
** SIZE PER NEC TABLE 220.56
*** NON-SIMULTANEOUS LOAD
G: PROVIDE GFI CIRCUIT BREAKER
S: PROVIDE SHUNT TRIP CIRCUIT BREAKER
L: PROVIDE LOCK ON/OFF CIRCUIT

PANELBOARD SCHEDULE — LD (E)

VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC RATING	MOUNTING	LOCATION	NEMA ENCLOSURE
120 208	3	4		400	-	-	-	-

LOAD TYPE LEGEND				REMARKS
L	LIGHTING/CONT-LD	K	KITCHEN EQUIP	PROVIDE EQUIPMENT GROUNDING BUS AND FEED THRU AND/OR SUB FEED LUGS
R	RECEPTACLES	E	EXISTING	PROVIDE (2) SECTIONS PANEL EACH SECTION IS 42 POLES
M	MECHANICAL EQUIP	O	OTHER/MISC	

CKT #	LOAD DESCRIPTION	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	CIRCUIT BREAKER TRIP	P	LOAD (VA)	PHASE	LOAD (VA)	P	TRIP	CONDUIT SIZE	WIRE SIZE	LOAD TYPE	LOAD DESCRIPTION	CKT #
1					20A	3		A	0	3	20A					2
3	**SPARE**							B	0						SPARE	4
5								C	0							6
7					20A	3	0	A	0	3	20A					8
9	**SPARE**						0	B	0						SPARE	10
11							0	C	0							12
13					20A	3	0	A	0	3	20A					14
15	SPARE						0	B	0						SPARE	16
17							0	C	0							18
19					20A	3	0	A	0	3						20
21	**SPARE**						0	B	0							22
23							0	C	0							24
25	SPACE						0	A	0	2						26
27	SPACE						0	B	0							28
29	SPACE						0	C	0	2						30
31	SPACE						0	A	0							32
33	SPACE						0	B	0	2						34
35	SPACE						0	C	0							36
37	SPACE						0	A	0							38
39	SPACE						0	B	0	1						40
41	SPACE						0	C	0							42

	A	B	C	TOTAL
CONNECTED LOAD ABOVE (VA)	0	0	0	0
CONNECTED AMPACITY ABOVE (A)	0.00	0.00	0.00	

LOAD TYPE	CONN. LD(VA)	SUBPANELS (VA) PNL	PNL	PNL	PNL	CONN. LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	
LIGHTING/CONT-LD	0	-	-	-	-	0	125%	0	
RECEPTACLES	0	-	-	-	-	0	*	0	
MECHANICAL EQU	0	-	-	-	-	0	100%	0	
KITCHEN EQUIP	0	-	-	-	-	0	100%	0	
#OF KITCHEN EQU	0	-	-	-	-	0		**	
EXISTING	0	-	-	-	-	0	125%	0	
OTHER/MISC	0	-	-	-	-	0	100%	0	
TOTAL CONNECTED (VA)						0		0	SIZING TOTAL (VA) PER NEC
CONNECTED AMPACITY (A)						0.00		0.00	SIZING AMPACITY (A) PER NEC

NOTES
* 1ST 10KVA @ 100%, REMAINING @ 50%
** SIZE PER NEC TABLE 220.56
*** NON-SIMULTANEOUS LOAD
G: PROVIDE GFI CIRCUIT BREAKER
S: PROVIDE SHUNT TRIP CIRCUIT BREAKER
L: PROVIDE LOCK ON/OFF CIRCUIT

PANELBOARD SCHEDULE — LB (E)

VOLTAGE	PHASE	WIRE	MCB (A)	MLO (A)	AIC RATING	MOUNTING	LOCATION	NEMA ENCLOSURE
120 240	1	3		225	10,000	SURFACE	JANITOR	-

LOAD TYPE LEGEND				REMARKS
L	LIGHTING/CONT-LD	K	KITCHEN EQUIP	PROVIDE EQUIPMENT GROUNDING BUS AND FEED THRU AND/OR SUB FEED LUGS
R	RECEPTACLES	E	EXISTING	PROVIDE (2) SECTIONS PANEL EACH SECTION IS 42 POLES
M	MECHANICAL EQUIP	O	OTHER/MISC	

CKT #	LOAD DESCRIPTION	LOAD TYPE	WIRE SIZE	CONDUIT SIZE	CIRCUIT BREAKER TRIP	P	LOAD (VA)	PHASE	LOAD (VA)	CIRCUIT BREAKER P	TRIP	CONDUIT SIZE	WIRE SIZE	LOAD TYPE	LOAD DESCRIPTION	CKT #
1	RECEPTACLES	R	#12	3/4"	20A	1	800	A	800	1	20A			R	RECEPTACLES	2
3	RECEPTACLES	R			20A	1	800	C	800	1	20A			R	RECEPTACLES	4
5	RECEPTACLES	R			20A	1	800	A	1000	1	20A			M	EDF'S	6
7	RECEPTACLES	R			20A	1	800	C	1000	1	20A			M	EDF'S	8
9	RECEPTACLES	R			20A	1	800	A	800	1	20A			R	RECEPTACLES - RM 123	10
11	RECEPTACLES	R			20A	1	800	C	500	1	20A			M	SOUND SYSTEM	12
13	RECEPTACLES	R			20A	1	800	A	1000	1	20A			M	HEAT TRALER	14
15	GAS HEATER	R			20A	1	800	C	0	1	20A				SPARE	16
17	GAS HEATER	R			20A	1	800	A	1000	1	20A			M	WINDOW UNIT	18
19	**BOILER**	M	#12	3/4"	20A	1	1056	C	1000					M		20
21	SPARE				20A	1	0	A	500	1	20A			M	AC CONTROL PANEL	22
23					20A	2	0	C	0	1	20A				SPARE	24
25							0	A	0						SPACE	26
27	SPACE						0	C	2000	2	60A			M	FAN COIL CONTACOR	28
29	SPACE						0	A	2000					M		30
31	SPARE				20A	1	0	C	0	1	20A				SPARE	32
33	SPARE				20A	1	0	A	0	1	20A				SPARE	34
35	SPARE				20A	1	0	C	0	1	20A				SPARE	36
37	SPARE				20A	1	0	A	0	1	20A				SPARE	38
39	SPARE				20A	1	0	C	0	1	20A				SPARE	40
41	SPARE				20A	1	0	A	0	1	20A				SPARE	42
43	SPARE				20A	1	0	C	0	1	20A				SPARE	44
45	SPARE				20A	1	0	A	0	1	20A				SPARE	46
47	SPACE						0	C	0						SPACE	48

	A		C	TOTAL
CONNECTED LOAD ABOVE (VA)	11100		9556	20656
CONNECTED AMPACITY ABOVE (A)	92.50		79.63	

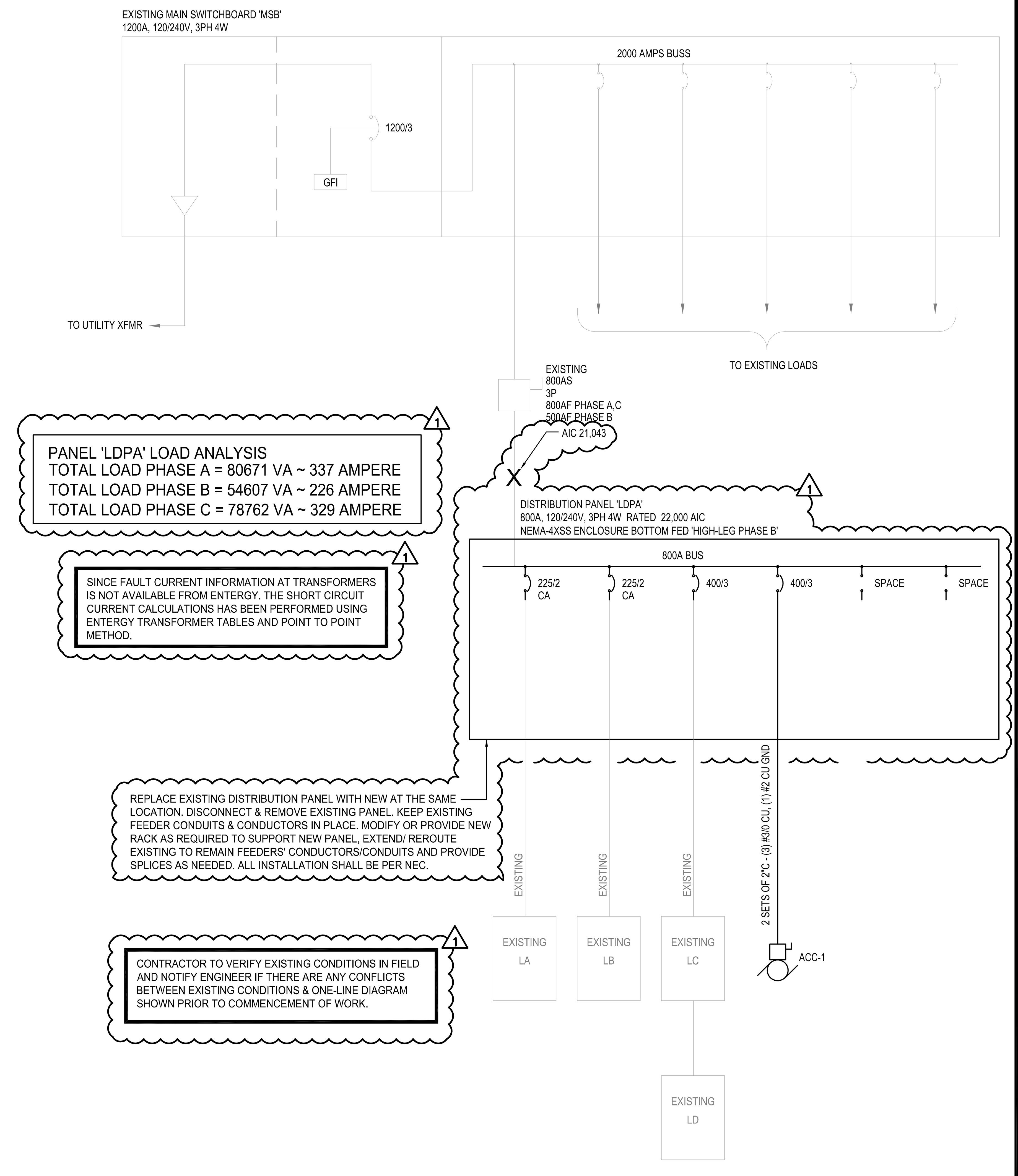
LOAD TYPE	CONN. LD(VA)	SUBPANELS (VA) PNL	PNL	PNL	PNL	CONN. LD (VA)	SIZING FACTOR	SIZING LOAD (VA)	
LIGHTING/CONT-LD	0	-	-	-	-	0	125%	0	
RECEPTACLES	9600	-	-	-	-	9600	*	9600	
MECHANICAL EQU	10056	-	-	-	-	10056	100%	10056	
KITCHEN EQUIP	0	-	-	-	-	0	100%	0	
#OF KITCHEN EQU	0	-	-	-	-	0		**	
EXISTING	0	-	-	-	-	0	125%	0	
OTHER/MISC	0	-	-	-	-	0	100%	0	
TOTAL CONNECTED (VA)						19656		19656	SIZING TOTAL (VA) PER NEC
CONNECTED AMPACITY (A)						81.90		81.90	SIZING AMPACITY (A) PER NEC

NOTES
* 1ST 10KVA @ 100%, REMAINING @ 50%
** SIZE PER NEC TABLE 220.56
*** NON-SIMULTANEOUS LOAD
G: PROVIDE GFI CIRCUIT BREAKER
S: PROVIDE SHUNT TRIP CIRCUIT BREAKER
L: PROVIDE LOCK ON/OFF CIRCUIT

EXTERIOR LIGHTING FIXTURE SCHEDULE

TAG	MANUFACTURER	DESCRIPTION	(QTY) LAMPS	WATTS/FIXTURE	VOLT	MOUNTING
SA	LITHONIA LIGHTING DSX0 LED-P3-40K-T4M-WBA-MVOLT-DDBXD	WALL MOUNTED 7700 LUMEN PACKAGE, 4000K WITH WALL BRACKET, DARK BRONZE FINISH	LED	71	120	WALL MOUNTED
SB	LITHONIA LIGHTING WDGE3 LED-P1-40K-80CRI-R3-MVOLT	WALL MOUNTED LED 7000 LUMENS 4000K 80CRI	LED	52	120	WALL MOUNTED
SC	LITHONIA LIGHTING APX13-NODIM-25-40K-MVOLT-FCL-BRZ	13" DIAMETER SURFACE MOUNTED LED, 4000K, 25W DARK BRONZE FINISH	LED	13	120	SURFACE MOUNTED

CONFIRM ALL LIGHTING COLORS & FINISHES WITH OWNER PRIOR TO ORDERING



EXISTING TO REMAIN
NEW

1 **PARTIAL ELECTRICAL ONE-LINE DIAGRAM**
SCALE: NONE

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Beaumont, TX 77701

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100% REVIEW: [X]
DATE: 04/07/2022
ISSUE FOR BID: [X]
DATE: 04/15/2022

REVISION:
DATE: 06/01/2022
ADDENDUM 1
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
ELECTRICAL DETAILS, LEGENDS, AND SCHEDULES

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