### FACPAC Contract Change Order Supplemental Information Form (Ref# 60467)

Form Status: Saved

Tier 1 Project: Phase 6 Additions and Renovations - Project #175-520

BG Number: 21-042 District: Beechwood Independent (HB678) (026)

Status: Active Phase: Project Initiation (View Checklist)

Contract: DELTA ELECTRICAL CONTRACTORS, LTD, 0216, ELECTRICAL

Type: CM Bid Package Proposed

Change Order Number 216-06
Time Extension Required No
Date Of Change Order 8/1/2024

Change Order Amount To Date

### **Construction Contingency**

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$1,533,894.48
Net Approved COs	\$134,347.24
Remaining After Approved COs	\$1,399,547.24
Net All COs	\$652,494.33
Remaining After All COs	\$881,400.15

This Requested Change Order Amount \$99,160.00

+/-

Change In A/E Fee This Change Order \$0.00

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency

Balance

Contract Change Requested By Architect/Engineer; Construction Manager

Contract Change Reason Code Expansion of Scope

Change Order Description And Justification

Additional cost to add floor boxes in Video Room 129. \$14,831 Additional cost to add theater lighting and LED logo. \$23,603

Additional cost of adding power and data in various locations. \$60,726

Cost Benefit To Owner

Contract unit prices have been utilized Yes to support the cost associated with this

about:blank 1/3

change order.

### **Detailed Cost Breakdown**

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

Detail Item	Amount	<b>Percent of Total</b>
Labor		0.00%
Materials		0.00%
Profit and Overhead		
Bond Insurance		0.00%
Cost Brookdown Total	00.02	

Cost Breakdown Total: \$0.00

Cost for this Change Order supported No by an alternate bid or competitive price quote
Explain Why

about:blank 2/3

Change Order Supplemental Information Page (Online Form Ref# 60467)	n Form Signature
Architect	Date
Construction Manager	Date
Finance Officer	Date
Local Board of Education Designee	Date

about:blank 3/3

### Change Order - Construction Manager-Adviser Edition

		CONSTRUCTION MANAGER ARCHITECT
		CONTRACTOR ☐ FIELD ☐ OTHER ☐
PROJECT (Name and Address) BEECHWOOD INDEPENDENT SCHOOLS PHASE 6B 54 BEECHWOOD ROAD FORT MITCHELL, KY 41017	CHANGE ORDER NUMBER: 216-06 INITIATION DATE: 8/1/2024	
TO CONTRACTOR (Name and Address) DELTA ELECTRICAL CONTRACTORS	PROJECT NUMBERS: 000744 CONTRACT DATE: 5/17/2022	

CONTRACT FOR: BID PACKAGE #216 ELECTRICAL

#### THE CONTRACT IS CHANGED AS FOLLOWS:

Additional cost to add floor boxes in Video Room 129. \$14,831 Additional cost to add theater lighting and LED logo. \$23,603 Additional cost of adding power and data in various locations. \$60,726

The original Contract Sum was 3,579,818.00 Net change by previously authorized Change Orders 42,537.00 The Contract Sum prior to this Change Order was 3,622,355.00 The Contract Sum will be Increased by this Change Order in the amount of 99,160.00 The new Contract Sum including this Change Order will be 3,721,515.00

The Contract Time will be adjusted by 0 days.

CODELL CONSTRUCTION COMPANY

The date of Substantial Completion as of the date of this Change Order therefore is 4/18/2024.

### NOT VALID UNTIL SIGNED BY THE CONSTRUCTION MANAGER, ARCHITECT, CONTRACTOR AND OWNER.

CODELL CONSTRUCTION COMPANY	ROBERT EHMET HAYES & ASSOCIATES
CONSTRUCTION MANAGER (Firm Name) 4475 ROCKWELL ROAD WINCHESTER, KY 40391	ARCHITECT (Firm Name) 2512 DIXIE HIGHWAY FORT MITCHELL, KY 41017
ADDRESS	ADDRESS
BY (Signature)	BY (Signature)
(Typed Name) DATE:	(Typed Name) DATE:
DELTA ELECTRICAL CONTRACTORS	BEECHWOOD INDEPENDENT SCHOOLS BOARD OF
CONTRACTOR (Firm Name)	OWNER (Firm Name) 50 BEECHWOOD ROAD FORT MITCHELL, KY 41017
ADDRESS	ADDRESS
BY (Signature)	BY (Signature)
(Typed Name) DATE:	(Typed Name) DATE:

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1

### **Proposal Request**

**PROJECT:** (name and address)
Beechwood Schools - Phase 6B

Improvements

54 Beechwood Road Fort Mitchell, Kentucky 41017

**OWNER:** (name and address)
Beechwood Independent Board of

Education

50 Beechwood Road

Fort Mitchell, Kentucky 41017

**CONTRACT INFORMATION:** 

Date: October 06, 2020

Contract For: Total Project

Architect's Project Number: 175-520 Proposal Request Number: Twenty-Four

(24)

Proposal Request Date: March 15, 2023

ARCHITECT: (name and address)

Robert Ehmet Hayes & Associates, PLLC

2512 Dixie Highway Fort Mitchell, Kentucky 41017 **CONTRACTOR:** (name and address) Codell Construction Company

4475 Rockwell Road Winchester, Kentucky 40391

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Zero (0) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

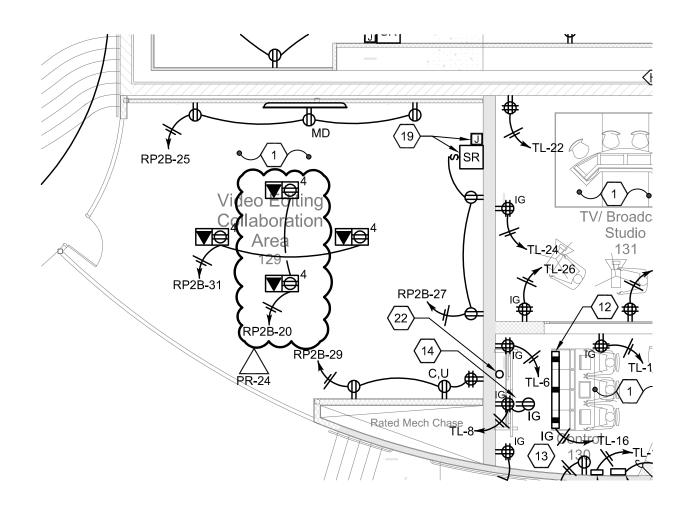
Additional floor boxes in Video Editing Collaboration Room 129 - see attached sketch SKE202c from STW.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT:

Joseph Ahrens Hayes, Member

PRINTED NAME AND TITLE



# (1)

## PARTIAL MAIN LEVEL - PR-24

NOT TO SCALE

S	TW PROJECT NO. 21022				CUDALIT	DATE:
	REVISIONS				TATE MECHANICAL AND	3/15/2023
NO	DESCRIPTION	DATE		<b>17</b> 🎍	A L Electrical Engineers	
1	PROPOSAL REQUEST #24 3	3/15/23			WILSON	NOT TO SCALE
			BEECHWOOD SCHOOL	/-	Lexington - Louisville	SHEET NO.
			BEEGIWOOD SCHOOL	ALL DIGUTO DE	www.stweng.com	
			PHASE 6B - BUILDING REPLACEMENT AND RENOVATIONS	THIS DOCUMEN ENGINEERS, PL	SERVELS: IT IS THE PROPERTY OF SHROUT TATE WILSON CONSULTING ILC AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART	<b>I</b> SKE2020
sc	ALE CHECK: THIS MARK SHOULD MEASURE EXACTLY 1/2" WHEN PLOTTED			OR USED FOR 0	CONSTRUCTION OF OTHER THAN THIS SPECIFIC PROJECT ITEN PERMISSION	

Contractor: DELTA Electric

Submitted By: Eric Scheidt

Date: 4/24/23
Project Number: C762



### **Beechwood Schools**

Note: INCLUDE ALL APPRORIATE BACKUP INVOICES FOR SUBCONTRACTORS AND MATERIALS

		01174102	PROPOSAL	"			
Scope Description: PR #24							
	QTY.	UNIT	RATE		SUBTOTAL	TOTAL	
MATERIAL:				\$			
1. SEE ATTACHED	1	E	\$ 3,226.71	\$	3,226.71	3,226.71	
2. 3.	+			\$	<u> </u>	0.00 0.00	
4.				\$	-	0.00	
5.				\$	-	0.00	
6.				\$	ŝ		
			SUBTOTAL:	\$	3,226.71	3,226.71	
TOOLS/ EQUIPMENT:	1 41		T	Φ.	75.00	75.00	
1. Technology 2.	1		\$ 75.00	\$	75.00	75.00	
3.	1			\$	-		
4.				\$	-		
5.				\$	-		
6.			CURTOTAL	\$	-	75.00	
			SUBTOTAL:	\$	75.00	75.00	
LABOR:	110 0=1	LIDC C	005.00	•	7.400.00	7 400 65	
Straight Time     Third Shift	113.97 0.00	HRS @	\$65.00 \$82.00	\$	7,408.05	7,408.05 0.00	
3. Overtime	0.00	HRS @	\$98.00	\$	-	0.00	
On-Site Supervision	11.40	HRS @	\$75.00	\$	854.78	0.00	
Project Manager	5.70	HRS @	\$105.00	\$	598.34		
6. Safety	2.28	HRS @	\$65.00	\$	148.16		
7. Material Handling	2.28	HRS @	\$48.00	\$	109.41		
8. Clean-Up	1.14	HRS @	\$48.00	\$	54.71		
o. o.o op			SUBTOTAL:		9,173.45	9,173.45	
SUB-CONTRACTORS					<u>, , , , , , , , , , , , , , , , , , , </u>	·	
1. Nor-Com	1	LS	0	\$	-	0.00	
2.	1	LS		\$	-		
3.	1	LS		\$	-		
4.	1	LS		\$	-		
5.	1			\$	-		
6.	1			\$	-		
			SUBTOTAL:	\$	-	0.00	
<u>SUBTOTALS</u>							
MATERIAL/ TOOLS/ EQUIPMENT SUBTOTAL	-			\$	3,301.71		
LABOR SUBTOTAL				\$	9,173.45		
					5,176.40		
SUBCONTRACTOR SUBTOTAL				\$	-		
OVERHEAR AND RECEIT			SUBTOTAL:	\$	12,475.16	\$	12,475.1
OVERHEAD AND PROFIT			Percentage				
OVERHEAD AND PROFIT MARKUP			15%	\$	1,871.27		
			SUBTOTAL:	\$	1,871.27	\$	1,871.2
			Percentage	Ψ		Ψ	1,011.2
TAXES:			6.00%	\$	193.60		
COMMERCIAL ACTIVITY TAX			0.00%	\$	-		
BOND:			2.00%	\$	290.80		
			SUBTOTAL:	\$	484.40	\$	484.40
TOTAL COST:	\$14,831						

### DELTA Electrical Contractors, LTD Phone: 513-421-7744 Fax: 513-421-8400

#### Beechwood Schools Phase 6B: Beechwood 6B - PR #24

Job Number: CO105-5 Bid Summary: Default Extension By Section

Item #	Description	Quantity	Price	U	Ext Price	Labor Hr	U	Ext Lab Hr
		Section #1						
1001	3/4" EMT	130	95.99	С	124.79	7.50	С	9.75
1182	3/4" PVC Conduit	30	80.40	С	24.12	5.63	С	1.69
1185	1-1/2" PVC Conduit	30	229.21	С	68.76	6.38	С	1.91
1329	1-1/2" EMT Elbow	2	1,200.11	С	24.00	0.60	Е	1.20
1344	3/4" GRC Elbow	2	587.14	С	11.74	0.60	Е	1.20
1347	1-1/2" GRC Elbow	2	1,123.27	С	22.47	1.13	Е	2.26
1445	3/4" Set Screw Steel Conn	4	21.58	С	0.86	0.15	Е	0.60
1448	1-1/2" Set Screw Steel Conn	2	180.19	С	3.60	0.30	Е	0.60
1465	3/4" Set Screw Steel Insul Throat Conn	4	87.30	С	3.49	0.15	Е	0.60
1545	3/4" Set Screw Steel Cplg	17	45.61	С	7.75	0.18	Е	3.06
1548	1-1/2" Set Screw Steel Cplg	6	198.04	С	11.88	0.33	Е	1.98
1831	3/4" GRC Coupling	2	380.66	С	7.61	0.18	Е	0.36
1834	1-1/2" GRC Coupling	2	359.99	С	7.20	0.30	Е	0.60
2087	3/4" PVC Female Adaptor	2	48.41	С	0.97	0.24	Е	0.48
2090	1-1/2" PVC Female Adaptor	2	90.96	С	1.82	0.38	Е	0.76
2129	3/4" PVC Coupling	2	18.49	С	0.37	0.09	Е	0.18
2132	1-1/2" PVC Coupling	2	36.01	С	0.72	0.18	Е	0.36
2141	3/4" PVC Elbow	2	65.75	С	1.32	0.45	Е	0.90
2144	1-1/2" PVC Elbow	2	176.54	С	3.53	0.68	Е	1.36
2360	3/4" Conduit Hanger w/Bolt	16	90.00	С	14.63	37.50	С	6.09
2419	1/4" Beam Clamp	50	0.60	Ε	30.00	7.50	С	3.75
2469	4" Square Box (1/2 & 3/4 KO's)	1	269.95	С	2.70	0.45	Е	0.45
2660	#12 THHN CU Stranded Wire	530	204.04	М	108.04	9.00	М	4.77
2935	Cat 6 Plenum (CMP) 23 Gauge 4-Pair Cable	1,600	622.14	М	995.42	23.10	М	36.96
3934	20A 1P 120/240V Bolt-On Circuit Breaker	1	18.28	Ε	18.28	0.60	Е	0.60
4409	#14-12-10 Wire Termination Labor	3	0.00	Ε	0.00	0.27	Е	0.81
5079	4" Square Flat Blank Cover	1	84.18	С	0.84	0.18	Е	0.18
6133	Red Wirenuts	3	80.47	М	0.24	5.25	С	0.16
28661	Cat 6 Jack	16	9.55	Ε	152.80	0.60	Е	9.60
69000	FLOORBOX	2	697.20	Ε	1,394.40	4.50	Е	9.00
82094	2-INCH J-HOOK GALVANIZED	50	268.71	С	134.36	7.50	С	3.75
T0001	Test and Label CAT6 Cable	8	6.00	Е	48.00	1.00	Е	8.00
	Section #1 Total				3,226.71			113.97
	lah Tatal				2 226 74			440.07
	Job Total				3,226.71			113.97

### **Proposal Request**

PROJECT: (name and address)
Beechwood Schools - Phase 6B

Improvements

54 Beechwood Road

Fort Mitchell, Kentucky 41017

**OWNER:** (name and address)
Beechwood Independent Board of

Education

50 Beechwood Road

Fort Mitchell, Kentucky 41017

**CONTRACT INFORMATION:** 

Contract For: Total Project

Architect's Project Number: 175-520 Proposal Request Number: Twenty Six

(26)

Date: October 06, 2020

Proposal Request Date: June 23, 2023

**ARCHITECT:** (name and address)

Robert Ehmet Hayes & Associates, PLLC

**CONTRACTOR:** (name and address) Codell Construction Company

2512 Dixie Highway

Fort Mitchell, Kentucky 41017

4475 Rockwell Road Winchester, Kentucky 40391

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Zero (0) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Theater lighting and backlit LED logo per STW PR #26 (attached)

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

REQUESTED BY THE ARCHITECT:

Joseph Ahrens Hayes, Member

PRINTED NAME AND TITLE



### Proposal Request # 26

Beechwood Independent Phase 6B Ft. Mitchell, Ky

Amy Sanders Robert Ehmet Hayes & Associates 2512 Dixie Highway Ft. Mitchell, KY 41017 June 20, 2023

Beechwood Theater Lighting and Backlit LED Logo

Amy,

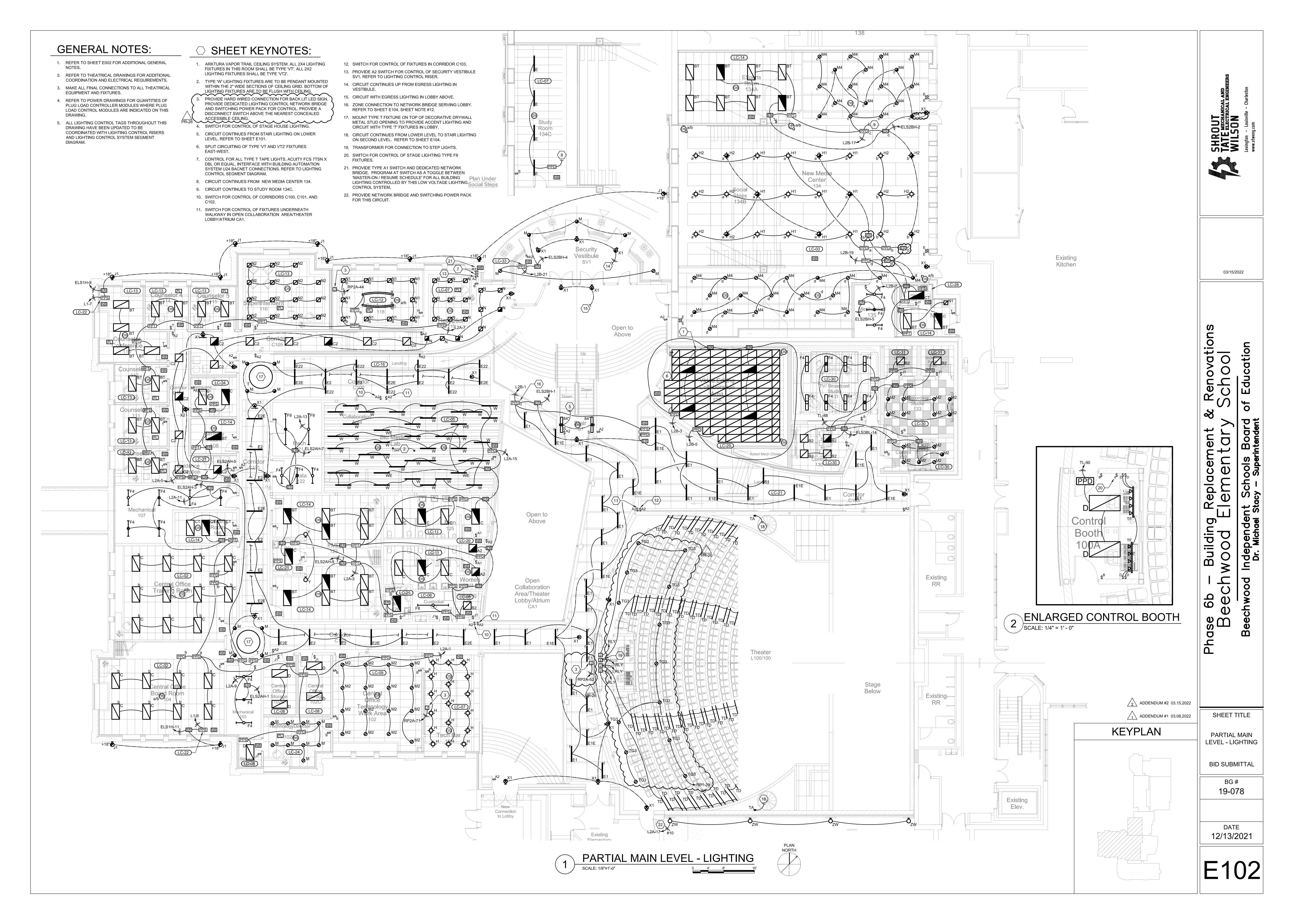
Please review and issue the following:

Please provide pricing for the addition of light fixtures as indicated on attached drawings E102. The new light fixture shall be manufactured by Gotham Lighting, model ICO-35/20-6AR-60D-120-EDXB or equivalent. The light fixture shall be DMX controlled and connected to the stage lighting relay panel (RP1) as indicated on the attached drawing. The light fixtures shall be installed underneath the theater balcony as indicated on the attached drawing.

Please provide pricing for the addition of a hardwired connection for Backlit LED logo as indicated on attached drawing E102. Provide power from spare circuit in panel RP2A as indicated on plan. Provide a dedicated lighting control network bridge and switching power pack for control. LED logo shall be time of day controlled. Field coordinate time of day scheduling with owner. Field coordinate exact junction box location with LED logo to provide a concealed connection.

Refer to attached Drawing E102 for design modifications.

**Attached Drawings: E102** 



 Contractor:
 DELTA Electric

 Submitted By:
 Eric Scheidt

 Date:
 7/26/24

 Project Number:
 C762



### **Beechwood Schools**

Scope Description: PR #26							
cope Description. 1 K #20							
	QTY.	UNIT	RATE		SUBTOTAL	TOTAL	
IATERIAL:  1. SEE ATTACHED	1	E	\$ 8,795.24	\$	- 8,795.24	8,795.24	
2.	'		\$ 6,795.24	\$	0,795.24	0.00	
3.				\$	-	0.00	
4.				\$	-	0.00	
5. 6.				\$	-	0.00	
0.			SUBTOTAL:	\$ <b>\$</b>	8,795.24	8,795.24	
OOLS/ EQUIPMENT:				<u> </u>			
1. Technology	1		\$ 75.00	\$	75.00	75.00	
2. Atrium Lift	1		\$ 1,500.00	\$	1,500.00	1,500.00	
3. 4.	-		-	\$	-	0.00 0.00	
5.				\$	<u> </u>	0.00	
6.				\$	-	0.00	
			SUBTOTAL:	\$	1,575.00	1575.00	
ABOR:			•				
1. Straight Time	115.45	HRS @	\$65.00		7,504.25	7,504.25	
Third Shift     Overtime	0.00	HRS @	\$82.00 \$98.00		<u>-</u>	0.00 0.00	
On-Site Supervision	11.55	HRS @	\$75.00		865.88	865.88	
5. Project Manager	5.77	HRS @	\$105.00		606.11	606.11	
6. Safety	2.31	HRS @	\$65.00		150.09	150.09	
7. Material Handling	2.31	HRS @	\$48.00		110.83	110.83	
8. Clean-Up	1.15	HRS @	\$48.00 SUBTOTAL:	\$ <b>\$</b>	55.42 <b>9,292.57</b>	55.42 9,292.57	
SUB-CONTRACTORS			COBTOTAL		0,202.01	0,202.01	
1.	1	LS	0	\$	-	0.00	
2.	1			\$	-		
3.	1	LS		\$	-		
4.	1	LS		\$	-		
5.	1	LS		\$	-		
6.	1	LS		\$	-		
			SUBTOTAL:	\$	•	0.00	
SUBTOTALS							
MATERIAL/ TOOLS/ EQUIPMENT SUBTOT	AL			\$	10,370.24		
ABOR SUBTOTAL				\$	9,292.57		
SUBCONTRACTOR SUBTOTAL				\$	-		
			SUBTOTAL:	\$	19,662.81	\$	19,662.8
OVERHEAD AND PROFIT			Percentage				
OVERHEAD AND PROFIT MARKUP			15%	\$	2,949.42		
VERNIERO PROFITORI III III III III			10%	•	2,010.12		
			SUBTOTAL: Percentage	\$	2,949.42	\$	2,949.4
FAXES:			6.00%	\$	527.71		
COMMERCIAL ACTIVITY TAX			0.00%	\$	-		
BOND:			2.00%	\$	462.80		
			SUBTOTAL:	\$	990.51	\$	990.
TOTAL COST:	\$23,603						

### **DELTA Electrical Contractors, LTD**

#### Beechwood Schools Phase 6B: Beechwood 6B - PR 26

Job Number: CO105-11 Bid Summary: NECA2 Extension By Section

Item #	Description	Quantity	Price	U	Ext Price	Labor Hr	U	Ext Lab Hr
		Section #1						
1001	3/4" EMT	460	118.78	С	546.39	6.25	С	28.75
1465	3/4" Set Screw Steel Insul Throat Conn	28	87.30	С	24.44	0.13	Е	3.64
1545	3/4" Set Screw Steel Cplg	46	45.61	С	20.98	0.15	Е	6.90
2360	3/4" Conduit Hanger w/Bolt	58	90.00	С	51.75	31.25	С	17.97
2469	4" Square Box (1/2 & 3/4 KO's)	13	269.95	С	35.09	0.38	Е	4.94
2471	4" Square x 2-1/8" Deep Box (1/2 & 3/4 KO's)	1	269.94	С	2.70	0.38	Е	0.38
2660	#12 THHN CU Stranded Wire	1,449	204.04	М	295.65	7.50	М	10.87
2929	Telephone - 3 Pr. Plenum	405	1,763.98	М	714.41	15.00	М	6.08
4649	20A Prem Spec Grade SP Switch	1	3.24	Е	3.24	0.31	Е	0.31
5003	4" Square 1G RS Switch Cover	1	404.94	С	4.05	0.19	Е	0.19
5079	4" Square Flat Blank Cover	13	240.52	С	31.27	0.15	Е	1.95
6133	Red Wirenuts	42	251.93	М	10.58	4.38	С	1.84
7113	3/16X1 Nylon Anchor	2	19.36	С	0.39	11.25	С	0.23
7114	Ground Screw with Bare Pigtail	1	4.07	Е	4.07	2.50	С	0.03
7121	10x1" TEK Screw	2	38.34	С	0.77	0.02	Е	0.04
7123	6X1/4" Pan Head Tapping Screw	4	2.83	С	0.11	0.02	Е	0.08
62151	1/2" Flex Assembly	1	8.40	Е	8.40	1.25	Е	1.25
T0001	Network Bridge	1	396.00	Е	396.00	2.00	Е	2.00
T0002	Switched Power Pack	1	210.00	Е	210.00	2.00	Е	2.00
T0003	Fixture Type TG3	13	495.00	Ε	6,435.00	2.00	Е	26.00
	Section #1 Total				8,795.29			115.45
	Job Total				8,795.29			115.45

### **Proposal Request**

**PROJECT:** (name and address)
Beechwood Schools - Phase 6B

Improvements 54 Beechwood Road

Fort Mitchell, Kentucky 41017

**OWNER:** (name and address)
Beechwood Independent Board of

Education

50 Beechwood Road

Fort Mitchell, Kentucky 41017

**CONTRACT INFORMATION:** 

Contract For: Total Project

Date: October 06, 2020

Architect's Project Number: 175-520 Proposal Request Number: Forty (40)

Proposal Request Date: January 22, 2024

**ARCHITECT:** (name and address)
Robert Ehmet Hayes & Associates, PLLC

2512 Divie Highway

2512 Dixie Highway Fort Mitchell, Kentucky 41017 **CONTRACTOR:** (name and address) Codell Construction Company

4475 P. 1. 11 P. 1

4475 Rockwell Road Winchester, Kentucky 40391

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Zero (0) days or notify the Architect in writing of the anticipated date of submission.

(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Electric changes in Media Center 134 (STW ESI #14)

Reference sheet E202:

Added power for TV's in rooms 102, 104, and 105.

Added USB receptacles and circuits on Social Steps 134B.

Reference sheet E204:

Added power for TV in corridor C201.

Added power and circuiting for horizontal ticker screens in rooms 206 and 208.

Added power for vertical wall TV in room 208.

Added power and circuiting for garage door in room 206.

Added poke thru receptacles and circuiting in room 215.

Reference sketch E204A:

Added wiremold, power, and data for computer stations in room 208.

Added Panel RP2C and 45 KVA Transformer T-RP2C in room 208 for computer station circuits.

Reference Sheet E304:

Added data drops directly adjacent to ticker receptacles.

Reference sheet E501:

Details referring to surface raceway added in room 208.

Reference sheet E601:

Panel RP2C and T-RP2C added to one-line diagram.

Reference sheet E602:

Loads changed in Panels RP2A, and RP3A.

Added circuits in panels RP3A, RP2B, and RP3B.

Reference Sheet E604:

Added panel RP2C and associated circuits

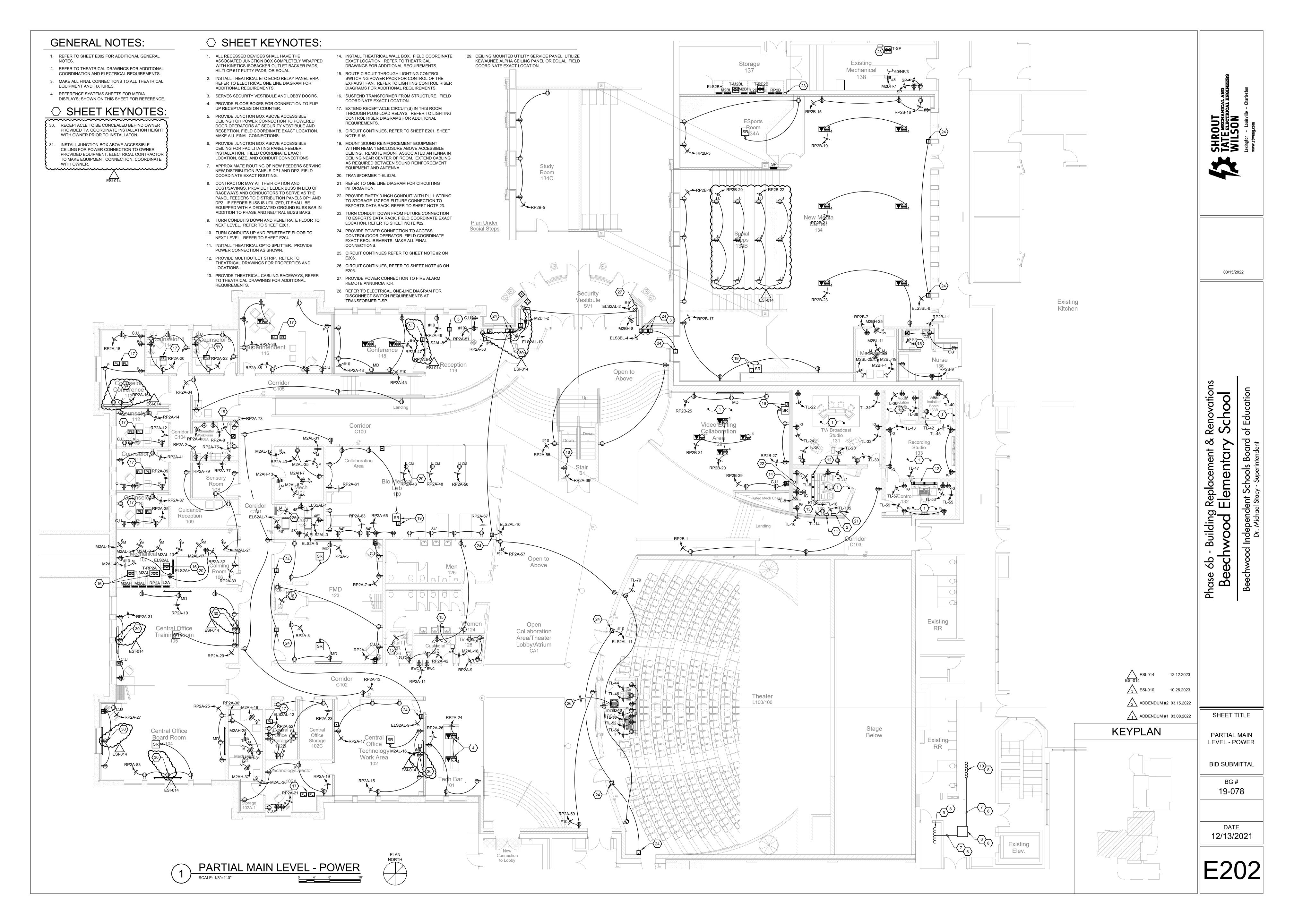
THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

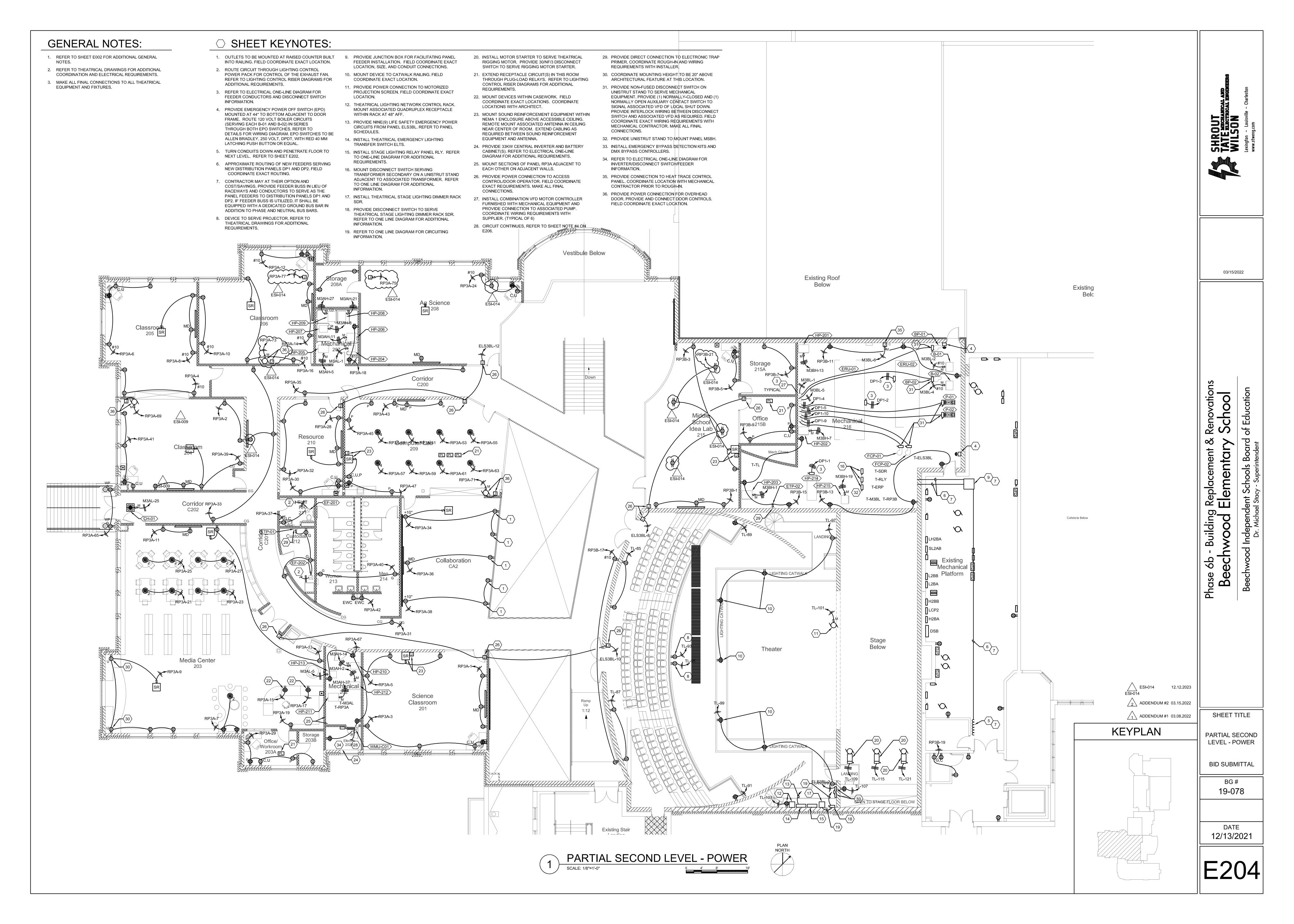
#### REQUESTED BY THE ARCHITECT:

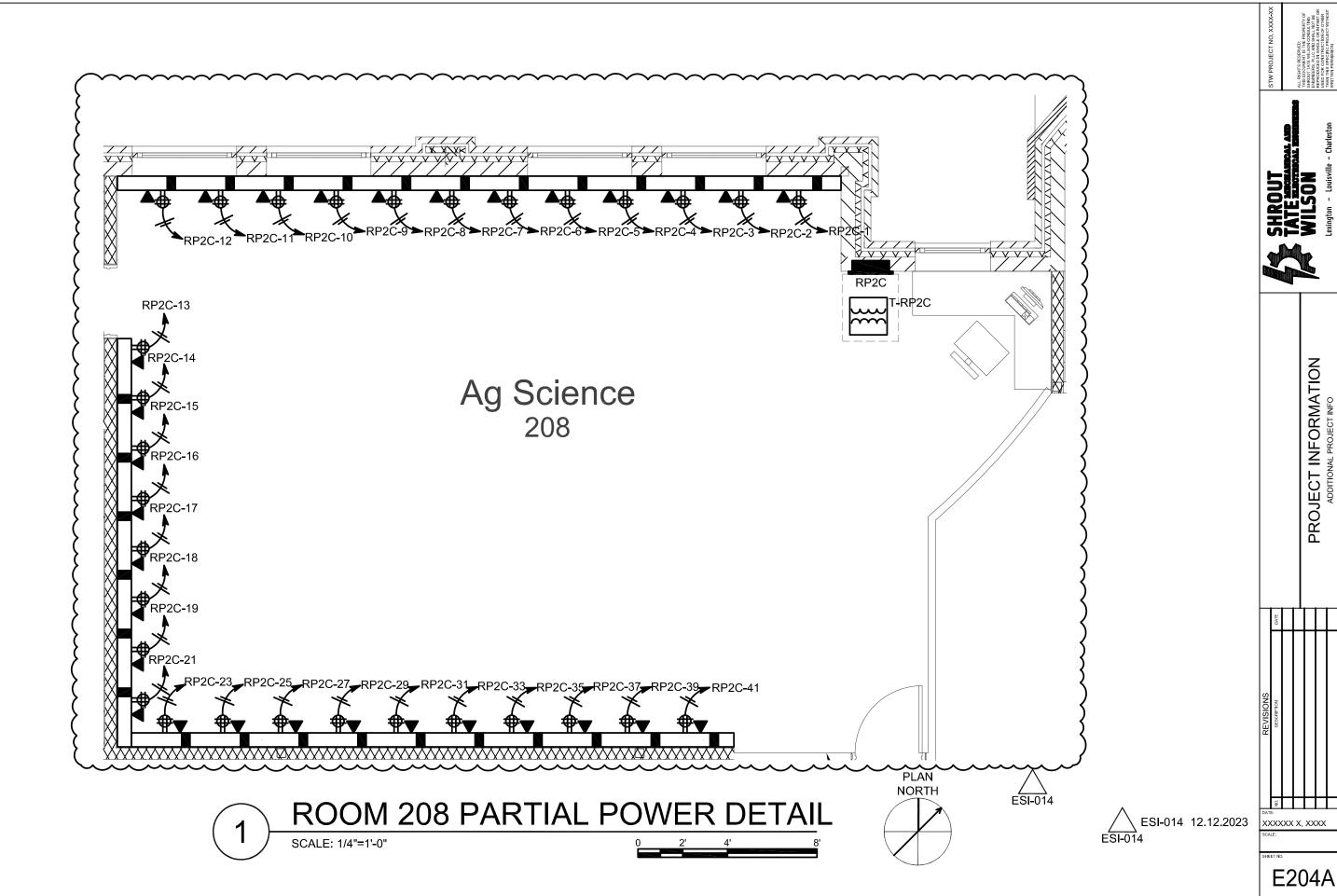
Joseph Ahrens Hayes, Member

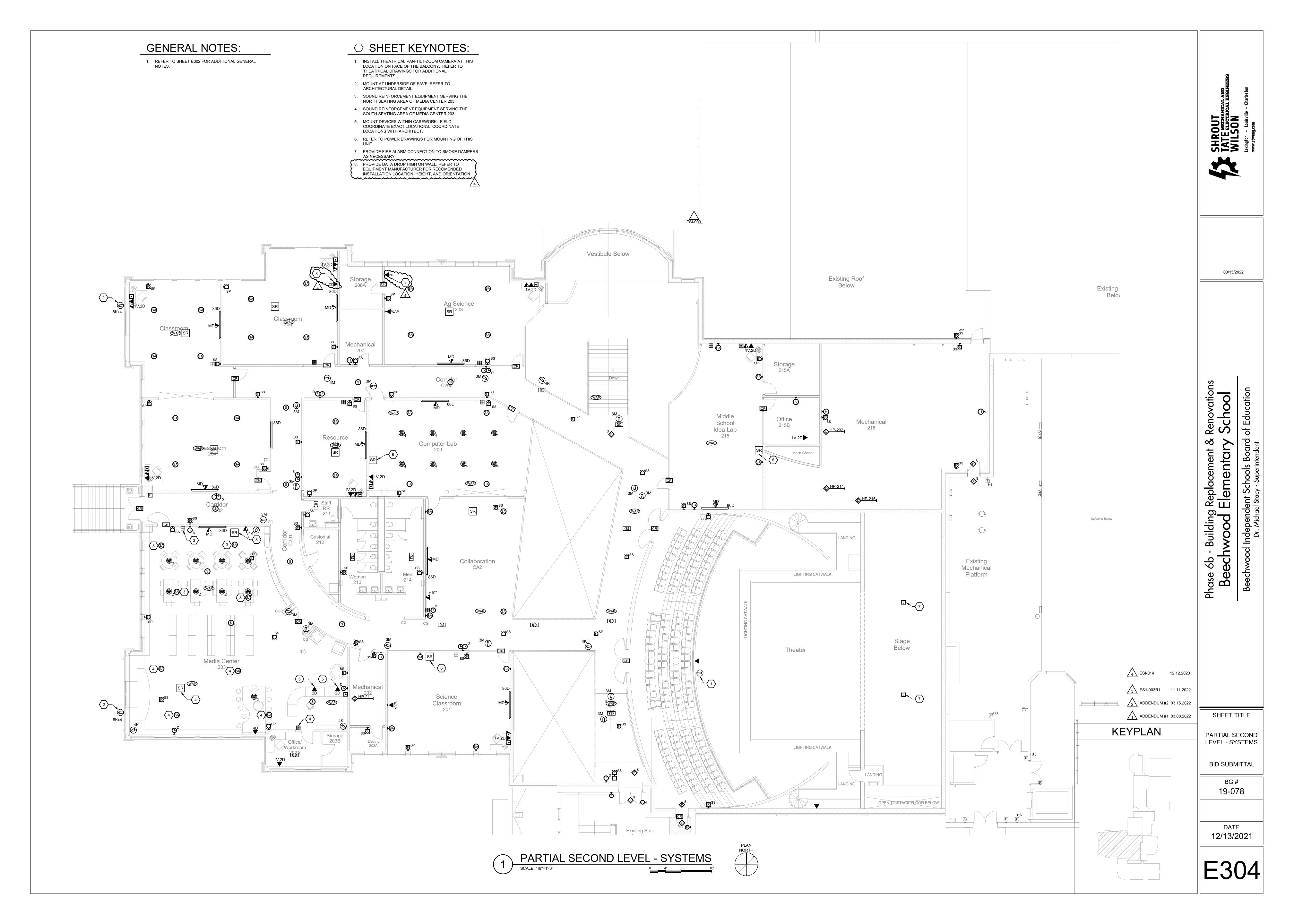
#### PRINTED NAME AND TITLE

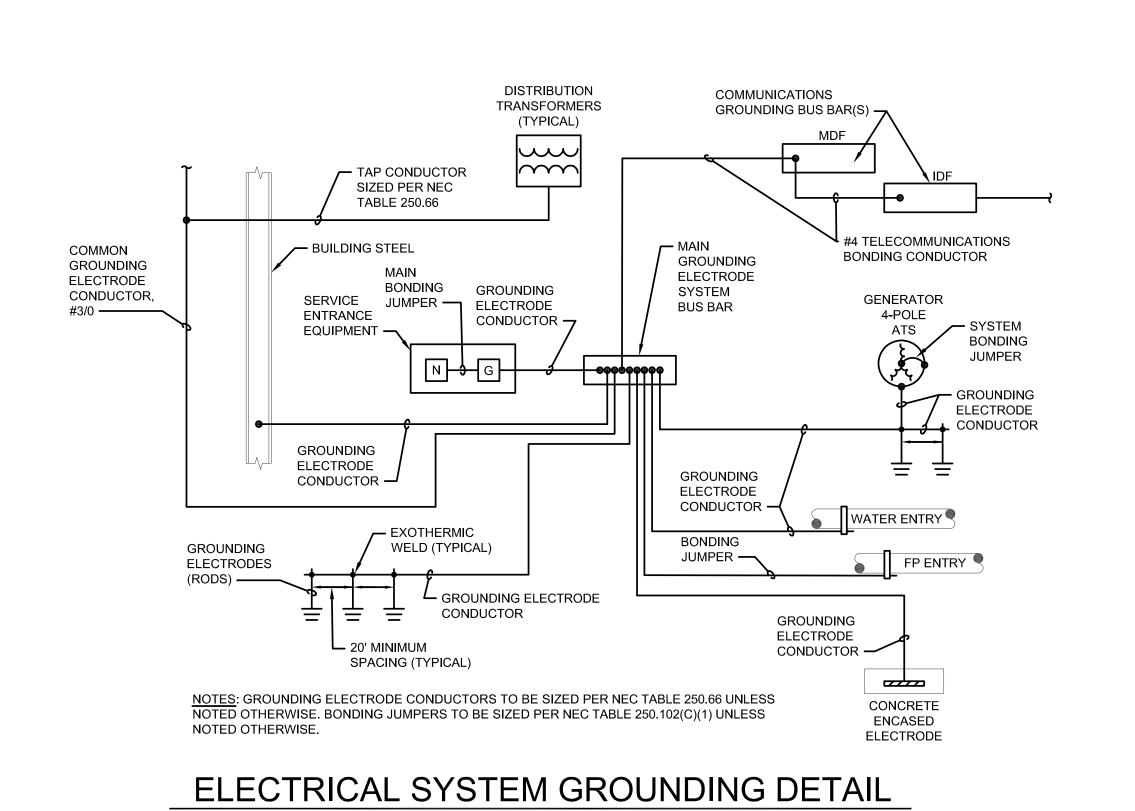
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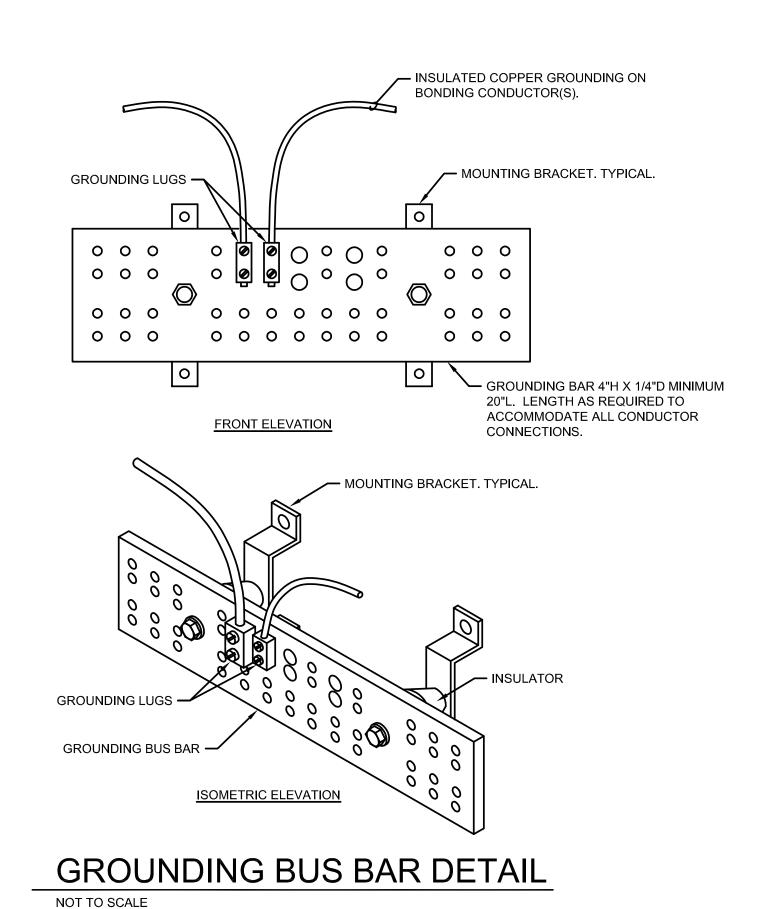


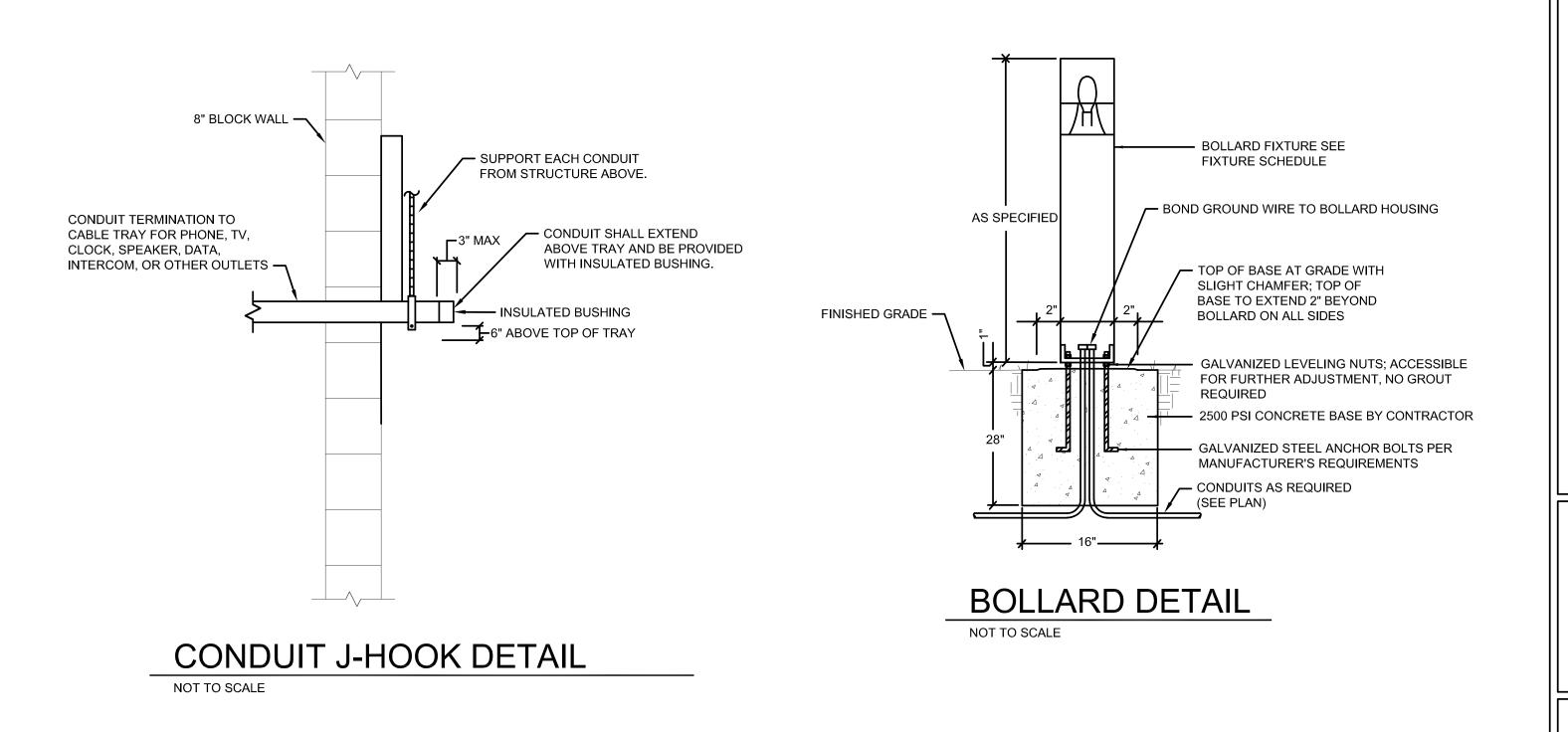


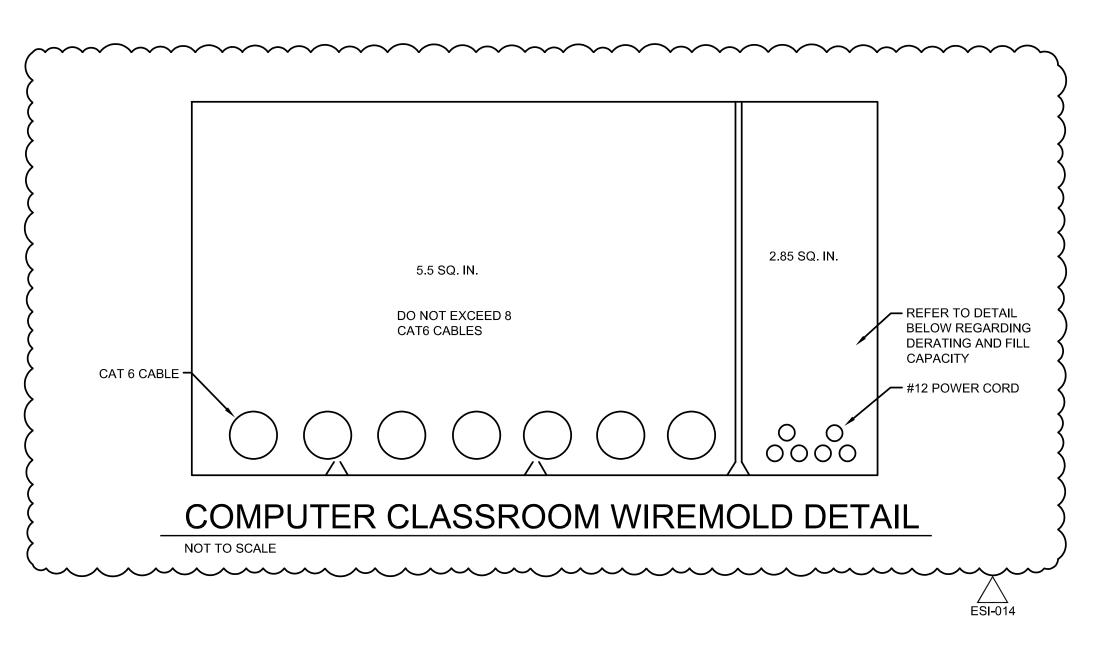


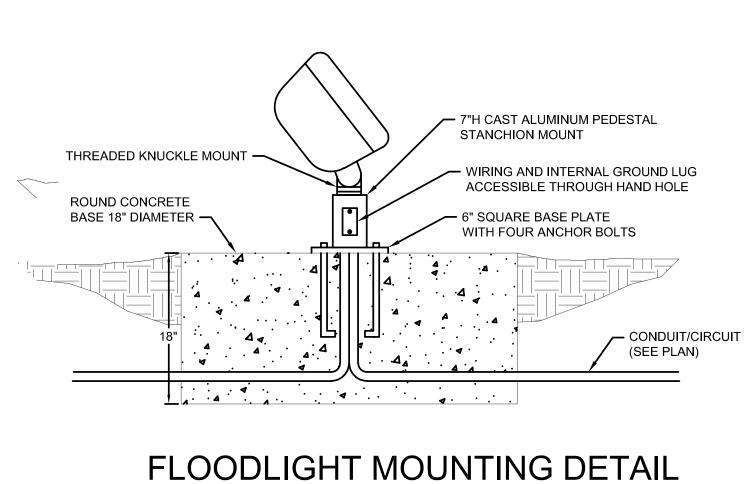


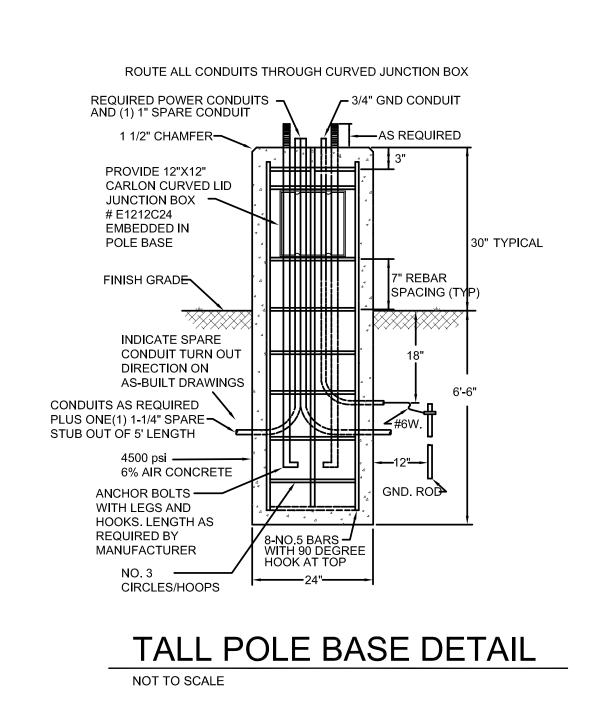
NOT TO SCALE

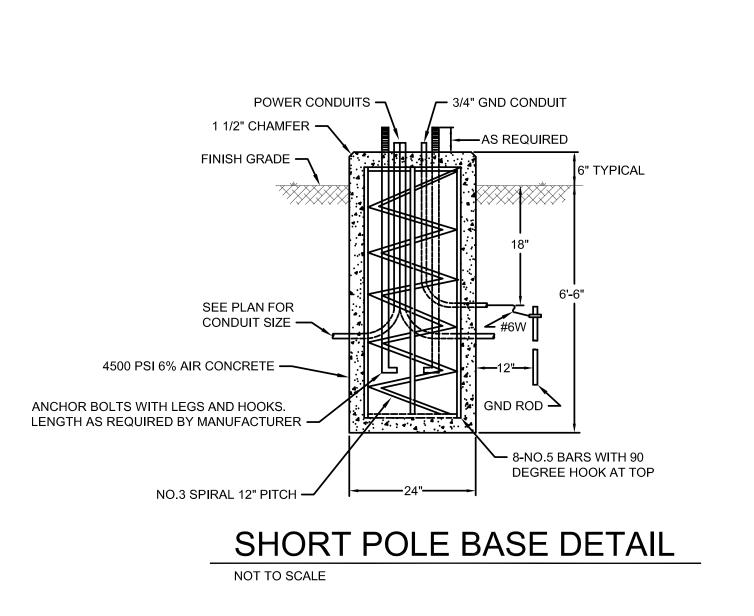


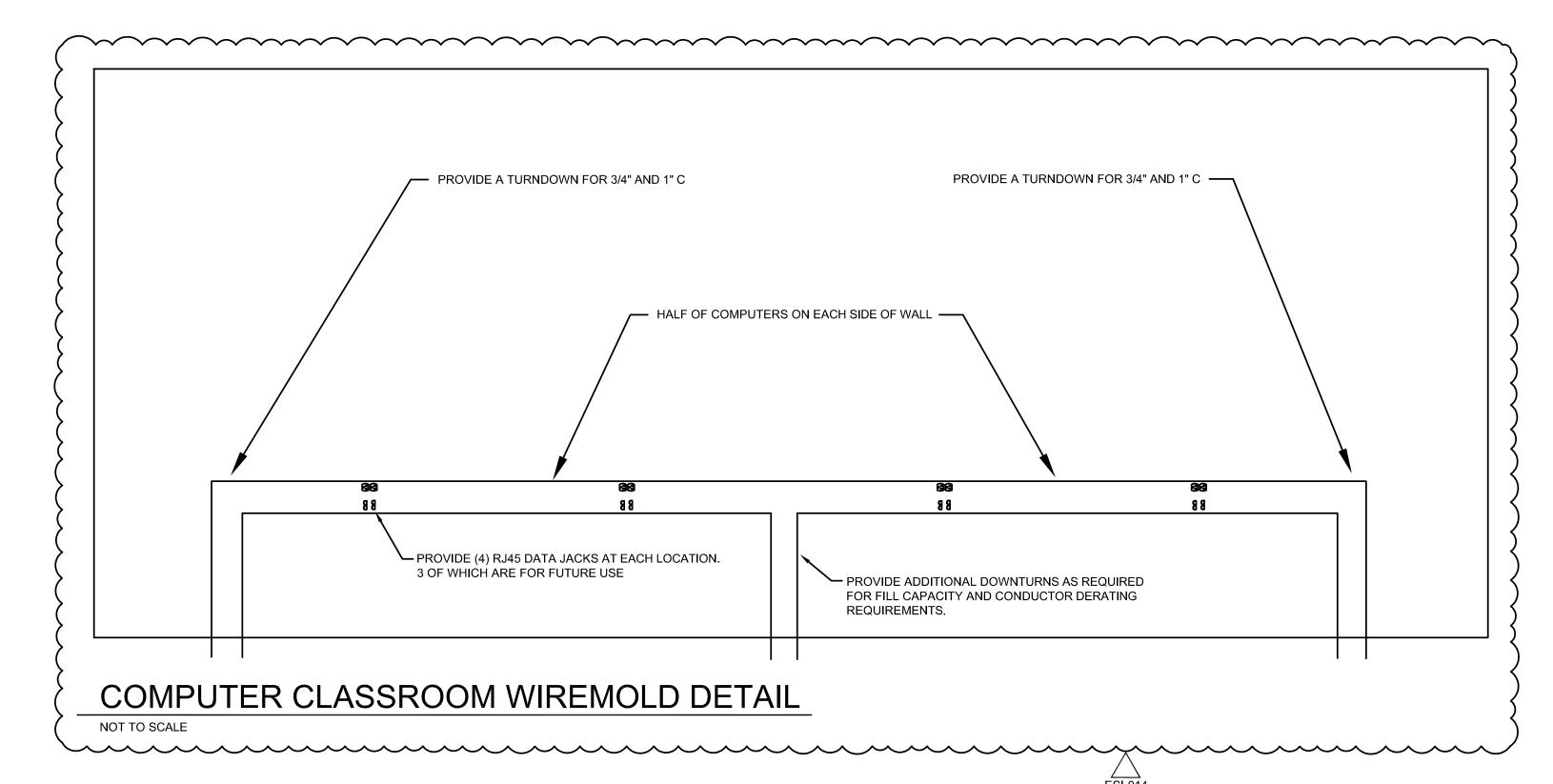


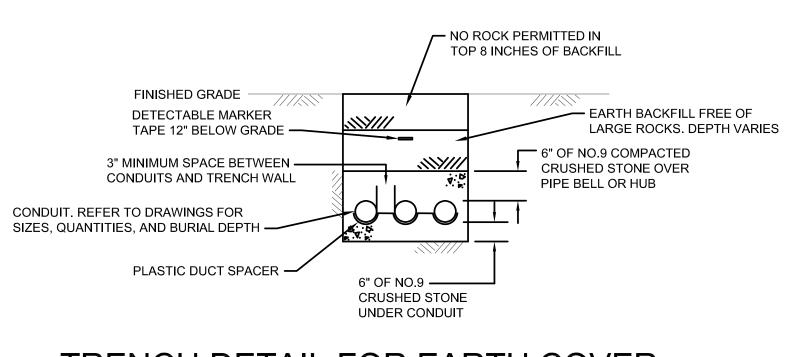






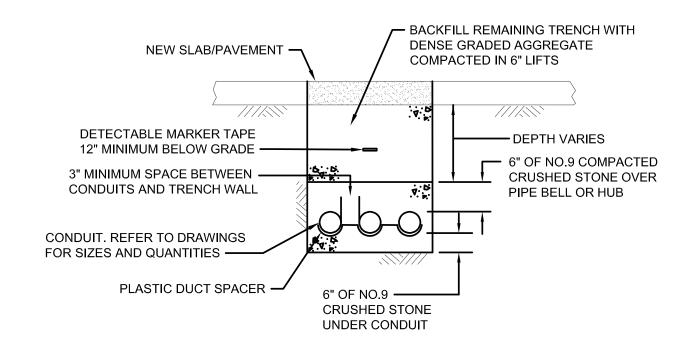






TRENCH DETAIL FOR EARTH COVER

NOT TO SCALE



TRENCH DETAIL FOR NEW SLAB/PAVEMENT

ESI-014 12.12.2023
ESI-014

2 ADDENDUM #2 03.15.2022

ADDENDUM #1 03.08.2022

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ase 6b - Building Replacement & Renovations

Beechwood Elementary School

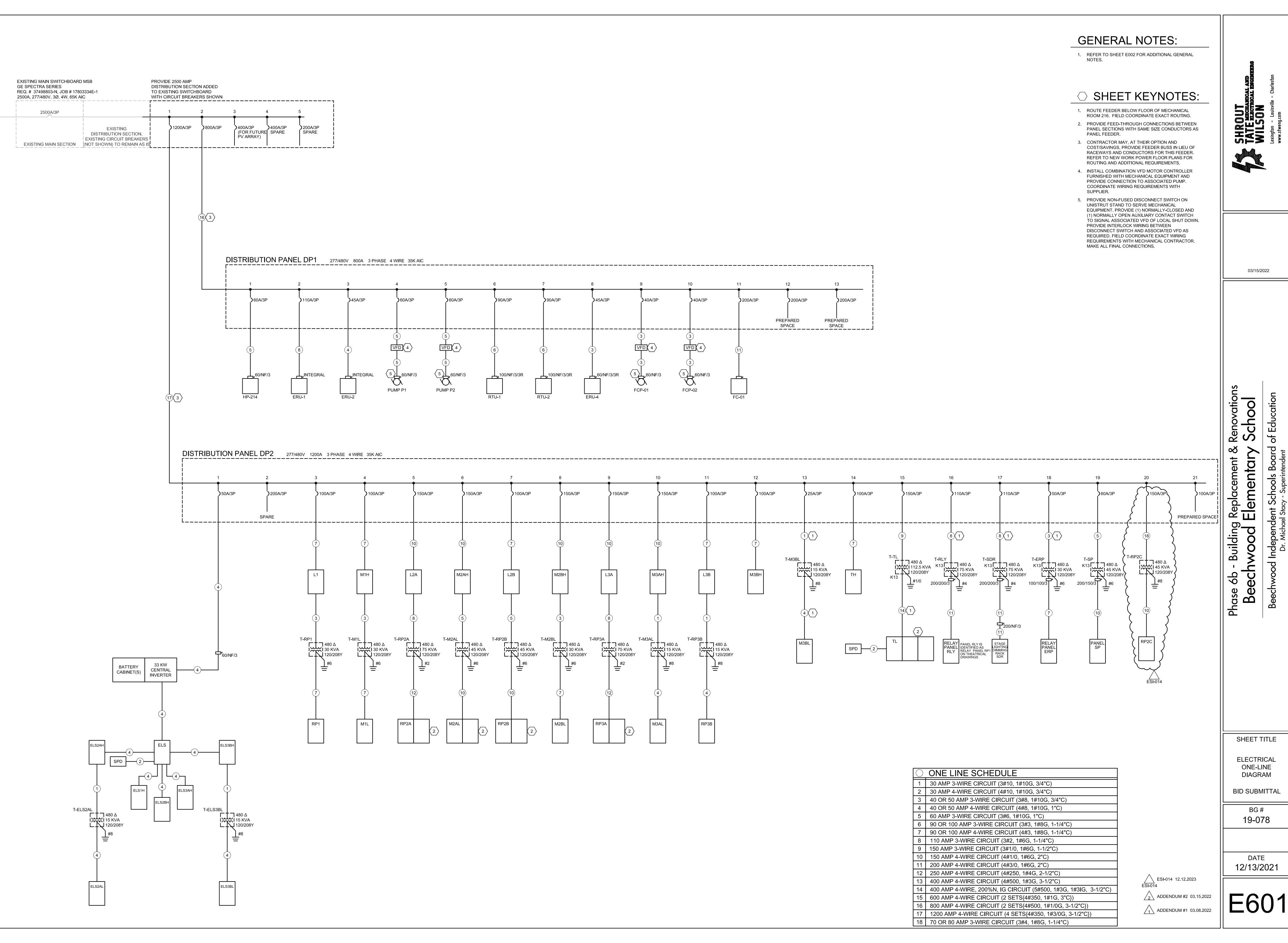
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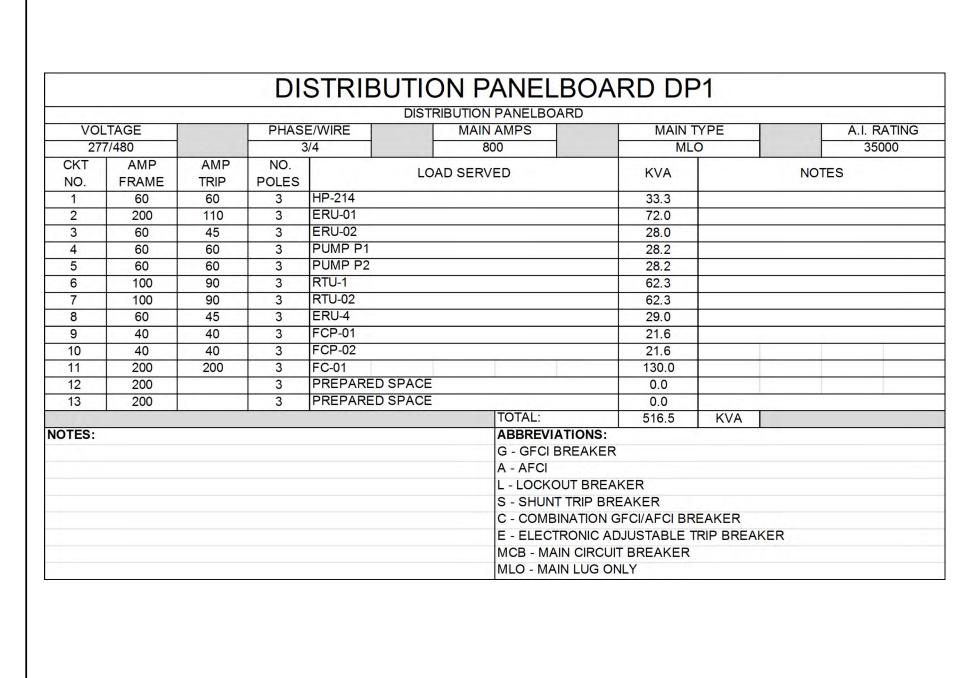
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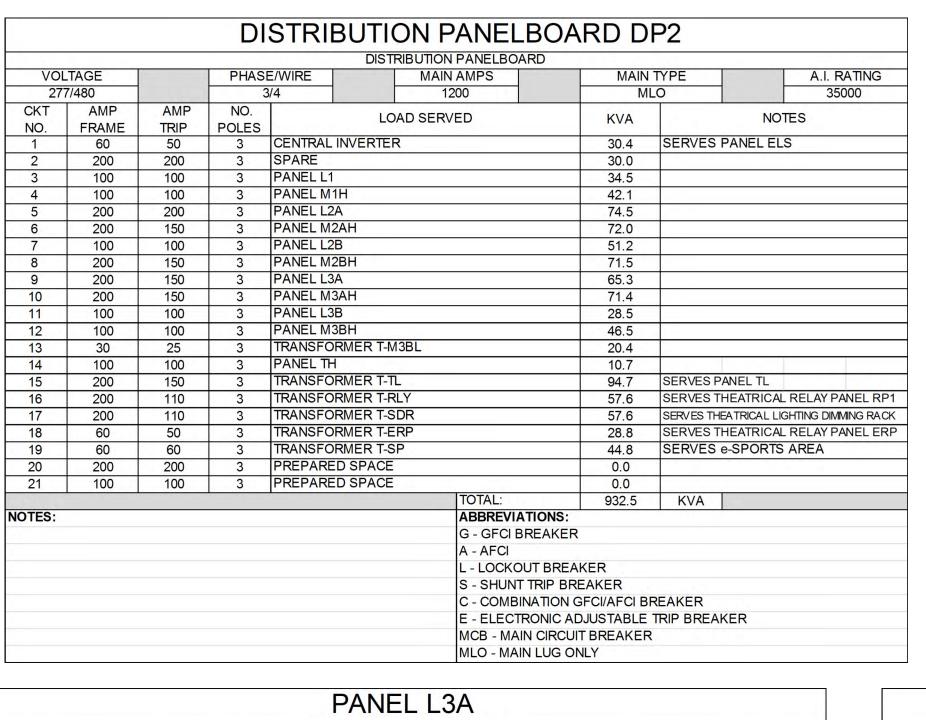
> вс# 19-078

DATE 12/13/2021

E501







						PA	NEL	. L1					
					BRA	NCH CI	RCUIT P	ANELBO	DARD				
V	VOLTAGE 3 PHASE POLES		M	AIN AMI	PS	MAIN	TYPE	A. I. RATING	M	OUNTI	NG		
	277/480		4 WIRE	30		100		M	LO	28,000	S	URFA	CE
POLE	OLE BREAKER LOAD SERVE		CERVER		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POL	
NO.	TRIP	Р			KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO
1	20	1	NORTHWEST PARKING LOT		0.3	0.5			0.2	SPARE	20	1	2
3	20	1	SOUTHWEST WALK WAY		0.1		0.3		0.2	SPARE	20	1	4
5	20	1	FAÇADE LI	GHTING	1.0			1.2	0.2	SPARE	20	1	6
7	20	1	NORTHWES	T STEPLIGHTS	0.1	0.3			0.2	SPARE	20	1	8
9	20	1	SOUTHWES	T STEPLIGHTS	0.1		0.3	15 3 2	0.2	SPARE	20	1	10
11	20	1	LOWER LE	VEL LIGHTING	1.4			1.6	0.2	SPARE	20	1	12
13	20	1	CORRIDOR LC		0.2	0.4			0.2	SPARE	20	1	14
15	20	1	LOWER LE	VEL MECH RM.	0.2		0.4		0.2	SPARE	20	1	16
17	20	1	LOWER LE	VEL STAIRS	0.1			0.3	0.2	SPARE	20	1	18
19	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	20
21	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	22
23	20	1	SPARE		0.2	locr		0.4	0.2	SPARE	20	1	24
25	20	1	SPARE		0.2	10.0			9.8	TRANSFORMER T-RP1	50	3	26
27	20	1	SPARE		0.2		9.1		8.9	-		3	28
29	20	1	SPARE		0.2			8.9	8.7	=		3	30
11.12			P	HASE TOTALS:		11.6	10.5	12.4		TOTAL: 34.5	KVA		
NOTES	:					•	ABBRE	VIATIO	NS:			31.1.1	
							G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOCK	OUT BR	EAKER	₹
							S - SH	UNT TRI	P BREA	KER; C - COMBINATION GF	CI/AFCI E	BREAK	(ER
							E - ELE	CTRON	IIC ADJU	JSTABLE TRIP BREAKER			
							MCB -	MAIN CI	RCUIT E	BREAKER; MLO - MAIN LUG	ONLY		

						PAN	<b>NEL</b>	L2A	\				
					BRA	NCH CI	RCUIT P	ANELBO	DARD				
V	OLTAGE		3 PHASE	POLES	MAIN AMPS   MAIN TYPE				TYPE	A. I. RATING	MOUNTING		
	277/480		4 WIRE	30		150		M	ILO	28,000	S	URFA	CE
POLE	BREAKER LOAD SERVED		CEDVED.	Jan 3	PH	ASE LO	ADS		LOAD SERVED	BREA	KER	PC	
NO.	TRIP	Р	LOAL	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	N
1	20	1	SOUTH COP	RNER LIGHTING	1.6	1.8			0.2	SPARE	20	1	2
3	20	1	FMD AND F	RESTROOM	1.0		1.2		0.2	SPARE	20	1	4
5	20	1	CORRIDOR	104/105 LTG	1.1			1.3	0.2	SPARE	20	1	6
7	20	1	WEST COF	RNER LIGHTING	1.4	1.6			0.2	SPARE	20	1	8
9	20	1	MECH. 103	LTG	0.1		0.3		0.2	SPARE	20	1	1
11	20	1	MECH. 107	LTG	0.2			0.4	0.2	SPARE	20	1	1.
13	20	1	MECH/DAT	A 121,122	0.1	0.3			0.2	SPARE	20	1	1.
15	20	1	BIO LAB 12	20	1.0		1.2		0.2	SPARE	20	1	10
17	20	1	EXT. LTS C	OURTYARD	0.8			1.0	0.2	SPARE	20	1	18
19	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	20
21	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	2
23	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	24
25	20	1	SPARE		0.2	23.5			23.3	TRANSFORMER T-RP2A	110	3	2
27	20	1	SPARE		0.2		19.5		19.3	Ξ		3	2
29	20	1	SPARE		0.2			21.1	20.9	-	[	3	30
			F	PHASE TOTALS:		27.6	22.6	24.2		TOTAL: 74.5	KVA		
NOTES	:						ABBRE	VIATIO	NS:				
							G - GF	CI BREA	AKER; A	- AFCI BREAKER; L - LOCK	OUT BR	EAKE	7
							S - SH	UNT TRI	P BREA	KER; C - COMBINATION GF	CI/AFCI E	BREAK	(ER
							E - ELI	ECTRON	IIC ADJU	JSTABLE TRIP BREAKER			
							MCB -	MAIN C	IRCUIT E	BREAKER; MLO - MAIN LUG	ONLY		

							1EL						
					BRA	NCH CI	RCUIT P	ANELBO	DARD				
V	OLTAGI		3 PHASE	POLES	MA	AIN AMF	PS	MAIN	ITYPE	A. I. RATING	1000	ITAUO	1933
	277/480		4 WIRE	30		100			LO	28,000		URFA	
POLE	BREA	KER	LOAD	SERVED		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POLE
NO.	TRIP	Р			KVA	Α	В	С	KVA		TRIP	Р	NO.
1	20	1		RRIDOR LTG	1.0	1.2			0.2	SPARE	20	1	2
3	20	1		TING 129 LTG	1.0		1.2		0.2	SPARE	20	1	4
5	20	1		TING 129 LTG	1.0	1777		1.2	0.2	SPARE	20	1	6
7	20	1	MECH. 135		0.1	0.3			0.2	SPARE	20	1	8
9	20	1	MAINTENA		0.5		0.7	11:5	0.2	SPARE	20	1	10
11	20	1	LOCKER C	ORRIDOR LTG	0.3			0.5	0.2	SPARE	20	1	12
13	20	1		M. GIRLS LTG	8.0	1.0			0.2	SPARE	20	1	14
15	20	1	LOCKER R	M. BOYS LTG	0.7		0.9		0.2	SPARE	20	1	16
17	20	1	NEW MEDI	A CENTER 134	1.1			1.3	0.2	SPARE	20	1	18
19	20	1	NEW MEDI	A CENTER 134	1.9	2.1			0.2	SPARE	20	1	20
21	20	1	VESTIBULE	ENTRY	1.0		1.2	1	0.2	SPARE	20	1	22
23	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	24
25	20	1	SPARE		0.2	14.0	13.3		13.8	TRANSFORMER T-RP2B	60	3	26
27	20	1	SPARE		0.2		13.5		13.3	=		3	28
29	20	1	SPARE		0.2			11.7	11.5	-		3	30
1,717	7 6		F	PHASE TOTALS:		18.6	17.5	15.1		TOTAL: 51.2	KVA		
NOTES	:						ABBRE	VIATIO	NS:				
							G - GF	CIBREA	KER; A	- AFCI BREAKER; L - LOCK	<b>OUT BR</b>	EAKEF	3
							S - SH	JNT TRI	P BREA	KER; C - COMBINATION GFO	CI/AFCI E	BREAK	ŒR
							E - ELE	CTRON	IC ADJU	JSTABLE TRIP BREAKER			
							MCB -	MAIN CI	RCUIT B	BREAKER; MLO - MAIN LUG	ONLY		

					BRA	NCH CI	RCUIT P	ANELBO	DARD				
V	OLTAGE		3 PHASE	POLES	MA	AIN AME	PS	MAIN	TYPE	A. I. RATING	M	OUNTI	NG
	277/480		4 WIRE	30		150		M	LO	28,000	S	URFAC	CE
POLE	BREA	KER	LOAD	CEDVED.		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POLE
NO.	TRIP	Р	LOAD	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
1	20	1	SOUTHWES	T CORNER	2.2	2.4			0.2	SPARE	20	1	2
3	20	1	NORTHWES	T CORNER	2.0		2.2		0.2	SPARE	20	1	4
5	20	1	WEST CEN	TRAL	0.9			1.1	0.2	SPARE	20	1	6
7	20	1	MECH. 202	LTG	0.2	0.4			0.2	SPARE	20	1	8
9	20	1	WEST COR	RIDORS LTG	0.5		0.7		0.2	SPARE	20	1	10
11	20	1	MECH. 207	LTG	0.1			0.3	0.2	SPARE	20	1	12
13	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	14
15	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	16
17	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	18
19	20	1	SPARE	= 1	0.2	0.4			0.2	SPARE	20	1	20
21	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	22
23	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	24
25	20	1	SPARE		0.2	20.9			20.7	TRANSFORMER T-RP3A	110	3	26
27	20	1	SPARE		0.2		16.4		16.2	-		3	28
29	20	1	SPARE	6 1 2 1 1 1 1	0.2			18.5	18.3			3	30
71.11			Р	HASE TOTALS:		24.5	20.1	20.7		TOTAL: 65.3	KVA		
NOTES	:						ABBRE	VIATIO	NS:				
							G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOCK	<b>OUT BRI</b>	EAKEF	₹
							S - SH	UNT TRII	P BREA	KER; C - COMBINATION GF	CI/AFCI E	BREAK	ER
							E - ELE	ECTRON	IC ADJU	JSTABLE TRIP BREAKER			
							MCB -	MAIN CI	RCUIT E	BREAKER; MLO - MAIN LUG	ONLY		

						1A9	<b>NEL</b>	L <sub>3</sub> E	3				
					BRA	NCH CI	RCUIT P	ANELB	DARD				
V	OLTAGI	E	3 PHASE	POLES	M	AIN AMI	PS	MAIN	TYPE	A. I. RATING	M	OUNTI	NG
	120/208		4 WIRE	30		100		N	ILO	28,000	S	URFA	CE
POLE	BREA	KER	1045	OEDVED		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POLE
NO.	TRIP	Р	LOAL	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
1	20	1	IDEA LAB L	.TG	1.8	2.0			0.2	SPARE	20	1	2
3	20	1	MECH. 216	LTG	1.2		1.4		0.2	SPARE	20	1	4
5	20	1	LOBBY LTC	3	2.5			2.7	0.2	SPARE	20	1	6
7	20	1	LOBBY LTG	}	2.5	2.7			0.2	SPARE	20	1	8
9	20	1	MECH. 216	LTG	0.1		0.3		0.2	SPARE	20	1	10
11	20	1	TAPE ACC	ENT LTG	0.4	3 - 1	la in the	0.6	0.2	SPARE	20	1	12
13	20	1	VESTIBULE	LTG	0.4	0.6			0.2	SPARE	20	1	14
15	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	16
17	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	18
19	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	20
21	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	22
23	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	24
25	20	1	SPARE		0.2	5.6			5.4	TRANSFORMER T-RP3B	25	3	26
27	20	1	SPARE		0.2		5.8		5.6	-		3	28
29	20	1	SPARE		0.2	17,5		4.8	4.6	-		3	30
71.15			P	HASE TOTALS		11.3	8.3	8.9	1277	TOTAL: 28.5	KVA		
NOTES	:						ABBRE	VIATIO	NS:				
							G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOCK	<b>OUT BR</b>	EAKE	7
							S - SH	UNT TRI	P BREA	KER; C - COMBINATION GF	CI/AFCI I	BREAK	(ER
							E - ELE	ECTRON	IIC ADJU	JSTABLE TRIP BREAKER			
							MCB -	MAIN C	IRCUIT E	BREAKER; MLO - MAIN LUG	ONLY		

							NEL						
V	OLTAG	E	3 PHASE	POLES		AIN AME			TYPE	A. I. RATING	I M	OUNTII	NG
	120/208		4 WIRE	42		100		7 2 3 3 3 3	1CB	22,000		URFAC	
POLE						2.00	ASE LO	2.5			BREA		POL
NO.	TRIP	Р	LOAD	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
1	20	1	DRESSING	RM. L110 REC	1.2	2.0			0.8	MECH. L108 REC	20	1	2
3	20	1	DRESSING	RM. L110 REC	1.2		1.7		0.5	MAKE-UP MIRROR LTG	20	1	4
5	20	1	DRESSING	RM. L110 REC	1.2			1.4	0.2	SPARE	20	1	6
7	20	1	DRESSING	RM. L110 REC	1.2	1.4			0.2	SPARE	20	1	8
9	20	1	DRESSING	RM. L110 REC	1.2		1.4		0.2	SPARE	20	1	10
11	20	1	DRESSING	RM. L110 REC	1.2			1.4	0.2	SPARE	20	1	12
13	20	1	DRESSING	RM. L110 REC	1.2	1.4			0.2	SPARE	20	1	14
15	20	1	DRESSING	RM. L109 REC	1.2		1.4		0.2	SPARE	20	1	16
17	20	1	DRESSING	RM. L109 REC	1.2			1.4	0.2	SPARE	20	1	18
19	20	1	DRESSING	RM. L109 REC	1.2	1.4			0.2	SPARE	20	1	20
21	20	1	DRESSING	RM. L109 REC	1.2		1.4		0.2	SPARE	20	1	22
23	20	1	DRESSING	RM. L109 REC	1.2			1.4	0.2	SPARE	20	1	24
25	20	1	DRESSING	RM. L109 REC	1.2	1.4			0.2	SPARE	20	1	26
27	20	1	DRESSING	RM. L109 REC	1.2		1.4		0.2	SPARE	20	1	28
29	20	1	CORRIDOR	LC REC	0.7			0.9	0.2	SPARE	20	1	30
31	20	1	CORRIDOR	LC EWC	1.2	1.4			0.2	SPARE	20	1	32
33	20	1	GREEN RM	1. L111 REC	0.6		0.8		0.2	SPARE	20	1	34
35	20	1	GREEN RM	1. L111 REC	0.6			0.8	0.2	SPARE	20	1	36
37	20	1	BAND/COS	TUME REC	0.6	0.8			0.2	SPARE	20	1	38
39	20	1	BAND/COS	TUME REC	0.6		0.8		0.2	SPARE	20	1	40
41	20	1	DRESSING	RM. & RR	1.2			1.4	0.2	SPARE	20	1	42
L. A.	10		F	PHASE TOTALS:		9.8	8.9	8.7		TOTAL: 27.4	KVA		
NOTES	<b>:</b>					•		VIATIO					
									the state of the s	- AFCI BREAKER; L - LOCK			
										KER; C - COMBINATION GF	CI/AFCI E	BREAK	.ER
										STABLE TRIP BREAKER			
							MCB -	MAIN C	IRCUIT B	REAKER; MLO - MAIN LUG	ONLY		

				PANEL	RP	2A	(SE	CTI	NC	I OF 2)			
	A-T			4	BRA	NCH CII	RCUIT P	ANELBO	DARD		y 16		7
	OLTAG		3 PHASE	POLES	MA	IMA NIA	PS	MAIN	ITYPE	A. I. RATING	M	IITNUO	NG
	120/208		4 WIRE	84		250	Tal Soll	IV	ICB	22,000	S	URFAC	Œ
POLE	BREA	KER	LOAD	SERVED		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POLE
NO.	TRIP	Р		SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
1	20	1	FMD 123	- 44	1.0	2.2			1.2	WORKROOM 108A REFR.	20G	1	2
3	20	1	FMD 123		1.5		2.5		1.0	WORKROOM 108A COPIER	20	2	4
5	20	1	FMD 123		1.5			2.5	1.0	-	-	-	6
7	20	1	FMD 123	T	0.8	1.8			1.0	WORKROOM 108B COPIER	20	1	8
9	20	1	TICKETING '	128	0.8		2.0		1.2	TRAINING RM. 105 REC	20	1	10
11	20G	1	EWC REC		1.2			2.0	0.8	COUNSELOR 112 REC	20	1	12
13	20	1	CORRIDOR	102 REC	~1.0~	1.4			0.4	COUNSELOR 112 REC	20	1	14
15	20	1	WORK ARE	A 102 REC	0.9	$\mathcal{V}\setminus$	1.5		0.6	COUNSELOR 113 REC	20	1	16
17	20	1	WORK ARE	A 102 REC	0.6	SI-014		1.4	0.8	COUNSELOR 113 REC	20	1	18
19	20	1	DIRECTOR 1	102A REC	0.8	2.0			1.2	COUNSELOR 114 REC	20	1	20
21	20	1	DIRECTOR '	102A REC	1.0		2.2		1.2	COUNSELOR 115 REC	20	1	22
23	20	1	SRO 102B/S	FOR 102C REC	1.0			2.2	1.2	TECH BAR 101 FLOOR	20	1	24
25	20	1	BOARD RO	OM 104 REC	14	2.0			0.6	TECH BAR 101 REC	20	1	26
27	20	1	BOARD RO	OM 104 REC (	1.0	1	1.5		0.5	SPARE	20	1	28
29	20	1	TRAINING R	OOM 105 REC	0.9			1.7	0.8	MECH. 103 REC	20	1	30
31	20	1	TRAINING R	OOM 105 REC	1.0	2.2			1.2	MECH. 107 REC	20	1	32
33	20	1	RM. 106/108	3/109 REC	4.0	$\wedge$	1.8		0.8	CORRIDOR C105 REC	20	1	34
35	20	1	COUNSELO	R 110 REC	0.8 <sub>ES</sub>	014		2.2	1.4	SUPERINTENDENT 116	20	1	36
37	20	1	COUNSELO	R 110 REC	0.4	1.6			1.2	SUPERINTENDENT 116	20	1	38
39	20	1	COUNSELO	R 111 REC	0.8		1.6	E	0.8	MECH. 121 REC	20	1	40
41	20	1	COUNSELO	R 111 REC	0.4			1.6	1.2	RESTROOMS REC	20	1	42
			SEC	TION 2 LOADS:		10.1	6.2	7.3					
			PI	HASE TOTALS:		23.3	19.3	20.9		TOTAL: 63.6	KVA		
NOTES 1. PRO		ANEL	WITH FEED-	THROUGH LUGS	6		G - GF		KER; A	- AFCI BREAKER; L - LOCK			
										KER; C - COMBINATION GFO	CI/AFCI E	BREAK	.ER
										ISTABLE TRIP BREAKER	5.51		
							MCB -	MAIN C	RCUIT B	REAKER; MLO - MAIN LUG	ONLY		

					BRA	NCH CIF	RCUIT P	ANELBO	DARD				
V	OLTAG		3 PHASE	POLES	MA	AIN AME	PS	MAIN	ITYPE	A. I. RATING	M	OUNTI	NG
7 - 7	120/208		4 WIRE	84		250		M	ILO	22,000	S	URFAC	CE
POLE	BREA	KER	100	CEDVED		PH	ASE LO	ADS		LOAD CEDVED	BREA	KER	POLE
NO.	TRIP	Р	LOAL	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
43	20	1	CONFERE	NCE 118 REC	1.4	1.9			0.5	CONFERENCE 118 SIGN	20	1	44
45	20	1	CONFERE	NCE 118 REC	0.4		1.1		0.7	BIO LAB 120 RECEPTACLE CLUSTER	20	1	46
47	20	1	CONFERE	NCE 118 FLOOR	1.2			1.9	0.7	BIO LAB 120 RECEPTACLE CLUSTER	20	1	48
49	20	1	RECEPTIO	N 119 COPIER	1.2	1.9			0.7	BIO LAB 120 RECEPTACLE CLUSTER	20	1	50
51	20	1	RECEPTIO	N 119 REC	0.6		1.0		0.4	SRO 102 B RECPTS	20	1	52
53	20	1	RECEPTIO	N/VEST. SV1	0.6			0.8	0.2	SPARE	20	1	54
55	20	1	LOBBY CA	1	1.2	1.4			0.2	SPARE	20	1	56
57	20	1	LOBBY CA	1	0.4		0.6	-	0.2	SPARE	20	1	58
59	20	1	LOBBY CA	1	0.4			0.6	0.2	SPARE	20	1	60
61	20	1	BIO LAB 12	20	0.9	1.1			0.2	SPARE	20	1	62
63	20	1	BIO LAB 12	20	0.6		0.8		0.2	SPARE	20	1	64
65	20	1	BIO LAB 12	20	0.8			1.0	0.2	SPARE	20	1	66
67	20	1	BIO LAB 12	20	0.8	1.0			0.2	SPARE	20	1	68
69	20	1	STAIR S1 F	REC	0.4		0.6	7 %	0.2	SPARE	20	1	70
71	20	1	TECH BAR	101 SIGN	0.5			0.7	0.2	SPARE	20	1	72
73	20	1	WORKROO	M 108A CTR	1.2	1.4	1111		0.2	SPARE	20	1	74
75	20	1	WORKROO	M 108A CTR	1.2		1.4		0.2	SPARE	20	1	76
77	20	1	WORKROO	M 108A CTR	1.2			1.4	0.2	SPARE	20	1	78
79	20	1	WORKROO	DM 108A CTR	1.2	1.4			0.2	SPARE	20	1	80
81	20	1	SPARE		~0.5		0.7		0.2	SPARE	20	1	82
83	20	1	BOARD RM	1. 104 REC	0.7	)		0.9	0.2	SPARE	20	1	84
		THIS	SECTION F	PHASE TOTALS:	$\overline{\gamma}$	10.1	6.2	7.3		(REFER TO SECTION 1 FO	R TOTA	L KVA)	
IOTES	:				$\overline{}$		ABBRE	VIATIO	NS:				
					ESI-014		G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOCK	OUTBR	EAKEF	2
							S - SH	<b>JNT TRI</b>	P BREA	KER; C - COMBINATION GFO	CI/AFCI E	BREAK	ER
							E - ELE	CTRON	IC ADJU	STABLE TRIP BREAKER			
							MCB -	MAIN C	RCUIT B	REAKER; MLO - MAIN LUG	ONLY		

					BRA	NCH CII	RCUIT P	ANELBO	DARD				L -	1
V	OLTAGE		3 PHASE	POLES	MA	AIN AME	PS	MAIN	ITYPE	A. I. I	RATING	М	OUNTI	NG
	120/208		4 WIRE	84		150		M	ICB	22	2,000	S	URFAC	CE
POLE	BREA	KER	100	SERVED -	-	PH	ASE LO	ADS		LOAD	SERVED	BRE/	KER	POL
NO.	TRIP	Р	LOAL	SERVED	KVA	Α	В	С	KVA	LOAD	SERVED	TRIP	Р	NO
1	20	1	CORRIDOR	103 REC	0.6	1.4			0.8	MAINTENAN	CE G104	20	1	2
3	20	1	ESPORTS	134A REC	0.6		1.8		1.2	MAINTENAN	CE G104	20	1	4
5	20	1	STUDY RM	. 134C	8.0			2.0	1.2	OFFICE G10	5A	20	1	6
7	20	1	MECH. 135		0.4	1.8			1.4	LOCKER RM	I. G105	20	1	8
9	20	1	NURSE 136	3	0.6		1.0		0.4	LOCKER RM	l. G105	20	1	10
11	20	1	NURSE 136	6	0.5			0.9	0.4	RESTROOM	G105B	20	1	12
13	20	1	MEDIA CEI	NTER 134 STAIR	0.6	1.8			1.2	EWC REC		20G	1	14
15	20	1	MEDIA CEN	TER 134 NORTH	0.6		1.8		1.2	EXISTING MI	ECH. EQUIP.	20	1	16
17	20	1	MEDIA CEN	TER 134 SOUTH	0.7		1 7	1.2	0,5	EW61	~~~	200	<b>1</b>	18
19	20	1	MEDIA CEN	TER 134 FLOOR	1.2	2.4			1.2	USB REC. S	OCIAL STEPS	20	1	20
21	20	1	MEDIA CEN	TER 134 FLOOR	1.2		2.4		1.2		OCIAL STEPS	20	1	22
23	20	1	MEDIA CEN	TER 134 FLOOR	1.4	15.5		1.6	0.2	SPARE	$\overline{}$	20	4	24
25	20	1	VIDEO EDI	TING REC	1.4	1.6		- 111	0.2	SPARE		20	1	26
27	20	1	VIDEO EDI	TING REC	0.5		0.7		0.2	SPARE	ESI-014	20	1	28
29	20	1	VIDEO EDI	TING REC	8.0			1.0	0.2	SPARE		20	1	30
31	20	1	VIDEO EDI	TING FLOOR	1.2	1.4		17.	0.2	SPARE		20	1	32
33	20	1	LOCKER R	M. G100	1.4		1.6		0.2	SPARE		20	1	34
35	20	1	OFFICE G1	00A REC	1.0			1.2	0.2	SPARE		20	1	36
37	20	1	RESTROOF	M G100B	0.4	0.6			0.2	SPARE		20	1	38
39	20	1	TRAINING I	RM. G101	1.0		1.2	2.5.	0.2	SPARE		20	1	40
41	20	1	CORRIDOR	GC101 REC	0.6			0.8	0.2	SPARE		20	1	42
			SEC	CTION 2 LOADS:		2.8	2.8	2.8						
O LU			F	PHASE TOTALS:		13.8	13.3	11.5	10	TOTAL:	38.6	KVA		
NOTES	7					,		VIATIO						
1. PRC	VIDE P	ANEL	WITH FEED	-THROUGH LUGS							KER; L - LOCKO			
											IBINATION GFC	I/AFCI I	BREAK	ER
										ISTABLE TRIP				
							MCB -	MAIN C	<b>IRCUIT B</b>	REAKER; ML	O - MAIN LUG (	YJNC		

				IANLL			RCUIT P			2 OF 2)			
V	OLTAG	F	3 PHASE	POLES		AIN AM			TYPE	A. I. RATING	l M	OUNTI	NG
	120/208		4 WIRE	84	1417	150		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ILO	22,000		URFA	
POLE		KER		3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			ASE LO					AKER	POL
NO.	TRIP	Р	LOAD	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	P	NO.
43	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	44
45	20	1	SPARE	1	0.2		0.4		0.2	SPARE	20	1	46
47	20	1	SPARE	- 1	0.2			0.4	0.2	SPARE	20	1	48
49	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	50
51	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	52
53	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	54
55	20	1	SPARE	- 1	0.2	0.4			0.2	SPARE	20	1	56
57	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	58
59	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	60
61	20	1	SPARE		0.2	0.4		12.1	0.2	SPARE	20	1	62
63	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	64
65	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	66
67	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	68
69	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	70
71	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	72
73	20	1	SPARE	- 1	0.2	0.4			0.2	SPARE	20	1	74
75	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	76
77	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	78
79	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	80
81	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	82
83	20	1	SPARE		0.2			0.4	0.2	SPARE	20	1	84
		THIS	SECTION F	PHASE TOTALS:	10000	2.8	2.8	2.8	5 5	(REFER TO SECTION 1 FO	R TOTA	L KVA	)
NOTES	•							VIATIO					
1.										- AFCI BREAKER; L - LOCK			
2.										KER; C - COMBINATION GFO	CI/AFCI I	BREAK	(ER
										ISTABLE TRIP BREAKER			
							MCB -	MAIN C	IRCUIT B	BREAKER; MLO - MAIN LUG	ONLY		

			41.	PANEL			RCUIT P							
V	OLTAGE		3 PHASE	POLES	MA	AIN AME	PS	MAIN	TYPE	A. I.	RATING	M	OUNTI	NG
	120/208		4 WIRE	84		250		M	СВ	22	2,000	S	URFA	CE
POLE	BREA	KER	1005	O CEDVED		PH	ASE LO	ADS		LOAD	CEDVED	BREA	KER	POLE
NO.	TRIP	Р	LOAL	D SERVED -	KVA	Α	В	С	KVA	LUAD	SERVED	TRIP	Р	NO.
1	20	1	CLASSRO	OM 201 REC	1.4	1.8			0.4	CLASSROO	M 204 REC	20	1	2
3	20	1	the state of the s	OM 201 REC	1.0		1.6		0.6	CLASSROO	M 205 REC	20	1	4
5	20	1	CLASSRO	OM 201 REC	0.7			1.7	1.0	CLASSROO	M 205 REC	20	1	6
7	20	1	MEDIA 203	REC	1.2	2.7			1.5	CLASSROO	M 205 REC	20	1	8
9	20	1	MEDIA 203	REC	0.9		1.3		0.4	CLASSROO	M 206 REC	20	1	10
11	20	1	MEDIA 203	REC	1.2			2.0	0.8	CLASSROO	M 206 REC	20	1	12
13	20	1	MEDIA 203	REC	0.5	1.9			1.4	CLASSROO	M 206 REC	20	1	14
15	20	1	MEDIA 203	REC DESK	0.4		1.1		0.7	CLASSROO	M 206 REC	20	1	16
17	20	1	MEDIA 203	REC DESK	0.4			1.2	0.8	MECH. 207	REC	20	1	18
19	20	1	MEDIA 203	The state of the s	0.2	1.0			0.8	AG SCIENC		20	1	20
21	20	1	Control of the Control of the Control	FLOOR REC	0.8		1.3		2.5	AG SCIENC		20	1	22
23	20	1		FLOOR REC	0.8			1.8/	1.0	AG SCIENC		20	1	24
25	20	1		FLOOR REC	8.0	2.2		Z	14	AG SCIENC		20	1	26
27	20	1		FLOOR REC	8.0		2.3	ESI-C	141.5	RESOURCE		20	1	28
29	20	1	OFFICE 20		1.2	le se		2.0	0.8	RESOURCE		20	1	30
31	20	1		R C201 REC	0.9	1.5	1, 11		0.6	RESOURCE		20	1	32
33	20	1	Action to the state of the stat	R C201 REC	8.0		1.5		0.7		ATION LOBBY	20	1	34
35	20	1		R C200 REC	0.4			1.6	1.2		ATION LOBBY	20	1	36
37	20	1	STAFF RR		1.3	1.9			0.6		ATION LOBBY	20	1	38
39	20	1		OM 204 REC	1.4		1.8	1-,-	0.4	RR 213, 214		20	1	40
41	20	1	A CONTRACTOR OF THE PROPERTY O	OM 204 REC	1.0			2.2	1.2	EWC REC		20G	1	42
				CTION 2 LOADS:		7.7	5.3	5.8						
Lating.			F	PHASE TOTALS:		20.7	16.2	18.3		TOTAL:	55.2	KVA		
NOTES				A COLORED AN				VIATIO						
1. PRC	VIDE P	ANEL	WITH FEED	-THROUGH LUGS			the second second second				KER; L - LOCK			
											IBINATION GFO	I/AFCI E	BREAK	ER
										STABLE TRIF				
							MCB -	MAIN CI	RCUIT B	REAKER; ML	O - MAIN LUG	ONLY		

					BRA	NCH CI	RCUIT P	ANELBO	DARD				
V	OLTAG		3 PHASE	POLES	M	AIN AMI	PS	MAIN	TYPE	A. I. RATING	M	OUNTI	NG
	120/208		4 WIRE	84		250		M	LO	22,000	S	URFA	CE
POLE	BREA	KER	1005	0000/00		PH	ASE LOA	ADS		LOAD CEDVED	BREA	KER	POL
NO.	TRIP	Р	LOAL	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.
43	20	1	COMP. SC	IENCE 209	1.4	1.6			0.2	SPARE	20	1	44
45	20	1	COMP. SC	IENCE 209	0.4		0.6		0.2	SPARE	20	1	46
47	20	1	COMP. SC	IENCE 209	0.9			1.1	0.2	SPARE	20	1	48
49	20	1	COMP. SCIE	NCE 209 FLOOR	0.4	0.6			0.2	SPARE	20	1	50
51	20	1	COMP. SCIE	NCE 209 FLOOR	0.4	1 - 2 - 2	0.6		0.2	SPARE	20	1	52
53	20	1	COMP. SCIE	NCE 209 FLOOR	0.4			0.6	0.2	SPARE	20	1	54
55	20	1	COMP. SCIE	NCE 209 FLOOR	0.4	0.6			0.2	SPARE	20	1	56
57	20	1	COMP. SCIE	NCE 209 FLOOR	0.4		0.6		0.2	SPARE	20	1	58
59	20	1	COMP. SCIE	NCE 209 FLOOR	0.4			0.6	0.2	SPARE	20	1	60
61	20	1	COMP. SCIE	NCE 209 FLOOR	0.4	0.6			0.2	SPARE	20	1	62
63	20	1	COMP. SCIE	NCE 209 FLOOR	0.4		0.6		0.2	SPARE	20	1	64
65	20	1	EXTERIOR E	ENTRANCE REC	0.4			0.6	0.2	SPARE	20	1	66
67	20	1	MECH. 202	REC	1.6	1.8			0.2	SPARE	20	1	68
69	30	1	OVERHEAD	D DOOR 204	1.9		2.1		0.2	SPARE	20	1	70
71	30~	1~	QVERHEA	D DOOR 209	V1.8			2.1	0.2	SPARE	20	1	72
73	20	1	OVERHEAD	D DOOR 206	1.9	2.1			0.2	SPARE	20	1	74
75	20	1	TICKER SC	REEN 208	0.2		0.4		0.2	SPARE	20	1	76
77	20	1	TICKER SC	REEN 206	0.2			0.4	0.2	SPARE	20	1	78
79	20	4	SPARE		0.2	0.4			0.2	SPARE	20	1	80
81	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	82
83	20	1	SPARE	ESI-014	0.2			0.4	0.2	SPARE	20	1	84
40.7		THIS	SECTION F	PHASE TOTALS:	-1	7.7	5.3	5.8		(REFER TO SECTION 1 FO	OR TOTA	L KVA	)
NOTES	:					'	ABBRE	VIATIO	NS:				
							G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOCK	OUTBR	EAKER	7
							S - SHL	JNT TRI	P BREA	KER; C - COMBINATION GF	CI/AFCI I	BREAK	(ER
							E - ELE	CTRON	IIC ADJU	STABLE TRIP BREAKER			
							MCB - I	MAIN C	RCUIT B	REAKER; MLO - MAIN LUG	ONLY		

					RPAN	ICH CII	PCI IIT D	ANELBO	)APD				
\/	OLTAGI	_	3 PHASE PO	LES		IN AME	177 516 7		TYPE	A. I. RATING	I M	IITNUO	NG
	120/208			2	IVIA	50	0		CB	22,000		URFAC	
POLE	ACT 01 11 11 11 11 11 11 11 11 11 11 11 11		4 VVIRE 4	2			ASE LO		СБ	22,000	BREA		POLE
NO.	TRIP	P	LOAD SERVE	ED K	(VA	Α	B	C	KVA	LOAD SERVED	TRIP	P	NO.
1	20	1	IDEA LAB 215 REC		1.4	1.6	-		0.2	SPARE	20	1	2
3	20	1	IDEA LAB 215 REC		0.5	1.0	0.7		0.2	SPARE	20	1	4
5	20	1	IDEA LAB 215 REC		0.8			1.0	0.2	SPARE	20	1	6
7	20	1	STORAGE 215A RI		0.4	0.6			0.2	SPARE	20	1	8
9	20	1	OFFICE 215B REC	1	1.0		1.2		0.2	SPARE	20	1	10
11	20	1	MECH. 216 REC	1	1.2			1.4	0.2	SPARE	20	1	12
13	20	1	MECH. 216 REC	1	1.2	1.4			0.2	SPARE	20	1	14
15	20	1	MECH. 216 REC	1	1.3		1.5		0.2	SPARE	20	1	16
17	20	1	WALKWAY REC	C	0.4			0.6	0.2	SPARE	20	1	18
19~	20	<b>~</b>	RESTROOM REC	~~~~	A	0.6		7:17	0.2	SPARE	20	1	20
21	20	1	POKE THRU REC.	215	0.8		1.0		0.2	SPARE	20	1	22
23	201	1	SPARE SPARE		2.2	1		0.4	0.2	SPARE	20	1	24
25	20	1	SPARE	C	0.2	0.4			0.2	SPARE	20	1	26
27	20	1	SPARE ESI-014	C	0.2		0.4		0.2	SPARE	20	1	28
29	20	1	SPARE	C	0.2	1	12.	0.4	0.2	SPARE	20	1	30
31	20	1	SPARE	C	0.2	0.4			0.2	SPARE	20	1	32
33	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	34
35	20	1	SPARE	C	0.2			0.4	0.2	SPARE	20	1	36
37	20	1	SPARE		0.2	0.4			0.2	SPARE	20	1	38
39	20	1	SPARE		0.2		0.4		0.2	SPARE	20	1	40
41	20	1	SPARE		0.2	1		0.4	0.2	SPARE	20	1	42
			PHASE	TOTALS:		5.4	5.6	4.6		TOTAL: 15.6	KVA		
OTES	:						2 2 2 2 2 2	VIATIO					
										- AFCI BREAKER; L - LOC			
										KER; C - COMBINATION GI	FCI/AFCI E	BREAK	ER
										JSTABLE TRIP BREAKER BREAKER; MLO - MAIN LUO			

^		
ESI-014	ESI-014	12.12.2023
$\frac{1}{2}$	ADDENDUM #2	03.15.2022
1	ADDENDUM #1	03.08.2022

Phase 6b - Building Replacement & Renovation Beechwood Elementary School

03/15/2022

SHEET TITLE

ELECTRICAL
SCHEDULES

BID SUBMITTAL

вс # **19-078** 

DATE 12/13/2021

E602

						PA	NEL	.TH							
					BRA	NCH CI	RCUIT P	ANELBO	DARD		- " 1.				
V	VOLTAGE 3 PHASE POLES MAIN AMP						PS	MAIN	TYPE	A. I. RATING	M	OUNTI	NG		
	277/480		4 WIRE	42		100		M	LO	28,000	S	URFA	CE		
POLE	BREAKER LOAD SERVED PI						ASE LO	ADS		LOAD CEDVED	BREA	KER	POLE		
NO.	TRIP	Р	LOAD	SERVED	KVA	Α	В	С	KVA	LOAD SERVED	TRIP	Р	NO.		
1	20	1	STAGE HOL	JSE LIGHTING	0.7	0.7			0.0	SPACE		1	2		
3	20	1	SPARE		0.5		0.5		0.0	SPACE		1	4		
5	20	1	SPARE		0.5		77	0.5	0.0	SPACE		1	6		
7	20	1	SPARE		0.5	0.5			0.0	SPACE		1	8		
9	20	1	SPARE		0.5		0.5		0.0	SPACE		1	10		
11	20	1	SPARE		0.5			0.5	0.0	SPACE		1	12		
13	20	1	SPARE		0.5	0.5			0.0	SPACE		1	14		
15	20	1	SPARE		0.5		0.5		0.0	SPACE		1	16		
17	20	1	SPARE		0.5			0.5	0.0	SPACE		1	18		
19	20	1	SPARE		0.5	0.5			0.0	SPACE		1	20		
21	20	1	SPARE		0.5		0.5		0.0	SPACE		1	22		
23	20	1	SPARE		0.5		muzi	0.5	0.0	SPACE		1	24		
25	20	1	SPARE		0.5	0.5			0.0	SPACE		1	26		
27	20	1	SPARE		0.5		0.5		0.0	SPACE		1	28		
29	20	1	SPARE		0.5		mail and	0.5	0.0	SPACE		1	30		
31	20	1	SPARE		0.5	0.5		- 1	0.0	SPACE		1	32		
33	20	1	SPARE		0.5		0.5		0.0	SPACE		1	34		
35	20	1	SPARE		0.5			0.5	0.0	SPACE		1	36		
37	20	1	SPARE		0.5	0.5			0.0	SPACE		1	38		
39	20	1	SPARE		0.5		0.5		0.0	SPACE		1	40		
41	20	1	SPARE		0.5		i i i i i i i i i i i i i i i i i i i	0.5	0.0	SPACE		1	42		
			PI	HASE TOTALS:	- 4 - 1	3.7	3.5	3.5		TOTAL: 10.7	KVA				
OTES	:			,				VIATIO							
							G - GF	CI BREA	KER; A	- AFCI BREAKER; L - LOC	KOUT BR	EAKE	7		
2.							S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER								
							E - ELECTRONIC ADJUSTABLE TRIP BREAKER								
							MCB -	MAIN C	RCUIT B	BREAKER; MLO - MAIN LU	G ONLY				

				FAIN		•				OF 3)			
1//	VOLTAGE 3 PHASE POLES MAIN AMP								TYPE	A. I. RATING	NA.	OUNTI	NC
	120/208		3 PHASE 4 WIRE	POLES 126	IVIZ	400	-3		CB	22.000		URFA	
							ASE LO	200	СВ	22,000	BREA		
POLE		P	LOAD	SERVED	KVA	T A	B B	L C	KVA	LOAD SERVED	TRIP	P	POLE
NO.	TRIP		SUBCE DE									NO.	
3	30	3	SURGE PR	OTECTION	0.0	0.8	0.4			AUDIO 129B	20 20	1	2
		-	-		0.0		0.4	0.4	0.4			1	4
5		3	-	OD 1 407 DEO	0.0	1 1 1		0.4	0.4	CONTROL 130	20	1	6
7	20	1	The second secon	OP L107 REC	0.8	1.4			0.6	CONTROL 130	20	1	8
9	20	1		OP L107 REC	0.4		0.8		0.4	CONTROL 130	20	1	10
11	20	1		OP L107 REC	8.0			1.2	0.4	CONTROL 130	20	1	12
13	30	2	SCENE SH	OP L107 REC	2.0	2.2			0.2	CONTROL 130	20	1	14
15	161	-	-	00.1407	2.0		3.0		1.0	CONTROL 130 PLUG STRIP	20	1	16
17	50	2	SCENE SH	OP L107	3.5			4.0	0.5	SPARE	20	1	18
19	(T)=(1)	-	-		3.5	4.0			0.5	SPARE	20	1	20
21	20	1	CORD REE		0.4		0.8		0.4	BROADCAST 131	20	1	22
23	20	1	CORD REE		0.4			0.8	0.4	BROADCAST 132	20	1	24
25	20	1	OVERHEA	D DOOR	1.0	1.4	1.00		0.4	BROADCAST 133	20	1	26
27	20	1	SPARE		0.5		0.9		0.4	BROADCAST 134	20	1	28
29	20	1	SPARE		0.5			0.9	0.4	BROADCAST 135	20	1	30
31	20	1	VIDEO 129		1.6	2.0			0.4	BROADCAST 136	20	1	32
33	20	1	VIDEO 129		0.9		1.3		0.4	BROADCAST 137	20	1	34
35	20	1	VIDEO 129		1.7			2.1	0.4	VOCAL 133A	20	1	36
37	20	1	AUDIO 129		0.8	1.2			0.4	VOCAL 133A	20	1	38
39	20	1	AUDIO 129	A	0.4		0.8	1.11	0.4	VOCAL 133B	20	1	40
41	20	1	SPARE	Tennis estat	0.5			0.9	0.4	VOCAL 133B	20	1	42
			SEC	CTION 2 LOADS:		9.7	11.0	10.0					1
			SEC	CTION 3 LOADS:		11.3	10.5	10.9					
			F	PHASE TOTALS:		34.0	29.5	31.2		TOTAL: 94.7	KVA		-
NOTES:  . PROVIDE PANEL WITH FEED-THROUGH LUGS  2. PROVIDE PANEL WITH ISOLATED GROUND BUSS					ABBREVIATIONS: G - GFCI BREAKER; A - AFCI BREAKER; L - LOCKOUT BREAKER S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER								

V	OLTAG	E	3 PHASE	POLES	MA	IMA NIA	PS MAIN TYPE			A. I. RATING	M	MOUNTING			
	120/208		4 WIRE	126		400		M	LO	22,000	S	URFA	CE		
POLE	BREA	KER	1000	CEDVED		PHASE LOADS BREAKER I									
NO.	TRIP	Р	LUAD	SERVED	KVA	Α	B C KVA LOAD SERVED TRIP F								
43	20	1	RECORDING	G 133 REC	0.8	1.6			0.8	CONTROL BOOTH 100A REC	20	1	44		
45	20	1	RECORDING	G 133 REC	0.8		1.2		0.4	CONTROL BOOTH 100A REC	20	1	46		
47	20	1	CONTROL 1	32 PLUG STRIP	1.0			1.4	0.4	CONTROL BOOTH 100A REC	20	1	48		
49	20	1	SPARE		0.5	0.9			0.4	CONTROL BOOTH 100A REC	20	1	50		
51	20	1	SPARE		0.5	11-	0.9		0.4	CONTROL BOOTH 100A REC	20	1	52		
53	20	1	CONTROL 1	I32 REC	0.4	1		0.8	0.4	CONTROL BOOTH 100A REC	20	1	54		
55	20	1	CONTROL 1	132 REC	0.4	0.8			0.4	ORCHESTRA PIT REC	20	1	56		
57	20	1	CONTROL 1	132 REC	0.4	1000	1.2		0.8	ORCHESTRA PIT REC	20	1	58		
59	20	1	CONTROL 1	I32 REC	0.8	1000		1.6	0.8	ORCHESTRA PIT REC	20	1	60		
61	20	1	STAIR L105	/L106 REC	0.6	1.0			0.4	ORCHESTRA PIT REC	20	1	62		
63	20	1	STAIR L104	/L103 REC	0.6		1.2		0.6	STAGE FLOORBOX	20	1	64		
65	20	1	AUDIO DISTRIE	1.8	1,		2.2	0.4	STAGE RECEPTACLE	20	1	66			
67	20	1	AUDIO DISTRIE	1.8	2.2			0.4	STAGE RECEPTACLE	20	1	68			
69	20	1	AUDIO DISTRIE	BUTION EQUIP	1.8		2.6		0.8	STAGE RECEPTACLE	20	1	70		
71	20	1	AUDIO DISTRIE	BUTION EQUIP	1.8	13.50		2.2	0.4	STAGE RECEPTACLE	20	1	72		
73	20	1	AUDIO DISTRIE	BUTION EQUIP	1.8	2.2	7, = -		0.4	STAGE RECEPTACLE	20	1	74		
75	20	1	AUDIO DISTRIE	BUTION EQUIP	1.8		2.6		0.8	STAGE RECEPTACLE	20	1	76		
77	20	1	AUDIO EQL	JIP REC	0.4	Table 12		0.8	0.4	STAGE RECEPTACLE	20	1	78		
79	20	1	THEATER 1	00 BACK	0.6	1.0			0.4	STAGE RECEPTACLE	20	1	80		
81	20	1	SPARE		0.5		1.3		0.8	STAGE RECEPTACLE	20	1	82		
83	20	1	SPARE	3.350000000	0.5			1.0	0.5	SPARE	20	1	84		
THIS SECTION PHASE TOTALS: 9.7						11.0	10.0	777	(REFER TO SECTION 1 FO	R TOTA	L KVA				
NOTES	2	ANEL	WITH FEED-	THROUGH LUGS	3			VIATIO CI BRE		- AFCI BREAKER; L - LOCK	OUT BR	EAKER	?		
2. PROVIDE PANEL WITH ISOLATED GROUND BUSS						S - SHUNT TRIP BREAKER; C - COMBINATION GFCI/AFCI BREAKER									
B. PRO	VIDE F	ANEL	WITH 200% I	NEUTRAL BUSS			E - ELECTRONIC ADJUSTABLE TRIP BREAKER								
							MCB -	MCB - MAIN CIRCUIT BREAKER; MLO - MAIN LUG ONLY							

120/208						BRA	NCH CI	RCUIT P	ANELB	OARD					
POLE   BREAKER   LOAD SERVED   KVA   A   B   C   KVA   RIGGING CONTROL PANEL   20   1   1   1   1   1   1   1   1   1	V	OLTAGE	8	3 PHASE	POLES	MA	AIN AM	PS	MAIN	N TYPE	A. I. RATING	MOUNTING			
NO. TRIP P  85	120/208 4 WIRE 126 400							N	/ILO	22,000	S	URFAC	CE		
NO.   TRIP   P   KVA   A   B   C   KVA   TRIP   P   R   KVA   A   B   C   KVA   TRIP   P   R   KVA   A   B   C   KVA   TRIP   P   R   TRIP   TRI	POLE	BREA	KER	1000	SEBVED		PH	ASE LO	ADS		LOAD SERVED	BREA	KER	POL	
87 20 1 BALCONY REC S/W 0.4 0.9 0.5 BROADCAST AREA LTG 20 1 89 20 1 FOLLOW SPOT REC N 1.0 1.5 0.2 CONTROL BOOTH LTG 20 1 91 20 1 FOLLOW SPOT REC S 1.0 1.5 0.5 SPARE 20 1 93 20 1 PROJECTOR REC 1.2 1.7 0.5 SPARE 20 1 95 20 1 PROJECTOR REC 1.2 1.7 0.5 SPARE 20 1 97 20 1 CATWALK REC 1.4 1.9 0.5 SPARE 20 1 99 20 1 CATWALK REC 1.4 1.9 0.5 SPARE 20 1 101 20 1 PROJECTION SCREEN 1.2 1.7 0.5 SPARE 20 1 101 20 1 PROJECTION SCREEN 1.2 1.7 0.5 SPARE 20 1 103 20 1 LTG NETWORK CTRL 0.4 0.9 0.5 SPARE 20 1 105 20 1 OPTO SPLITTER 0.5 1.0 0.5 SPARE 20 1 107 20 1 STAGE REC 0.4 0.9 0.5 SPARE 20 1 109 20 3 RIGGING MOTOR FRONT 1.3 1.8 0.5 SPARE 15 2 113 1.3 1.8 0.5 SPARE 15 2 115 20 3 RIGGING MOTOR CENTER 1.3 1.8 0.5 SPARE 15 3 117 1.3 1.8 0.5 SPARE 15 3 117 1.3 1.8 0.5 SPARE 15 3 119 1.3 1.8 0.5 SPARE 30 3 121 20 3 RIGGING MOTOR BACK 1.3 1.8 0.5 SPARE 30 3 122 1.3 1.8 0.5 SPARE 30 3 123 1.3 1.8 0.5 SPARE 30 3 124 20 3 RIGGING MOTOR BACK 1.3 1.8 0.5 SPARE 30 3 125 1.3 1.8 0.5 SPARE 30 3 126 SPARE 30 3 3 127 SPARE 30 3 3 128 SPARE 30 3 3 129 SPARE 30 3 3 120 SPARE 30 3 3 121 SPARE 30 3 3 122 SPARE 30 3 3 123 SPARE 30 3 3 124 SPARE 30 3 3 125 SPARE 30 3 3 126 SPARE 30 3 3 127 SPARE 30 3 3 128 SPARE 30 5 SPARE 30 3 129 SPARE 30 5 SPARE 30 3 120 SPARE 30 SPAR	NO.	TRIP	Р	1 LOAD	SERVED	KVA	Α	В	С	KVA	TRIP P				
89   20	85	20	1	BALCONY F	REC N/W	0.4	1.6		1	1.2		20	1	86	
91 20 1 FOLLOW SPOT REC S 1.0 1.5	87	20	1	The second secon		0.4		0.9	J	0.5		20	1	88	
93	89	20	1	FOLLOW SI	POT REC N	1.0			1.2	0.2		/20	1	90	
95	91	20	1	FOLLOW SI	POT REC S	1.0	1.5		1	0.5	SPARE	20	1	92	
97	93	20	1	PROJECTO	R REC	1.2		1.7	1	0.5	SPARE	20	1	94	
99 20 1 CATWALK REC 1.0 1.5 0.5 SPARE 20 1 101 20 1 PROJECTION SCREEN 1.2 1.7 0.5 SPARE 20 1 103 20 1 LTG NETWORK CTRL 0.4 0.9 0.5 SPARE 20 1 105 20 1 OPTO SPLITTER 0.5 1.0 0.5 SPARE 20 1 107 20 1 STAGE REC 0.4 0.9 0.5 SPARE 20 1 109 20 3 RIGGING MOTOR FRONT 1.3 1.8 0.5 - 2 111 1.3 1.8 0.5 SPARE 15 2 113 1.3 1.8 0.5 SPARE 15 2 115 20 3 RIGGING MOTOR CENTER 1.3 1.8 0.5 SPARE 15 3 117 1.3 1.8 0.5 SPARE 15 3 117 1.3 1.8 0.5 SPARE 15 3 117 1.3 1.8 0.5 SPARE 15 3 119 1.3 1.8 0.5 SPARE 30 3 121 20 3 RIGGING MOTOR BACK 1.3 1.8 0.5 SPARE 30 3 122 1.3 1.3 1.8 0.5 SPARE 30 3 123 1.3 1.3 1.8 0.5 SPARE 30 3 125 1.3 1.3 1.8 0.5 SPARE 30 3 126 SPARE 30 3 127 SPARE 30 3 128 SPARE 30 3 129 SPARE 30 3 120 SPARE 30 SPARE 30 3 120 SPARE 30 S	95	20	1	PROJECTO	R REC	1.2			1.7	0.5		20	1	96	
101         20         1         PROJECTION SCREEN         1.2         1.7         0.5         SPARE         20         1           103         20         1         LTG NETWORK CTRL         0.4         0.9         0.5         SPARE         20         1           105         20         1         OPTO SPLITTER         0.5         1.0         0.5         SPARE         20         1           107         20         1         STAGE REC         0.4         0.9         0.5         SPARE         15         2           109         20         3         RIGGING MOTOR FRONT         1.3         1.8         0.5         -         2           111         -         -         -         1.3         1.8         0.5         SPARE         15         2           113         -         -         -         1.3         1.8         0.5         SPARE         15         2           115         20         3         RIGGING MOTOR CENTER         1.3         1.8         0.5         SPARE         15         3           117         -         -         -         1.3         1.8         0.5         -         3	97	20	1	CATWALK	REC	1.4	1.9			0.5	SPARE	20	1	98	
103	99	20	1	CATWALK	REC	1.0		1.5		0.5	SPARE	20	1	10	
105         20         1         OPTO SPLITTER         0.5         1.0         0.5         SPARE         20         1           107         20         1         STAGE REC         0.4         0.9         0.5         SPARE         15         2           109         20         3         RIGGING MOTOR FRONT         1.3         1.8         0.5         SPARE         15         2           111         -         -         -         1.3         1.8         0.5         SPARE         15         2           113         -         -         -         1.3         1.8         0.5         -         2           115         20         3         RIGGING MOTOR CENTER         1.3         1.8         0.5         SPARE         15         3           117         -         -         -         1.3         1.8         0.5         -         3           119         -         -         -         1.3         1.8         0.5         -         3           121         20         3         RIGGING MOTOR BACK         1.3         1.8         0.5         SPARE         30         3           125         <	101	20	1	PROJECTIO	N SCREEN	1.2			1.7	0.5	SPARE	20	1	10	
107         20         1         STAGE REC         0.4         0.9         0.5         SPARE         15         2           109         20         3         RIGGING MOTOR FRONT         1.3         1.8         0.5         -         2           111         -         -         -         1.3         1.8         0.5         SPARE         15         2           113         -         -         -         1.3         1.8         0.5         -         2           115         20         3         RIGGING MOTOR CENTER         1.3         1.8         0.5         SPARE         15         3           117         -         -         -         1.3         1.8         0.5         -         3           119         -         -         -         1.3         1.8         0.5         -         3           121         20         3         RIGGING MOTOR BACK         1.3         1.8         0.5         SPARE         30         3           123         -         -         -         1.3         1.8         0.5         -         3           125         -         -         -         1	103	20	1	LTG NETWO	ORK CTRL	0.4	0.9		1 1	0.5	SPARE	20	1	10	
109         20         3         RIGGING MOTOR FRONT         1.3         1.8         0.5         -         2           111         -         -         -         1.3         1.8         0.5         SPARE         15         2           113         -         -         -         1.3         1.8         0.5         SPARE         15         3           117         -         -         -         1.3         1.8         0.5         -         3           119         -         -         -         1.3         1.8         0.5         -         3           121         20         3         RIGGING MOTOR BACK         1.3         1.8         0.5         -         3           123         -         -         -         1.3         1.8         0.5         -         3           125         -         -         1.3         1.8         0.5         -         3           THIS SECTION PHASE TOTALS:         11.3         10.5         10.9         (REFER TO SECTION 1 FOR TOTAL KVA)    NOTES:	105	20	1	OPTO SPLI	TTER	0.5		1.0	Limit	0.5	SPARE	20	1	10	
111       -       -       -       1.3       1.8       0.5       SPARE       15       2         113       -       -       -       1.3       1.8       0.5       -       2         115       20       3       RIGGING MOTOR CENTER       1.3       1.8       0.5       SPARE       15       3         117       -       -       -       1.3       1.8       0.5       -       3         119       -       -       -       1.3       1.8       0.5       -       3         121       20       3       RIGGING MOTOR BACK       1.3       1.8       0.5       -       3         123       -       -       1.3       1.8       0.5       -       3         125       -       -       1.3       1.8       0.5       -       3         THIS SECTION PHASE TOTALS:       11.3       10.5       10.9       (REFER TO SECTION 1 FOR TOTAL KVA)    ABBREVIATIONS:	107	20	1	STAGE REC	2	0.4			0.9	0.5	SPARE	15	2	10	
113       -       -       -       1.3       1.8       0.5       -       2         115       20       3       RIGGING MOTOR CENTER       1.3       1.8       0.5       SPARE       15       3         117       -       -       -       -       1.3       1.8       0.5       -       3         119       -       -       -       1.3       1.8       0.5       -       3         121       20       3       RIGGING MOTOR BACK       1.3       1.8       0.5       SPARE       30       3         123       -       -       -       1.3       1.8       0.5       -       3         125       -       -       -       1.3       1.8       0.5       -       3         THIS SECTION PHASE TOTALS:       11.3       10.5       10.9       (REFER TO SECTION 1 FOR TOTAL KVA)    ABBREVIATIONS:	109	20	3	RIGGING M	OTOR FRONT	1.3	1.8		1	0.5	-		2	11	
115         20         3         RIGGING MOTOR CENTER         1.3         1.8         0.5         SPARE         15         3           117         -         -         -         1.3         1.8         0.5         -         3           119         -         -         -         1.3         1.8         0.5         -         3           121         20         3         RIGGING MOTOR BACK         1.3         1.8         0.5         SPARE         30         3           123         -         -         -         1.3         1.8         0.5         -         3           125         -         -         -         1.3         1.8         0.5         -         3           THIS SECTION PHASE TOTALS:         11.3         10.5         10.9         (REFER TO SECTION 1 FOR TOTAL KVA)    NOTES:	111	2	0.5	-		1.3		1.8		0.5	SPARE	15	2	11	
117       -       -       -       1.3       1.8       0.5       -       3         119       -       -       -       1.3       1.8       0.5       -       3         121       20       3       RIGGING MOTOR BACK       1.3       1.8       0.5       SPARE       30       3         123       -       -       -       1.3       1.8       0.5       -       3         125       -       -       -       1.3       1.8       0.5       -       3         THIS SECTION PHASE TOTALS:       11.3       10.5       10.9       (REFER TO SECTION 1 FOR TOTAL KVA)         ABBREVIATIONS:	113	1-12-1	11-4	-	Land Francis	1.3			1.8	0.5	<u> </u>		2	11	
119       -       -       -       1.3       1.8       0.5       -       3         121       20       3       RIGGING MOTOR BACK       1.3       1.8       0.5       SPARE       30       3         123       -       -       -       1.3       1.8       0.5       -       3         125       -       -       -       1.3       1.8       0.5       -       3         THIS SECTION PHASE TOTALS:       11.3       10.5       10.9       (REFER TO SECTION 1 FOR TOTAL KVA)         ABBREVIATIONS:	115	20	3	RIGGING M	OTOR CENTER	1.3	1.8			0.5	SPARE	15	3	11	
121         20         3         RIGGING MOTOR BACK         1.3         1.8         0.5         SPARE         30         3           123         -         -         -         1.3         1.8         0.5         -         3           125         -         -         -         1.3         1.8         0.5         -         3           THIS SECTION PHASE TOTALS:         11.3         10.5         10.9         (REFER TO SECTION 1 FOR TOTAL KVA)           NOTES:	117		1,4	-3		1.3		1.8		0.5	-		3	11	
123       -       -       -       3         125       -       -       -       3         THIS SECTION PHASE TOTALS:       11.3       10.5       10.9       (REFER TO SECTION 1 FOR TOTAL KVA)         NOTES:	119	1.15/-1.	Tecl		T100.2 1182 T T	1.3			1.8	0.5	-		3	12	
125   -   -       1.3     1.8   0.5   -     3	121	20	3	RIGGING M	OTOR BACK	1.3	1.8			0.5	SPARE	30	3	12	
THIS SECTION PHASE TOTALS: 11.3 10.5 10.9 (REFER TO SECTION 1 FOR TOTAL KVA)  NOTES: ABBREVIATIONS:	123		Tel	-		1.3		1.8		0.5	, <del>,</del> , , , , , , , , , , , , , , , , ,		3	12	
NOTES: ABBREVIATIONS:	125	-	164			1.3			1.8	0.5			3	12	
	-7.5		THIS	SECTION P	HASE TOTALS:		11.3	10.5 10.9 (REFER TO SECTION 1 FOR TOTAL KVA)							
1 PROVIDE PANEL WITH ISOLATED GROUND BUSS G - GECLBREAKER: A - AFCLBREAKER: L - LOCKOUT BREAKER	NOTES	:						ABBRE	VIATIO	NS:	Back Book From the Control		31-67		
I. TROVIDE I MILLE WITH TOOL TILL ON THE TILL OF THE T	1. PRC	VIDE P	ANEL	WITH ISOLA	TED GROUND B	USS		G - GF	CIBRE	AKER; A	- AFCI BREAKER; L - LOCK	OUT BRI	EAKEF	3	
E - ELECTRONIC ADJUSTABLE TRIP BREAKER								MCB -	MAINIC	IRCUIT F	REAKER; MLO - MAIN LUG	ONLY			

03/15/2022

Phase 6b - Building Replacement & Renovation Beechwood Elementary School

SHEET TITLE

ELECTRICAL SCHEDULES **BID SUBMITTAL** 

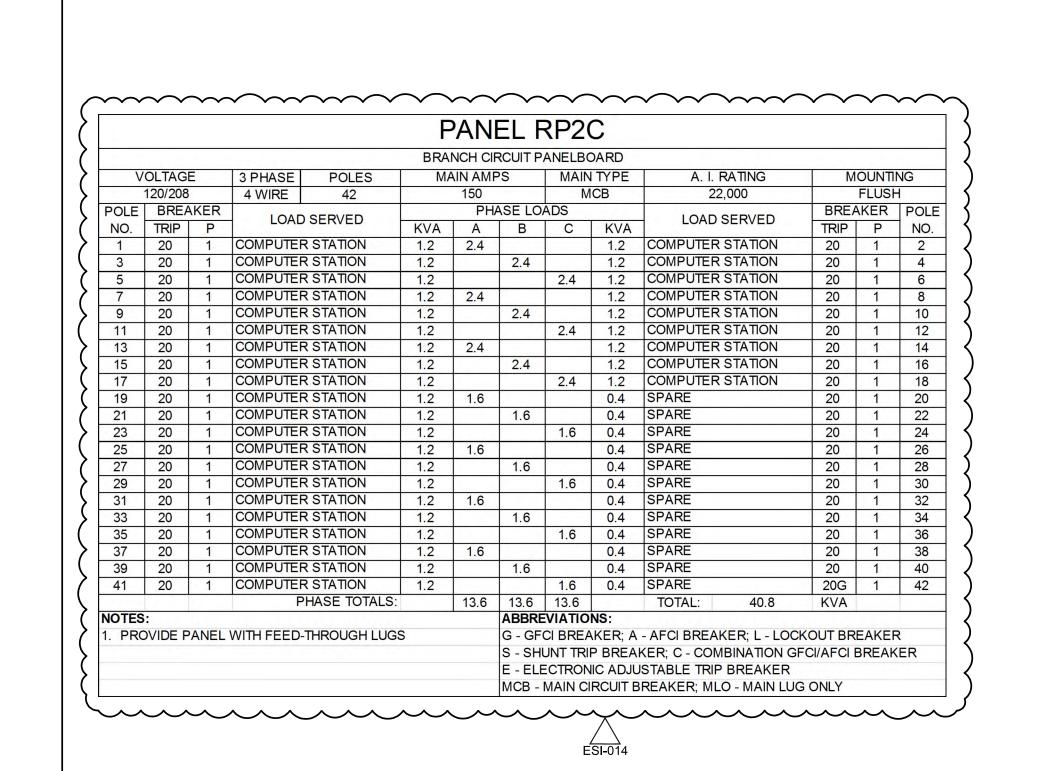
> BG# 19-078

DATE 12/13/2021

ESI-014 12.12.2023

2 ADDENDUM #2 03.15.2022

1 ADDENDUM #1 03.08.2022



 Contractor:
 DELTA Electric

 Submitted By:
 Eric Scheidt

 Date:
 7/26/24

 Project Number:
 C762



### **Beechwood Schools**

Scope Description: PR #49							
AATERIAL.	QTY.	UNIT	RATE	•	SUBTOTAL	TOTAL	
MATERIAL:  1. SEE ATTACHED	1	E	\$ 25,185.24	\$	25,185.24	25,185.24	
2.				\$		0.00	
3.				\$	-	0.00	
4. 5.			+	\$	-	0.00 0.00	
6.				\$	-	0.00	
			SUBTOTAL:	\$	25,185.24	25,185.24	
OOLS/ EQUIPMENT:	1 1		75.00	•	75.00	75.00	
1. Technology 2.	1		\$ 75.00	\$	75.00	75.00	
3.				\$	-		
4.				\$			
5.			1	\$			
6.			SUBTOTAL:	\$ <b>\$</b>	75.00	75.00	
ABOR:					. 3.00	, , , , , ,	
Straight Time	313.03	HRS @	\$65.00	\$	20,346.95	20,346.95	
2. Third Shift	0.00	HRS @	\$82.00	\$	-	0.00	
3. Overtime	0.00	HRS @	\$98.00		- 247.72	0.00	
On-Site Supervision     Project Manager	31.30 15.65	HRS @	\$75.00 \$105.00		2,347.73 1,643.41	2347.73 1643.41	
6. Safety	6.26	HRS @	\$65.00	\$	406.94	406.94	
7. Material Handling	6.26	HRS @	\$48.00		300.51	300.51	
8. Clean-Up	3.13	HRS @	\$48.00	\$	150.25	150.25	
OUR CONTRACTORS			SUBTOTAL:	\$	25,195.78	25,195.78	
SUB-CONTRACTORS 1.	1	LS	0	\$		0.00	
2.		LS	0	\$	-	0.00	
3.		LS		\$			
4.		LS		\$	_		
5.		LS		\$	-		
6.	1	LS		\$	-		
			SUBTOTAL:	\$	-	0.00	
SUBTOTALS							
MATERIAL/ TOOLS/ EQUIPMENT SUBTOT	ĀL			\$	25,260.24		
ABOR SUBTOTAL				\$	25,195.78		
SUBCONTRACTOR SUBTOTAL				\$	-		
			SUBTOTAL:	\$	50,456.02	\$	50,456.0
OVERHEAD AND PROFIT			Percentage		·		
OVERHEAD AND PROFIT MARKUP			15%	\$	7,568.40		
VERTILAD AND FROIT MARKOT			1070	Ψ	7,000.40		
			\$	7,568.40	\$	7,568.4	
TAXES:			Percentage 6.00%	\$	1,511.11		
COMMERCIAL ACTIVITY TAX			0.00%	\$	-		
BOND:			2.00%	\$	1,190.71		
			SUBTOTAL:	\$	2,701.83	\$	2,701.8
TOTAL COST:	\$60,726						

### **DELTA Electrical Contractors, LTD**

#### Beechwood Schools Phase 6B: Beechwood 6B - PR #52

Job Number: CO105-10 Bid Summary: PR52RR Extension By Section

Item #	Description	xtension By Section  Quantity	Price		Ext Price	Labor Hr		Ext Lab Hr
item#	Description	•	FIICE	U	EXT Price	Lарот Пі	U	EXI LAD HI
1000	1/2" EMT	Section #1	68.98	_	82.78	4.50	_	F 40
		120						5.40
1001	3/4" EMT 1" EMT	760	84.99		645.92	5.00		38.00
1002		180	150.00		270.00	5.50		9.90
1444	1/2" Set Screw Steel Conn	16	60.16		9.63	0.08		1.28
1465	3/4" Set Screw Steel Insul Throat Conn	54	72.75 106.63		39.29	0.10		5.40
1466	1" Set Screw Steel Insul Throat Conn	10			10.66	0.12 0.10		1.20
1544 1545	1/2" Set Screw Steel Cplg	12	44.00		5.28			1.20
1545	3/4" Set Screw Steel Cplg	76	38.01 56.02		28.89	0.12		9.12
1546	1" Set Screw Steel Cplg	18			10.08	0.14		2.52
2338	1/2" 1-Hole Strap	16	13.98 26.53		2.24	4.00		0.64
2340	1" 1-Hole Strap	16			4.31	4.00		0.65
2360	3/4" Conduit Hanger w/Bolt	95	75.00		71.25	25.00		23.75
2361	1" Conduit Hanger w/Bolt	6	90.00		5.63	25.00		1.56
2469	4" Square Box (1/2 & 3/4 KO's)	10	224.96		22.50	0.30		3.00
2470	4" Square x 1-1/2" Deep Box w/bkt (1/2&3/4 KO's)	8	235.88		18.87	0.30		2.40
2471	4" Square x 2-1/8" Deep Box (1/2 & 3/4 KO's)	4	163.78		6.55	0.30		1.20
2472	4" Square x 2-1/8" Deep Box w/brkt (1/2&3/4 KO's)	12	199.14		23.90	0.30		3.60
2660	#12 THHN CU Stranded Wire	3,466	170.03		589.32	6.00		20.80
2661	#10 THHN CU Stranded Wire	4,704	254.99		1,199.47	7.50		35.28
4054	100A 3P 277V Bolt-On Circuit Breaker	1	698.95		698.95	2.00		2.00
4409	#14-12-10 Wire Termination Labor	18	0.00		0.00	0.18		3.24
4649	20A Prem Spec Grade SP Switch	4	277.83		11.11	0.25		1.00
4703	20A/125V Spec Grade Dup Rcpt (5-20R)	76	1.83		139.08	0.30		22.80
4897	4" Square-1G Plaster Ring-5/8"D	8	103.20		8.26	0.15		1.20
4900	4" Square-1 Gang Plaster Ring-1-1/4"D	12	179.74		21.57	0.15		1.80
4950	1G Plastic Duplex Receptacle Plate	8	0.42		3.36	0.10		0.80
4973	1G SS Decora/GFI Plate	12	0.97		11.64	0.20		2.40
5003	4" Square 1G RS Switch Cover	4	221.88		8.88	0.15		0.60
5079	4" Square Flat Blank Cover	10	200.43		20.04	0.12		1.20
5891	Wiremold #4000B Raceway Base	80	6.25		500.00	15.00		12.00
5892	Wiremold #4000C Raceway Cover	80	3.75		300.00	6.00		4.80
5893	Wiremold #4000D Raceway Divider	80	1.50		120.00	3.50		2.80
5894	Wiremold #4001 Coupling	8	7.50		60.00	18.00		1.44
5895	Wiremold #4001D Divider Clip & Coup	16	1.75		28.00	21.00		3.36
5897	Wiremold #4010B Blank End Fitting	4	9.75		39.00	44.00		1.76
5898	Wiremold #4017 Internal Elbow	1	32.25		32.25	1.00		1.00
6133	Red Wirenuts	134	209.94		28.13	3.50		4.69
7114	Ground Screw with Bare Pigtail	20	97.65		19.53	2.00		0.40
7123	6X1/4" Pan Head Tapping Screw	64	2.36		1.51	0.01		0.64
47062	20A/125V Tamper Resistant USB Charge Dup Rcpt (		25.07		300.84	0.25		3.00
62108	V/D R/I	2	15.00		30.00	1.00		2.00
62121	1.25" Flex Assembly	1	36.00		36.00	1.88		1.88
62151	1/2" Flex Assembly	4	7.00		28.00	1.00		4.00
62853	FIRE-RATED POKE-THROUGH 1-PIECE 4X4 SYS 1		334.88		1,339.52	1.50		6.00
82062	Core Drill Floor for 2"	1	150.00		150.00	1.15		1.15
82065	Core Drill Floor for 4"	4	200.00		800.00	2.00		8.00
82283	Overhead Door R/I	1	100.00		100.00	4.00		4.00
82289	Wiremold G4047C-1 One-Gang Overlapping Device F		11.00		330.00	22.00		6.60
82290	Wiremold G4047C-2 Two-Gang Overlapping Device F		19.00		570.00	22.00		6.60
82291	Wiremold G4000WC Wire Clip	22	3.50		77.00	5.00		1.10
82292	Wiremold #4000 Supports (Every 2.5 ft.)	32	3.00	Ε	96.00	9.00	С	2.88

### **DELTA Electrical Contractors, LTD**

#### Beechwood Schools Phase 6B: Beechwood 6B - PR #52

Job Number: CO105-10 Bid Summary: PR52RR Extension By Section

Item #	Description	Quantity	Price	U	Ext Price	Labor Hr	U	Ext Lab Hr
RP2C	150 Amp Surf Panel-Nema 1	1	QUOTE	2	0.00	12.74	Е	12.74
T-RP2C	45 KVA 3PH Transformer 480/277V	1	QUOTE	2	0.00	16.25	Е	16.25
T0001	ABB Quote for Added Breaker, Transformer & Panel	1	8,083.33	Е	8,083.33	0.00	E	0.00
T0002	American Sound Data Cabling Quote	1	8,146.67	Е	8,146.67	0.00	E	0.00
	Section #1 Total				25,185.24			313.03
	Job Total				25,185.24			313.03