AIA Document G701 – 2017

Change Order

PROJECT : (Name and address) 16751-Trenton High School Cafetorium	CONTRACT INFORMATION: Contract For: General Construction Date: December 8, 2020	CHANGE ORDER INFORMATION: Change Order Number: 007 Date: 07/13/2021
OWNER: (Name and address)	ARCHITECT: (Name and address)	CONTRACTOR: (Name and address)
Gilchrist County Schools	JRA Architects, Inc.	Charles Perry Partners
301 NW 11th Street	2551 Blairstone Pines Dr.	8200 N.W. 15th Place
Trenton, Fl. 32693	Tallahassee, Fl. 32301	Gainesville, Fl. 32606

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.) Miscellaneous changes per attached Change Order proposals:

COP #6r1 dated July 9, 2021 (Add water lines to Hose Reel, \$431.07)

COP #9r1 dated July 9, 2021 (Add telecom infrastructure, Bldg. #10 to near District Bldg., \$9,359.15)

COP#10 dated June 19, 2021 (Connect Cooler Freezer to Generator, \$16,229.73)

COP#17 dated July 8, 2021 (Undercut & fill at loading area screen walls, \$7,482.00)

COP#18 dated July 9, 2021 (Delete FA Panel at Admin Building, \$-1,993.44)

The original Contract Sum was \$	9,355,000.00
The net change by previously authorized Change Orders \$	170,751.02
The Contract Sum prior to this Change Order was \$	9,525,751.02
The Contract Sum will be increased by this Change Order in the amount of \$	31,508.51
The new Contract Sum including this Change Order will be \$	9,557,259.53

The Contract Time will be increased by Zero (0) days. The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

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

JRA Architects, Inc.	Charles Perry Partners, Inc.	Gilchrist County Schools
ARCHITECT (Firm Wante)	CONTRACTOR (Firm name)	OWNER (Firm name)
SIGNATURE Mario Nunez, Senior Vice President	SIGNATURE	SIGNATURE
PRINTED NAME AND TITLE	PRINTED NAME AND TITLE	PRINTED NAME AND TITLE
07/13/2021		
DATE	DATE	DATE

1



construction management I design build I general contracting

July 9, 2021

Gilchrist County School District 310 NW 11th Ave Trenton, FL 32693

Attn: David Spencer

RE: Change Order Proposal No. 06 Revision 1 Trenton High School Cafetorium

Dear David,

Attached is our Change Order Proposal (COP) in accordance with qualifications/clarifications listed below.

Our OCO for providing this work is <u>Four Hundred Thirty-One and 07/100 Dollars (\$431.07)</u>

Clarifications:

- 1. Includes all plumbing work to add piping for the hose reel in accordance with RFI 61 dated May 17, 2021.
- 2. The prices included are guaranteed for 14 calendar days from the date of this cover due to current market volatility as indicated in the email from Aniel Martinez dated May 21, 2021.
- 3. This Change Order Proposal is inclusive of the items specifically noted above. Any cost items omitted from this COP shall be submitted under a separate cover.

We appreciate the opportunity to provide you with this proposal. Please notify me if you have any questions.

Sincerely,

Charles Perry Partners, Inc.

Aniel Martinez Project Manager

www.cppi.com



pckge	Description	Grand Total Amount
	CHANGE ORDER PROPOSAL 06	
	RFI 61 Plumbing	
22A	PLUMBING	
	Hose Reel	397.30

Estimate Totals

Description	Amount	Totals	Rate	
subtotal cost of work	397.30	397.30		
general liability insurance	3.97		1.000 %	
P&P Bond	5.96		1.500 %	
profit/overhead	23.84		6.000 %	
Subtotal GC Markup	33.77	431.07		
Total		431.07		

2775 NW 49th Ave Ste 205-330 Ocala Fl, 34482 CFC1428651

CHANGE ORDER



Name / Address

Charles Perry Partners, Inc. 8200 NW 15th Place Gainesville, Fl 32606



Description	Total	
-Location: Trenton High School Cafetorium.		
Response for RFI #61 to install and connect Hose Reel.		
-2x2x2x1/2 exc tee =		36.00
$-1 \frac{1}{2} \times 1 \frac{1}{2} \times \frac{1}{2} \operatorname{cxc} \operatorname{tee} =$		28.00
-2 = 1/2 cxc ball values =		36.00
-20' = 1/2 copper =		32.00
$-21' = 1/2 \times 1^{\circ}$ insulation =		32.00
Productive Labor 2 hours at \$85.00=		70.00
-15% over head =		51.82
-Tax \$11.48		
		97.30

RFI DETAIL

#61 Hose Reel



ANSWERED	CREATED	RESPONDED	DUE DATE
ANSWERED	May 17, 2021	May 20, 2021	May 24, 2021

Creator Jennifer Bennett CPPI Manager Jennifer Bennett CPPI Reviewer Mario Nunez JRA Architects, Inc. Co-Reviewer(s) Todd Hinkle (JRA Architects, Inc.) Location Kitchen Reference Drawing

QUESTION

On page P2.2 dated April 15, 2020, the equipment schedule shows a Hose Reel with sprayer 214, however, there is no piping shown on P2.2 for this hose. Please provide piping detail.

Suggested Answer:

RESPONSE

Engineer's Response: Attached sketch (RFI 61 WATER PIPING SKETCH.pdf) shows connection of 1/2" hot and cold water to food service equipment # 214.1 - Hose Reel. By Mario Nunez - May 20, 2021 JRA Architects, Inc.

OTHER ATTRIBUTES

Priority High

Discipline Plumbing

Category Constructability, Design Coordination, Documentation Conflict, Documentation Incomplete

External ID 01-11-20144

IMPACT

Cost Impact Unknown

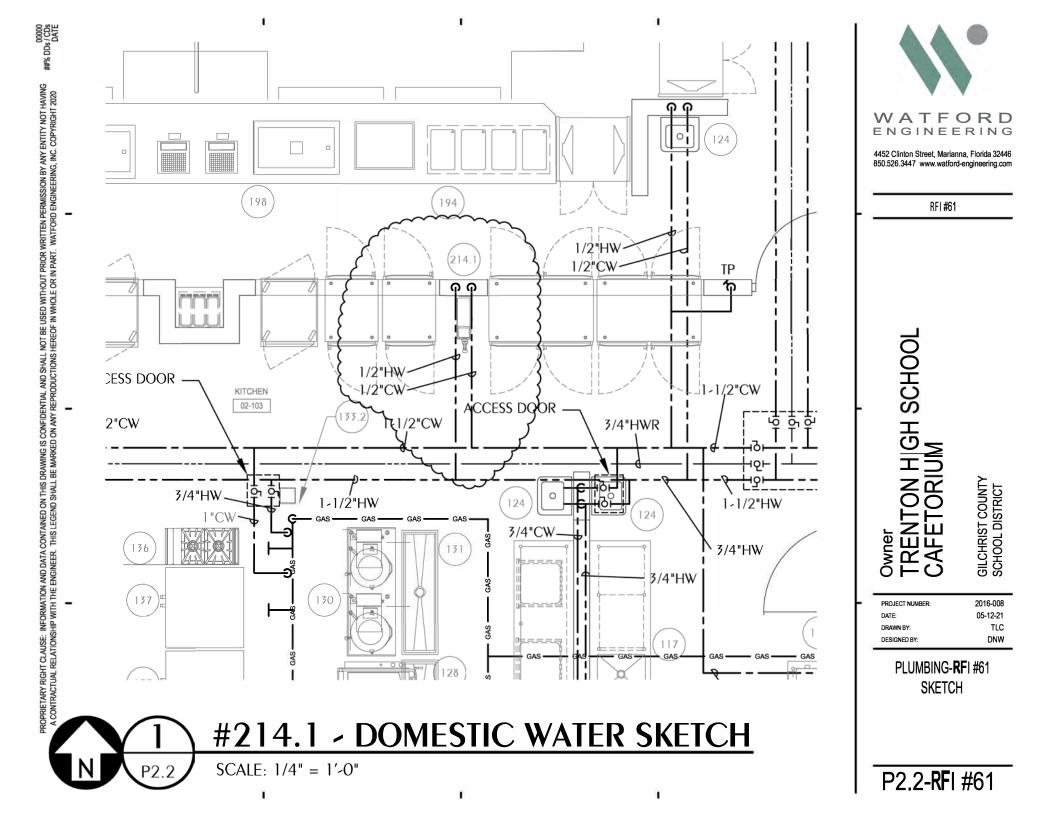
Schedule Impact Unknown

OTHER ATTACHMENTS

• RFI 61 WATER PIPING SKETCH.pdf - May 20, 2021 - Mario Nunez

• RFI 61 Hose Reel.pdf - May 17, 2021 - Jennifer Bennett

ACTIVITIES	BY	AT
Created this RFI in DRAFT status and assigned to Jennifer Bennett	Jennifer	
Changed the due date to May 24, 2021	Bennett	May 17, 2021
Reassigned this RFI to Jennifer Bennett		
Uploaded RFI 61 Hose Reel.pdf	Jennifer Bennett	May 17, 2021
Changed status from DRAFT to OPEN	Jennifer	
Changed the due date to May 24, 2021	Bennett	May 17, 2021
Reassigned this RFI to Mario Nunez		May 17, 2021
Jennifer Bennett Set the Number to 61		
Uploaded RFI 61 WATER PIPING SKETCH.pdf	Mario Nunez	May 20, 2021
Changed status from OPEN to ANSWERED Reassigned this RFI to Jennifer Bennett	Mario Nunez	May 20, 2021





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July 9, 2021

Gilchrist County School District 310 NW 11th Ave Trenton, FL 32693

Attn: David Spencer

RE: Change Order Proposal No. 09 – Electrical Changes R1 Trenton High School Cafetorium

Dear David,

Attached is our Change Order Proposal (COP) in accordance with qualifications/clarifications listed below.

Our COP for providing this work is <u>Nine Thousand Three Hundred Fifty-Nine and 15/100 Dollars (\$9,359.15)</u>

Clarifications:

- 1. Includes electrical work for phase 1 of the campus data conduit system extension in accordance with the email from Mario Nunez dated, June 1, 2021.
- 2. The work for phase 1 of the campus data installation consists of tying into the existing data pull box and extending North approximately 225 linear feet with (7) 2" schedule 40 PVC conduits.
- 3. The campus data work includes core drilling the existing pull box. New pull boxes are by others.
- 4. The campus data work includes removing a section of sidewalk approximately 2' x 7'. Installation of new sidewalk is excluded.
- 5. Includes a credit for (2) Hubbell floor outlet stub-ups in lieu of a standard floor box in accordance with RFI 44 dated, April 12, 2021.
- 6. The prices included are guaranteed for 7 calendar days from the date of this cover due to current market volatility as indicated in the email from Aniel Martinez dated May 21, 2021.
- 7. This Change Order Proposal is inclusive of the items specifically noted above. Any cost items omitted from this COP shall be submitted under a separate cover.

We appreciate the opportunity to provide you with this proposal. Please notify me if you have any questions.

Sincerely,

Charles Perry Partners, Inc.

Aniel Martinez Project Manager



pckge	Description	Grand Total Amount
	CHANGE ORDER PROPOSAL 09	
	Electrical Changes - Campus Data UG & RFI 44	
26A	ELECTRICAL	
	Campus Data Phase 1	9,031.78
	Floor Boxes RFI 44	(405.84)

Estimate Totals

Description	Amount	Totals	Rate	
subtotal cost of work	8,625.94	8,625.94		
general liability insurance	86.26		1.000 %	
P&P Bond	129.39		1.500 %	
profit/overhead	517.56		6.000 %	
Subtotal GC Markup	733.21	9,359.15		
Total		9,359.15		



EC-13003056

Project :

Trenton High School Cafetorium 1013 North Main Street Trenton, FL 32693

Description :

Change Order Proposal 11

5/25/2021 rev: 6/1/2021

Contractor:

Charles Perry Partners, Inc. 8200 NW 15th Place Gainesville, FL 32606

Phase 1: Campus data conduit system extension. This will tie into an existing pullbox and extend North approx. 225' w/ 7 - 2" schedule 40 PVC conduits. This quote includes core drilling the existing pullbox for the new 2" conduits and saw cutting/removing a ~2'x7' portion of sidewalk. This DOES NOT include concrete sidewalk replacement.

Amount	Materials	Unit	Totals	
7	2" PVC belled ends	\$ 6.75	\$ 47.25	
2	40lb mortar mix	\$ 8.95	\$ 17.90	
498 - 1600 -	2" schedule 40 PVC conduit	\$ 3.12	\$ - 4,992.00 -	4
7	2" PVC caps	\$ 3.95	\$ 27.65	
2	1 quart can PVC cement	\$ 17.99	\$ 35.98	

We can only guarantee these prices for 30 days due to rapid unpredictable material price increases.

		Tax o	al Materials n Materials al Materials	t - ,		5,138.72
Hours	Labor		Rate			
24	Labor 1-JW & 1-Helper	\$	72.50		\$ 1,740.00	
0	Labor Over Time	\$	108.75		\$ -	
1	walk-behind concrete saw	\$	250.00		\$ 250.00	
1	mini excavator rental	\$	325.00		\$ 325.00	
1	skid steer rental	\$	325.00		\$ 325.00	
1	compactor rental	\$	75.00		\$ 75.00	
				OH&P	\$ -1,082.89	1,178.06
				Total	\$ 9,277.12	9,031.78

Aniel Martinez

From:	Mario Nunez <mnunez@jra-arch.net></mnunez@jra-arch.net>
Sent:	Tuesday, June 1, 2021 10:38 AM
То:	Aniel Martinez; Terry Frey
Cc:	Jenni Bennett; David Spencer (spencerd@mygcsd.org); David Vincent; Meredith Manning; Said Saud Von Lippke
Subject:	FW: Trenton Cafetorium: Campus Data Revised Quote
Attachments:	CO proposal 11 rev1.pdf
Categories:	CHANGE ORDERS
Aniel,	

You are approved to proceed with this work based on attached revised proposal. Thank you. Mario.

From: Aniel Martinez <Aniel.Martinez@CPPI.com>
Sent: Tuesday, June 1, 2021 10:03 AM
To: Mario Nunez <mnunez@jra-arch.net>; David Spencer (spencerd@mygcsd.org) <spencerd@mygcsd.org>
Cc: Terry Frey <Terry.Frey@CPPI.com>; Jenni Bennett <Jenni.Bennett@CPPI.com>; Said Saud Von Lippke <Said.SaudVonLippke@CPPI.com>; Meredith Manning
<Meredith.Manning@CPPI.com>
Subject: Trenton Cafetorium: Campus Data Revised Quote

Mario/David,

Please review attached quote revision as you requested last week and advise if we can proceed with the work. We appreciate your prompt response as we are about to begin excavation activities in that area.

Thank you,



Aniel Martinez Project Manager CHARLES PERRY PARTNERS, INC. GENERAL CONTRACTOR | CONSTRUCTION MANAGER | DESIGN-BUILD

○ (352) 333-9292 | M (352) 681-0353

GAINESVILLE | CPPI.COM8200 NW 15th Place, Gainesville, Florida 32606COMMITMENT | INTEGRITY | TEAMWORK | EXCELLENCE | STEWARDSHIP

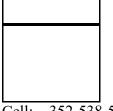


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From: Robert Crawford <<u>jonesvilleelectric@gmail.com</u>> Sent: Tuesday, June 1, 2021 8:51 AM To: Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>> Subject: Revised CO proposal 11

Please see our attached revised proposal per request.

Thank you, Robert Crawford



 Cell:
 352-538-5065

 Office:
 352-472-0185

 Fax:
 352-472-6555

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EC-13003056

Project :

Trenton High School Cafetorium 1013 North Main Street Trenton, FL 32693

Change Order Proposal 10

5/24/2021

Contractor :

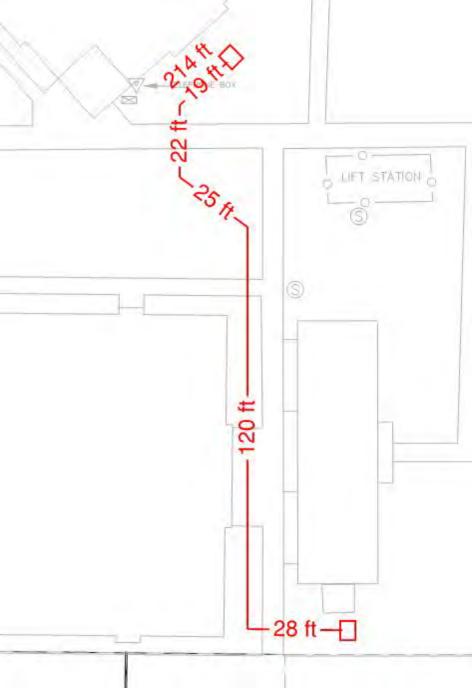
Charles Perry Partners, Inc. 8200 NW 15th Place Gainesville, FL 32606

Description :

RFI 44: Deleted standard floorbox ans provided 2 - Hubbell floor outlet stub-ups.

Amount	Materials	Unit	Totals		
-1	LeGrand floor box	\$ 639.17	\$	(639.17)	
1	3/4" GRC 90* elbow	\$ 7.05	\$	7.05	
1	1" GRC 90* elbow	\$ 9.53	\$	9.53	
1	Hubbell SC3098 housing	\$ 62.57	\$	62.57	
1	Hubbell SC3099 housing	\$ 62.57	\$	62.57	
1	Hubbell SS309D duplex cover	\$ 29.54	\$	29.54	
1	Hubbell SS309DS data cover	\$ 29.54	\$	29.54	
2	Hubbell SS309B blank cover	\$ 29.54	\$	59.08	

			tal Materials on Materials	,	(379.29) (26.55)	
		Tot	tal Materials		, , , , , , , , , , , , , , , , , , ,	\$ (405.84)
Hours	Labor		Rate			
2	Labor 1-JW & 1-Helper (additional Hubbell stub-ups)	\$	72.50			\$ 145.00
0	Labor Over Time	\$	108.75			\$ -
-2	Labor 1-JW & 1-Helper (deleted floor box)	\$	72.50			\$ (145.00)
						\$ -
				OH	&P	\$ -
				Tot	al	\$ (405.84)



RFI DETAIL

#44 Electrical Floor Box and Floor Outlet



ANSWERED	CREATED	RESPONDED	DUE DATE
ANSWERED	Apr 12, 2021	Apr 26, 2021	Apr 19, 2021

Creator Jennifer Bennett CPPI Manager Jennifer Bennett CPPI Reviewer Mario Nunez JRA Architects, Inc. Co-Reviewer(s) Todd Hinkle (JRA Architects, Inc.) Location Kitchen

Reference Drawing

QUESTION

1. On sheet E6.0 dated April 15, 2020, a floor box is shown in the middle of the kitchen without any panel/circuit designation. Does this box require power or is it for communications only?

2. On sheet E1.1 dated April 15, 2020, please indicate where the floor outlet stub-ups(detailed) are to be installed. *Suggested Answer:*

RESPONSE

Question #1

Delete floor box and provide two Floor Outlet Stub-Ups (i.e. "tombstone" J-boxes) in its place, one duplex/power, and one for data. Typical ¾" power conduit to LKP, and 1" data conduit to COMM rack, per attached revised electrical sheets

Question #2

Install where symbols (per legend on detail title) are shown on plan (i.e. under serving counters at locations at serving lines, Ref. sheet E4.2)

Additional Change unrelated to questions above:

Pease revise installation height of power outlets for kitchen equipment #'s 168 & 169 from 72" to 96" AFF., per attached revised E4.2.

By Mario Nunez - Apr 26, 2021 JRA Architects, Inc.

OTHER ATTRIBUTES

Priority Normal

Discipline Architectural, Electrical

Category Constructability

External ID 01-11-20144

IMPACT

Cost Impact Unknown

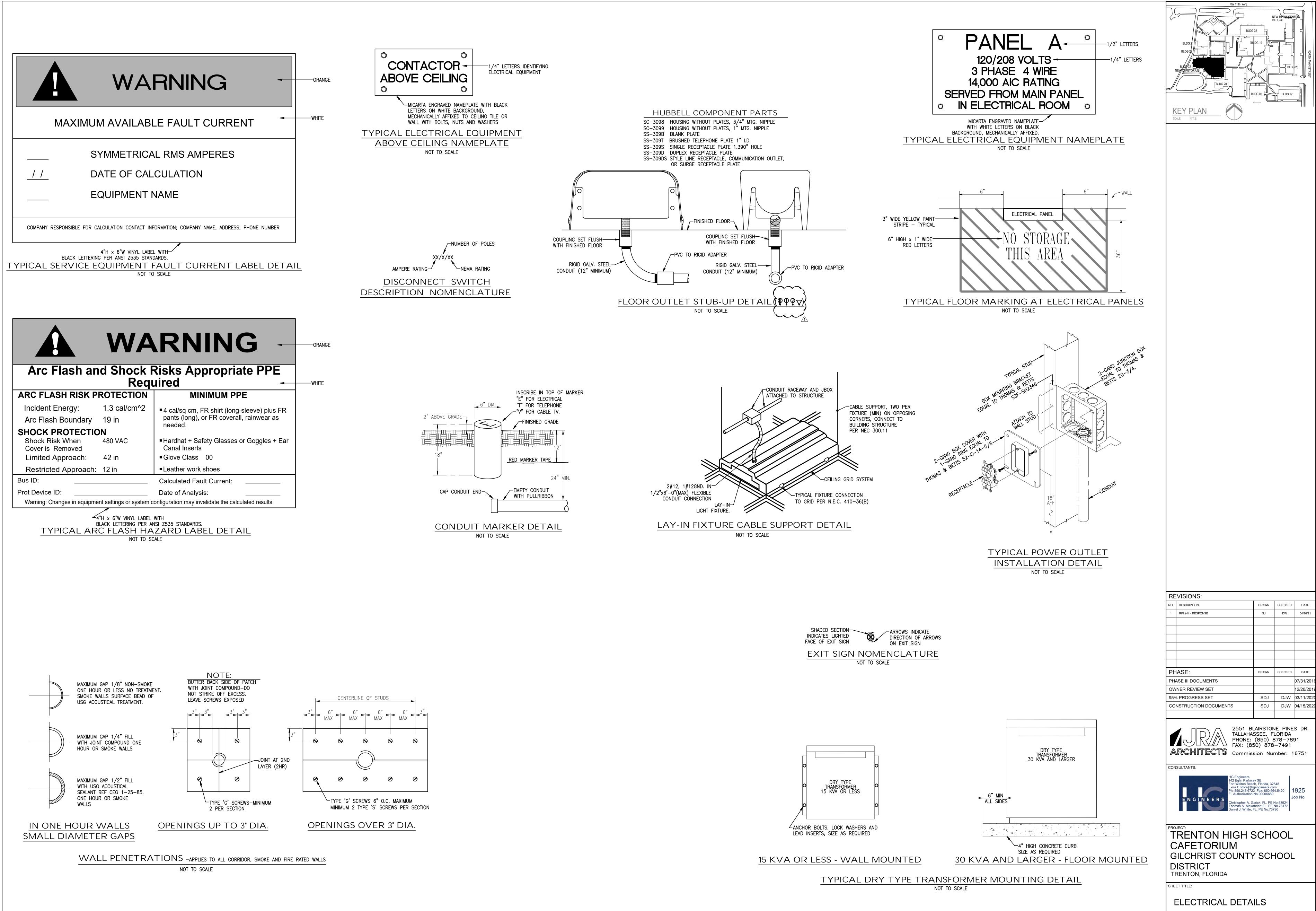
Schedule Impact Unknown

OTHER ATTACHMENTS

• RFI #44 Revised Sheets E1.1 E3.1 E4.2 & E6.0).pdf - Apr 27, 2021 - Mario Nunez

• RFI 44 Electrical Floor Box and Floor Outlet.pdf - Apr 12, 2021 - Jennifer Bennett

ACTIVITIES	BY	АТ
Created this RFI in DRAFT status and assigned to Jennifer Bennett	Jennifer	
Changed the due date to Apr 19, 2021	Bennett	Apr 12, 2021
Reassigned this RFI to Jennifer Bennett		
Uploaded RFI 44 Electrical Floor Box and Floor Outlet.pdf	Jennifer Bennett	Apr 12, 2021
Changed status from DRAFT to OPEN	Jennifer	
Changed the due date to Apr 19, 2021	Bennett	Apr 12, 2021
Reassigned this RFI to Mario Nunez		Αρι 12, 2021
Jennifer Bennett Set the Number to 44		
Uploaded RFI #44 Revised Sheets E1.1 E3.1 E4.2 & E6.0).pdf	Mario Nunez	Apr 27, 2021
Changed status from OPEN to ANSWERED	Mario Nunez	Augu 27, 2024
Reassigned this RFI to Jennifer Bennett		Apr 27, 2021



SHEET NUMB

- RESPONSE	55	Dvv	04/20/21
	DRAWN	CHECKED	DATE
	DRAWN	CHECKED	DATE
DOCUMENTS			07/31/2016
EVIEW SET			12/20/2019
GRESS SET	SDJ	DJW	03/11/2020
CTION DOCUMENTS	SDJ	DJW	04/15/2020
HITECTS Commis	(850) 8 50) 878 sion Nui	-7491	
ITS:			
142 Eglin Parkw Fort Walton Bea E-mail: office@t Ph: 850.243.672 Fl. Authorization Christopher A. O Thomas A. Alex Daniel J. White;	ch, Florida, 32 gengineers.co 23 Fax: 850.66 No.00006680 Garick; FL. PE I ander; FL. PE	m 4.5420 1 No.53924 No.73172	1 925 ob No.
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MAIN PANEL - CAFETORIUM SYSTEM 480/277V 3Φ 4W PANEL MDP** RATING 1000A *M.C.B. 18,000 AIC MINIMUM ENCLOSURE NEMA 1 SURFACE MOUNT OPTIONS BOLT ON BREAKERS; SERVICE ENTRANCE RATED; GROUND FAULT PROTECT CKT BKR CONNECTED CKT BKR CKT SERVING SERVING TRIP POLE LOAD (VA) POLE TRIP 25429 3 40 WAREWASHER CONVEYOUR-ITEM 215 1 CHILLER CH-2.1 250 130048 3 200 PANEL HPE 200 89625 PANEL HPW 34842 PANEL ST (VIA TRANSFORMER TST) 139620 11639 3 25 TRASH COMPACTOR 19 PANEL LKP (VIA TRANSFORMER TK) 300 SPACE ONLY (300 AMP FRAME) 3 184242 25 WAREWASHER BOOSTER HEATER-ITEM 215. SPACE ONLY (300 AMP FRAME) 1 SPACE ONLY SPACE ONLY 37 SPACE ONLY 60 SURGE PROTECTIVE DEVICE 39 ---

NEW PANEL - CAFETORIUM **SYSTEM** 208/120V 3Φ 4W PANEL LKP RATING 800A M.L.O. 10,000 AIC MINIMUM ENCLOSURE NEMA 3R SURFACE MOUNT **OPTIONS** BOLT ON BREAKERS; THREE EQUAL SECTIONS CKT BKR CONNECTED CKT BKR CKT SERVING SERVING TRIP POLE LOAD (VA) POLE TRIP 1 AIR CURTAIN-ITEM 102 15 1456 1200 20 WALK IN COOLER LTS-ITEM 105 324 ALK IN COOLER EVAP COIL-ITEM 105.1 25 WALK IN COOLER COND-ITEM 105.2 WALK IN FREEZER LIGHTS-ITEM 105.3 1200 3120 WALK IN FREEZER EVAP COIL-ITEM 105.4 1831 1831 WALK IN FREEZER EVAP COIL-ITEM 105.4 WALK IN FREEZER COND-ITEM 105.5 9215 500 DIGITAL MENU BOARD-ITEM 208 5 DISPOSALW/CONTROL-ITEM 118 360 VEG PREP TABLE-ITEM 117 2376 360 MEAT PREP TABLE-ITEM 125 1800 DS'-ITEM 133.2 'UDS'-ITEM 133.2 360 WORK TABLE MOBILE-ITEM 140 360 **WORK TABLE MOBILE-ITEM 140** 360 BAKERS TABLE-ITEM 144 1500 WARMING CABINET-ITEM 145 40 GAL MIXER-ITEM 141 2520 20 1332 2 15 ICE MAKER-ITEM 149 33 DRYER-ITEM 154 360 **WORK TABLE-ITEM 151** 5000 1200 ASHER-ITEM 153 1176 1020 LICER/MIXER-ITEM 163/165 37 REACH IN REFRIG-ITEM 162 20 39 REFRIG PASS THRU CABINET-ITEM 169 HEATED PASS THRU CABINET-ITEM 168 1 1284 3000 20 41 REFRIG PASS THRU CABINET-ITEM 171 1176 43 'HEATED PASS THRU CABINET-ITEM 168 3000 1311 20 HEATED PASS THRU CABINET-ITEM 170 EFRIG PASS THRU CABINET-ITEM 169 47 'HEATED PASS THRU CABINET-ITEM 170 1311 1284 1176 EFRIG PASS THRU CABINET-ITEM 171 36000 125 'SERVING COUNTER-ITEM 172 **1** SERVING COUNTER-ITEM 172 36000 2376 SERVING COUNTER-ITEM 193 36000 20 DISPOSER W/CONTROL-ITEM 213 63 SERVING COUNTER-ITEM 182 1200 36000 FROZEN DRINK DISPENSER-ITEM 200 **AICROWAVE-ITEM 204** 1608 1608 20 MICROWAVE-ITEM 204 69 KITCHEN EXHAUST FAN (KEF-1,2)-ITEM 134 3960 2160 ITCHEN SUPPLY FAN (MUA)-ITEM 135 75 HOT WATER DISPENER-ITEM 116 5000 360 20 CAN OPENER-ITEM 114/115 79 15 CONDENSATE FAN (KEF-3)-ITEM 216.1 1200 79 MOBILE OVEN RETHERM-ITEM 159 3 12000 20 HAND DRYER-02-101B 1200 20 HAND DRYER-02-101B 20 HAND DRYER-02-101A 1200 1200 20 HAND DRYER-02-101A 85 MOBILE OVEN RETHERM-ITEM 159 12000 1200 20 HAND DRYER-02-101K 1200 20 HAND DRYER-02-103L 1 20 HAND DRYER02-100A 92 1200 HAND DRYER-02-100A 1200 93 SPACE ONLY 1000 20 REC-P.O.S. ITEM 180 95 SPACE ONLY How SPACE AND MAN 1964 97 SPACE ONLY PACE ONLY 99 SPACE ONLY PACE ONLY 101 SPACE ONLY PACE ONLY 103 SPACE ONLY PACE ONLY 105 SPACE ONLY PACE ONLY 107 SPACE ONLY PACE ONLY 109 SPARE PARE 111 SPARE PARE 20 113 SPARE PARE 115 SPARE 60 SURGE PROTECTIVE DEVICE 117 SPARE 119 SPARE 20 1 -TOTAL CONNECTED LOAD = 280154 VA / 360 = 778.2 ANOTES:

DEMAND FACTOR PER N.E.C. 220-56 184242 VA / 360 = 511.8 A

NEW PANEL - CAFETORIUM

SYSTEM 208/120V 3Φ 4W PANEL LPW RATING 100A M.C.B. 10,000 AIC MINIMUM **ENCLOSURE** NEMA 1 SURFACE MOUNT **OPTIONS** BOLT ON BREAKERS CKT BKR CONNECTED CKT BKR CKT SERVING SERVING TRIP POLE LOAD (VA) POLE TRIP **REC-GIRLS DRESSING ROOM, CUSTODIAL** 540 360 20 REC-TLTS REC-CORR, ELECT, EXTERIOR REC- BOYS DRESSING ROOM 360 REC-MENS TLT, LOBBY, EXTERIOR REC-WOMEN TLT, STAFF TLT, VEST, EXTER 900 720 EXHAUST FAN EF-2.1, TU-2.5.1 & 2.5.2 400 20 MOTOR DAMPERS 600 EWH-1 WATER HEATER 20 REC-EWC-LOBBY 500 3000 1200 20 HAND DRYER-02-107A 13 REC-STO, VEST RAMP, EXTERIOR 20 REC-STO, VEST, RAMP, EXTERIOR 900 900 **15** REC-MECH MEZZANINE 20 MINI SPLIT COND. UNIT HP-2.3 (WM-2.5,WM-360 17 HAND DRYER-02-108A 1200 SURGE PROTECTIVE DEVICE **19** HAND DRYER-02-100B 30 1200 **21** HAND DRYER-02-100B 1200 23 SPACE ONLY

TOTAL CONNECTED LOAD = 18284 VA / 360 = 50.8 A

NOTES: *

NEW PANEL - CAFETORIUM

SYSTEM 208/120V 3Φ 4WPANEL ST RATING 400A M.C.B. 10,000 AIC MINIMUM ENCLOSURE NEMA 1 SURFACE MOUNT **OPTIONS** BOLT ON BREAKERS CKT CKT CKT BKR CONNECTED CKT BKR SERVING SERVING LOAD (VA) POLE TRIP TRIP POLE RONT OF HOUSE ELECTRIC I FRONT OF HOUSE ELECTRIC 1800 -800-1800 3 FRONT OF HOUSE ELECTRIC 1800 -RONT OF HOUSE ELECTRIC 5 FRONT OF HOUSE ELECTRIC 1800 RONT OF HOUSE ELECTRIC 1800 -1ST STAGE ELECTRIC 1800 1800 ST STAGE ELECTRIC ST STAGE ELECTRIC 1ST STAGE ELECTRIC 1800 1800 **5T STAGE ELECTRIC** 1ST STAGE ELECTRIC 1800 -1800 3 2ND STAGE ELECTRIC 1800 -2ND STAGE ELECTRIC 1800 -1800 2ND STAGE ELE<u>CTRIC</u> 15 2ND STAGE ELECTRIC 1800 2ND STAGE ELECTRIC 1800 1800 2ND STAGE ELECTRIC 20 19 3RD STAGE ELECTRIC 1800 1800 3RD STAGE ELECTRI 1 3RD STAGE ELECTRIC 800 3RD STAGE ELECTRIC 800 3RD STAGE ELECTRIC 1800 1800 3RD STAGE ELECTRI 25 4TH STAGE ELECTRIC 1800 1800 4TH STAGE ELECTRIC 4TH STAGE ELECTRIC 1800 1800 TH STAGE ELECTRIC 29 4TH STAGE ELECTRIC 1800 1800 TH STAGE ELECTRIC 31 STAGE RIGHT WALL 1500 1500 TAGE RIGHT WALL 33 STAGE RIGHT WALL 1500 1500 20 TAGE RIGHT UPSTAGE WALL **35** STAGE RIGHT UPSTAGE WALL 1500 -1500 20 TAGE RIGHT UPSTAGE WALL 37 STAGE LEFT WALL 1500 1500 TAGE LEFT WALL 40 1500 **39** STAGE LEFT WALL 1500 -TAGE LEFT UPSTAGE WALL 41 STAGE LEFT UPSTAGE WALL 1500 1500 STAGE LEFT UPSTAGE WALL 43 CONTROL REPEATER POWER FRONT OF HOUSE 1000 1000 20 CNTRUREPEATER POWER STAGE FLECTRIC 1-2 45 CNTRL REPEATER POWER STAGE ELECTRIC 3-4 720 EC-AUDITORIUM 1000 47 REC-STAGE 900 720 20 REC-AUDITORIUM 49 REC-PROJECTOR 1500 500 REC-SPECIAL EQUIPMENT 2160 51 MOTOR-FRONT OF HOUSE ELECTRIC 2160 20 MOTOR - 1ST STAGE ELECTRIC MOTOR-2ND STAGE ELECTRIC MOTOR - 3RD STAGE ELECTRIC 2160 2160 CKT 63 MOTOR-4TH STAGE ELECTRIC 1500 160 4 1200 C-SOUND CABINET 500 GGING SYSTEM POWER INJECTOR 69 REC-PROJECTOR 720 EC-AV - STAGE FLOOR 500 10 71 REC-AV - PODIUM FLOOR CONTROL 1500 REC-AV - COLUMN ARRAY 73 REC-AV - COLUMN ARRAY 500 1500 C-AV - SUBWOOFER 75 REC-AV - SUBWOOFER 500 1500 EC-AV - RM 02-105D 7 REC-AV - RM 02-105D 500 1500 EC-AV - RM 02-105D 79 REC-AV - RM 02-105D 500 EC-AV - RM 02-100 MONITOR 1500 81 REC-AV - RM 02-101C 1500 500 EC-AV - RM 02-1010 83 REC-AV - RM 02-101C 1500 EC-AV - STAGE 1500 85 REC-AV - STAGE 1500 REC-AV - STAGE 1500 -87 REC-AV - FLOOR RM 101 360 REC-AV - RM 101 EAST WALL 1 20 REC-AV - CEILING - SPEAKERS 30 89 REC-AV - RM 101 EAST WALL 180 360 91 REC-AV - RM 02-101 MONITORS 1500 1000 REC-AV - CEILING - REAR FILL SPEAKERS 500 93 REC-AV - RM 02-101 MONITORS REC-AV - SPECIAL EQUIPMENT 34 500 95 REC-AV - CEILING PROJECTOR 1500 36 EC-AV - CEILING PROJECTOR 500 -97 REC-AV - FLOOR CONTROL CONSOLE 500 1500 EC-AV – FLOOR CONTROL CONSOLE 40 1500 1500 99 REC-AV - FLOOR CONTROL CONSOLE REC-AV - FLOOR CONTROL CONSOLE 1500 REC-AV - SUBWOOFER 101 REC-AV - SUBWOOFER 500 720 44 103 REC-AV - PODIUM FLOOR CONTROL EC-AV - STAGE FLOOR 105 REC-AV - FLOOR RM 101 360 -1500 -REC-AV - COLUMN ARRAY 107 REC-AV - COLUMN ARRAY 48 1500 PARE 109 SPARE PARE

TOTAL CONNECTED LOAD = 139620 VA / 360 = 387.8 A

TOTAL DEMAND LOAD; 136620 - 56050 = 80,570 VA = 224 Amps

PACE ONLY.

PACE ONLY

SURGE PROTECTIVE DEVICE

NEW	PANEL	- CAFE	FORIUN
			ever

111 SPARE

70

84

108

120

CKT

113 SPACE ONLY

115 SPACE ONLY

117 SPACE ONLY 119 SPACE ONLY

PANEL LPE		YSTEM ATING	208 200A	/120V M.C	3Ф С.В.		AIC MINIMUM			PANEL T			NEM BOLT O			CE MU		
PANEL LFE				MA 1 ON BREA		ACE MO	UNT	-	CKT #	SERVING	CKT TRIP	BKR POLE		ECTED D (VA)	CKT POLE	BKR TRIP	SERVING	C
SERVING	CKT	-	CONN	VECTED	CKT	BKR	SERVING	CKT #		REC-RM 02-113 REC-COMM (MDF)	20 20	1	180 720	720 720	1		RECCOMM (MDF RECCOMM (MDF	
REC-BOILER	20	1	180	1080	1	20	REC-OFFICE	2		REC-COMM (MDF) SPARE	20 20	1	360		1	20 20	SPARE SPARE	
REC-PAPER STOR, DRY STOR	20	1	360	900	1	20	STOR, CUST, STAFF TLT, LAUNDRY, LOCK.	4	9	EQUIPMENT RACK	30	2	2400	2400	2	30	EQUIPMENT RACK	
REVERSE FOLD SEATING	20	3	793	720	1	20	REC-LOBBY, VEST.	6	11							-		
1	1.4		-	500	1	20	REC-EWC-DINING	8	13	SPARE	20	1		- -	1	20	SPARE	1.1
		-		900	1	20	REC-DINING, CHAIR STOR.	10	15	REC-RM 02-102 MONITORS	20	1	1500	1500	1	20	REC-RM 02-102 MONITORS	1
REC-EWC-DINING	20	1	500	1080	1	20	REC-DINING, EXTERIOR	12	17	REC-RM 02-111	20	1	180	180	1	20	REC-RM 02-111	
3 REC-BOYS & GIRLS TOILETS, VEST.	20	1	1080	540	1	20	REC-DINING, VEST, EXTERIOR	14	19	GENERATOR BLOCK HEATER	20	1	1500		1	20	SPARE	
5 DUCT TERMINAL UNITS TU-2.1.1 - TU-2.1.5	20	1	1000	576	1	20	BP-1, BP-2 BOILER PUMPS	16	21	GENERATOR BATTERY CHARGER	20	1	500		1	20	SPARE	
7 IWH-1, CP-1	*20	1	1590	4000	2	35	MINI SPLIT COND. UNIT HP-2.1	18	23	SPARE	20	1	-		1	20	SPARE	
MINI SPLIT AIR HANDLER WM-2.1	15	2	69	1.1-1.1				20	25	SPARE	20	1	-		1	20	SPARE	
2	1	3-1	1	60	2	15	MINI SPLIT AIR HANDLER WM-2.2, WM-2.3	22	27	SPARE	20	1	-		1	20	SPARE	E
3 REC-MECH MEZZANINE	20	1	720	1.22		1.4		24	29	SPACE ONLY		1			1		SPACE ONLY	
5 REC-OUTDOOR HVAC EQUIPMENT	20	1	180	1584	1	20	EXHAUST FANS EF-2.2, 2.3 & 2.4	26	31	SPACE ONLY		1			1		SPACE ONLY	
7 REC-ELEC EXTERIOR	20	1	540	1500	1	20	FIRE ALARM CONTROL PANEL	28	33	SPACE ONLY	•	1	-	5-0-1-1	1		SPACE ONLY	
HEAT TAPE-CHILLER	20	1	1000	500	1	20	REC-EWC-DINING	30	35	SPACE ONLY	-	1			1		SPACE ONLY	
GB-2.1, GB-2.2 GAS BOILERS	*20	1	1896	3931	2	20	MINI SPLIT COND. UNIT HP-2.2 (WM-2.4)	32	37	SURGE PROTECTIVE DEVICE	30	3			1		SPACE ONLY	
3 SPACE ONLY		1	1.1		2.	-		34	39		-				1		SPACE ONLY	
5 SPACE ONLY		1		-	1	-	SPACE ONLY	36	41		1.00	1.1			1		SPACE ONLY	
5 SURGE PROTECTIVE DEVICE	30	3		12860	3	60	PANEL T	38	(
)	-	-			-	-		40		TOTAL CONNECTED LOAD =			12860 VA	1	360	-	35.7 A	
Lis			-	-		1.2-1.		40 42	NOT			_	12000 VA	T I	500	-	55.1 R	

* LOCKABLE BREAKER



NGN	PANEL HPE	R ENCL	YSTEM ATING OSURE PTIONS	200A NEM	277V M.L MA 1 N BREAL	SURFA	~	AIC MINIMUM UNT	_
CKT #	SERVING	CKT TRIP	BKR POLE		ECTED D (VA)	CKT POLE	BKR TRIP	SERVING	CKT #
1	LTS-DINING	20	1	3730	3147	1	20	LTS-KITCHEN, FOOD COURT & ADJACENT	2
3	LTS-BUILDING EXTERIOR	20	1	1222	180	1	20	SMOKE DAMPERS	4
5	LTS-MECH MEZZANINE	20	1	660	it Set 1	1	20	SPARE	6
7	CHP-2.1 CHILLED WATER PUMP	25	3	9145	9145	3	25	CHP-2.2 CHILLED WATER PUMP	8
9			12.00	i Nordi	-8 · .				10
11			5.0	1.1.1		•			12
13	HWP-2.1 HOT WATER PUMP	15	3	2400	2400	3	15	HWP-2.2 HOT WATER PUMP	14
15									16
17									18
19	AHU-2.1 AIR HANDLER	15	3	5280	6960	3	20	AHU-2.2 AIR HANDLER	20
21									22
23				-			-		24
25	AHU-2.3 AIR HANDLER	15	3	3040	1662	3	15	FC-2.1	26
27				1 8 1			-		28
29		1.4.			1.0		-		30
31	JOCKEY PUMP	1000	3	15		3		SPACE ONLY	32
33			-		1000	-			34
35		-			-	-			36
37	SURGE PROTECTIVE DEVICE	30	3		40639	3	100	PANEL LPE (VIA TRANSFORMER TPE)	38
39			3						40
41			•						42

NOTES:

CKT

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NEW PANEL - CAFETORIUM

ENGINE	PANEL HPW		YSTEM ATING	480/2 200A	277V M.L	3Ф 0.	4W	AIC MINIMUM	-
	PANEL HPW	ENCL	OSURE	NEM	/A 1	SURFA	UNT		
		OI	TIONS	BOLT O	N BREA	KERS			
C KT #	T SERVING		BKR POLE	CONN	ECTED (VA)	CKT POLE	BKR TRIP	SERVING	CKT #
-	LTS-DRESSING, CORR, TLT, ELECT, BK STAGE	TRIP 20	1	1134	1112	1	20	LTS-LOBBY, TLTS, VEST, CORR, SOUND	2
	LTS-AUDITORIUM	20	1	3960	1642	1	20	LTS-NEW CANOPIES	4
	LTS-MECH MEZZANINE	20	1	210	1000	1	20	SPARE	6
7	AHU-2.4 AIR HANDLER	15	3	5280	3040	3	15	AHU-2.5 AIR HANDLER	8
9				11.4			52.5		10
11			1.4						12
13	PANEL LPW (VIA TRANSFORMER TPW)	40	3	18284	180	1	20	SMOKE DAMPERS	14
15			2-3			2	5.0	SPACE ONLY	16
17		1.4	1.1	1		1.00			18
19	SPACE ONLY	1.4	3	-	1-1-1	3	19.2	SPACE ONLY	20
21		-	-		1.00	1.00	5 - D		22
23		1.00	1.00			1.00	540		24
25	SPACE ONLY	1.5-23	3	10-21	1.1	3	14.25	SPACE ONLY	26
27			2.0			1	-		28
29									30
31	SPACE ONLY		3			3		SPACE ONLY	32
33			-						34
35				1.0	-	1.00	2-		36
37	SPACE ONLY		3			3	30	SURGE PROTECTIVE DEVICE	38
39			12-63						40
41		-	-				· • ·		42

NOTES:

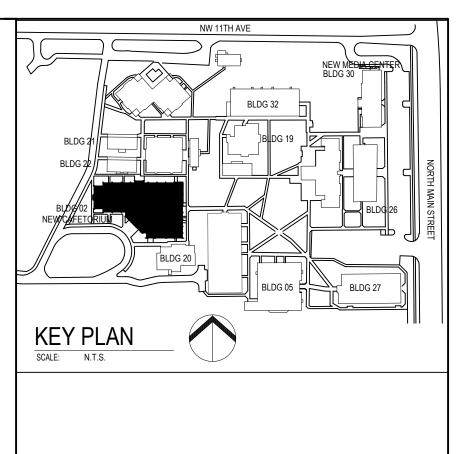
NEW PANEL - CAFETORIUM

REVISIONS: NO. DESCRIPTION ASI #1 ASI #6 RFI #4 PHASE: PHASE III D









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NO.	DESCRIPTION	DRAWN	CHECKED	DATE
1	ASI #1	SJ	DW	10/30/20
2	ASI #6	SJ	DW	04/19/21
3	RFI #44 - RESPONSE	SJ	DW	04/26/21
Pŀ	IASE:	DRAWN	CHECKED	DATE
PH	ASE III DOCUMENTS			07/31/201
OW	/NER REVIEW SET			12/20/201
95%	% PROGRESS SET	SDJ	DJW	03/11/2020
		SDJ	DJW	04/15/2020
				5 11 10/2020
	ARCHITECTS Commis ARCHITECTS Commis ASULTANTS: HG Engineers 142 Eglin Parkwr Fort Walton Bea E-mail: office@h Ph: 850.243.672 FI. Authorization Christopher A. G Thomas A. Alexa Daniel J. White;	ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 earick; FL. PE	548 m 4.5420 No.53924	6751 925 ob No.
T C G	RENTON HIGH S CAFETORIUM SILCHRIST COUNTY			
	RENTON, FLORIDA			
T				
SHE	RENTON, FLORIDA	G 02) - PA	NEL
SHE	RENTON, FLORIDA			
SHE	RENTON, FLORIDA) - PA E3	

<u> </u>	KITC			LL EQUIPM	ENT CI		REQUI	REMEN	TS WITH	H MANUF		SHOP DRA	WINGS PI	N SCHEI RIOR TO ROUGH-IN)	JUL	.E
	DESCRIPTION CAN WASHER AIR CURTAIN, UNHEATED	LTON	Φ	TOTAL CONNECTED VA	% MCA	MOCP MOCP	-	EIFIED EIIOd 2	SETS		E 10K/ CONDUCT		LIINGNOO 3/4"	DISCONNECT DISCONNECT DISCONNECH	MOUNTING HEIGHT	REMARKS
103 104 105 105.1	TRUCK STOCKING OFFICE FURNISHINGS WALK-IN COOLER - LIGHTS EVAPORATOR COIL - COOLER	120 120	1	1200 324	12.5 3.4	20 20	20 20	1	1	2 2 2	#12 #12	#12 #12	3/4" 3/4"	BREA KER BREA KER	114" AFF 114" AFF	PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE-
105.3 105.4	REMOTE CONDENSER - COOLER WALK-IN FREEZER - LIGHTS EVAPORATOR COIL - FREEZER	208 120 208	1 1 1	3120 1200 1831	18.8 12.5 8.8	20 20 20	25 20 20	2 1 1	1 1 1	3 2 3	#10 #12 #12	#10 #12 #12	3/4" 3/4" 3/4"	BREAKER BREAKER BREAKER	114" AFF 114" AFF	PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE-
06 07 08 09 10 11	REMOTE CONDENSER - FREEZER OPEN IT EM RACK, DUNNAGE COOLER/FREEZER SHELVING-4 TIER DRY STORAGE SHELVING-5 TIER RACK CAN, FIRST IN-FIRST OUT RACK, DUNNAGE PAPER STORAGE SHELVING-5 TIER	208		9215	55.4	60	60	2		3	#6	#10	3/4"	BREAKER	36" AFF	PROVIDE LOCKABLE BREAKER; NOTE-
114	RACK, DUNNAGE CAN OPENER, ELECTRIC W ORK TA BLE W/DRA WER	120 120	1	180 180	1.9 1.9	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R NEMA 5-20R	50"AFF 50"AFF	INSTALL (1)CONVENIENCE OUTLET OI
116	S/S WALL SHELF-2 TIER DISPENSER, HOT WATER VEG. PREP TABLE W/SINKS	208 120	1	5000 360	30 3.8	30 20	30 20	2 1	1	3	#10 #12	#10 #12	3/4" 3/4"	NEMA 6-30R NEMA 5-20R	50"AFF 50"AFF	INSTALL (2)CONVENIENCE OUTLET OI
118	FAUCET, WALL MOUNT DISPOSER W/CONTROL OPEN IT EM	208	3	2376	<mark>8.</mark> 3	20	20	3	1	4	#12	#12	3/4"	BREAKER	30" AFF	PROVIDE LOCKABLE BREAKER; CONNECT VIA CONTROL PANE; NOTE
120 121	32 GAL TRA SH CAN-MOBILE S/S PA SSOVER SHELF-56" AFF OPEN IT EM															
123 124	TRASH RECEPTACLE HA ND SINK-WALL MOUNT MEAT PREP. TABLE W/SINK	120	1	360	3.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	INSTALL (2)CONVENIENCE OUTLET OI
125.1 126	FAUCET-WALL MOUNT S/S CORNER GUARDS GAS STEAMER, CONVECTION	120	1	240	2.5	20	20	1	1	2	#12	#12	3/4"			CONNECTED VIA 'UDS SYSTEM; NOTE
128 129	FLOOR TROUGH GAS TILT SKILLET KETTLE AND STAND ASSEMBLY	120 208	1 3	1080 11880	11.3 41.3	20 40	20 40	1 3	1	2 4	#12	#12 #10	3/4" 3/4"			CONNECTED VIA 'UDS SYSTEM; NOTE CONNECTED VIA 'UDS SYSTEM; NOTE
131	FLOOR TROUGH OPEN ITEM ISLAND EXHAUST HOOD															
33.1	FIRE SUPPRESSION SYSTEM UTILITY DISTRIBUTION SYSTEM (UDS)	208 120	3	28900 1800	100 18.8	125 20	125 20	3	1	4	#1 #12	#6 #12	1-1/2" 3/4"	BREAKER BREAKER		NOTE-'B'; NOTE-'F' NOTE-'B'; NOTE-'F'
	EXHA UST HOOD FA N "KEF-1" A ND "KEF-2"	208	3	1368	3.8	20	20	3	1	3	#12	#12	3/4"	INTEGRAL DISC. SW. INTEGRAL		REFER TO KITCHEN EQUPT. PLANS FO CONNECTION INFORMATION. REFER TO KITCHEN EQUPT. PLANS FO
136	EXHA UST HOOD MAKE-UP FAN "MUA" GAS RANGE, HEA VY DUT Y GAS OVEN. CONVECTION, DOUBLE DECK	208 120	3	3960	11	20	20 20	3	1	3	#12	#12	3/4"	DISC. SW.		CONNECTION INFORMATION.
139	GAS OVEN-STEAMER, COMBI, DOUBLE DECK OPEN ITEM W ORK TA BLE, MOBILE	208 120	1	1352 360	8.1	15 20	15 20	2	1	2	#12	#12	3/4" 3/4"	NEMA 6-15R NEMA 5-20R		CONNECTED VIA 'UDS SYSTEM; NOTE
141 142	40 GAL. MIXER, FLOOR S/S WALL SHELF, UTENSILS BIN, INGREDIENT	208	3	2520	8.8	20	20	3	1	3	#12	#12	3/4"	NEMA L15-20R	50"AFF	
144 144.1	BAKERS TABLE, W/DRAWERS S/S WALL SHELF, 2-TIER CABINET, MOBILE, WARMING/HOLDING	120 120	1	360	3.8 15.6	20 20	20 20	1	1	2	#12	#12	3/4" 3/4"	NEMA 5-20R NEMA 5-20R	50"AFF 72"AFF	INSTALL (2)CONVENIENCE OUTLET O
147	SHELVING, ADJUSTABLE POTSINK, 3-COMPARTMENT FAUCET, WALL MOUNT															
	S/S WALL MOUNT POT RACK ICE MAKER FILTER SYSTEMS, ICE MAKER	208	1	1332	8	15	15	2	1	2	#12	#12	3/4"	BREAKER	78"AFF	
150	BIN. ICE FLOOR TROUGH W/FIBERGLASS GRATE WORKTABLE	120	1	360	3.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	INSTALL (2)CONVENIENCE OUTLET OI
152	S/S WALL SHELF EMPLOYEE LOCKERS WASHER, DOMESTIC	120	1	1200	12.5	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	
	DRYER, DOMESTIC CART, UTILITY MOPSINK W/FA UCET	208	1	5000	30	30	30	2	1	2	#10	#10	3/4"	NEMA 14-30R	50"AFF	
	MOP/BROOM SHELF OPEN IT EM OVEN, RETHERM AND HOLD (MOBILE)	208	3	12000	33.3	50	50	2	1	2	#8	#10	3/4"	NEMA 15-50R	90"AFF	
161	RACK , UNIVERSAL SHELVING, ADJUSTABLE REFRIGERATOR, REACH-IN	120	1	1176	12.3	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	90"AFF	
164	SLICER, FOOD SLICER TABLE-MOBILE MIXER, COUNTER	120 120	1	300 720	3.1	20 20	20 20	1	1	2	#12	#12 #12	3/4" 3/4"	NEMA 5-20R NEMA 5-20R	50"AFF	
167	MIXER TABLE-MOBILE S/S WALL SHELF, UTENSILS CABINET, HEATED, PASS-THRU	208	1	3000	18	20	20	2	1	2	#12	#12	3/4"	NEMA 6-20R	96"AFF	
170	REFRIGERATOR, PASS-THRU CABINET, HEATED, PASS-THRU REFRIGERATOR, PASS-THRU	120 208 120	1 1 1	1284 1311 1176	13.4 7.9 12.3	20 20 20	20 20 20	1 2 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R NEMA 6-20R NEMA 5-20R	96"AFF 96"AFF 96"AFF)
173 174	SERVING COUNTER 5 W ELL HOT/COLD UNIT, BUILT-IN SLOPED FRONT FOOD PROTECTOR	208 208	3	36000 3495	125 21	125 20	125 20	3 2	1	4	#1 #12	#6 #12	1-1/2" 3/4"	BREAKER NEMA 14-20R	6"AFF	PRE-WIRED CONNECTION IN #172
176 177	DROP-IN, HEA TED SHELF CERA N HEA TED SHELF 3 WELL, SLOPED COLD WELL, BUILT-IN	120 208 120	1 1 1	600 604 912	6.3 2.9 9.5	20 20 20	20 20 20	1 1 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172
179 180	SLOPED SNACK SHELF REFRIGERATED SELF-SERVICE CASE POS	120 120 120	1 1 1	240 1480 1200	2 17.9 12.5	20 20 20	20 20 20	1 1 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R NEMA 5-20R		PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION SERVING C
182 183	REFRIGERA TED SELF-SERVICE CA SE SERVING COUNTER 4 WELL HOT/COLD UNIT, BUILT-IN	120 208 208	1 3 1	1480 36000 2996	17.9 125 18	20 125 20	20 125 20	1 3 2	1 1 1	2 4 3	#12 #1 #12	#12 #6 #12	3/4" 1-1/2" 3/4"	NEMA 5-20R BREAKER NEMA 14-20R	6"AFF	PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #182
185 186	SLOPED FRONT FOOD PROTECTOR DROP-IN, HEA TED SHELF CERA N HEA TED SHELF OPEN IT EM	120 120	1	600 604	6.3 2.9	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #182
188 189	OPEN ITEM OPEN ITEM DROP-IN, COLD W ELL SLOPED SNACK SHELF	120 120	1	912 240	9.5 2	20 20	20 20	1	1	2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #182
191 192	OPEN ITEM REFRIGERA TED SELF-SERVICE CA SE SERVING COUNTER	120 120 208	1 1 3	1480 36000	17.9 125	20 20 125	20 20 125	1 1 3	1	2	#12	#12 #12 #6	3/4" 3/4" 1-1/2"	NEMA 5-20R BREAKER	6"AFF	PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #193
194 195	4 WELL HOT/COLD UNIT, BUILT-IN SLOPED FRONT FOOD PROTECTOR DROP-IN, HEA TED SHELF	208 208 120	1	2996 600	123 18 6.3	20	20	2	1	4 3 2	#12	#12	3/4"	NEMA 14-20R	0 AFF	PRE-WIRED CONNECTION IN #193
197 198	CERA N HEA TED SHELF DROP-IN, COLD W ELL SLOPED SNACK SHELF	208 120 120	1 1 1	604 912 240	2.9 9.5 2	20 20 20 20	20 20 20 20	1 1 1	1 1 1	2 2 2 2	#12 #12 #12 #12	#12 #12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R NEMA 5-20R		PRE-WIRED CONNECTION IN #193 PRE-WIRED CONNECTION IN #193 PRE-WIRED CONNECTION IN #193 PRE-WIRED CONNECTION IN #193
200 201	FROZEN DRINK DISPENSER SERVICE COUNTER HA ND RA IL-S/S	120	1	1200	12.5	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	
203 204	MICROWA VE COUNTER OVEN, MICROWA VE CONDIMENT COUNTER, MOBILE	120	1	1608	16.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	
206 207	CONDIMENT DISPENSER SIL VERWARE DISPENSER DIGITAL MENU BOARD	120	1	N/A	N/A	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R		OWNER PROVIDED.
209 210	OPEN ITEM PULL DOWN SECURITY DOOR SOILED DISH TA BLE W/TROUGH A ND SINK															
212	OPEN ITEM DISPOSER W/CONTROL	208	3	2376	8.3	20	20	3	1	3	#12	#12	3/4"	BREAKER	24"AFF	PROVIDE LOCKABLE BREAKER; CONNECT VIA CONTROL PANE; NOTE
	HOSE REEL WITH SPRA Y 50' HOSE REEL WITH GUN WAREWASHER, RACK CONVEYOR	480	3	25429	38.3	40	40	3	1	4	#8	#10	3/4"	BREAKER	64"AFF	
215.1 216	WAREWASHER, BUILT IN BOOSTER CONDENSATE RISER	480	3	33324	50.2	50	50	3	1	4	#8	#10	3/4"	BREAKER INTEGRAL	64"AFF	REFER TO KITCHEN EQUPT. PLANS FO
216.1 217 218	CONDENSATE FAN "KEF-3" CLEAN DISH TABLE W/LIMIT SWITCH S/S WALL SHELF	120	1	79	0.66	15	15	1		2	#12	#12	3/4"	DISC. SW.		CONNECTION INFORMATION. (FAN E
219	DISHROOM SHELVING-4 TIER	1							1							

KITCHEN SCHEDULE NOTES

(A) CONNECT FREEZER EVAPORATOR AND COOLER EVAPORATOR COIL TO REFRIGERATION SYSTEM CONTROL PANEL. USE SEAL LOCK ON ALL CONDUITS.

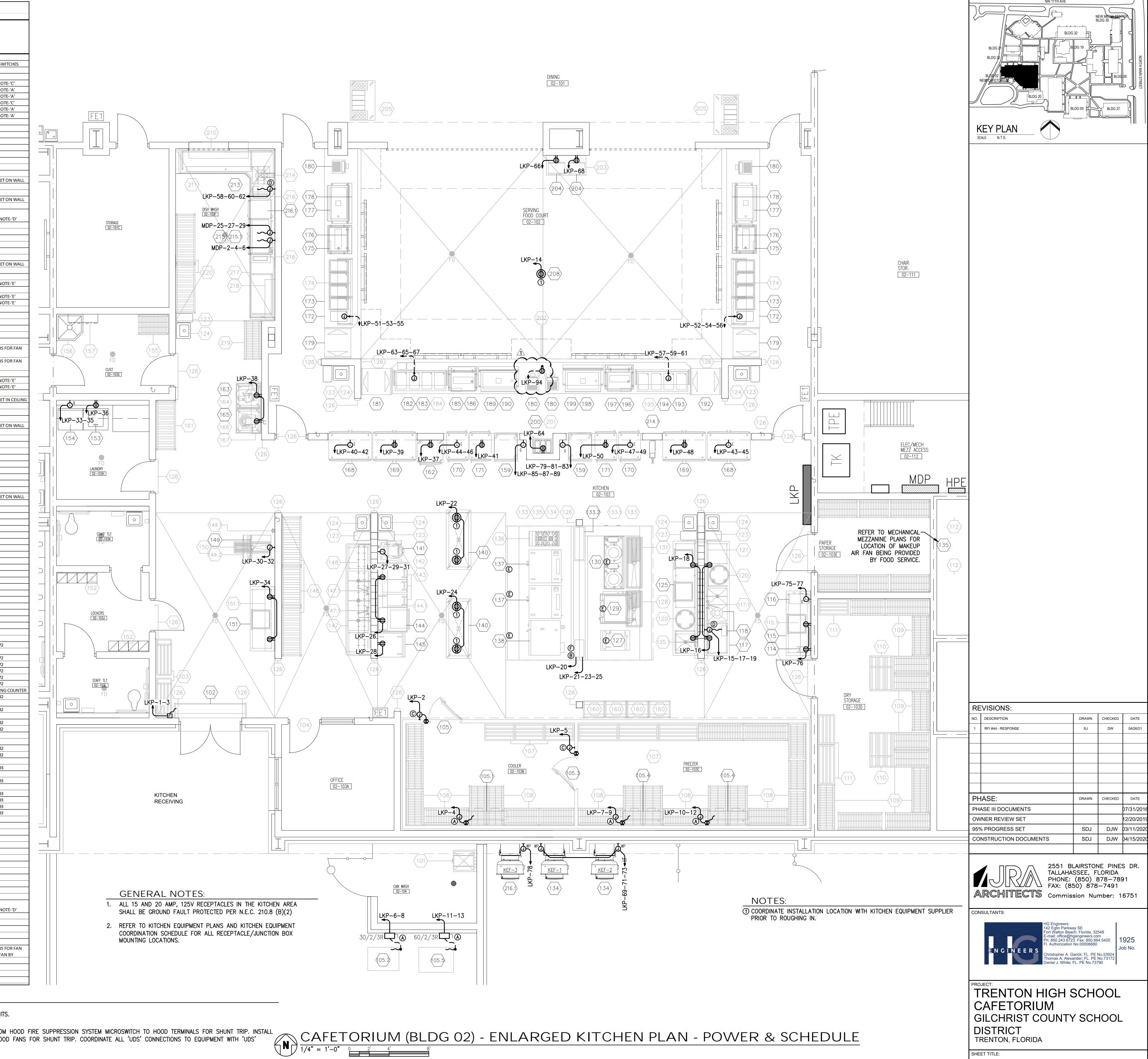
 EXHAUST HOOD/UDS SYSTEM – INSTALL 2#12 CU & 1#12 CU GND IN 3/4" CONDUIT FOR FAN CONTROL. INSTALL TWO 3 WIRE CIRCUITS FROM HOOD FIRE SUPPRESSION SYSTEM MICROSWITCH TO HOOD TERMINALS FOR SHUNT TRIP. INSTALL
TWO 3 PHASE CIRCUITS TO HOOD TERMINALS FOR HOOD FANS SHUNT TRIP. INSTALL THREE 3 PHASE CIRCUITS FROM HOOD TERMINALS FOR SHUNT TRIP. INSTALL THREE 3 PHASE CIRCUITS FROM HOOD TERMINALS FOR SHUNT TRIP. INSTALL 'UDS' CONNECTIONS TO EQUIPMENT WITH 'UDS' SYSTEM SUPPLIER PRIOR TO ROUGHING IN. CONNECT TO FIRE ALARM SYSTEM TO SOUND ALARM UPON ACTIVATION OF HOOD ANSUL SYSTEM.

© CONNECT TO WALK-IN COOLER AND FREEZER DOOR HEATER, CONDENSATE DRAIN (IF REQUIRED) AND LIGHTS. USE SEAL LOCKS ON ALL CONDUITS. PROVIDE COMMUNICATION THRU LINES (BY ELECTRICIAN) TO THE BUILDING ALARM SYSTEM AND/OR KITCHEN MANAGERS OFFICE. NOTIFIES BUILD SYSTEM OF POWER OUTAGE, REFRIGERATION ISSUES. ALSO HAS BUILT IN USB PORT FOR KITCHEN MANAGER TO OBTAIN HACCP READINGS. UNIT IS CAPABLE OF SENDING REFRIGERATION INFORMATION TO AUTHORIZED PERSON OFF-SITE WHEN KITCHEN IS CLOSED.

① CONNECT DISPOSER VIA CONTROL PANEL AND SOLENOID VALVE. TWO CONNECTIONS REQUIRED.

© ALL ITEMS UNDER EXHAUST HOOD SHALL SHUT-DOWN UPON ACTUATION OF HOOD FIRE SUPPRESSION (ANSUL) SYSTEM.

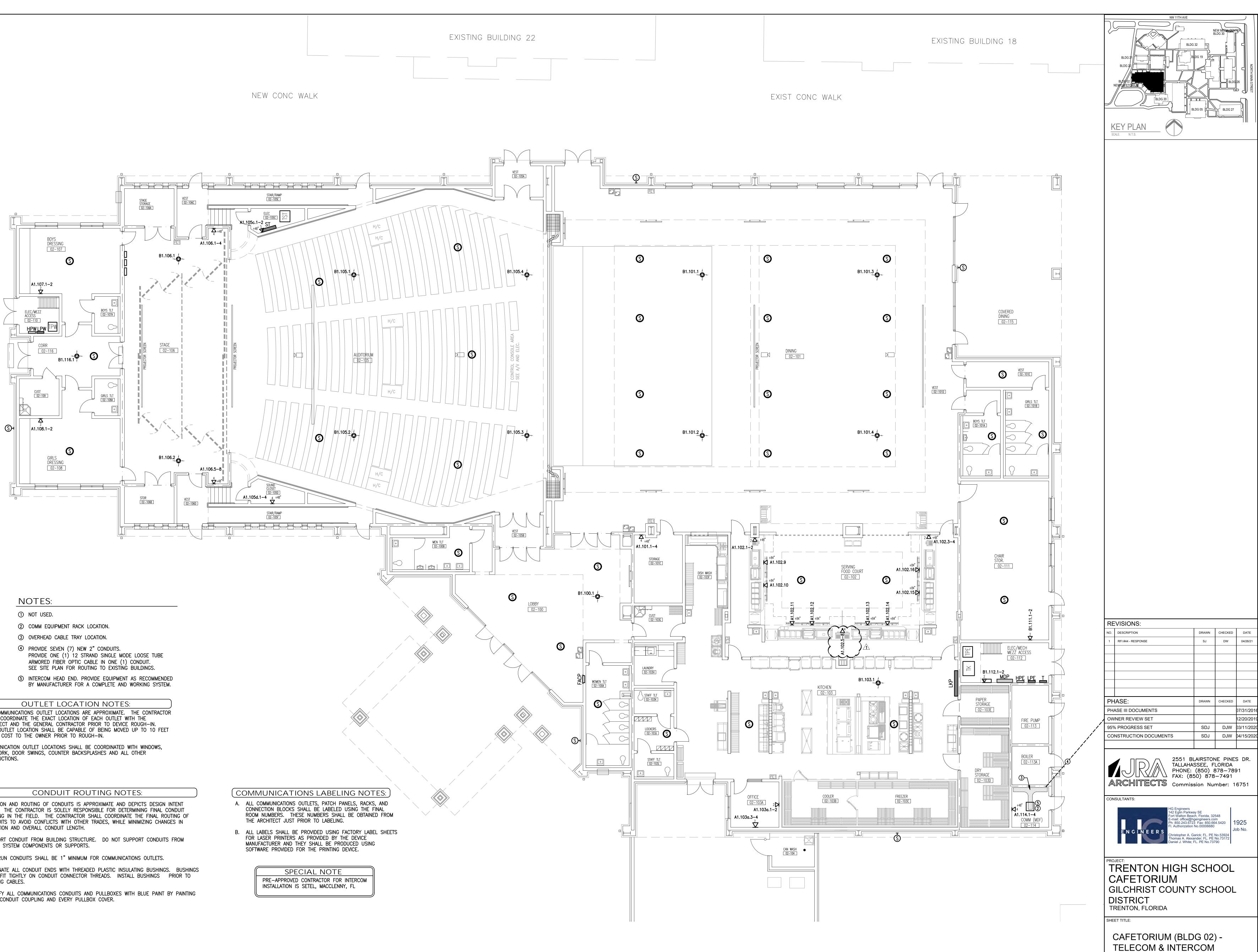
① INSTALL 3/4" CONDUIT WITH PULLCORD TO HOOD FIRE SUPPRESSION SYSTEM FOR REMOTE PULL STATION.



SHEET TITLE:

CAF **ENL** POW SHEET NUMB

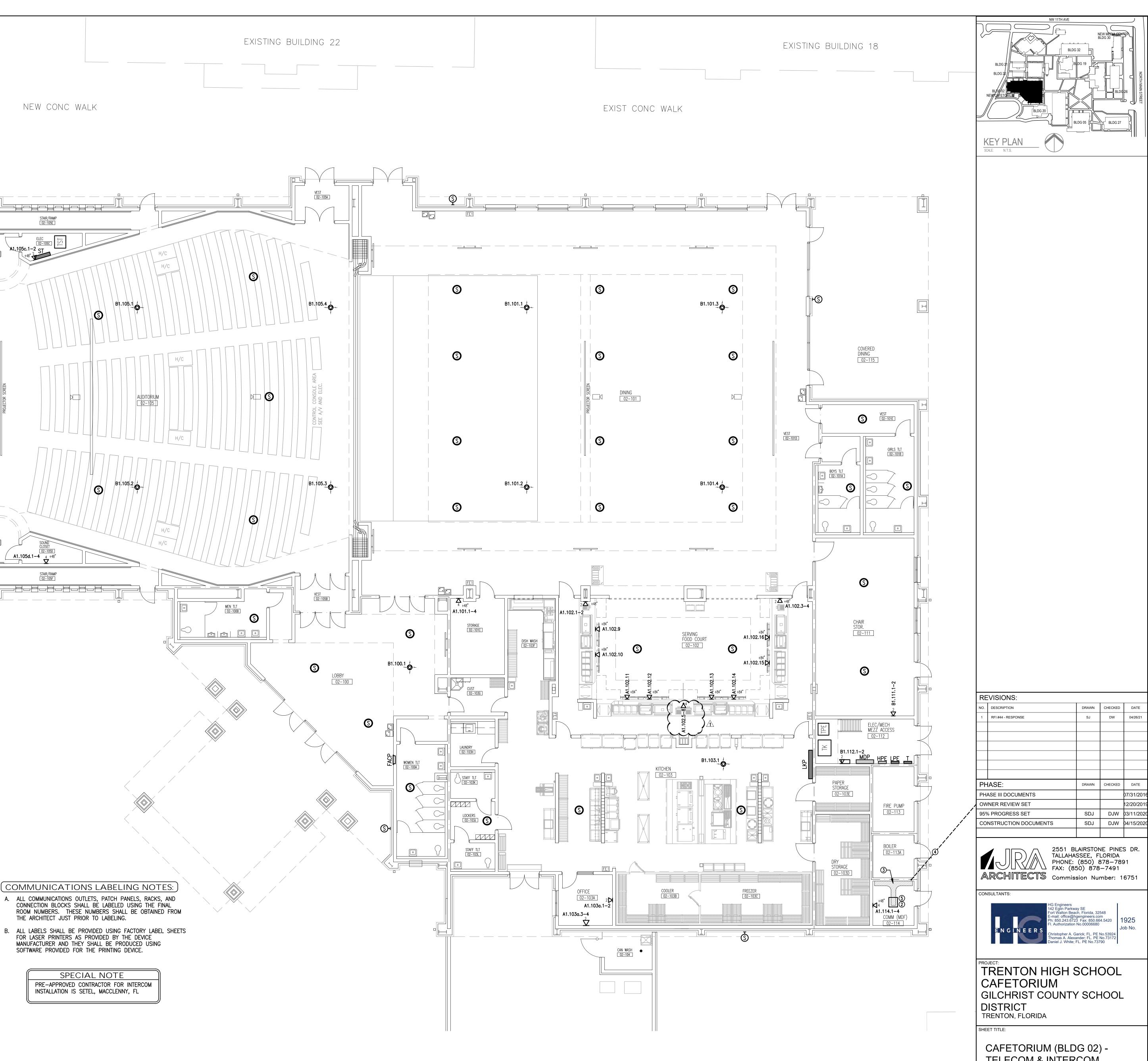
IPTION	DRAWN	CHECKED	DATE
- RESPONSE	SJ	DW	04/26/21
	DRAWN	CHECKED	DATE
	DIVINI	ONEORED	
			07/31/2016
			12/20/2019
GRESS SET	SDJ	DJW	03/11/2020
JCTION DOCUMENTS	SDJ	DJW	04/15/2020
TALLAHAS PHONE: FAX: (85 Commiss NTS: HG Engineers 142 Eglin Parkwa Fort Walton Beat	(850) 8 50) 878 sion Nur ay SE th, Florida, 329	378-789 -7491 mber: 1	
E-mail: office@h Ph: 850.243.6721 FI. Authorization Christopher A. G Thomas A. Alexa Daniel J. White; f	3 Fax: 850.66 No.00006680 arick; FL. PE N Inder; FL. PE N	4.5420 1 Jc No.53924 No.73172	925 ob No.
ENTON HIGH S ETORIUM HRIST COUNTY RICT TON, FLORIDA			
E:			
ETORIUM (BLD ARGED KITCHE VER & SCHEDU	EN PL		.2
		_	



A. ALL COMMUNICATIONS OUTLET LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF EACH OUTLET WITH THE ARCHITECT AND THE GENERAL CONTRACTOR PRIOR TO DEVICE ROUGH-IN. EACH OUTLET LOCATION SHALL BE CAPABLE OF BEING MOVED UP TO 10 FEET AT NO COST TO THE OWNER PRIOR TO ROUGH-IN.

B. COMMUNICATION OUTLET LOCATIONS SHALL BE COORDINATED WITH WINDOWS, CASEWORK, DOOR SWINGS, COUNTER BACKSPLASHES AND ALL OTHER OBSTRUCTIONS.

- A. LOCATION AND ROUTING OF CONDUITS IS APPROXIMATE AND DEPICTS DESIGN INTENT ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING FINAL CONDUIT ROUTING IN THE FIELD. THE CONTRACTOR SHALL COORDINATE THE FINAL ROUTING OF CONDUITS TO AVOID CONFLICTS WITH OTHER TRADES, WHILE MINIMIZING CHANGES IN DIRECTION AND OVERALL CONDUIT LENGTH.
- B. SUPPORT CONDUIT FROM BUILDING STRUCTURE. DO NOT SUPPORT CONDUITS FROM OTHER SYSTEM COMPONENTS OR SUPPORTS.
- C. HOMERUN CONDUITS SHALL BE 1" MINIMUM FOR COMMUNICATIONS OUTLETS.
- D. TERMINATE ALL CONDUIT ENDS WITH THREADED PLASTIC INSULATING BUSHINGS. BUSHINGS MUST FIT TIGHTLY ON CONDUIT CONNECTOR THREADS. INSTALL BUSHINGS PRIOR TO PULLING CABLES.
- E. IDENTIFY ALL COMMUNICATIONS CONDUITS AND PULLBOXES WITH BLUE PAINT BY PAINTING EACH CONDUIT COUPLING AND EVERY PULLBOX COVER.



RF	EVISIONS:			
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
1	RFI #44 - RESPONSE	SJ	DW	04/26/21
				0.120121
PH	IASE:	DRAWN	CHECKED	DATE
PH	ASE III DOCUMENTS			07/31/2016
OW	/NER REVIEW SET			12/20/2019
95%	% PROGRESS SET	SDJ	DJW	03/11/2020
CO	NSTRUCTION DOCUMENTS	SDJ	DJW	04/15/2020
	TALLAHA PHONE: FAX: (85 Commission	•		6751
	RCHITECTS Commiss	ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 arick; FL. PE ander; FL. PE	548 m 4.5420 No.53924 No.73172	6751 925 ob No.
	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Beat Fort Walton Beat Christopher A. G Thomas A. Alexa	ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 arrick; FL. PE ander; FL. PE FL. PE No.737	548 m4.5420 No.53924 No.73172 SOOL	925 ob No.
	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Beach Ph: 850.243.672 FI. Authorization Christopher A. G Thomas A. Alexa Daniel J. White; DECT: RENTON HIGH S CAFETORIUM SILCHRIST COUNTY DISTRICT RENTON, FLORIDA	ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 arrick; FL. PE ander; FL. PE FL. PE No.737	548 m4.5420 No.53924 No.73172 SOOL	925 ob No.
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construction management I design build I general contracting

June 19, 2021

JRA Architects 2551 Blairstone Pines Drive Tallahassee, FL 32301

Attn: Mario Nunez

RE: Change Order Proposal No. 10 – ASI 10 Trenton High School Cafetorium

Dear Mario,

Attached is our Change Order Proposal (COP) in accordance with qualifications/clarifications listed below.

Our COP for providing this work is <u>Sixteen Thousand Two Hundred Twenty-Nine and 73/100 Dollars (\$16,229.73)</u>

Clarifications:

- 1. Includes electrical work to provide and install emergency circuits for the walk-in freezer/cooler in accordance with ASI 10 dated, June 10, 2021.
- 2. The prices included are guaranteed for 14 calendar days from the date of this cover due to current market volatility as indicated in the email from Aniel Martinez dated May 21, 2021.
- 3. This Change Order Proposal is inclusive of the items specifically noted above. Any cost items omitted from this COP shall be submitted under a separate cover.

We appreciate the opportunity to provide you with this proposal. Please notify me if you have any questions.

Sincerely,

Charles Perry Partners, Inc.

Aniel Martinez

Aniel Martinez Project Manager

www.cppi.com



pckge	Description	Grand Total Amount
	CHANGE ORDER PROPOSAL 10	
	ASI 10	
26A	ELECTRICAL	
	Emergency Circuits for Freezer/Cooler	14,958.28

Estimate Totals

Description	Amount	Totals	Rate
subtotal cost of work	14,958.28	14,958.28	
general liability insurance	149.58		1.000 %
P&P Bond	224.37		1.500 %
profit/overhead	897.50		6.000 %
Subtotal GC Markup	1,271.45	16,229.73	
Total		16,229.73	



EC-13003056

Project :

Trenton High School Cafetorium 1013 North Main Street Trenton, FL 32693

Change Order Proposal 14

6/15/2021

Contractor :

Charles Perry Partners, Inc. 8200 NW 15th Place Gainesville, FL 32606

Description :

ASI #10 - Provide and install emergency circuits for walk-in freezer/cooler

Amount	Materials	Unit	Totals
1	Switchgear package	\$ 6,535.00	\$ 6,535.00
230	1/2" EMT conduit	\$ 0.81	\$ 186.30
10	1/2" EMT connectors	\$ 0.89	\$ 8.90
30	1/2" EMT couplings	\$ 0.59	\$ 17.70
40	1/2" EMT straps	\$ 1.29	\$ 51.60
70	3/4" EMT conduit	\$ 1.35	\$ 94.50
4	3/4" EMT connectors	\$ 1.22	\$ 4.88
8	3/4" EMT couplings	\$ 0.91	\$ 7.28
12	3/4" EMT straps	\$ 1.79	\$ 21.48
100	1" EMT conduit	\$ 2.33	\$ 233.00
8	1" EMT connectors	\$ 1.89	\$ 15.12
16	1" EMT couplings	\$ 1.29	\$ 20.64
24	1" EMT straps	\$ 2.15	\$ 51.60
10	1-1/4" EMT conduit	\$ 4.01	\$ 40.10
1	1-1/4" EMT connectors	\$ 2.14	\$ 2.14
1	1-1/4" EMT couplings	\$ 1.53	\$ 1.53
2	1-1/4" EMT straps	\$ 2.40	\$ 4.80
6	1-1/4" flex conduit	\$ 2.06	\$ 12.36
2	1-1/4" flex connectors	\$ 6.50	\$ 13.00
2	1-1/4" bonding bushing	\$ 7.25	\$ 14.50
675	#12 THHN cu wire	\$ 0.33	\$ 222.75
500	#10 THHN cu wire	\$ 0.50	\$ 250.00
50	#8 THHN cu wire	\$ 0.89	\$ 44.50
1000	#6 THHN cu wire	\$ 1.26	\$ 1,260.00
80	#3 THHN cu wire	\$ 2.63	\$ 210.40

We can only guarantee these prices for 14 days due to rapid unpredictable material price increases.

			Tax	tal Materials on Materials		,324.08 652.69	•	0.070.77
			IC	tal Materials			\$	9,976.77
Hours		Labor		Rate				
40	Labor 1-JW & 1-Helper		\$	72.50			\$	2,900.00
0	Labor Over Time		\$	108.75			\$	-
1	duct jack rental		\$	150.00			\$	150.00
							\$	-
							\$	-
							\$	-
					OH8	P	\$	1,931.51
					Tota	l	\$	14,958.28



2551 Blairstone Pines Dr. Tallahassee, FL 32301

ARCHITECTURAL SUPPLEMENTAL INSTRUCTION

NUMBER:	010
<u>OWNER:</u>	Gilchrist County School District 310 NW 11 th Ave Trenton, Florida 32693
PROJECT:	TRENTON HS CAFETORIUM

TO:Aniel Martinez, Project Manager
CHARLES PERRY PARTNERS, INC.8200 NW 15th Place
Gainesville, FL 326060

Project Mngr: Todd Hinkle

JRA Project: 16751 CA/SI

DATE: 06/10/2021

ARCHITECT: JRA Architects, Inc.

Contract Date: 12/08/2020

WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING SUPPLEMENTAL INSTRUCTIONS ISSUED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

IF ADDITIONAL COST OR TIME IS REQUIRED TO COMPLETE WORK IN ACCORDANCE WITH THIS SUPPLEMENTAL INSTRUCTION, CONTRACTOR SHALL SUBMIT A CHANGE PROPOSAL FOR APPROVAL BY OWNER AND ARCHITECT, PRIOR TO EXECUTION OF WORK:

Item Description

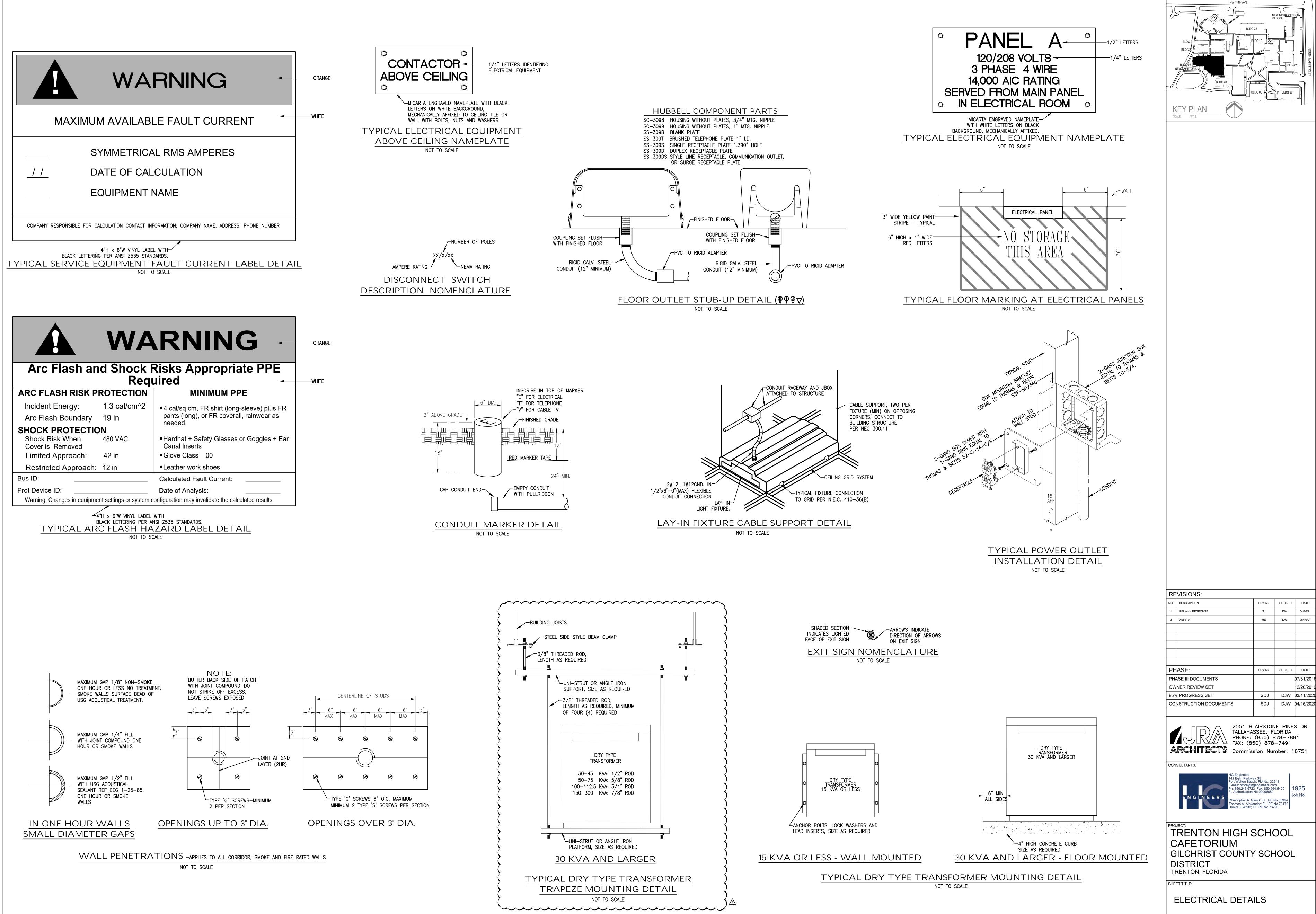
1) Revise electrical requirements to put Cooler/Freezer unit on emergency generator power, per attached revised electrical sheets E1.1, E3.0, E3.1, E4.0, E4.1, E4.2, E4.3 and E4.4 (8 sheets total).

If you have any questions or need additional information, please contact JRA at (850) 878-7891.

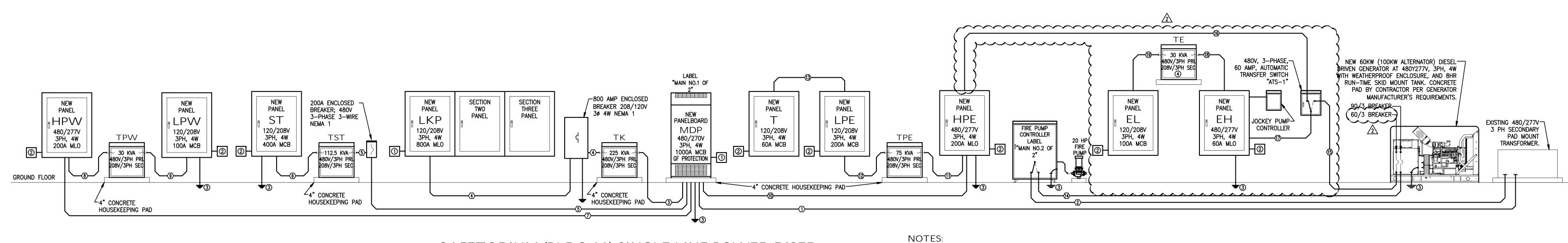
JRA ARCHITECTS, INC.

Mario F. Nunez, Senior Vice President

cc: File

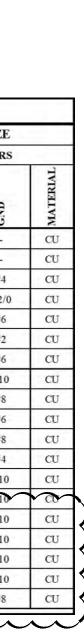


	RFI #44 - RESPONSE ASI #10	SJ RE	DW DW	04/26/21 06/10/21
	ASI #10	RE	DW	06/10/21
FII	IASE:	DRAWN	CHECKED	DATE
PHA	ASE III DOCUMENTS			07/31/2016
OW	NER REVIEW SET			12/20/2019
95%	6 PROGRESS SET	SDJ	DJW	03/11/2020
COI	NSTRUCTION DOCUMENTS	SDJ	DJW	04/15/2020
A	TALLAHAS PHONE: FAX: (85 Commiss	(850) 8 50) 878	878–789 –7491	
CON	ISULTANTS:			
	ENGINEERS Christopher A. G Thomas A. Alexa Daniel J. White; I	ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 arick; FL. PE I ander: FL. PE	m 4.5420 1 Jo No.53924 No 73172	925 ob No.
T C G D	RENTON HIGH S AFETORIUM ILCHRIST COUNTY ISTRICT RENTON, FLORIDA			
SHE	ET TITLE:			
E	ELECTRICAL DETA	ILS		
SHEI	ET NUMBER:	F	E1	.1



CAFETORIUM (BLDG 02) SINGLE LINE POWER RISER

$\langle \# \rangle$	FOUR	MENT	DDE	LTD		COND	UCTO	R / CONDUT	SIZE	
and the second se	EQUIP	MENI	BREA	KER			1	CONDUC	TORS	
DESIGNATION	SOURCE	TERMINATION	TRIP	POLE	RUNS	CONDUIT	оту.	SIZE	GND	MATERIAL
1	UTILITY XFMR	PANEL-MDP	1000	3	4	3"	4	#250kcmil	×	CL
2	UTILITY XFMR	FIRE PUMP	90	3	1	1"	4	#6		CL
3	PANEL-MDP	XFMR 'TK'	300	3	2	1-1/2"	3	#1/0	#4	CL
4	XFMR 'TK'	PANEL-LKP	800	3	3	2-1/2"	4	#300kcmil	#2/0	Cl
5	PANEL-MDP	XFMR 'T ST'	175	3	1	1-1/2"	3	#2/0	#6	CU
6	XFMR 'T ST'	PANEL-ST	400	3	2	2"	4	#3/0	#2	CU
7	PANEL-MDP	PANEL-HPW	200	3	1	2"	4	#3/0	#6	CU
8	PANEL-HPW	XFMR 'TPW'	40	3	1	3/4"	3	#8	#10	Cl
9	XFMR 'TPW'	PANEL-LPW	100	3	1	1-1/4"	4	#3	#8	Cl
10	PANEL-MDP	PANEL-HPE	200	3	1	2"	4	#3/0	#6	CI
11	PANEL-HPE	XFMR 'TPE'	100	3	1	1-1/4"	3	#3	#8	CI
12	XFMR 'T PE'	PANEL-LPE	200	3	1	2"	4	#3/0	#4	CU
13	PANEL-LPE	PANEL-T	60	3	1	1"	4	#6	#10	CI
14	GENERATOR	FIRE PUMP	90	~	N		\sim	16	#10	C
15	GENERAT OR	ATS-1	60	3	1	1"	4	#6	#10	CI
16	HPE	ATS-1	60	3	1	1"	4	#6	#10	CI
17	ATS-1	EH	60	3	1	1"	4	#6	#10	CI
18	EH	XFMR 'TE'	50	3	1	3/4"	3	#8	#10	CI
19	XFMR 'TE'	EL	100	3	1	1-1/4"	4	#3	#8	CI



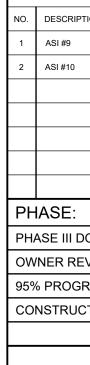
*** SPECIAL NOTE *** PROVIDE 'LSI' TRIP UNITS FOR BREAKERS GREATER THAN OR EQUAL TO 200A.

NOT TO SCALE

② INSTALL SURGE PROTECTIVE DEVICE IN BREAKER POSITION NEAREST TO NEUTRAL BAR WITH 3#10, 1#10 GND IN 3/4"C; LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14" - REFER TO SPECS. PROVIDE INTERNAL 30A. FUSING. ③ REFER TO GROUNDING DETAIL SHEET FOR MORE INFORMATION. (TRAPEZE MOUNT TRANSFORMER FROM STRUCTURE 8'-0" AFF ABOVE

1 INSTALL SURGE PROTECTIVE DEVICE IN BREAKER POSITION NEAREST TO NEUTRAL BAR WITH 3#6, 1#10 GND IN 3/4"C; LEAD LENGTH CANNOT EXCEED UL 1449 4TH EDITION TEST OF 14" - REFER TO SPECS. PROVIDE INTERNAL 60A. FUSING.

ADJACENT PANELBOARDS 'EH' AND 'EL'. REFER TO MOUNTING DETAIL.

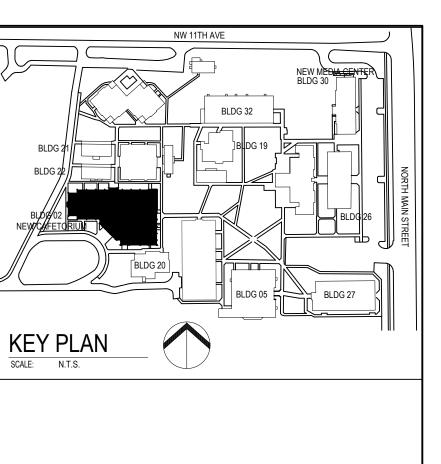








RE	EVISIONS:			
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
1	ASI #9	RE	DW	05/24/21
2	ASI #10	RE	DW	06/10/21
PH	IASE:	DRAWN	CHECKED	DATE
PH/	ASE III DOCUMENTS			07/31/2016
OW	/NER REVIEW SET			12/20/2019
95%	% PROGRESS SET	SDJ	DJW	03/11/2020
СО	NSTRUCTION DOCUMENTS	SDJ	DJW	04/15/2020
	ARCHITECTS Commis	sion Nu	548	6751
A	ARCHITECTS Commis	sion Nu sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 Garick; FL. PE ander; FL. PE	548 mber: 1 548 m 64.5420 No.53924 No.53924 No.73172	
	ARCHITECTS Commis	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.cc 3 Fax: 850.66 No.00006680 Garick; FL. PE ander; FL. PE FL. PE No.737 SCH(548 mber: 1 548 5420 No.53924 No.73172 500L	6751 925 ob No.
	ARCHITECTS Commis	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.cc 3 Fax: 850.66 No.00006680 Garick; FL. PE ander; FL. PE FL. PE No.737 SCH(548 mber: 1 548 5420 No.53924 No.73172 500L	6751 925 ob No.
	ARCHITECTS Commis ISULTANTS: HG Engineers 142 Eglin Parkw Fort Walton Bea -mail: office@t Ph: 850.243.672 FI. Authorization Christopher A. C Thomas A. Alex Daniel J. White; DECT: RENTON HIGH S CAFETORIUM SILCHRIST COUNTY DISTRICT RENTON, FLORIDA	50) 878 sion Nu ay SE ch, Florida, 32 ogengineers.co 3 Fax: 850.66 No.00006680 Garick; FL. PE ander; FL. PE SCH(Y SCH	548 548 548 54.5420 No.53924 No.53924 No.73172 OOL HOOL	6751 925 ob No.



	PANEL MDP**	R		1000A	*M.		,	AIC MINIMUM
			OSURE PTIONS	-			CE MO	UNT E ENTRANCE RATED; GROUND FAULT PROTE
KT	SERVING	CKT	BKR	CONN	ECTED	CKT	BKR	SERVING
ŧ	CHILLER CH-2.1	TRIP 250	POLE 3	LOAD 130048	D (VA) 25429	POLE 3	TRIP 40	WAREWASHER CONVEYOUR-ITEM 215
		-	-	-	-	-	-	
	PANEL HPW	200	3	34842 -	89670 -	3	200	PANEL HPE
	PANEL ST (VIA TRANSFORMER TST)	- 175	- 3	- 136620	- 11639	- 3	- 25	TRASH COMPACTOR
5 7		-	-	-	-	-	-	
) l	PANEL LKP (VIA TRANSFORMER TK)	300	3	172073	-	3	-	SPACE ONLY (300 AMP FRAME)
3 5	WAREWASHER BOOSTER HEATER-ITEM 215.1	- 50	- 3	- 33324	-	- 3	-	SPACE ONLY (300 AMP FRAME)
7 9		-	-	-	-	-	-	
1 3	SPACE ONLY	-	3	-	-	3	-	SPACE ONLY
	SPACE ONLY	-	- 3	-	-	- 3	- 60	SURGE PROTECTIVE DEVICE
9		-	2127	-	-	-	-	
1.1	EW PANEL - CAFETO	S	YSTEM		120V	3Φ	4W	
GIN	PANEL LKP		ATING OSURE		M.I IA 3R		10,000 A	AIC MINIMUM UNT
		OI	PTIONS	BOLT O	N BREA	KERS; 1	THREE I	EQUAL SECTIONS
СТ #	SERVING	CKT TRIP	BKR POLE		ECTED) (VA)	CKT POLE	BKR	SERVING
	AIR CURTAIN-ITEM 102	15	2	1456	-	1	20 20	SPARE SPARE
	SPARE SPARE	20 20	1 2	-		2	25	SPARE
	SPARE SPARE	- 60	- 2	-	-	2	20	SPARE
3		60 -	2		- 	hin	-	 DICATAN MENAL BOARD ATEM 208
7	BISPOSALWOODKROLFKENLIK	-			360 360	1	20	VEG PREP TABLE-ITEM 117 MEAT PREP TABLE-ITEM 125
9 1	 'UDS'-ITEM 133.2	- 125	- 3	- 28900	1800 360	1	20 20	'UDS'-ITEM 133.2 WORK TABLE MOBILE-ITEM 140
3 5		-	-		360 360	1	20 20	WORK TABLE MOBILE-ITEM 140 BAKERS TABLE-ITEM 144
7 9	40 GAL MIXER-ITEM 141	20	3	2520	1500 1332	1 2	20 15	WARMING CABINET-ITEM 145 ICE MAKER-ITEM 149
L	DRYER-ITEM 154	- 30	-	- 5000	- 360	-	- 20	 WORK TABLE-ITEM 151
5	REACH IN REFRIG-ITEM 162	- 20	-	- 1176	1200 1020	1	-	WASHER-ITEM 153 SLICER/MIXER-ITEM 163/165
)	REFRIG PASS THRU CABINET-ITEM 169	20	1	1284	3000	2		HEATED PASS THRU CABINET-ITEM 168
3	REFRIG PASS THRU CABINET-ITEM 171 'HEATED PASS THRU CABINET-ITEM 168	20 20	2	1176 3000	1311	2	20	HEATED PASS THRU CABINET-ITEM 170
5 7	 HEATED PASS THRU CABINET-ITEM 170	- 20	- 2	- 1311	- 1284	- 1	- 20	 REFRIG PASS THRU CABINET-ITEM 169
9 1	SERVING COUNTER-ITEM 172	- 125	- 3	- 36000	1176 36000	1 3	20 125	REFRIG PASS THRU CABINET-ITEM 171 'SERVING COUNTER-ITEM 172
3 5			-	-	-	-	-	
7	SERVING COUNTER-ITEM 193	125	3	36000	2376	3	20	DISPOSER W/CONTROL-ITEM 213
1	SERVING COUNTER-ITEM 182	- 125	- 3	- 36000	- 1200	-	- 20	 FROZEN DRINK DISPENSER-ITEM 200
5		-	-	-	1608 1608	1	20	MICROWAVE-ITEM 204 MICROWAVE-ITEM 204
)	KITCHEN EXHAUST FAN (KEF-1,2)-ITEM 134	20	3	2160	3960	3	20	KITCHEN SUPPLY FAN (MUA)-ITEM 135
3		-	-	-	-		-	
7	HOT WATER DISPENER-ITEM 116	30 -	2	5000 -	360 79	1	15	CAN OPENER-ITEM 114/115 CONDENSATE FAN (KEF-3)-ITEM 216.1
)	MOBILE OVEN RETHERM-ITEM 159	50 -	3	12000	1200 1200	1	20 20	HAND DRYER-02-101B HAND DRYER-02-101B
3	MOBILE OVEN RETHERM-ITEM 159	- 50	- 3	- 12000	1200 1200	1	20 20	HAND DRYER-02-101A HAND DRYER-02-101A
7		-	-		1200 1200	1	20 20	HAND DRYER-02-101K HAND DRYER-02-103L
1	HAND DRYER-02-100A SPACE ONLY	20	1	1200	1200 1000	1		HAND DRYER02-100A REC-P.O.S. ITEM 180
5	SPACE ONLY	-	1	-	-	1	-	SPACE ONLY
)	SPACE ONLY SPACE ONLY		1	-	-	1		SPACE ONLY SPACE ONLY
3	SPACE ONLY SPACE ONLY	-	1	-	-	1	-	SPACE ONLY SPACE ONLY
7	SPACE ONLY SPACE ONLY	-	1	-	•	1	-	SPACE ONLY SPACE ONLY
-	SPARE SPARE	20 20	1	-	-	1	20 20	SPARE SPARE
-	SPARE SPARE	20 20	1	-	-	1 3	20 60	SPARE SURGE PROTECTIVE DEVICE
7	SPARE SPARE	20 20	1	-	-	-		
,		20		-		-		
ГI	TOTAL CONNECTED LOAD =		20	51433 VA	/	360	=	726.2 A
ł	DEMAND FACTOR PER N.E.C. 220-56		1	72073 VA	/	360	Ξ	478.0 A
F	EW PANEL - CAFETO	RILI	М					
		S	YSTEM		120V	3Ф	4W	
5 IN	PANEL LPW		ATING OSURE	-	M.C MA 1		10,000 ACE MO	AIC MINIMUM UNT
		OI	PTIONS	BOLT O	N BREA	KERS		
КТ #	SERVING	CKT TRIP	BKR POLE		ECTED) (VA)	CKT POLE	BKR TRIP	SERVING
0	REC-GIRLS DRESSING ROOM, CUSTODIAL	20	1	540	360	1	20	REC-TLTS DEC. DOVS DRESSING DOOM
	REC-CORR, ELECT, EXTERIOR REC-MENS TLT, LOBBY, EXTERIOR	20 20	1	720 720	360 900	1 1	20	REC- BOYS DRESSING ROOM REC-WOMEN TLT, STAFF TLT, VEST, EXTER
	EXHAUST FAN EF-2.1, TU-2.5.1 & 2.5.2 EWH-1 WATER HEATER	20 20	1 2	600 3000	400 500	1	-	MOTOR DAMPERS REC-EWC-LOBBY
		- 20	- 1	 900	1200 900	1		HAND DRYER-02-107A REC-STO,VEST,RAMP,EXTERIOR
	 REC-STO,VEST RAMP, EXTERIOR	20			3224	2	20	MINI SPLIT COND. UNIT HP-2.3 (WM-2.5,WM-
1 3 5		20 20 20	1	360 1200	-	-	-	
l 3 7	REC-STO,VEST RAMP, EXTERIOR REC-MECH MEZZANINE HAND DRYER-02-108A HAND DRYER-02-100B	20 20 20	-	1200 1200	-	- 3 -	-	 SURGE PROTECTIVE DEVICE
	REC-STO,VEST RAMP, EXTERIOR REC-MECH MEZZANINE HAND DRYER-02-108A	20 20	1	1200	-	-	- 30	SURGE PROTECTIVE DEVICE

PROVIDE 'LSI' TRIP UNITS FOR BREAKERS GREATER THAN OR EQUAL TO 200A.

NEV	V PANEL - CAFETOR	RIU	M							N	EW PANEL - CAFETOF	RIU	Μ						
ENG NEERS	PANEL ST		YSTEM ATING	208/ 400Λ	/120∨ M.C		4W 10,000	AIC MINIMUM	_	ENG	PANEL HPE			480/2 200A	277V M.L	3Ф 2.0.		AIC MINIMUM	
	PANEL 51			BOLT O			асн ме	UNT	_		PANEL NPE			NEM BOLT O			CE MO	UNT	_
СКТ	SERVING	СКТ		CONN	ECTED	T	FBKR	SERVING	— СКТ	СКТ	SERVING	CKT		CONN	ECTED	CKT		SERVING	CH
# 1 FRC	ONT OF HOUSE ELECTRIC	TRIP 20	POLE 1	LOAI 1800	D (VA) 1800	POLE 1	TRIP	FRONT OF HOUSE ELECTRIC	# 2	#	LTS-DINING	TRIP 20	POLE 1	LOAD 3730	(VA) 3147	POLE 1	TRIP 20	LTS-KITCHEN, FOOD COURT & ADJACENT	#
· · · · · ·	ONT OF HOUSE ELECTRIC	20 20	T 1	1800 1800	1800 1800	l 1	-	FRONT OF HOUSE ELECTRIC FRONT OF HOUSE ELECTRIC	4 6	3 5	LTS-BUILDING EXTERIOR LTS-MECH MEZZANINE	20 20	1	1222 660	180	1 1	20 20	SMOKE DAMPERS SPARE	4
	' STAGE ELECTRIC ' STAGE ELECTRIC	20 20	l t	1800 1800	1800 1800	1	_	IST STAGE ELECTRIC IST STAGE ELECTRIC	8 10	7 9	CHP-2.1 CHILLED WATER PUMP	25	3	9145 -	9145	3	25	CHP-2.2 CHILLED WATER PUMP	8
13 2NI	' STAGE ELECTRIC D STAGE ELECTRIC	20 20	l t	1800 1800	1800 1800	1	20	1ST STAGE ELECTRIC 2ND STAGE ELECTRIC	12		HWP-2.1 HOT WATER PUMP	15	3	2400	- 2400	• 3	15	HWP-2.2 HOT WATER PUMP	1
17 2NI	> STAGE ELECTRIC > STAGE ELECTRIC	20 20	1	1800 1800	1800 1800	1	20	2ND STAGE ELECTRIC 2ND STAGE ELECTRIC	16 18	15 17		•	•	-	-		-		1
21 3RE	> STAGE ELECTRIC > STAGE ELECTRIC > STAGE ELECTRIC	20 20 20		1800 1800	1800 1800 1800	l l	20	3RD STAGE ELECTRIC 3RD STAGE ELECTRIC 2DD STACE ELECTRIC	20 22 24	19 21 23		- 15	-	5280	6960 -	-	20	AHU-2.2 AIR HANDLER	20
25 4TE	I STAGE ELECTRIC I STAGE ELECTRIC I STAGE ELECTRIC	20 20 20	1 1	1800 1800 1800	1800 1800 1800	1	20	3RD STAGE ELECTRIC 4TH STAGE ELECTRIC 4TH STAGE ELECTRIC	24 26 28	-	AHU-2.3 AIR HANDLER	15	3	3040	1662	3	15	FC-2.1	20
29 4TE	ESTAGE ELECTRIC AGE RIGHT WALL	20 20 20	1	1800 1800 1500	1800 1800 1500	1	20	4TH STAGE ELECTRIC STAGE RIGHT WALL	30 32	29	PANEL-EH (VIA ATS-1)	19721	\sim	- 60		-	•	 SPACE ONLY	3
33 STA	AGE RIGHT WALL AGE RIGHT UPSTAGE WALL	20 20	t I	1500 1500	1500 1500	1	20	STAGE RIGHT UPSTAGE WALL STAGE RIGHT UPSTAGE WALL	34	33		-	-	-		•	•		3
	AGE LEFT WALL AGE LEFT WALL	20 20	1 1	1500 1500	1500 1500	1	-	STAGE LEFT WALL STAGE LEFT UPSTAGE WALL	38 40	37 39	SURGE PROTECTIVE DEVICE	20	3	•	40639	3	100	PANEL LPE (VIA TRANSFORMER TPE)	3
	NGE LEFT UPSTAGE WALL STROL REPEATER POWER FRONT OF HOUSE	20 20	l 1	1500 1000	1500 1000	l 1	20	STAGE LEFT UPSTAGE WALL CNTRL REPEATER POWER STAGE ELECTRIC 1-2	42 44	41		- -	•						4
47 REC	TEL REPEATER POWER STAGE ELECTRIC 3-4 C-STAGE	20 20	1 I	1000 900	720 720	1 1	20	REC-AUDITORIUM REC-AUDITORIUM	46 48	NOT	TOTAL CONNECTED LOAD =		8	9670 VA	1	831	=	107.9 A	
51 MO	C-PROJECTOR TOR-FRONT OF HOUSE ELECTRIC	20 20	1 3	1500 2160	500 2160	1		REC-SPECIAL EQUIPMENT MOTOR - 1ST STAGE ELECTRIC	50 52	NOT	* *								
53 - 55 -		-	-	-	-	-	-		54 56 58	N	EW PANEL - CAFETOR	an	М						
59 -	TOR-2ND STAGE ELECTRIC	- 20	-	2160 -	2160 -	-	- 20	MOTOR - 3RD STAGE ELECTRIC	60			SI	STEM			3Ф			_
63 MO	TOR-4TH STAGE ELECTRIC	20	3	2160	- 1500 1200	1	_	LCP REC-SOUND CABINET	62 64	ENG	PANEL HPW			200A NEM				AIC MINIMUM UNT	_
67 -	 C-PROJECTOR	- 20	-	-	500 720	1	20	RIGGING SYSTEM POWER INJECTOR REC-AV - STAGE FLOOR	66 68 70	CIV				BOLT O			DED		
71 REC	C-AV - PODIUM FLOOR CONTROL C-AV - COLUMN ARRAY	20 20 20	- I 1	360 1500	1500 1500	l 1	20	REC-AV - COLUMN ARRAY REC-AV - SUBWOOFER	72 74	CK1 #	SERVING	CKT TRIP	_	LOAD	ECTED (VA)		TRIP	SERVING	Ck #
75 REC	C-AV - SUBWOOFER C-AV - RM 02-105D	20 20	T t	1500 1500	1500 1500	1	20	REC-AV - RM 02-105D REC-AV - RM 02-105D	76 78		LTS-DRESSING, CORR, TLT, ELECT, BK STAGE LTS-AUDITORIUM	20 20 20	1	1134 3960	1642	1		LTS-LOBBY, TLTS, VEST, CORR, SOUND LTS-NEW CANOPIES SPARE	4
79 REC	C-AV - RM 02-105D C-AV - RM 02-101C	20 20	l t	1500 1500	500 1500	1	-	REC-AV - RM 02-100 MONITOR REC-AV - RM 02-101C	80 82	-	LTS-MECH MEZZANINE AHU-2.4 AIR HANDLER	15	3	5280	3040	3	20 15	AHU-2.5 AIR HANDLER	8
	C-AV - RM 02-101C C-AV - STAGE	20 20	l l	1500 1500	1500 1500	1 1	-	REC-AV - STAGE REC-AV - STAGE	84 86	11	PANEL LPW (VIA TRANSFORMER TPW)	- 40	-	- 18284	- 180	1	- 20	 SMOKE DAMPERS	12
	C-AV - FLOOR RM 101 C-AV - RM 101 EAST WALL	20 20	1 1	360 360	360 180	1 1	-	REC-AV - RM 101 EAST WALL REC-AV - CEILING - SPEAKERS	88 90	15		-	-	-	-	2	-	SPACE ONLY	1
93 REC	C-AV - RM 02-101 MONITORS C-AV - RM 02-101 MONITORS	20 20	1 1	1500 1500	1000 500	1	20	REC-AV - CEILING - REAR FILL SPEAKERS REC-AV - SPECIAL EQUIPMENT	92 94	19 21	SPACE ONLY		3		•	3	•	SPACE ONLY	2
97 REC	C-AV - CEILING PROJECTOR C-AV - FLOOR CONTROL CONSOLE	20 20	[1	1500 1500	1500 1500	l 1	20	REC-AV - CEILING PROJECTOR REC-AV - FLOOR CONTROL CONSOLE	96 98	23			- 3		-	- 3		SPACE ONLY	2
	2-AV - SUBWOOFER	20 20	1 1	- 1500	- 1500	1	20	SPARE REC-AV - SUBWOOFER	100 102	27 29	2		•		•	•	•		2
105 REC	C-AV - PODIUM FLOOR CONTROL C-AV - FLOOR RM 101	20 20	l t	360 360	720 1500	1	_	REC-AV - STAGE FLOOR REC-AV - COLUMN ARRAY	104	31	SPACE ONLY	-	3			3		SPACE ONLY	3
107 012				1.500		1	20			33	((((· · · ·	-	1. P					
109 SPA	C-AV - COLUMN ARRAY ARE	20 20	1 1 1	1500 -	-	1 1		SPARE SPARE	108 110	35 37	 SPACE ONLY	•	- 3	•	•	- 3	- 30	SURGE PROTECTIVE DEVICE	3
109 SPA 111 SPA 113 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY	20	1 1 1 1	1500 - - -	-	1 1 1 3	20 - -	SPARE SPARE SPACE ONLY SPACE ONLY	108 110 112 114	35 37 39	 SPACE ONLY	•	3	•	•	- 3 -	- 30	SURGE PROTECTIVE DEVICE	30 31 40 42
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA	C-AV - COLUMN ARRAY ARE ARE	20 20	1 1 1 1 1 1 1 1	1500 - - - - - - -	- - - - - - - -	1 1 1 3 -	20 - -	SPARE SPARE SPACE ONLY	108 110 112	35 37 39	 SPACE ONLY 	•	- 3	- - - 4842 VA		- 3 - - 831			31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY	20 20 - - -		- - - -	- - - - - - - -	1 1 1 3 -	20 - - 30 - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 	108 110 112 114 116 118	35 37 39	 SPACE ONLY TOTAL CONNECTED LOAD =	•	- 3	- - - 4842 VA	-	- 3 - - 831			31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD =	20 20 - - -		- - - - - - 36620 VA			20 - - 30 -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 	108 110 112 114 116 118	35 37 39 41 NOT	SPACE ONLY TOTAL CONNECTED LOAD = TES: *			- - 4842 VA	-	- 3 - 831			31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD =	20 20 - - -		- - - - - - 36620 VA			20 - - 30 -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A	108 110 112 114 116 118	35 37 39 41 NOT	 SPACE ONLY TOTAL CONNECTED LOAD =	RIU	М				-		31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD =	20 20 - - - - DEMAN	D LOAI	- - - - - - 36620 VA			20 - - 30 -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A	108 110 112 114 116 118	35 37 39 41 NOT	TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T	RIU ST R	M YSTEM ATING	208/ 60A	20V M.I	<u>зф</u> 2.0.	- - = 4W 10,000	 41.9 A AIC MINIMUM	31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD = TOTAL D V PANEL - CAFETOE	20 20 - - - - - - S	d Loai M ystem	- - - - 36620 VA D: 136620	0 – 5605 120V	0 = 80,5 3Φ	20 - - 30 - - - - - - - - - - - - - - - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A	108 110 112 114 116 118	35 37 39 41 NOT	TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T	RIU SY R ENCLO	M YSTEM ATING DSURE	208/	20V M.I IA 1	3Ф 2.0. SURFA	- - = 4W 10,000	 41.9 A AIC MINIMUM	31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD = TOTAL D	20 20 20 - - - - - S EMAN	D LOAI M YSTEM ATING OSURE	- - - - - - - - - - - - - - - - - - -	0 – 5605 120V MA 1	0 = 80,5 3Φ C.B. SURFA	20 - - 30 - - - 570 VA =	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM	108 110 112 114 116 118	35 37 39 41 NOT	SPACE ONLY SPACE ONLY TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T	RIU SY R ENCLO OF CKT	M ystem ating osure tions	208/ 60A NEM BOLT O	20V M.I IA 1	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - - - - - - - - -	 41.9 A AIC MINIMUM	31
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD = TOTAL D V PANEL - CAFETOE	20 20 20 - - - - - - - - - - - - - - - -	D LOAI M YSTEM ATING OSURE PTIONS BKR	- - - - - - - - - - - - - - - - - - -	0 – 5605 120V MA 1 DN BREA ECTED	$0 = 80, \pm$ 3Φ C.B. $SURFA$ KERS CKT	20 - - 30 - - - 570 VA = - 570 VA = - - - - - - - - - - - - - - - - - - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM UNT SERVING	108 110 112 114 116 118	35 37 39 41 NOT NOT	SPACE ONLY SPACE ONLY TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T EW SERVING REC-RM 02-113 REC-COMM (MDF)	RIU SY R ENCLO OF CKT	M YSTEM ATING OSURE TIONS BKR	208/ 60A NEM BOLT O	20V M.I IA 1 N BREA ECTED	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - - - - - - - - -	41.9 A AIC MINIMUM UNT	
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA NEV NEV CKT # 1 REC	C-AV - COLUMN ARRAY ARE ARE ACE ONLY ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD = TOTAL D TOTAL D V PANEL - CAFETOF PANEL LPE SERVING C-BOILER	20 20 20 - - - - - - - - - - - - - - - -	D LOAI M YSTEM ATING OSURE PTIONS	- - - - - - - - - - - - - - - - - - -	0 – 5605 120V MA 1 DN BREA ECTED D (VA) 1080	$0 = 80, \pm$ 3Φ C.B. $SURFA$ KERS CKT	20 - - 30 - - - - - - - - - - - - - - - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM UNT SERVING REC-OFFICE	108 110 112 114 116 118 120	35 37 39 41 NOT NOT	TOTAL CONNECTED LOAD = TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T SERVING REC-RM 02-113 REC-COMM (MDF) REC-COMM (MDF) REC-COMM (MDF) SPARE	RIU SY R ENCLO OF CKT TRIP 20 20 20 20 20	M YSTEM ATING OSURE TIONS BKR	208/ 60A NEM BOLT O CONN LOAD 180 720 360 -	20V M.I MA 1 N BREA ECTED 0 (VA) 720 - -	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - - - - - - - - -	41.9 A AIC MINIMUM UNT SERVING RECCOMM (MDF RECCOMM (MDF SPARE SPARE SPARE	31 44 42 42 42 42 44 42 44 44 44 44 44 44
109 SPA 111 SPA 113 SPA 115 SPA 117 SPA 119 SPA NEV Intervention CKT # 1 REC 3	C-AV - COLUMN ARRAY ARE ARE ARE ARE ARE ARE ARE ARE	20 20 20 - - - - - - - - - - - - - - - -	D LOA M YSTEM ATING OSURE PTIONS BKR POLE 1 1	- - - - - - - - - - - - - - - - - - -	0 – 5605 120V MA 1 N BREA ECTED D (VA) 1080 900 720	$0 = 80, \pm$ 3Φ C.B. $SURFA$ KERS CKT	20 - - 30 - - - - - - - - - - - - - - - -	SPARE SPARE SPARE SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM UNT SERVING REC-OFFICE STOR, CUST, STAFF TLT, LAUNDRY, LOCK. REC-LOBBY, VEST.	108 110 112 114 116 118 120 	35 37 39 41 NOT NOT	SPACE ONLY SPACE ONLY TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T F SERVING REC-RM 02-113 REC-COMM (MDF) REC-COMM (MDF) SPARE EQUIPMENT RACK	RIU SY R ENCLO OF CKT TRIP 20 20 20 20 20 30 	M YSTEM ATING OSURE TIONS BKR	208/ 60A NEM BOLT O CONN LOAI 180 720	20V M.I IA 1 N BREA ECTED 0 (VA) 720	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - - -	41.9 A AIC MINIMUM UNT SERVING RECCOMM (MDF RECCOMM (MDF RECCOMM (MDF SPARE SPARE SPARE EQUIPMENT RACK	31 44 42 42 42 44 6 6 8 1 1
109 SPA 111 SPA 113 SPA 115 SPA 115 SPA 117 SPA 119 SPA NEV Recense CKT # 1 REC 3 REC 5 REV 9 -	C-AV - COLUMN ARRAY ARE ARE ARE ACE ONLY ACE ONLY ACE ONLY TOTAL CONNECTED LOAD = TOTAL D TOTAL D V PANEL - CAFETOF PANEL LPE SERVING C-BOILER C-BOILER C-PAPER STOR, DRY STOR VERSE FOLD SEATING	20 20 20 - - - - - - - - - - - - - - - -	D LOA M YSTEM ATING OSURE PTIONS BKR POLE 1 1	- - - - - - - - - - - - - - - - - - -	0 - 5605 120V MA 1 N BREA ECTED D (VA) 1080 900 720 500 900	$0 = 80, \pm$ 3Φ C.B. $SURFA$ KERS CKT	20 - - 30 - - - - - - - - - - - - - - - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM UNT SERVING REC-OFFICE STOR, CUST, STAFF TLT, LAUNDRY, LOCK. REC-LOBBY, VEST. REC-LOBBY, VEST. REC-EWC-DINING REC-DINING, CHAIR STOR.	108 110 112 114 116 118 120 	35 37 39 41 NOT NOT NOT	SPACE ONLY SPACE ONLY TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T F SERVING REC-RM 02-113 REC-COMM (MDF) REC-COMM (MDF) SPARE EQUIPMENT RACK SPARE REC-RM 02-102 MONITORS	R S R ENCLO OP CKT TRIP 20 20 20 20 20 20 30 20 20 20 20 20	M ATING DSURE TIONS BKR POLE 1 1 1 1 2	208/ 60A NEM BOLT O CONN LOAL 180 720 360 - 2400 - 1500	20V M.I IA 1 N BREA ECTED 0 (VA) 720 - - 2400 - - 1500	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - 20 20 20 20 20 20 20 20 20 20 20 20 20	41.9 A AIC MINIMUM UNT SERVING RECCOMM (MDF RECCOMM (MDF RECCOMM (MDF SPARE SPARE SPARE EQUIPMENT RACK SPARE REC-RM 02-102 MONITORS	38 40 42 42 42 42 42 60 8 10 10 10 10 10 10
109 SP/ 111 SP/ 113 SP/ 115 SP/ 115 SP/ 117 SP/ 119 SP/ NEV Image: Specific stress CKT # 1 REC 3 REC 5 REV 7 - 9 - 11 REC 13 REC	C-AV - COLUMN ARRAY ARE ARE ARE ARE ARE ARE ARE ARE	20 20 20 - - - - - - - - - - - - - - - -	D LOA M YSTEM ATING OSURE PTIONS BKR POLE 1 1	- - - - - - - - - - - - - - - - - - -	0 - 5605 120V MA 1 N BREA ECTED D (VA) 1080 900 720 500 900 1080 540	$0 = 80, \pm$ 3Φ C.B. $SURFA$ KERS CKT	20 - - 30 - - - - - - - - - - - - - - - -	SPARE SPARE SPACE ONLY SPACE ONLY SURGE PROTECTIVE DEVICE 379.5 A = 224 Amps AIC MINIMUM UNT SERVING REC-OFFICE STOR, CUST, STAFF TLT, LAUNDRY, LOCK. REC-LOBBY, VEST. REC-LOBBY, VEST. REC-EWC-DINING REC-DINING, CHAIR STOR. REC-DINING, EXTERIOR REC-DINING, VEST, EXTERIOR	108 110 112 114 116 118 120 CKT # 2 4 6 8 10 12 14	35 37 39 41 NOT NOT NOT NOT NOT NOT NOT 1 1 3 5 7 9 11 13 15 17 19	SPACE ONLY SPACE ONLY TOTAL CONNECTED LOAD = TES: * EW PANEL - CAFETOF PANEL T SERVING REC-RM 02-113 REC-COMM (MDF) REC-COMM (MDF) REC-COMM (MDF) SPARE EQUIPMENT RACK SPARE REC-RM 02-102 MONITORS REC-RM 02-111 GENERATOR BLOCK HEATER	RIU SY R ENCLO OP CKT TRIP 20 20 20 20 20 20 20 20 20 20 20 20 20	M ATING DSURE TIONS BKR POLE 1 1 1 1 2	208/ 60A NEM BOLT O CONN LOAL 180 720 360 - 2400 - 1500 180 1500	20V M.I MA 1 N BREA ECTED (VA) 720 - - 2400 - -	3Ф L.O. SURFA KERS CKT	- - - - - - - - - - - - - - 20 20 20 20 20 20 20 20 20 20 20 20 20	41.9 A AIC MINIMUM UNT SERVING RECCOMM (MDF RECCOMM (MDF RECCOMM (MDF SPARE SPARE SPARE EQUIPMENT RACK SPARE REC-RM 02-102 MONITORS REC-RM 02-111 SPARE	38 40 42 42 42 42 42 42 42 42 42 42 42 42 42
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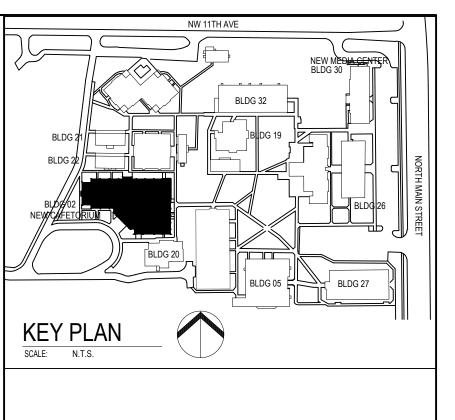


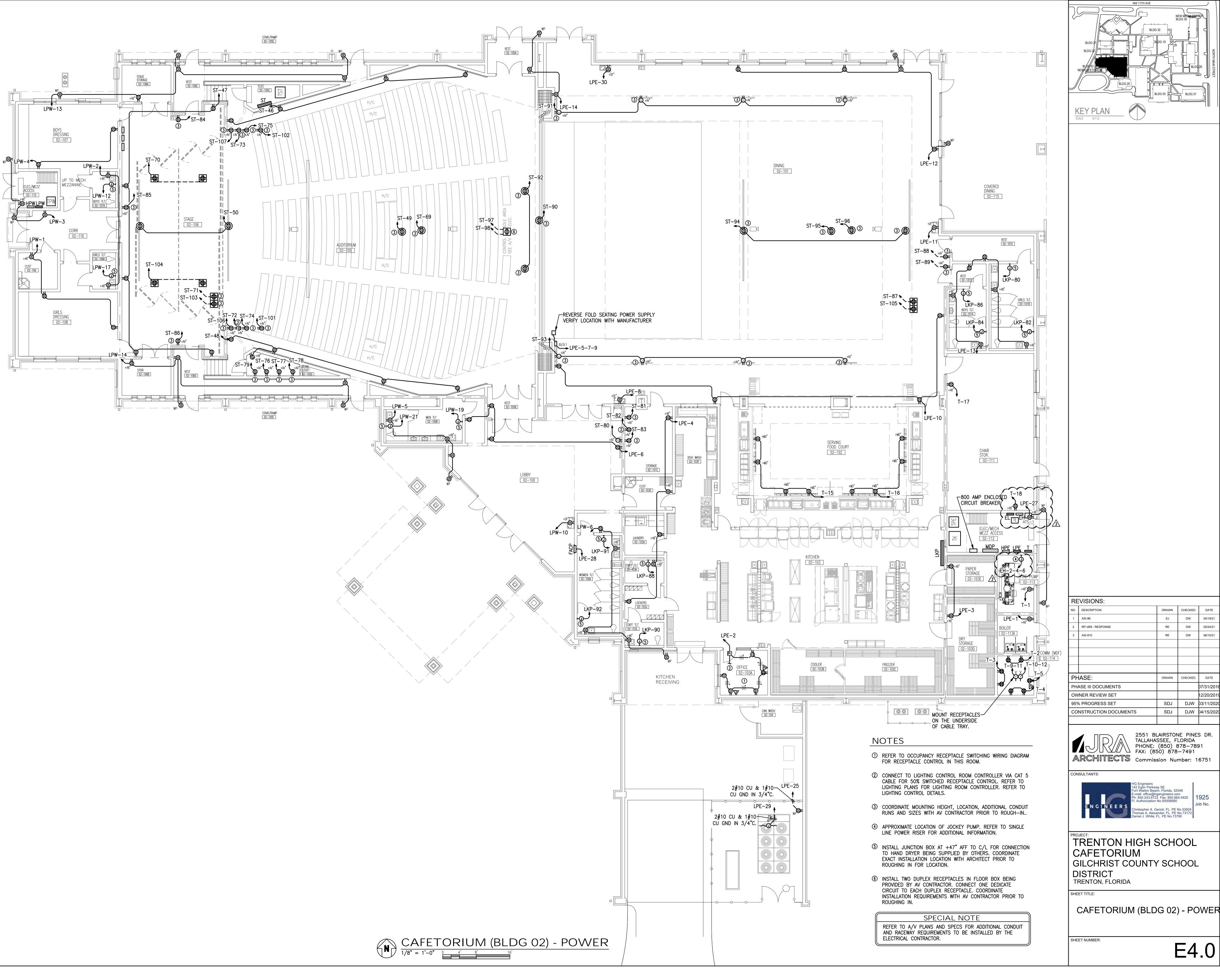


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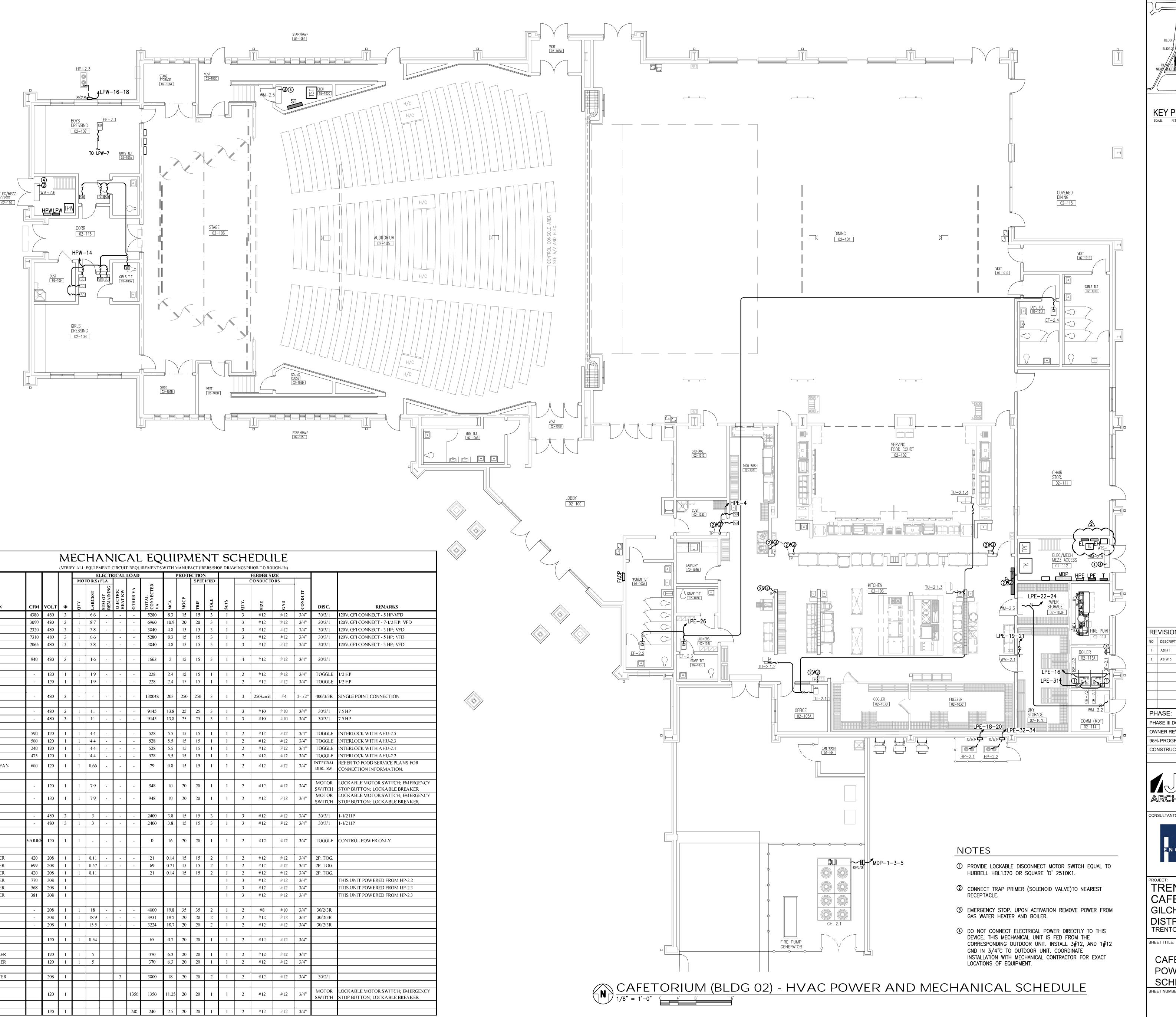
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TALLAHASSEE, FLORIDA PHONE: (850) 878–7891 FAX: (850) 878–7491 Commission Number: 16751 TS: TS: TG: TS: TG: TS: TG: TG:	CTION DOCUMENTS	SDJ	DJW	04/15/2020
ETORIUM HRIST COUNTY SCHOOL RICT ON, FLORIDA ETORIUM (BLDG 02) - PANEL IEDULES	TS: HG Engineers 142 Eglin Parkwa Fort Walton Bead E-mail: office@h Ph: 850.243.6722 FI. Authorization Christopher A. G Thomas A. Alexa	ay SE ch, Florida, 32: gengineers.co 3 Fax: 850.66 No.00006680 arick; FL. PE I inder; FL. PE I	548 m 4.5420 1 Ja No.53924 No.73172	925
ETORIUM (BLDG 02) - PANEL IEDULES	ETORIUM HRIST COUNTY RICT ON, FLORIDA			
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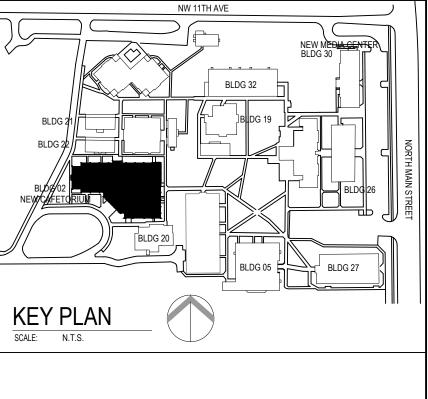


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DOCUMENTS EVIEW SET SRESS SET ICTION DOCUMENTS INTERCAS 2551 BLAI TALLAHASS PHONE: (E FAX: (850) Commission ITS: INTON HIGH SQ Chistopher A. Garic Thomas A. Alexande DATON HIGH SQ PHONE: FL.	DRAWN SDJ SDJ SDJ SDJ SDJ SDJ SDJ SDJ SDJ SDJ	CHECKED DJW DJW DJW DJW DJW DJW DJW DJW DJW DJ	DATE 07/31/2016 12/20/2019 03/11/2020 04/15/2020 ES DR. 391 16751 1925
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					I	-	LECTI		-		_		ECTIO:		I		FEEDER S	
EQUIPMENT DESIGNATION	DESCRIPTION	CFM	VOLT	Ф	MO	TOR(S)			OTHER VA	TOTAL. CONNECTED VA	MCA	MOCP		IFIED 3104	SETS	QTV.	CONDUCTO	
AHU-2.1	AIR HANDLING UNIT	4380	480	3	1	6.6	-	-	-	5280	8.3	15	15	3	1	3	#12	#
AHU-2.2	AIR HANDLING UNIT	3090	480	3	1	8.7	-	-	-	6960	10.9	20	20	3	1	3	#12	Ŕ
AHU-2.3	AIR HANDLING UNIT	2320	480	3	1	3.8	-	-	-	3040	4.8	15	15	3	1	3	#12	, i
AHU-2.4	AIR HANDLING UNIT	7310	480	3	1	6.6		-	-	5280	8.3	15	15	3	1	3	# 1 2	, [‡]
AHU-2.5	AIR HANDLING UNIT	2065	480	3	1	3.8	-	-	-	3040	4.8	15	15	3	1	3	#12	Ĥ
FC-2,1	FAN COIL UNIT	940	480	3	1	1.6	-	-	-	1662	2	15	15	3	1	4	#12	#
						ļ												<u> </u>
BP-2.1	BOILER PUMP		120	1	1	1.9	-	-	-	228	2.4	15	15	1	1	2	#12	#
BP-2.2	BOILER PUMP	-	120		L	1.9	-	-	-	228	2.4	15	15			2	#12	Ĥ
CH-2.1	CHILLER		480	3	-	-	-	-	-	130048	203	250	250	3	1	3	250kemil	
CHP-2.1	CHILLED WATER PUMP		480	3	1	11	<u> </u>		-	9145	13.8	25	25	3	1	3	#10	t.
CHP-2.2	CHILLED WATER PUMP	-	480	3	1	11	-	-	-	9145	13.8	25	25	3	1	3	#10	÷.
EF-2.1	EXHAUST FAN	590	120	l	1	4.4	-	-	-	528	5.5	15	15	1	1	2	#12	ŧ
EF-2.2	EXHAUST FAN	500	120	l	1	4.4	-	-	-	528	5.5	15	15	1	1	2	#12	
EF-2.3	EXHAUST FAN	240	120	l	1	4.4		-	-	528	5.5	15	15	Т	1	2	#12	Ŕ
EF-2.4	EXHAUST FAN	475	120	1	1	4,4	-	-	-	528	5,5	15	15	1	1	2	#12	ŧ
KEF-3	CONDENSATE EXUAST FAN	600	120	L	1	0.66	-	· ·	-	79	0.8	15	15	I	1	2	#12	į.
GB-2,1	GAS BOILER	-	120	1	1	7.9	-	-	-	948	10	20	20	1	1	2	#12	ż
GB-2,1	GAS BOILER	-	120	1	1	7.9	-	-	-	948	10	20	20	1	1	2	#12	÷
IIWP-2,1	HOT WATER PUMP		480	3	1	3	-	-	-	2400	3.8	15	15	3		3	#12	,
HWP-2.2	HOT WATER PUMP	-	480	3	1	3	-	-	-	2400	3.8	15	15	3	1	3	#12	ŧ
TU-2.1.1 THRU TU-2.5.3	TERMINAL UNITS	VARIES	120	1	1	-	-	-	-	0	16	20	20	1	1	2	#12	#
WM-2.1	MINI-SPLIT AIR HANDLER	420	208	1	1	0.11	<u> </u>			21	0.14	15	15	2		2	#12	i
WM-2.2	MINI-SPLIT AIR HANDLER	699	208		1	0.57	-	.		69	0.71	15	15	2		2	#12	, ,
WM-2.3	MINI-SPLIT AIR HANDLER	420	208	1	1	0.11				21	0.14	15	15	2	1	2	#12	į
WM-2,4	MINI-SPLIT AIR HANDLER	770	208	1											1	3	#12	į
WM-2.5	MINI-SPLIT AIR HANDLER	568	208	L											1	3	#12	į
WM-2,6	MINI-SPLIT AIR HANDLER	381	208	1											1	3	#12	į
HP-2.1	MINI-SPLIT COND. UNIT	-	208	l	1	18	-	-	-	4000	19.8	35	35	2	1	2	#8	ļ
HP-2.2	MINI-SPLIT COND, UNIT	-	208	1	1	18.9	-	-	-	3931	19.5	20	20	2	1	2	#12	ļ
HP-2.3	MINI-SPLIT COND. UNIT	-	208	1	l	15.5	-	-	-	3224	18.7	20	20	2	1	2	#12	į
CP-1 & CP-2	CIRCULATION PUMP		120		1	0.54				65	0.7	20	20	1		2	#12	÷
EWC-1	ELECTRIC WATER COOLER		120	1	1	5				370	6.3	20	20	1	1	2	#12	
EWC-1 EWC-2	ELECTRIC WATER COOLER	+	120	1	1	5				370	6.3	20	20		1	2	#12	- i
EWH-1	ELECTRIC WATER HEATER		208	1				3		3000	18	20	20	2	1	2	#12	ŧ
IWH-1	GAS WATER HEATER		120	I					1350	1350	11.25	20	20	1	1	2	#12	<i>i</i> i
	TRAP PRIMER		120						240	240	2.5	20	20			2	#12	,

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	SDJ	DJW	03/11/2020
ICTION DOCUMENTS	SDJ	DJW	04/15/2020
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101 DESIGNAITON	DES CRIPTION CAN WASHER	LIOV	Φ	TOTAL CONNECTED VA	MCA	ADOM		Lefted Police	SETS					MEANS OF DISCONNECT	MOUNTING HEIGHT	REMARKS
102 103	A IR CURTAIN, UNHEATED TRUCK STOCKING	208	1	1456	8.8	15	15	2	1	3	#12	#12	3/4"	MOTOR SWITCH	104" AFF	INTERLOCK WITH DOOR MICROSWITC
104 105 105.1	OFFICE FURNISHINGS WALK-IN COOLER - LIGHTS EVAPORATOR COIL - COOLER	120 120	1	1200 324	12.5 3.4	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	BREAKER BREAKER	114" AFF	PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE-
105.2 105.3 105.4	REMOTE CONDENSER - COOLER W ALK-IN FREEZER - LIGHTS EVAPORATOR COIL - FREEZER	208 120 208	1 1 1	3120 1200 1831	18.8 12.5 8.8	20 20 20	25 20 20	2 1 1	1 1 1	3 2 3	#10 #12 #12	#10 #12 #12	3/4" 3/4" 3/4"	BREAKER BREAKER BREAKER	114" AFF 114" AFF	PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE- PROVIDE LOCKABLE BREAKER; NOTE-
105.5 106 107	REMOTE CONDENSER - FREEZER OPEN ITEM RACK, DUNNAGE	208	1	9215	55.4	60	60	2	1	3	#6	#10	3/4"	BREAKER	36" AFF	PROVIDE LOCKABLE BREAKER; NOTE-
108 109 110	COOLER/FREEZER SHELVING-4 TIER DRY STORAGE SHELVING-5 TIER RACK CAN, FIRST IN-FIRST OUT															
111 112 113	RACK, DUNNAGE PAPER STORAGE SHELVING-5 TIER RACK, DUNNAGE															
114 115 115.1	CAN OPENER, ELECTRIC WORK TABLE W/DRAWER S/S WALL SHELF-2 TIER	120 120	1	180 180	1.9 1.9	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R NEMA 5-20R		INSTALL (1)CONVENIENCE OUTLET OF
116 117 117.1	DISPENSER, HOT WATER VEG. PREP TABLE W/SINKS FAUCET, WALL MOUNT	208 120	1	5000 360	30 3.8	30 20	30 20	2	1	3 2	#10 #12	#10 #12	3/4" 3/4"	NEMA 6-30R NEMA 5-20R	50"AFF 50"AFF	INSTALL (2)CONVENIENCE OUTLET OF
118 119	DISPOSER W/CONTROL OPEN IT EM	208	3	2376	8.3	20	20	3	1	4	#12	#12	3/4"	BREAKER	30" AFF	PROVIDE LOCKABLE BREAKER; CONNECT VIA CONTROL PANE; NOTE
122	32 GAL TRA SH CAN-MOBILE S/S PA SSOVER SHELF-56" AFF OPEN ITEM															
100-1-20	TRA SH RECEPTA CLE HA ND SINK-WALL MOUNT MEAT PREP. TABLE W/SINK	120	1	360	3.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	INSTALL (2)CONVENIENCE OUTLET OF
125.1 126 127	FAUCET-WALL MOUNT S/S CORNER GUARDS GAS STEAMER, CONVECTION	120	1	240	2.5	20	20	1	1	2	#12	#12	3/4"			CONNECTED VIA 'UDS SYSTEM; NOTE-
128 129 130	FLOOR TROUGH GAS TILT SKILLET KETTLE AND STAND ASSEMBLY	120 208	1 3	1080 11880	11.3 41.3	20 40	20 40	1 3	1	2 4	#12 #8	#12 #10	3/4" 3/4"			CONNECTED VIA 'UDS SYSTEM; NOTE- CONNECTED VIA 'UDS SYSTEM; NOTE-
131 132 133	FLOOR TROUGH OPEN ITEM ISLAND EXHAUST HOOD															
133.1 133.2	FIRE SUPPRESSION SYSTEM UTILITY DISTRIBUTION SYSTEM (UDS)	208 120	3	28900 1800	100 18.8	125 20	125 20	3	1	4	#1 #12	#6 #12	1-1/2" 3/4"	BREAKER BREAKER	_	NOTE-'B'; NOTE-'F' NOTE-'B'; NOTE-'F'
134	EXHA UST HOOD FA N "KEF-1" A ND "KEF-2" EXHA UST HOOD MAKE-UP FA N "MUA"	208 208	3	1368 3960	3.8	20 20	20 20	3	1	3	#12	#12	3/4" 3/4"	INTEGRAL DISC. SW. INTEGRAL		REFER TO KITCHEN EQUPT. PLANS FO CONNECTION INFORMATION. REFER TO KITCHEN EQUPT. PLANS FO
136	GAS RANGE, HEA VY DUTY GAS OVEN, CONVECTION, DOUBLE DECK	1208	5	1080	11.3	20	20	1	1	2	#12	#12	3/4"	DISC. SW. NEMA 5-20R		CONNECTION INFORMATION.
138 139 140	GAS OVEN-STEAMER, COMBI, DOUBLE DECK OPEN ITEM WORK TA BLE, MOBILE	208 120	1	1352 360	8.1 3.8	15 20	15 20	2	1	2	#12 #12	#12 #12	3/4" 3/4"	NEMA 6-15R NEMA 5-20R		CONNECTED VIA 'UDS SYSTEM; NOTE- INSTALL (2)CONVENIENCE OUTLET IN
141 142 143	40 GA L. MIXER, FLOOR S/S WALL SHELF, UTENSILS BIN, INGREDIENT	208	3	2520	8.8	20	20	3	1	3	#12	#12	3/4"	NEMA L15-20R	50"AFF	
144 144.1 145	BAKERS TABLE, W/DRAWERS S/S WALL SHELF, 2-TIER CABINET, MOBILE, WARMING/HOLDING	120 120	1	360 1500	3.8 15.6	20 20	20 20	1	1	2	#12	#12	3/4" 3/4"	NEMA 5-20R	50"AFF 72"AFF	INSTALL (2)CONVENIENCE OUTLET ON
147	SHELVING, ADJUSTABLE POTSINK, 3-COMPARTMENT FAUCET, WALL MOUNT															
	S/S WALL MOUNT POT RACK ICE MAKER FILTER SYSTEMS, ICE MAKER	208	1	1332	8	15	15	2	1	2	#12	#12	3/4"	BREAKER	78"AFF	
150	BIN. ICE FLOOR TROUGH W/FIBERGLASS GRATE WORKTABLE	120	1	360	3.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	INSTALL (2)CONVENIENCE OUTLET ON
151.1 152 153	S/S WALL SHELF EMPLOYEE LOCKERS WASHER, DOMESTIC	120	1	1200	12.5	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	
154 155 156	DRYER, DOMESTIC CART, UTILITY MOPSINK W/FA UCET	208	1	5000	30	30	30	2	1	2	#10	#10	3/4"	NEMA 14-30R	50"AFF	
157 158 159	MOP/BROOM SHELF OPEN IT EM OVEN, RETHERM AND HOLD (MOBILE)	208	3	12000	33.3	50	50	2	1	2	#8	#10	3/4"	NEMA 15-50R	90"AFF	
160 161 162	RACK , UNIVERSAL SHELVING, ADJUSTABLE REFRIGERATOR, REACH-IN	120	1	1176	12.3	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	90"AFF	
163 164 165	SLICER, FOOD SLICER TABLE-MOBILE MIXER, COUNTER	120 120	1	300 720	3.1	20	20 20	1	1	2	#12	#12	3/4" 3/4"	NEMA 5-20R	50"AFF	
166 167 168	MIXER TABLE-MOBILE S/S WALL SHELF, UTENSILS CABINET, HEATED, PASS-THRU	208	1	3000	18	20	20	2	1	2	#12	#12	3/4"	NEMA 6-20R	96"AFF	
169 170 171	REFRIGERATOR, PASS-THRU CABINET, HEATED, PASS-THRU REFRIGERATOR, PASS-THRU	120 208 120	1 1 1	1284 1311 1176	13.4 7.9 12.3	20 20 20	20 20 20	1 2 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R NEMA 6-20R NEMA 5-20R	96"AFF 96"AFF 96"AFF	
172 173 174	SERVING COUNTER 5 W ELL HOT/COLD UNIT, BUILT-IN SLOPED FRONT FOOD PROTECTOR	208 208	3	36000 3495	125 21	125 20	125 20	3 2	1	4	#1 #12	#6 #12	1-1/2" 3/4"	BREAKER NEMA 14-20R	6"AFF	PRE-WIRED CONNECTION IN #172
175 176 177	DROP-IN, HEA TED SHELF CERA N HEA TED SHELF 3 W ELL, SLOPED COLD W ELL, BUILT-IN	120 208 120	1 1 1	600 604 912	6.3 2.9 9.5	20 20 20	20 20 20	1 1 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172
178 179 180	SLOPED SNACK SHELF REFRIGERATED SELF-SERVICE CASE POS	120 120 120	1 1 1	240 1480 1200	2 17.9 12.5	20 20 20	20 20 20	1 1 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R NEMA 5-20R		PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION IN #172 PRE-WIRED CONNECTION SERVING C
181 182 183	REFRIGERA TED SELF-SERVICE CA SE SERVING COUNTER 4 W ELL HOT/COLD UNIT, BUILT-IN	120 208 208	1 3 1	1480 36000 2996	17.9 125 18	20 125 20	20 125 20	1 3 2	1 1 1	2 4 3	#12 #1 #12	#12 #6 #12	3/4" 1-1/2" 3/4"	NEMA 5-20R BREAKER NEMA 14-20R	6"AFF	PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #182
184 185 186	SLOPED FRONT FOOD PROTECTOR DROP-IN, HEA TED SHELF CERA N HEA TED SHELF	120 120	1	600 604	6.3 2.9	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #182
187 188 189	OPEN IT EM OPEN IT EM DROP-IN, COLD W ELL	120	1	912	9.5	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #182
190 191 192	SLOPED SNACK SHELF OPEN ITEM REFRIGERATED SELF-SERVICE CASE	120 120	1	240 1480	2 17.9	20 20	20 20	1	1	2	#12	#12	3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #182 PRE-WIRED CONNECTION IN #193
193 194 195	SERVING COUNTER 4 W ELL HOT/COLD UNIT, BUILT-IN SLOPED FRONT FOOD PROTECTOR	208 208	3	36000 2996	125 18	125 20	125 20	3 2	1	4 3	#1 #12	#6 #12	1-1/2" 3/4"	BREAKER NEMA 14-20R	6"AFF	PRE-WIRED CONNECTION IN #193
196 197 198	DROP-IN, HEA TED SHELF CERA N HEA TED SHELF DROP-IN, COLD W ELL	120 208 120	1 1 1	600 604 912	6.3 2.9 9.5	20 20 20	20 20 20	1 1 1	1 1 1	2 2 2	#12 #12 #12	#12 #12 #12	3/4" 3/4" 3/4"	NEMA 5-20R		PRE-WIRED CONNECTION IN #193 PRE-WIRED CONNECTION IN #193 PRE-WIRED CONNECTION IN #193
199 200 201	SLOPED SNACK SHELF FROZEN DRINK DISPENSER SERVICE COUNTER	120 120	1	240 1200	2 12.5	20 20	20 20	1	1	2 2	#12 #12	#12 #12	3/4" 3/4"	NEMA 5-20R NEMA 5-20R	50"AFF	PRE-WIRED CONNECTION IN #193
201 202 203 204	HA ND RA IL-S/S MICROWA VE COUNTER OVEN, MICROWA VE	120	1	1608	16.8	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R	50"AFF	
205 206 207	CONDIMENT COUNTER, MOBILE CONDIMENT DISPENSER SIL VERWARE DISPENSER															
209 209 210	DIGITAL MENU BOARD OPEN ITEM PULL DOWN SECURITY DOOR	120	1	N/A	N/A	20	20	1	1	2	#12	#12	3/4"	NEMA 5-20R		OWNER PROVIDED.
211 212	SOILED DISH TA BLE W/TROUGH A ND SINK OPEN ITEM															PROVIDE LOCKABLE BREAKER;
213 214 214.1	DISPOSER W/CONTROL HOSE REEL WITH SPRA Y 50' HOSE REEL WITH GUN	208	3	2376	8.3	20	20	3	1	3	#12	#12	3/4"	BREAKER	24"AFF	CONNECT VIA CONTROL PANE; NOTE
214.1 215 215.1 216	WAREWASHER, RACK CONVEYOR WAREWASHER, BUILT IN BOOSTER CONDENSATE RISER	480 480	3	25429 33324	38.3 50.2	40 50	40 50	3	1	4	#8 #8	#10 #10	3/4" 3/4"	BREAKER BREAKER	64"AFF 64"AFF	
216 216.1 217	CONDENSATE FAN "KEF-3" CLEAN DISH TABLE W/LIMIT SWITCH	120	1	79	0.66	15	15	1	1	2	#12	#12	3/4"	INTEGRAL DISC. SW.		REFER TO KITCHEN EQUPT. PLANS FO CONNECTION INFORMATION. (FAN B
217 218 219 220	S/S WALL SHELF DISHROOM SHELVING-4 TIER SHELVING, ADJUSTABLE															
	CHEN SCHEDULE N			<u>.</u>	<u> </u>	I	I	I	1	<u> </u>	I	<u> </u>	1	L	<u> </u>	<u> </u>

(A) CONNECT FREEZER EVAPORATOR AND COOLER EVAPORATOR COIL TO REFRIGERATION SYSTEM CONTROL PANEL. USE SEAL LOCK ON ALL CONDUITS.

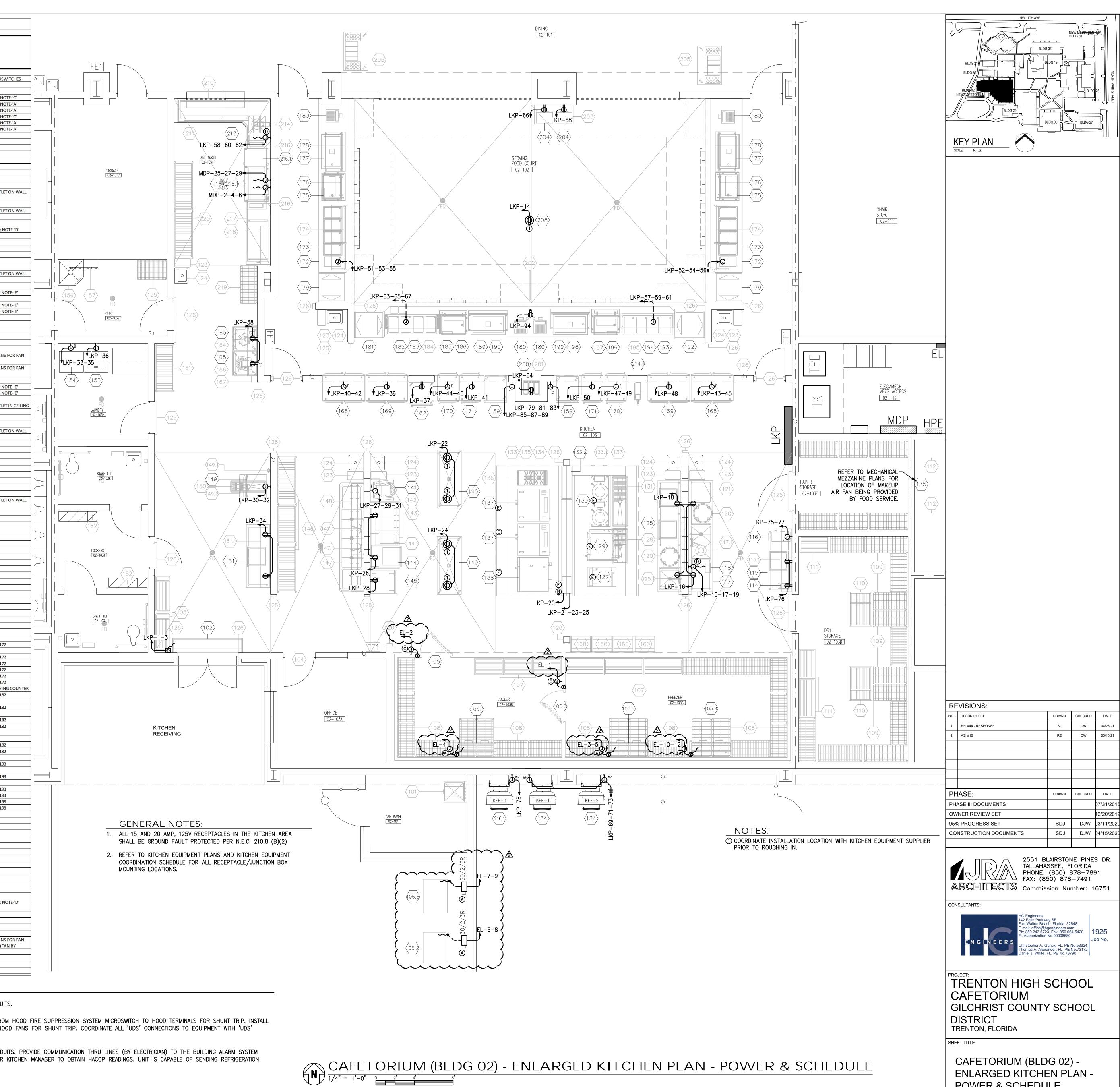
 EXHAUST HOOD/UDS SYSTEM - INSTALL 2#12 CU & 1#12 CU GND IN 3/4" CONDUIT FOR FAN CONTROL. INSTALL TWO 3 WIRE CIRCUITS FROM HOOD FIRE SUPPRESSION SYSTEM MICROSWITCH TO HOOD TERMINALS FOR SHUNT TRIP. INSTALL
TWO 3 PHASE CIRCUITS TO HOOD TERMINALS FOR HOOD FANS SHUNT TRIP. INSTALL THREE 3 PHASE CIRCUITS FROM HOOD TERMINALS FOR SHUNT TRIP. INSTALL THREE 3 PHASE CIRCUITS FROM HOOD FANS FOR SHUNT TRIP. COORDINATE ALL 'UDS' CONNECTIONS TO EQUIPMENT WITH 'UDS' SYSTEM SUPPLIER PRIOR TO ROUGHING IN. CONNECT TO FIRE ALARM SYSTEM TO SOUND ALARM UPON ACTIVATION OF HOOD ANSUL SYSTEM.

© CONNECT TO WALK-IN COOLER AND FREEZER DOOR HEATER, CONDENSATE DRAIN (IF REQUIRED) AND LIGHTS. USE SEAL LOCKS ON ALL CONDUITS. PROVIDE COMMUNICATION THRU LINES (BY ELECTRICIAN) TO THE BUILDING ALARM SYSTEM AND/OR KITCHEN MANAGERS OFFICE. NOTIFIES BUILD SYSTEM OF POWER OUTAGE, REFRIGERATION ISSUES. ALSO HAS BUILT IN USB PORT FOR KITCHEN MANAGER TO OBTAIN HACCP READINGS. UNIT IS CAPABLE OF SENDING REFRIGERATION INFORMATION TO AUTHORIZED PERSON OFF-SITE WHEN KITCHEN IS CLOSED.

① CONNECT DISPOSER VIA CONTROL PANEL AND SOLENOID VALVE. TWO CONNECTIONS REQUIRED.

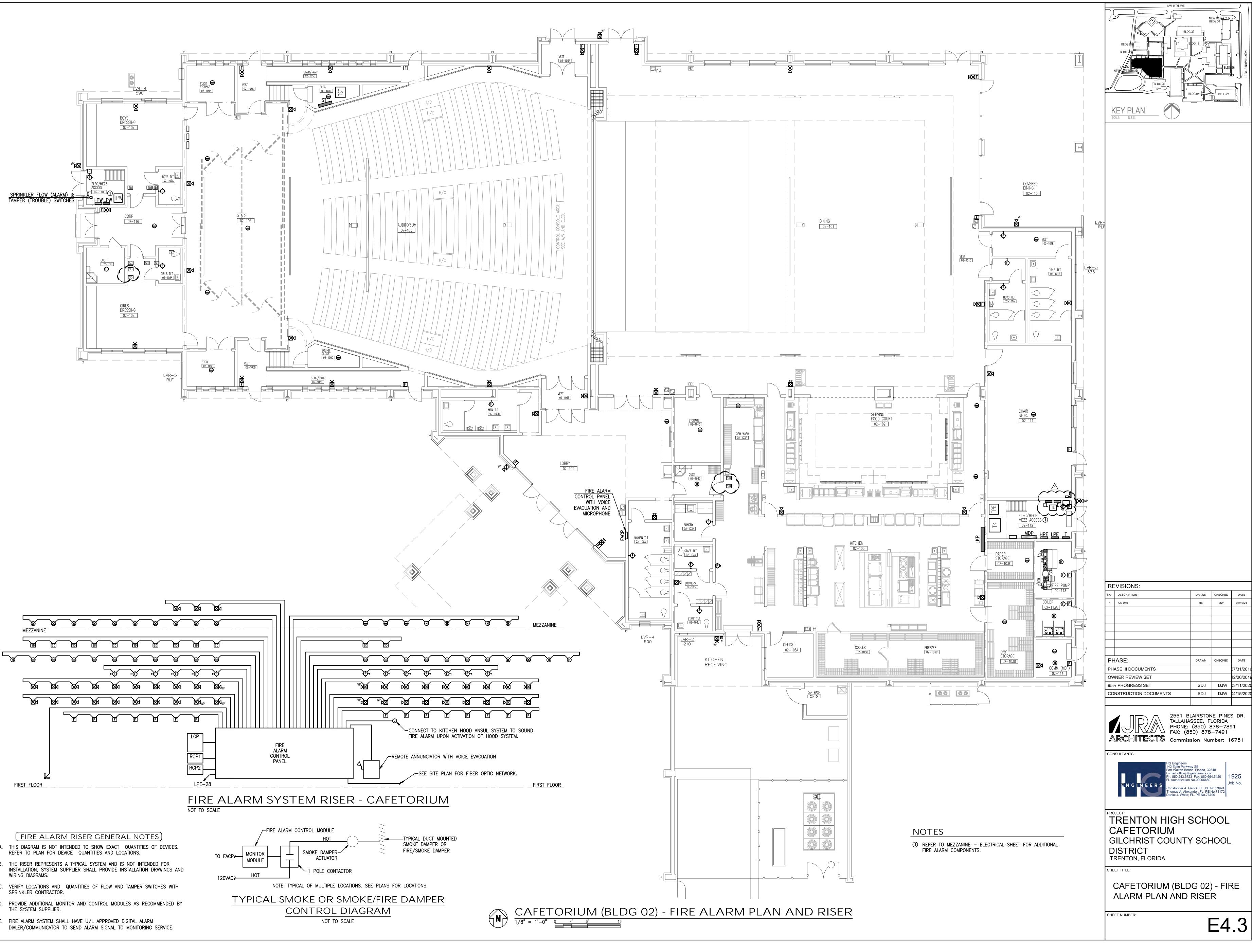
© ALL ITEMS UNDER EXHAUST HOOD SHALL SHUT-DOWN UPON ACTUATION OF HOOD FIRE SUPPRESSION (ANSUL) SYSTEM.

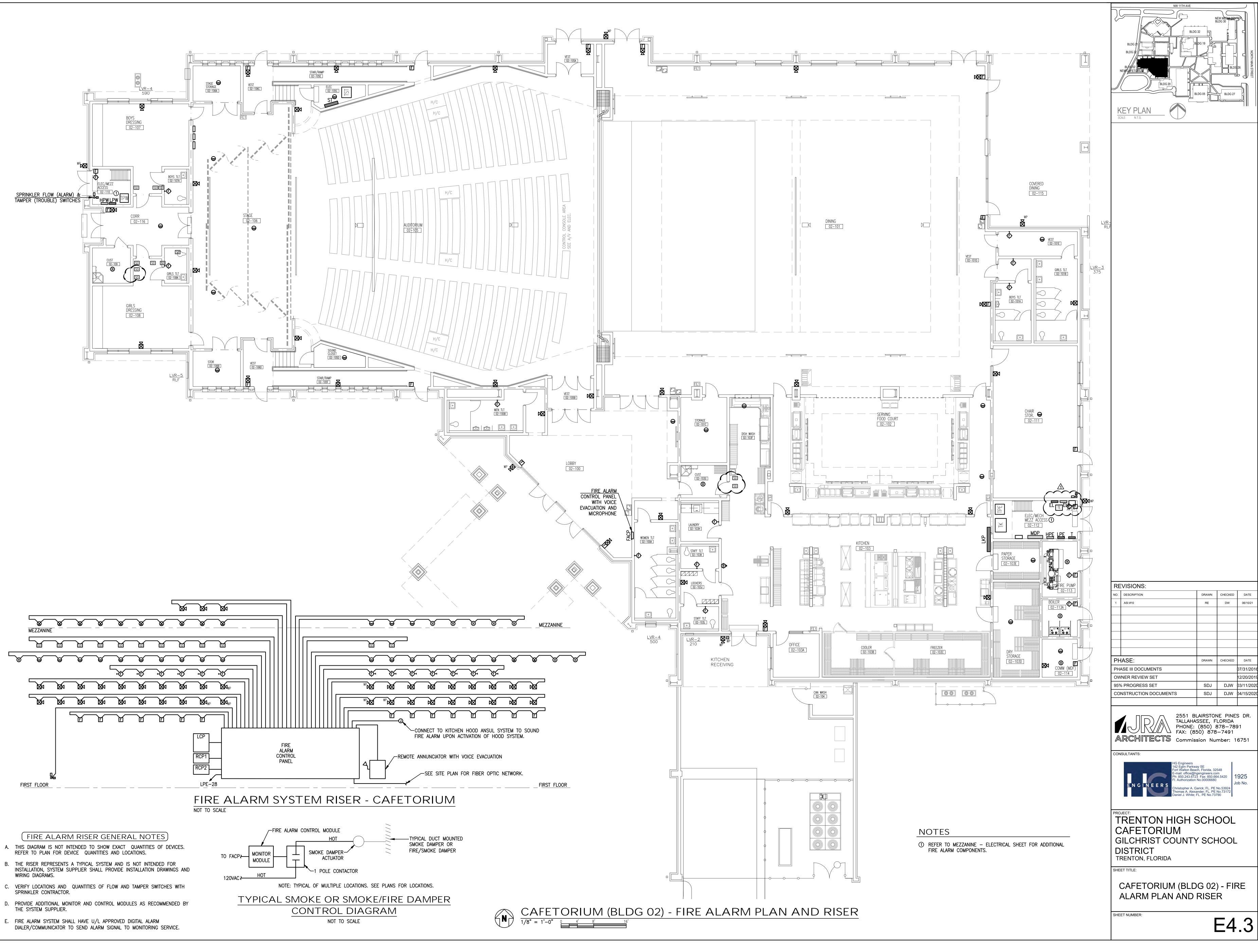
① INSTALL 3/4" CONDUIT WITH PULLCORD TO HOOD FIRE SUPPRESSION SYSTEM FOR REMOTE PULL STATION.



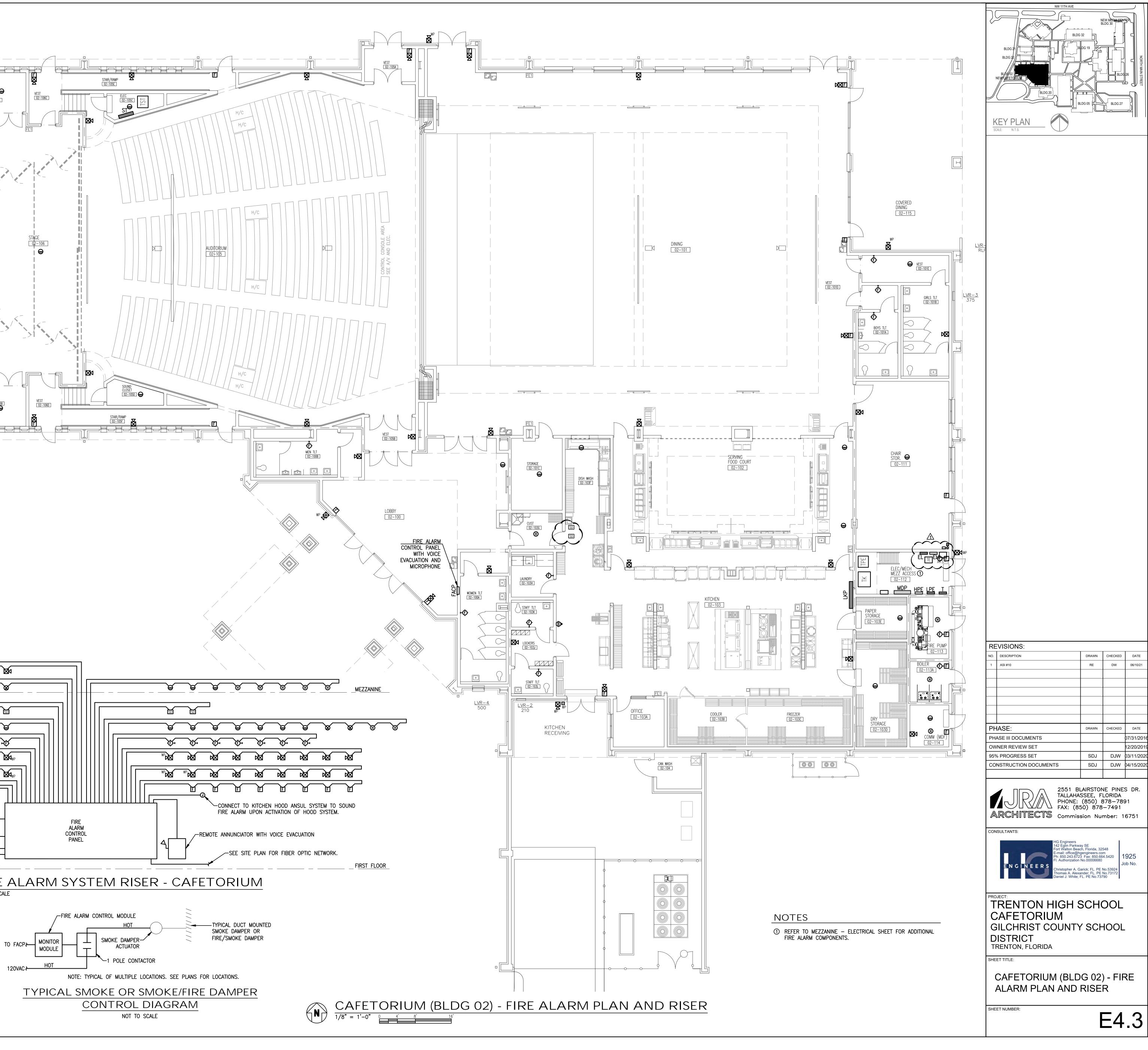
ENL/ POW SHEET NUMBI

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PTION	DRAWN	CHECKED	DATE
- RESPONSE	SJ	DW DW	04/26/21
	RE	Dvv	06/10/21
	DRAWN	CHECKED	DATE
DOCUMENTS			07/31/2016
EVIEW SET			12/20/2019
GRESS SET	SDJ	DJW	03/11/2020
	SDJ	DJW	04/15/2020
	303		p=, 13/2020
TS: HG Engineers 142 Eglin Parkw Fort Walton Bea E-mail: office@t	ach, Florida, 32		
Ph: 850.243.672 Fl. Authorization Christopher A. 0 Thomas A. Alex Daniel J. White;	23 Fax: 850.66 No.00006680 Garick; FL. PE ander; FL. PE	64.5420 1 No.53924 No.73172	925 ob No.
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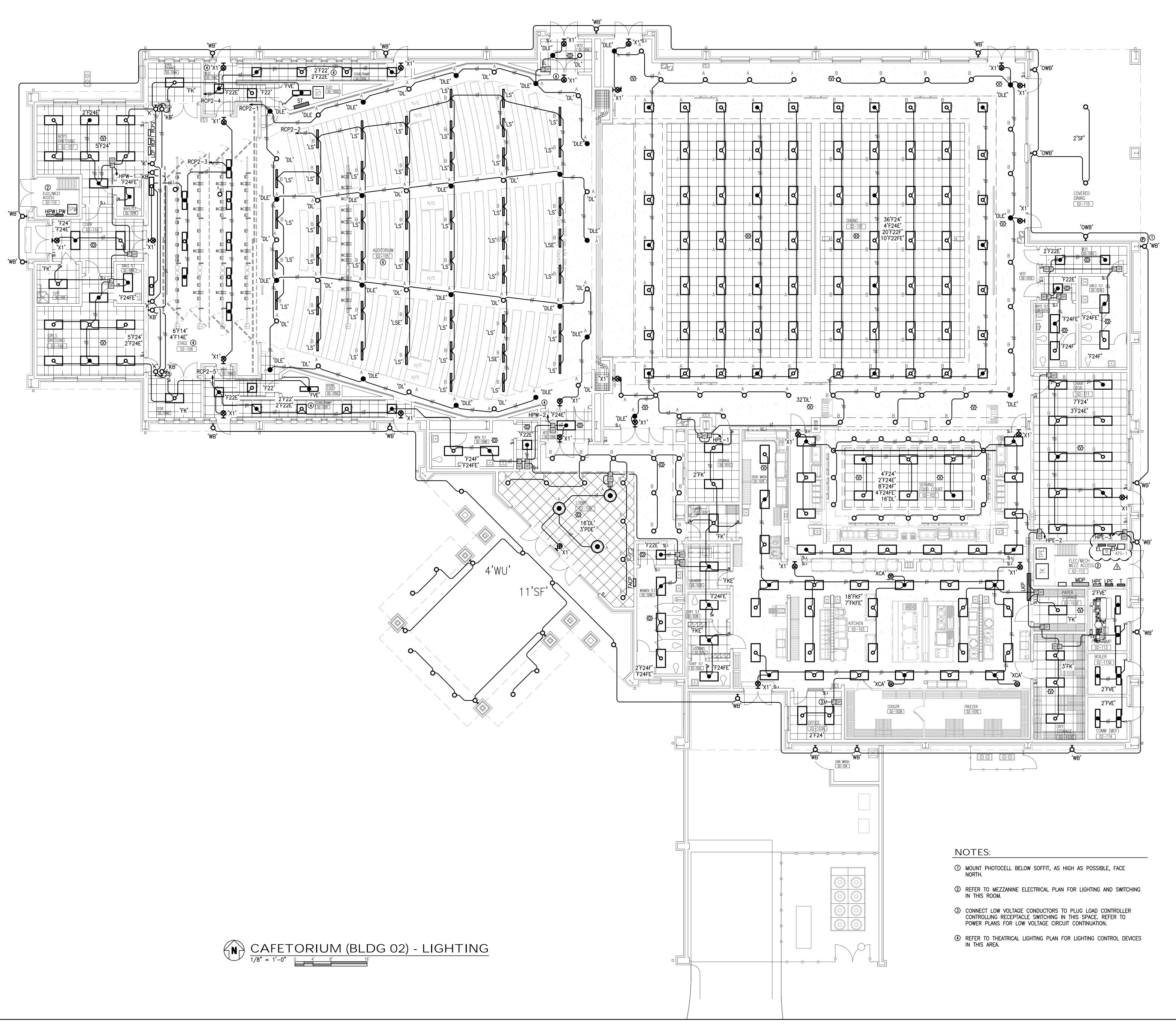


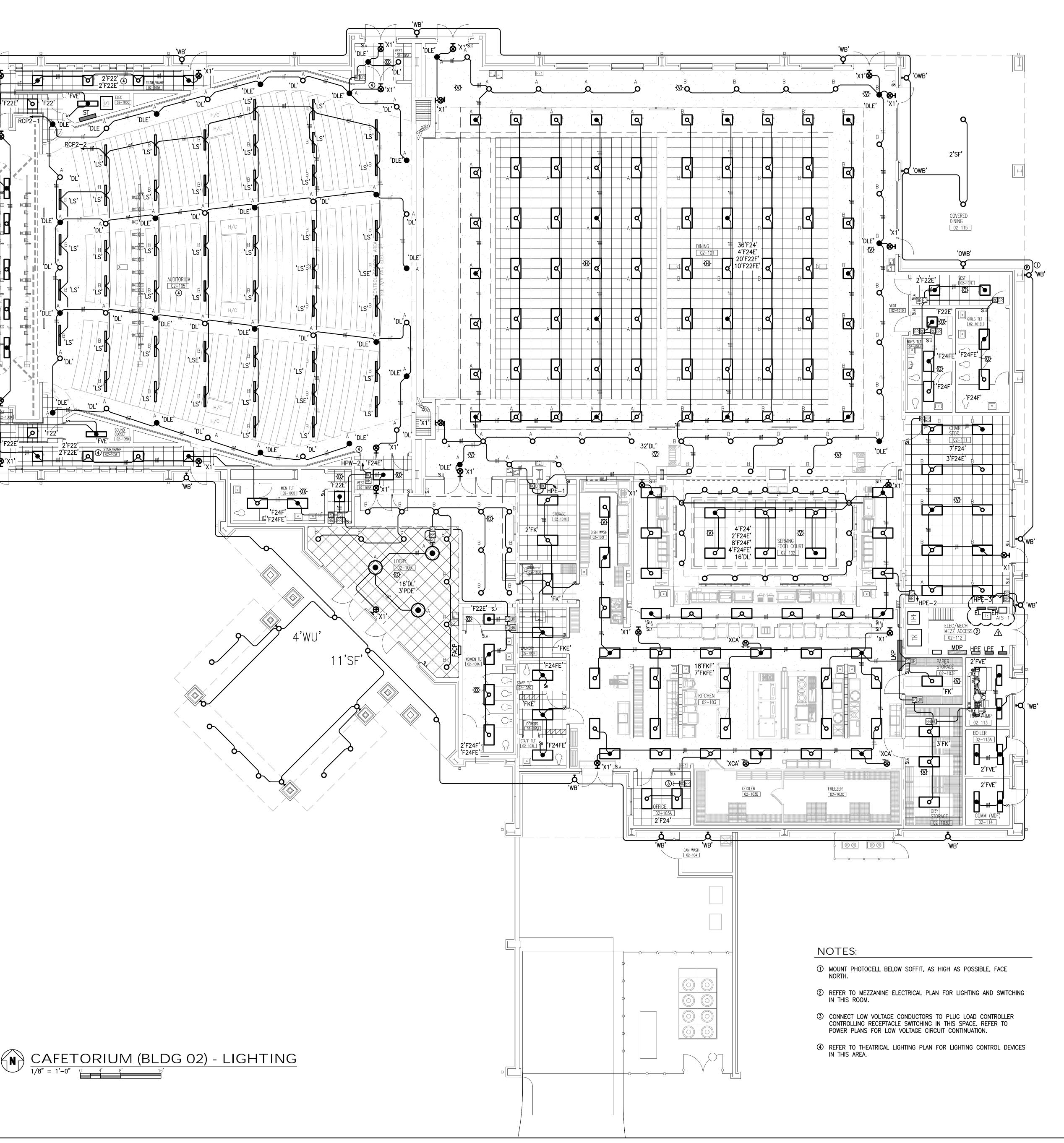


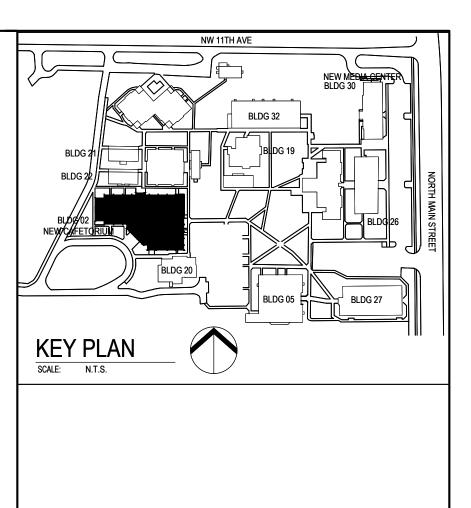
- E. FIRE ALARM SYSTEM SHALL HAVE U/L APPROVED DIGITAL ALARM

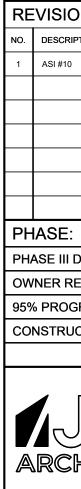


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	RE	DW	06/10/21
	DRAWN	CHECKED	DATE
			07/31/2016
EVIEW SET			12/20/2019
RESS SET	SDJ	DJW	03/11/2020
CTION DOCUMENTS	SDJ	DJW	04/15/2020
HITECTS Commis			0701
HG Engineers 142 Eglin Parkw Fort Walton Bea	ay SE ch. Florida, 32	548	
142 Eglin Parkw Fort Walton Bea E-mail: office@h Ph: 850.243.672 Fl. Authorization	ch, Florida, 32 gengineers.cc 3 Fax: 850.66 No.00006680 arick; FL. PE ander; FL. PE	000 04.5420 No.53924 No.73172	925 ob No.
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142 Eglin Parkw. Fort Walton Bea E-mail: office@h Ph: 850.243.672 Fl. Authorization Christopher A. G Thomas A. Alexa	ch, Florida, 32 gengineers.cc 3 Fax: 850.66 No.00006680 arrick; FL. PE ander; FL. PE No.73 CCH CCC CCC CCC CCC CCC CCC CCC CCC CC) – FIF	ob No.













RE	VISIONS:			
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
1	ASI #10	RE	DW	06/10/21
PH	IASE:	DRAWN	CHECKED	DATE
PH/	ASE III DOCUMENTS			07/31/201
OW	/NER REVIEW SET			12/20/201
95%	6 PROGRESS SET	SDJ	DJW	03/11/202
CO	NSTRUCTION DOCUMENTS	SDJ	DJW	04/15/202
	IALLAHA PHONE: FAX: (85 Commiss ISULTANTS:	50) 878 sion Nu	-7491	
	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Bea E-mail: office@h Ph: 850.243.672 Fl. Authorization	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66	548 548 548 5420 1	
	ARCHITECTS Commission ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Beaa E-mail: office@h Ph: 850.243.672	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 iarick; FL. PE ander; FL. PE	548 mber: 1 548 m 54.5420 No.53924 No.53924 No.73172	6751 925
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	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Bea E-mail: office@h Ph: 850.243.672 Fl. Authorization Christopher A. G Thomas A. Alexa Daniel J. White;	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 harick; FL. PE ander; FL. PE FL. PE No.737	548 mber: 1 548 m 54.5420 No.53924 No.53924 No.73172 500L	6751 925 ob No.
	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Bead E-mail: office@h Ph: 850.243.672 FI. Authorization Christopher A. G Thomas A. Alexa Daniel J. White; DECT: RENTON HIGH S CAFETORIUM BILCHRIST COUNTY DISTRICT	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.00006680 harick; FL. PE ander; FL. PE FL. PE No.737	548 mber: 1 548 m 54.5420 No.53924 No.53924 No.73172 500L	6751 925 ob No.
	ARCHITECTS Commiss ISULTANTS: HG Engineers 142 Eglin Parkwa Fort Walton Bea Ph: 850.243.672 FI. Authorization Christopher A. G Thomas A. Alexa Daniel J. White; DECT: RENTON HIGH S CAFETORIUM SILCHRIST COUNTY DISTRICT RENTON, FLORIDA	50) 878 sion Nu ay SE ch, Florida, 32 gengineers.co 3 Fax: 850.66 No.050680 harick; FL. PE ander; FL. PE FL. PE No.737	548 mber: 1 548 m4.5420 No.53924 No.73172 DOL HOOL	6751 925 ob No.



construction management I design build I general contracting

July 8, 2021

Gilchrist County School District 310 NW 11th Ave Trenton, FL 32693

Attn: David Spencer

RE: Change Order Proposal No. 17 – Loading Dock Undercut Trenton High School Cafetorium

Dear David,

Attached is our Change Order Proposal (COP) in accordance with qualifications/clarifications listed below.

Our COP for providing this work is <u>Seven Thousand Four Hundred Eight-Two and 00/100 Dollars (\$7,482.00)</u>

Clarifications:

- 1. Includes labor, material and equipment to undercut the screen walls at the loading dock and backfill with 24 inch lime rock and import fill in accordance with RFI 89 dated July 1, 2021 and email from Mario Nunez dated July 1, 2021.
- 2. GC fee, insurance and bond are not shown on the COP estimate since the 15% markup is included in the self-performed work estimate.
- 3. The prices included are guaranteed for 30 calendar days from the date of this cover due to current market volatility as indicated in the email from Aniel Martinez dated May 21, 2021.
- 4. This Change Order Proposal is inclusive of the items specifically noted above. Any cost items omitted from this COP shall be submitted under a separate cover.

We appreciate the opportunity to provide you with this proposal. Please notify me if you have any questions.

Sincerely,

Charles Perry Partners, Inc.

Aniel Martinez Project Manager

www.cppi.com



pckge	Description	Sub Amount	Grand Total Amount
	CHANGE ORDER PROPOSAL 17		
	Loading Dock Undercut		
31A	EARTHWORK, SITE IMPROVEMENTS		
	RFI 89 Undercut	7,482	7,482

Estimate Totals

Description	Amount	Totals	Rate
subtotal cost of work	7,482.00	7,482.00	
general liability insurance			
P&P Bond			
profit/overhead			
Subtotal GC Markup		7,482.00	
Total		7,482.00	



construction management I design build I general contracting

July 7, 2021

Charles Perry Partners, Inc. 8200 NW 15th Place Gainesville, FL 32606

Attn: Aniel Martinez

RE: Change Order Proposal #14 Project # 31-11-20144

Dear Aniel:

Attached is a copy of our Change Order Proposal #14 for undercutting the screen walls by the loading dock.

Our Proposal for providing this work is <u>Seven Thousand Four Hundred Eighty-Two and 00/100</u> <u>Dollars \$7,482.00</u>

Clarifications:

1. Includes costs for labor, material and equipment to undercut the screen walls by the loading dock and backfill with 24" of lime rock and import fill.

We appreciate the opportunity to provide you with this proposal. Please feel free to call the undersigned with any questions or needed revisions in scope.

Sincerely,

Charles Perry Partners, Inc. Diversified Projects Division

Tom Hysell Project Manager

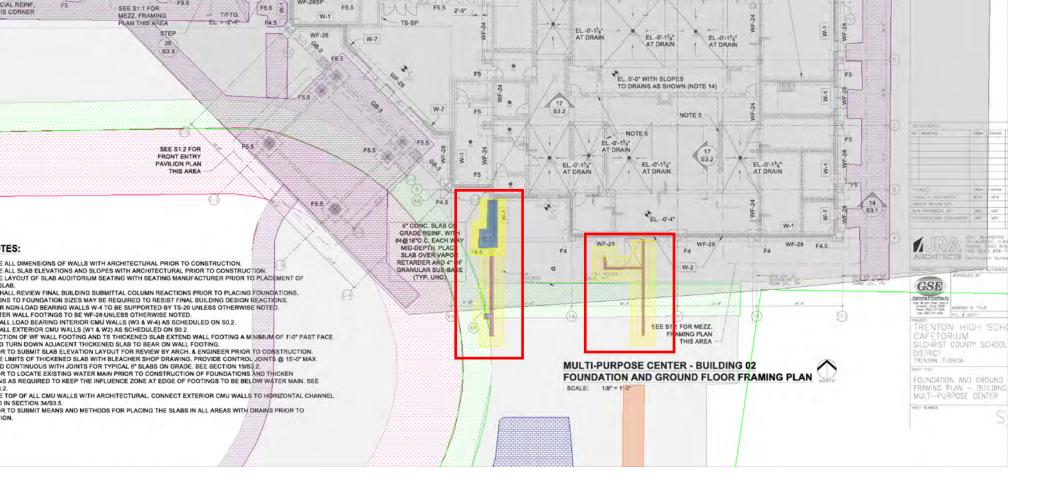
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Trenton HS Cafetorium COP-14

Bid Item	Description	Takeoff Quantity	Crew	Labor Productivity	Labor Cost/Unit	Labor Amount	Material Cost/Unit	Material Amount	Equip Productivity	Equip Cost/Unit	Equip Amount	Sub Cost/Unit	Sub Amount	Total Cost/Unit	Total Amount	Notes
1.01	MOBILIZATION / DEMOBILIZATION															
	Project Manager	4.00 HR			92.00 /HR	368	-			0.00 /HR	0	-	-	92.00 /HR	368	
	Superintendent	2.00 ED			233.20 /ED	466	-						-	233.20 /ED	466	
	1.01 MOBILIZATION / DEMOBILIZATION	1.00 LS			834.40 /LS	834	/LS			/LS		/LS		834.40 /LS	834	
2.09	EARTHWORK, ALL GRADING SHOWN ON PLANS															
	Mass Site Excavation - Loose Soils to Haul	108.00 cy	02 Site Cut- Haul	27.000 cy/ch	5.11 /cy	552	-		30.000 cy/ch	7.60 /cy	821	-	-	12.72 /cy	1,373	
	Site Fills - Sand or Gravel - From Hauled From Offsite	52.00 cy	02 Site Fill	13.000 cy/ch	8.31 /cy	432	1.50 /cy	78	30.000 cy/ch	1.62 /cy	84		-	11.43 /cy	594	
	Structure Backfill - Crushed Stone - From Hauled From Offsite	107.00 TN	02 Site Structure	13.375 TN/ch	10.32 /TN	1,104	5.00 /TN	535	20.000 TN/ch	16.53 /TN	1,768		-	31.84 /TN	3,407	
			BF													
	2.09 EARTHWORK, ALL GRADING SHOWN ON PLANS	1.00 LS			2,088.00 /LS	2,088	613.00 /LS	613		2,673.74 /LS	2,674	/LS		5,374.74 /LS	5,375	

Estimate Totals

Description	Amount	Totals	Rate		
Labor	2,922				
Material	613				
Subcontract					
Equipment	2,674				
Other					
Subtotal L/M/S/E/O	6,209	6,209			
Labor Burden					
Florida Sales Tax	230		7.000	%	
Subtotal Cost of Work	230	6,439			
Builders Risk Insurance	28		0.380	\$/	100
General Liability 06.05.2020	39		5.260	\$/	1,000
Subtotal Ins, Bonds	67	6,506			
Construction Contingency					
Subtotal Contingencies		6,506			
Profit / Overhead	976		15.000	%	
Subtotal Fee	976	7,482			
Total		7,482			



RFI DETAIL

#89 Undercutting at Kitchen Receiving/Can Wash Screen Wall



ANSWERED	CREATED	RESPONDED	DUE DATE
	Jul 01, 2021	Jul 01, 2021	Jul 08, 2021

Creator	Jennifer Bennett CPPI
Manager	Jennifer Bennett CPPI
Reviewer	Mario Nunez JRA Architects, Inc.
Co-Reviewer(s)	Todd Hinkle (JRA Architects, Inc.)
Location	Kitchen Receiving /Can Wash Screen Wall Area
Reference Drawing	S1.0 [v1]

QUESTION

There is saturated clay in the kitchen receiving where the screen wall footings are to be placed. We would like to undercut these areas. Please advise the direction you would like to proceed with. This is a high priority issue.

Suggested Answer:

RESPONSE

Proceed as required. When submitting COP for this work, please provide back-up including: Geotech confirmation of soil unsuitability, and truck tickets for any haul & fill material.

and truck tickets for any hauf & fill material.

By Mario Nunez - Jul 01, 2021 JRA Architects, Inc.

OTHER ATTRIBUTES

Priority High Discipline Structural Category Constructability, Field condition External ID 01-11-20144

IMPACT

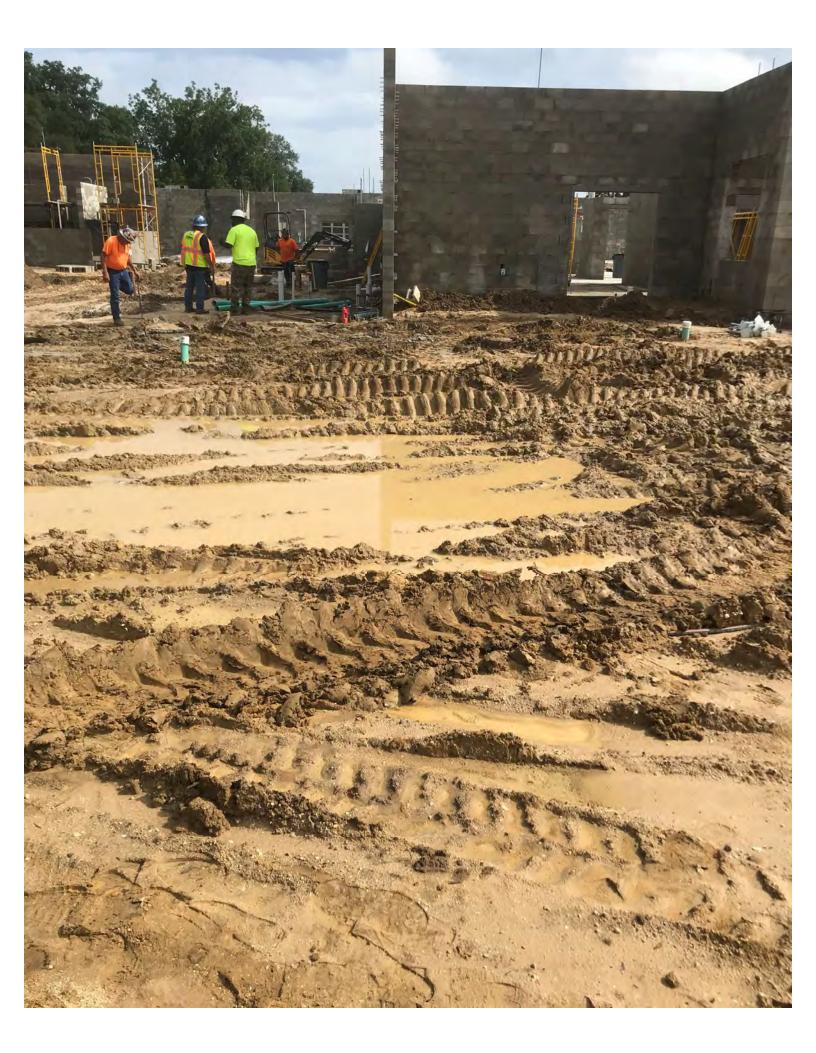
Cost Impact Unknown

Schedule Impact Unknown

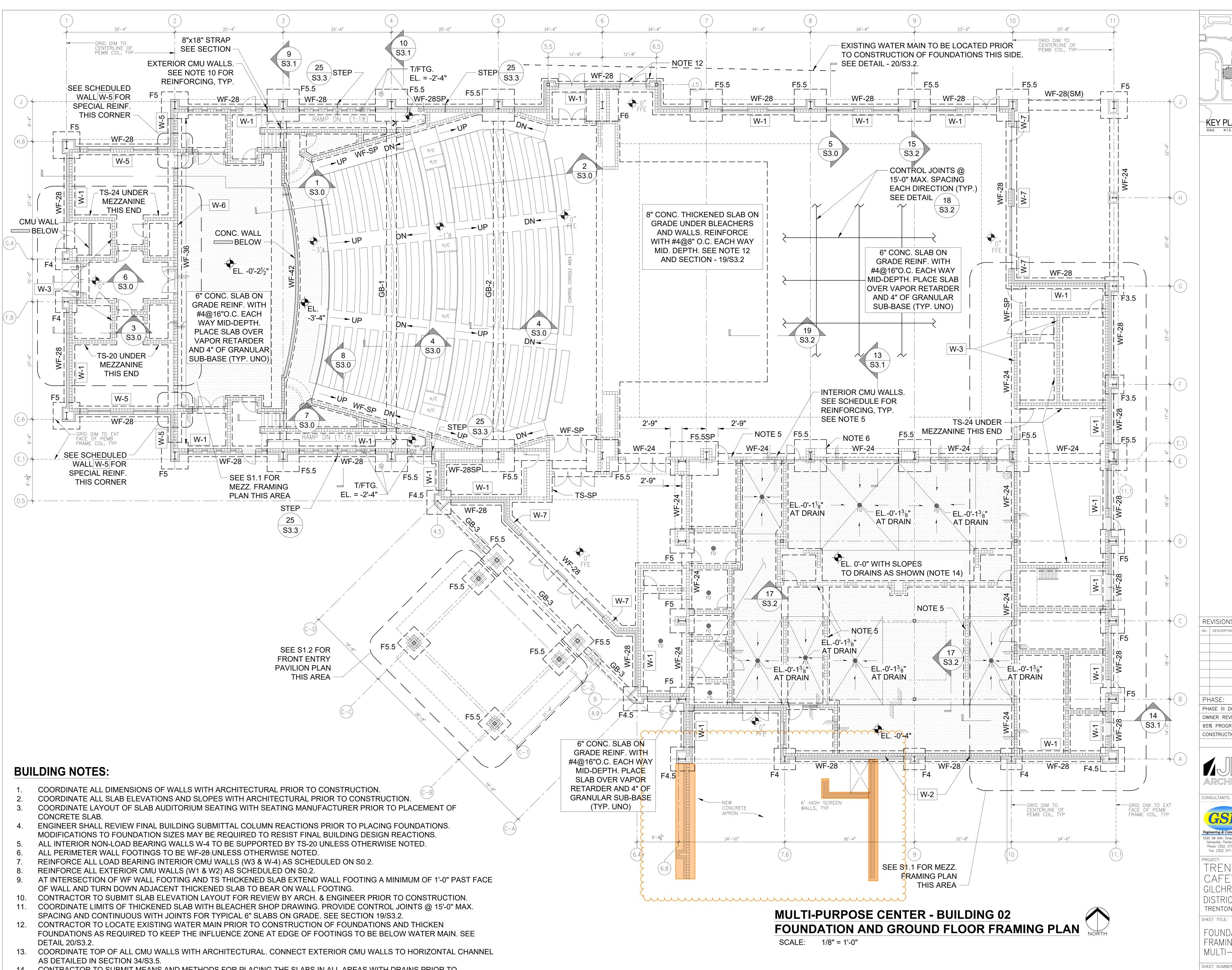
OTHER ATTACHMENTS

• RFI 89 Undercutting at Kitchen Receiving Can Wash Screen Wall.pdf - Jul 01, 2021 - Jennifer Bennett

ACTIVITIES	BY	AT
Created this RFI in DRAFT status and assigned to Jennifer Bennett	Jennifer	
Changed the due date to Jul 08, 2021	Bennett	Jul 01, 2021
Reassigned this RFI to Jennifer Bennett		
Uploaded RFI 89 Undercutting at Kitchen Receiving Can Wash Screen Wall.pdf	Jennifer Bennett	Jul 01, 2021
Changed status from DRAFT to OPEN	Jennifer	
Changed the due date to Jul 08, 2021	Bennett	Jul 01, 2021
Reassigned this RFI to Mario Nunez		Jul 01, 2021
Jennifer Bennett Set the Number to 89		
Changed status from OPEN to ANSWERED	Mario Nunez	hul 01 2021
Reassigned this RFI to Jennifer Bennett		Jul 01, 2021

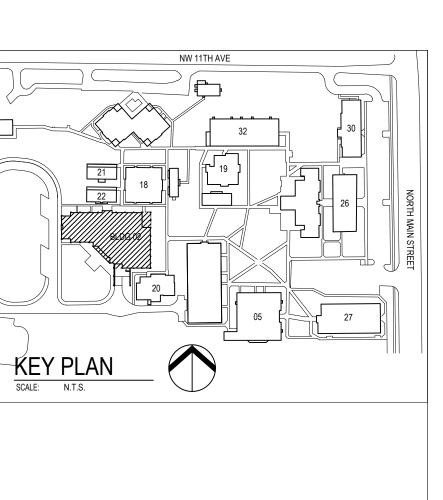






SHEET NUMBER

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DOCUMENTS VIEW SET	MFN	MFN	07/31/2016 12/20/2019	
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^{14.} CONTRACTOR TO SUBMIT MEANS AND METHODS FOR PLACING THE SLABS IN ALL AREAS WITH DRAINS PRIOR TO CONSTRUCTION.

Aniel Martinez

From:	Mario Nunez <mnunez@jra-arch.net></mnunez@jra-arch.net>
Sent:	Thursday, July 1, 2021 4:58 PM
То:	Jason Gowland; Terry Frey; Jenni Bennett
Cc:	Todd Hinkle; Aniel Martinez; Monrad Thue; Anant Jain; Jason Burchfield; Chuck Crosier; David Vincent
Subject:	Re: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Categories: CONDITIONS/OPERATIONS, CHANGE ORDERS

OK, Thaks. Aniel & Terry, please proceed with lime rock. Mario.

Get Outlook for iOS

From: Jason Gowland <JGowland@gseengineering.com>

Sent: Thursday, July 1, 2021 4:50:47 PM

To: Mario Nunez <mnunez@jra-arch.net>; Terry Frey <Terry.Frey@CPPI.com>; Jenni Bennett <Jenni.Bennett@CPPI.com>

Cc: Todd Hinkle <thinkle@jra-arch.net>; Aniel Martinez <Aniel.Martinez@CPPI.com>; Monrad Thue <MThue@gseengineering.com>; Anant Jain

<AJain@gseengineering.com>; Jason Burchfield<JBurchfield@gseengineering.com>; Chuck Crosier<Chuck.Crosier@CPPI.com>; David Vincent <dvincent@jraarch.net>

Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

I believe it is a workability issue. They can take out the "unsuitable" clay-rich materials. But when they try replacing them with clayey sands and it rains, they are just gonna not get density and have to remove and replace again and again. The limerock will be easier to place and compact. But that is means and methods, time and money.

From: Mario Nunez [mailto:mnunez@jra-arch.net]

Sent: Thursday, July 1, 2021 4:45 PM

To: Terry Frey <Terry.Frey@CPPI.com>; Jason Gowland <JGowland@gseengineering.com>; Jenni Bennett <Jenni.Bennett@CPPI.com>

Cc: Todd Hinkle <thinkle@jra-arch.net>; Aniel Martinez <Aniel.Martinez@CPPI.com>; Monrad Thue <MThue@gseengineering.com>; Anant Jain

<AJain@gseengineering.com>; Jason Burchfield<JBurchfield@gseengineering.com>; Chuck Crosier<Chuck.Crosier@CPPI.com>; David Vincent <dvincent@jraarch.net>

Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Jason,

I don't know if Lime Rock is more expensive or not, but Page 5-2 of Geotech reports seems to give alternatives options for fill. Where is your recommendation for this type situation if page 5-2?

Thanks for clarifying, Mario.

From: Terry Frey <Terry.Frey@CPPI.com>
Sent: Thursday, July 1, 2021 2:21 PM
To: Jason Gowland <JGowland@gseengineering.com>; Mario Nunez <mnunez@jra-arch.net>; Jenni Bennett <Jenni.Bennett@CPPI.com>
Cc: Todd Hinkle <thinkle@jra-arch.net>; Aniel Martinez <Aniel.Martinez@CPPI.com>; Monrad Thue <MThue@gseengineering.com>; Anant Jain
<AJain@gseengineering.com>; Jason Burchfield <JBurchfield@gseengineering.com>; Chuck Crosier <Chuck.Crosier@CPPI.com>
Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

We will go with the lime rock again then.

Thank You.



Terry Frey, LEED AP BD+C, OSHA 30

Senior Superintendent CHARLES PERRY PARTNERS, INC. GENERAL CONTRACTOR | CONSTRUCTION MANAGER | DESIGN-BUILD

M (352) 359-9085

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From: Jason Gowland <JGowland@gseengineering.com>
Sent: Thursday, July 1, 2021 2:13 PM
To: Terry Frey <Terry.Frey@CPPI.com>; Mario Nunez <mnunez@jra-arch.net>; Jenni Bennett <Jenni.Bennett@CPPI.com>
Cc: Todd Hinkle <thinkle@jra-arch.net>; Aniel Martinez <Aniel.Martinez@CPPI.com>; Monrad Thue@gseengineering.com>; Anant Jain

<<u>AJain@gseengineering.com</u>>; Jason Burchfield <<u>JBurchfield@gseengineering.com</u>>; Chuck Crosier <<u>Chuck.Crosier@CPPI.com</u>> **Subject:** RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

I don't think that is what we recommended in our geotechnical report.

From: Terry Frey [mailto:Terry.Frey@CPPI.com]
Sent: Thursday, July 1, 2021 2:10 PM
To: Jason Gowland <<u>JGowland@gseengineering.com</u>>; Mario Nunez <<u>mnunez@jra-arch.net</u>>; Jenni Bennett <<u>Jenni.Bennett@CPPI.com</u>>
Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Monrad Thue <<u>MThue@gseengineering.com</u>>; Anant Jain
<<u>AJain@gseengineering.com</u>>; Jason Burchfield <<u>JBurchfield@gseengineering.com</u>>; Chuck Crosier <<u>Chuck.Crosier@CPPI.com</u>>
Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Our plan is to over excavate 2', similar to the exterior walls, and install clean compacted archer fill. If you feel that is not acceptable, please let me know.

Thank You.



Terry Frey, LEED AP BD+C, OSHA 30 Senior Superintendent CHARLES PERRY PARTNERS, INC. GENERAL CONTRACTOR | CONSTRUCTION MANAGER | DESIGN-BUILD

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From: Jason Gowland <<u>JGowland@gseengineering.com</u>>

Sent: Thursday, July 1, 2021 1:48 PM

To: Mario Nunez <<u>mnunez@jra-arch.net</u>>; Terry Frey <<u>Terry.Frey@CPPI.com</u>>; Jenni Bennett <<u>Jenni.Bennett@CPPI.com</u>>

Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Monrad Thue <<u>MThue@gseengineering.com</u>>; Anant Jain

<<u>AJain@gseengineering.com</u>>; Jason Burchfield <<u>JBurchfield@gseengineering.com</u>>; Chuck Crosier <<u>Chuck.Crosier@CPPI.com</u>>

Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

If it is unsuitable we recommend over-excavating and replacement.....Let us know if you need anything else.

Jason

 From: Mario Nunez [mailto:mnunez@jra-arch.net]

 Sent: Thursday, July 1, 2021 1:44 PM

 To: Terry Frey <Terry.Frey@CPPI.com>; Jason Gowland <JGowland@gseengineering.com>; Jenni Bennett <Jenni.Bennett@CPPI.com>

 Cc: Todd Hinkle <thinkle@jra-arch.net>; Aniel Martinez <Aniel.Martinez@CPPI.com>; Monrad Thue <MThue@gseengineering.com>; Anant Jain

 <AJain@gseengineering.com>; Jason Burchfield <JBurchfield@gseengineering.com>; Chuck Crosier <Chuck.Crosier@CPPI.com>

 Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Thanks.

From: Terry Frey <<u>Terry.Frey@CPPI.com</u>>
Sent: Thursday, July 1, 2021 1:40 PM
To: Jason Gowland <<u>JGowland@gseengineering.com</u>>; Mario Nunez <<u>mnunez@jra-arch.net</u>>; Jenni Bennett <<u>Jenni.Bennett@CPPI.com</u>>
Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Monrad Thue <<u>MThue@gseengineering.com</u>>; Anant Jain
<<u>AJain@gseengineering.com</u>>; Jason Burchfield <<u>JBurchfield@gseengineering.com</u>>; Chuck Crosier <<u>Chuck.Crosier@CPPI.com</u>>
Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Geotech will be here tomorrow and can confirm the unsuitablility.

Thank You.



Terry Frey, LEED AP BD+C, OSHA 30

Senior Superintendent CHARLES PERRY PARTNERS, INC. GENERAL CONTRACTOR | CONSTRUCTION MANAGER | DESIGN-BUILD

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From: Jason Gowland <<u>JGowland@gseengineering.com</u>>
Sent: Thursday, July 1, 2021 1:11 PM
To: Mario Nunez <<u>mnunez@jra-arch.net</u>>; Jenni Bennett <<u>Jenni.Bennett@CPPI.com</u>>
Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Terry Frey <<u>Terry.Frey@CPPI.com</u>>; Monrad Thue
<<u>MThue@gseengineering.com</u>>; Anant Jain <<u>AJain@gseengineering.com</u>>; Jason Burchfield<<u>JBurchfield@gseengineering.com</u>>
Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

We can come out and get a sample to test, but isn't Geotech your site work testing company?

 From: Mario Nunez [mailto:mnunez@jra-arch.net]

 Sent: Thursday, July 1, 2021 12:40 PM

 To: Jenni Bennett <<u>Jenni.Bennett@CPPI.com</u>>

 Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Terry Frey <<u>Terry.Frey@CPPI.com</u>>; Monrad Thue

 <<u>MThue@gseengineering.com</u>>; Jason Gowland <<u>JGowland@gseengineering.com</u>>; Anant Jain <<u>AJain@gseengineering.com</u>>;

 Subject: RE: Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Jenni, I'll do my best.

Looks like a muddy mess... has geotech verified clay content / unsuitability?

I am concerned that clay would stop conveniently right at the building wall. Was there any undercut at the east-west exterior wall along the cooler/freezer?

Thanks, Mario.

From: Jenni Bennett < Jenni.Bennett@CPPI.com>

Sent: Thursday, July 1, 2021 11:49 AM

To: Mario Nunez <<u>mnunez@jra-arch.net</u>>

Cc: Todd Hinkle <<u>thinkle@jra-arch.net</u>>; Aniel Martinez <<u>Aniel.Martinez@CPPI.com</u>>; Terry Frey <<u>Terry.Frey@CPPI.com</u>> **Subject:** Trenton High School Cafetorium RFI 89 Undercutting at Kitchen Receiving Screen Wall

Hi Mario,

I issued RFI 89 in BIM a few minutes ago. Whatever you can do to have this answered quickly, is greatly appreciated. It is attached for your convenience. Thank you!



Jenni Bennett Project Engineer CHARLES PERRY PARTNERS, INC. GENERAL CONTRACTOR | CONSTRUCTION MANAGER | DESIGN-BUILD

○ (352) 333-9292 EXT: 543 | M (352) 359-7594 | F (352) 333-9293

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P.O. Box 1559 Newberry, FL 32669 (352) 472-4550

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Thank You



construction management I design build I general contracting

July 9, 2021

Gilchrist County School District 310 NW 11th Ave Trenton, FL 32693

Attn: David Spencer

RE: Change Order Proposal No. 18 – Admin Bldg FA Trenton High School Cafetorium

Dear David,

Attached is our Change Order Proposal (COP) in accordance with qualifications/clarifications listed below.

Our COP for removing this work from our scope is <u>One Thousand Nine Hundred Ninety-Three and 44/100 Dollars</u> (\$1,993.44)

Clarifications:

- 1. Includes deduct for labor, material and equipment associated with the installation of the Admin building fire alarm panel in accordance with email from Mario Nunez dated July 6, 2021.
- 2. The prices included are guaranteed for 30 calendar days from the date of this cover.
- 3. This Change Order Proposal is inclusive of the items specifically noted above. Any cost items omitted from this COP shall be submitted under a separate cover.

We appreciate the opportunity to provide you with this proposal. Please notify me if you have any questions.

Sincerely,

Charles Perry Partners, Inc.

Aniel Martinez Project Manager

www.cppi.com



pckge	Description	Grand Total Amount
	CHANGE ORDER PROPOSAL 18	
	Admin Building Fire Alarm	
26E	FIRE ALARM	
	Admin Fire Alarm Panel	(1,993.44)

Estimate Totals

Description	Amount	Totals	Rate
subtotal cost of work	(1,993.44)	(1,993.44)	
general liability insurance			
P&P Bond			
profit/overhead			
Subtotal GC Markup		(1,993.44)	
Total		(1,993.44)	



SOUTHERN

SYN-ENERGY TECHNOLOGY

LOW VOLTAGE PROPOSAL

Honeywell





Fire Alarm Deduct

SST-Southern Syn-Energy Technology, a division of CTSI

6554 Chester Park Drive Jacksonville, FL 32222 EF#0000908

To: CPPI RE: FIRE ALARM DEDUCTION Project Name: Trenton High School- <u>ADMIN FACP</u> Date: 7/7/21

Description of Deduction:

 The deduction above is to remove the Administration Building #26 New Fire Alarm Control Panel from the original scope of work. The Notifier and EST Control Panels currently in the Administration will be 'existing to remain'. Connectivity from the New fire lite control panel in the Cafetorium will be limited to the EST capability.

Qnty	Materials	\$Unit	\$Total
1	MS9600UDLS Control Panel	1,686.50	1,686.50
Sub-total N	Materials		\$ 1,686.50
Tax on Mat	terials		\$ 126.94
Total Mate	erials		\$ 1,813.44

Hours	Labor	\$Rate	\$Total
1.5	LT/helper	120.00	\$180.00

TOTAL AMOUNT	OF DEDUCTION:	-\$1,993	.44
		+ • / • • •	

Thanks,

Eric Youmans, Owner NICET1, OSHA30, FF-1, HAZMAT 904-352-0229 c

Aniel Martinez

From:	Mario Nunez <mnunez@jra-arch.net></mnunez@jra-arch.net>
Sent:	Tuesday, July 6, 2021 10:33 PM
То:	Aniel Martinez; David Spencer (spencerd@mygcsd.org)
Cc:	Rick Engle; Terry Frey; eric@sstjax.com; David Vincent; Todd Hinkle
Subject:	16751 – CA/CO - Trenton HS – Fire alarm Shop Dwg Comments Teleconference - Meeting Minutes
Attachments:	1925 - FA Shop Dwg Telecon 2021-06-30.pdf
Categories:	CHANGE ORDERS

David & Aniel,

See attached electrical engineer's meeting notes from the phone conference on June 30th to discuss FA changes. JRA was not on this call, and as far as I know you were not either. Please let me know if the content of these notes accurately summarizes the current plan for the fire alarm system, at new cafetorium building.

The current contracted FA scope of work (OCO #5) includes replacing the existing fire alarm system and components in Building 26 with a Fire Lite by Honeywell to match the new Cafetorium system. Therefore if the we are proceeding per the meeting notes attached, a credit is due for material & labor related to this portion of the work (as I think you mentioned to me on the phone the other day Aniel).



Mario F. Nunez Senior Vice President **ARCHITECTS** Tallahassee | Panama City Office: (850) 878-7891 Mobile: (850) 509-5884



From: Rick Engle <rengle@hgengineers.com>
Sent: Tuesday, July 6, 2021 3:43 PM
To: Mario Nunez <mnunez@jra-arch.net>
Subject: Trenton - Fire alarm Shop Dwg Comments Teleconference - Meeting Minutes

Mario,

Attached is a quick, thrown together, meeting minutes from what I got out of that conference call. Hopefully it has info that you find useful.

Thanks, Rick



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