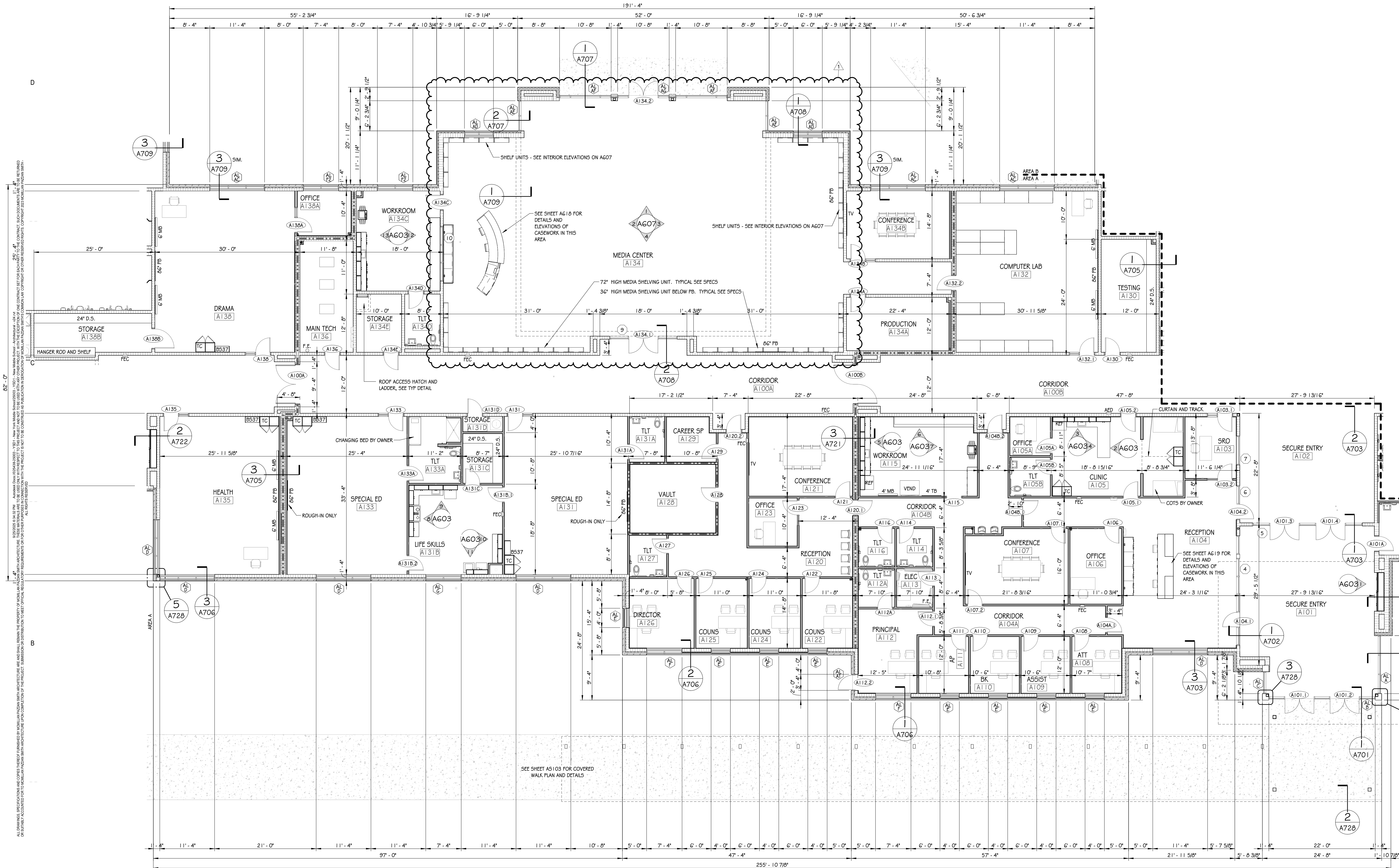
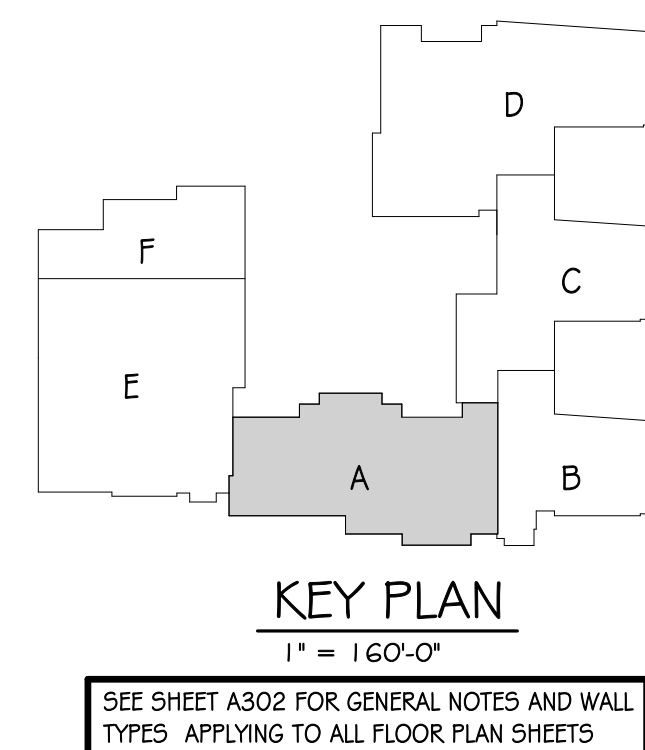




FIRST LEVEL FLOOR PLAN - AREA A
1/8" = 1'-0"



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CONSULTANT LOGO

SEALS

YORK SCHOOL DISTRICT ONE

NEW MIDDLE SCHOOL

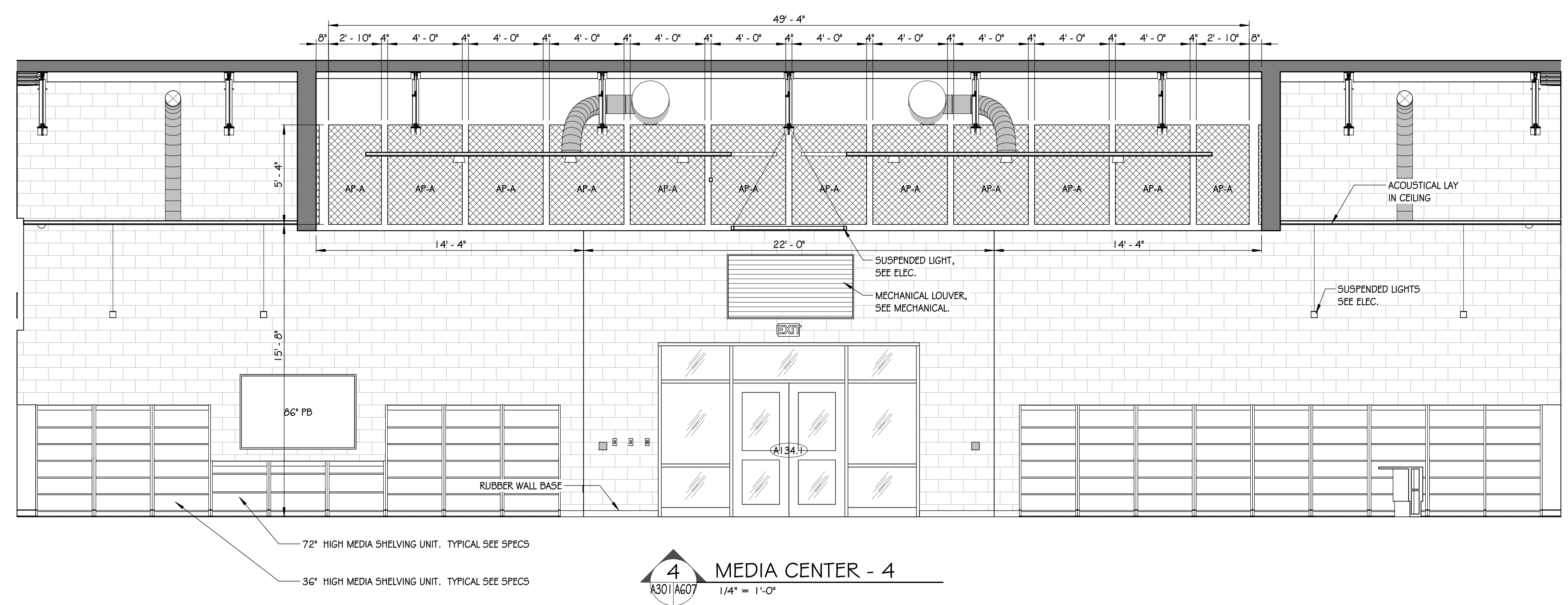
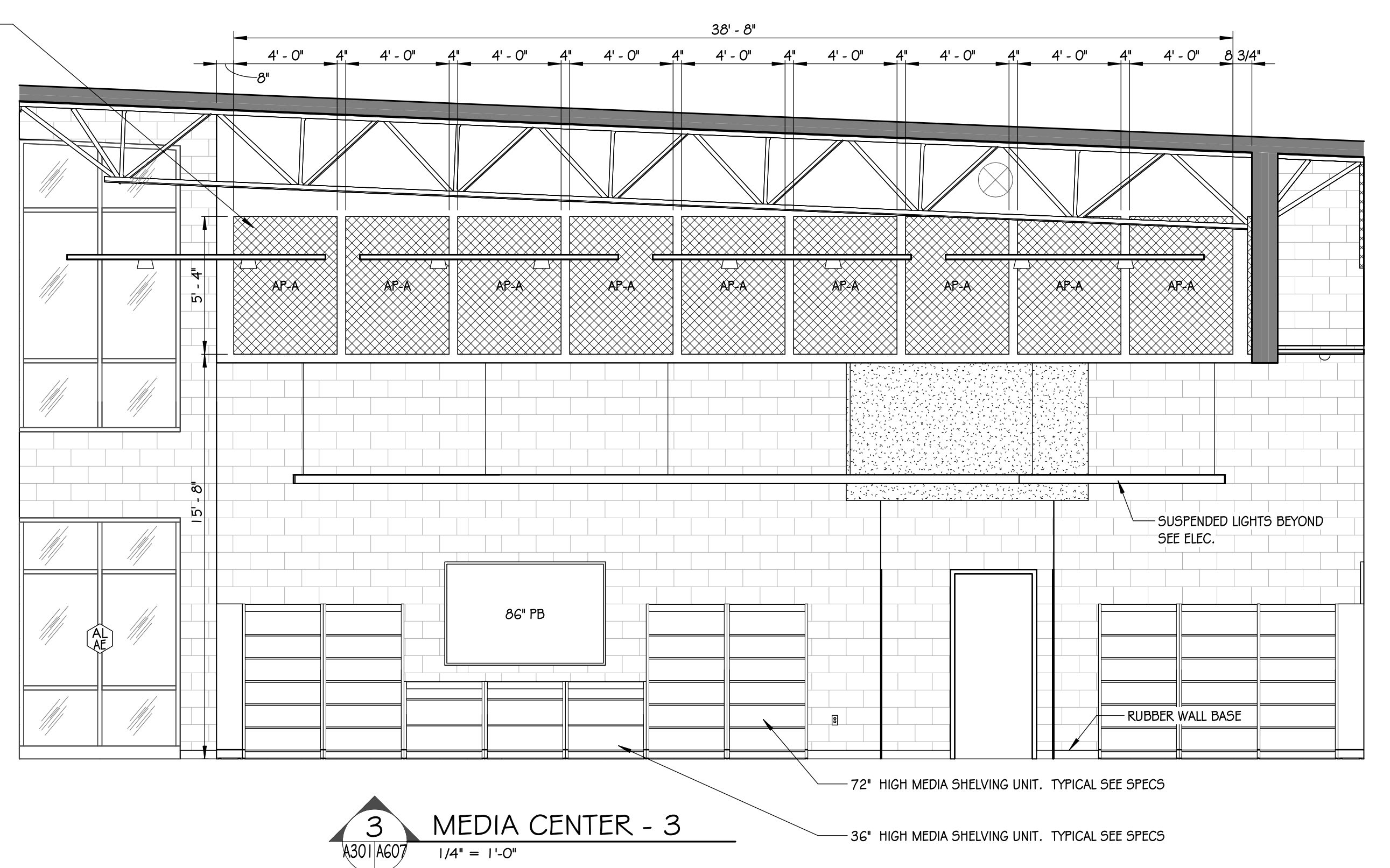
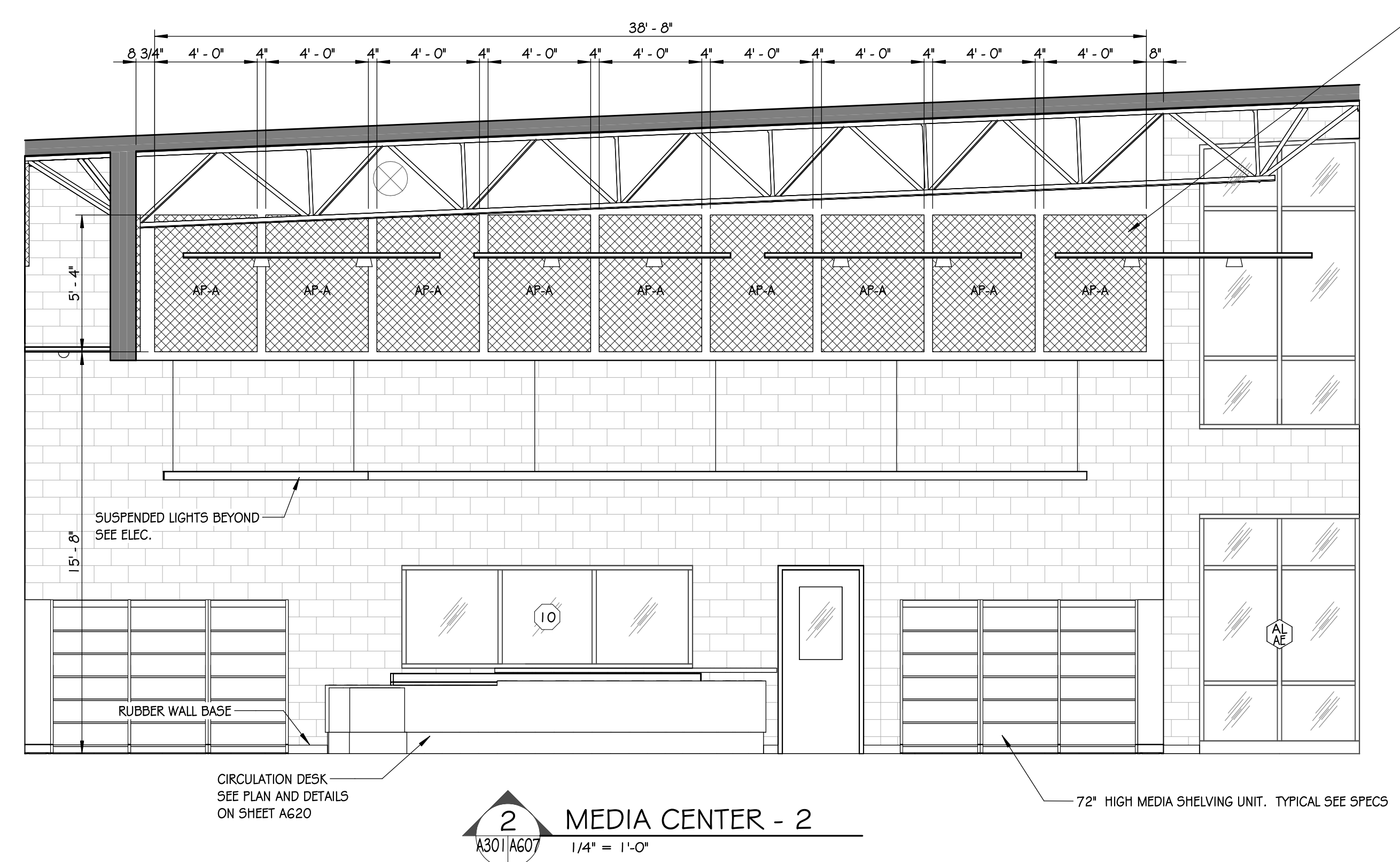
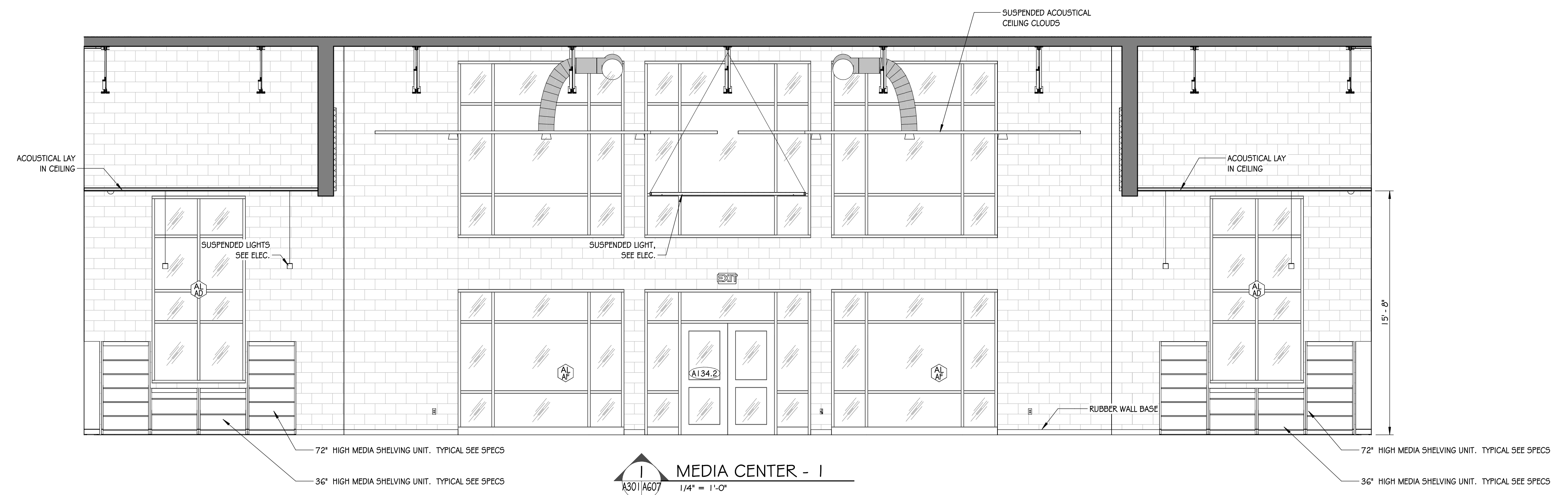
2229 OLD YORK RD, YORK, SC 29745

ISSUE DATE:
PHASE:
SHEET ISSUE:
NO. DATE DESCRIPTION
1 9/25/2025 Addendum #1

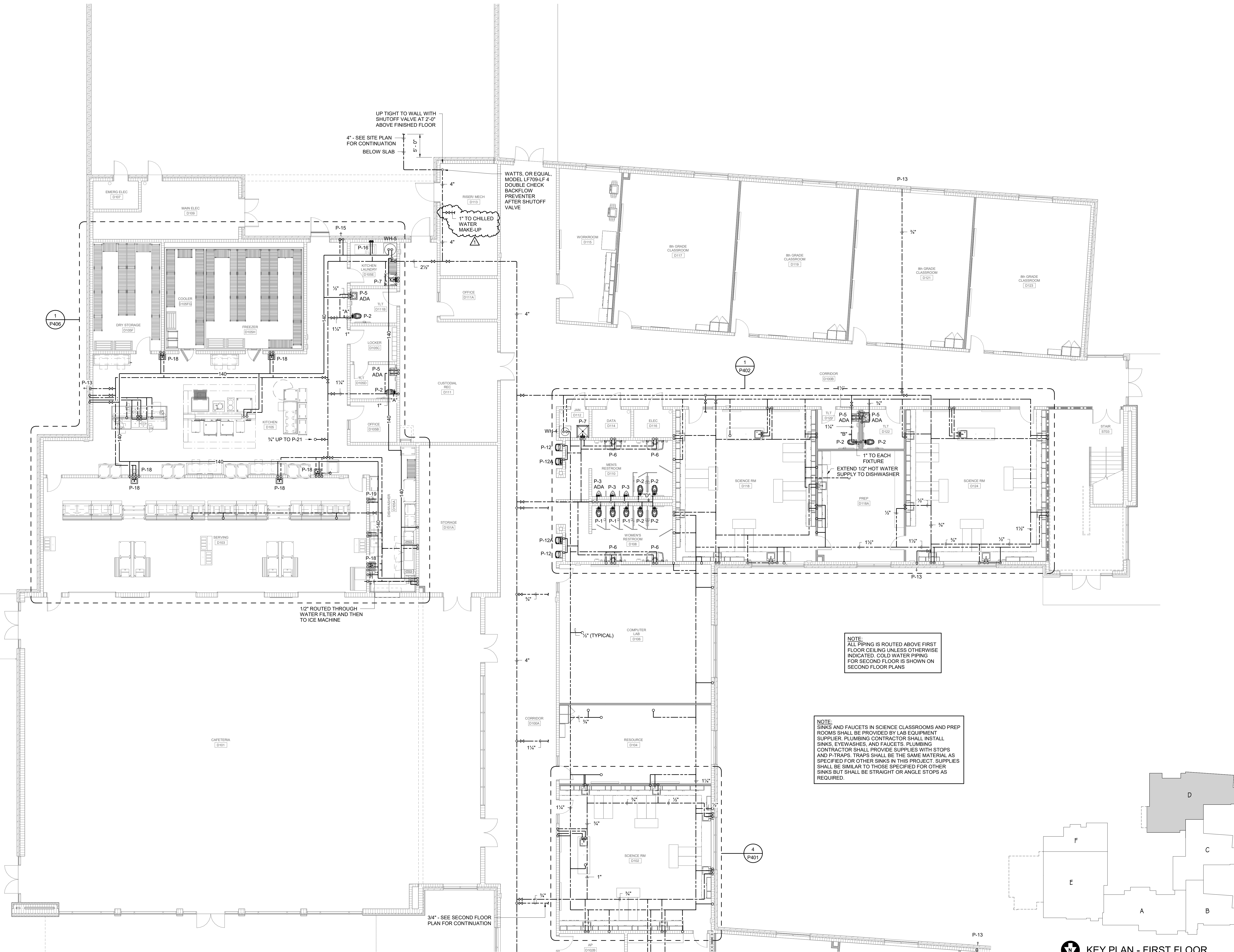
PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:
SHEET TITLE:
MEDIA CENTER
INTERIOR
ELEVATIONS

SHEET NO. PROJ. NO.
025438/25003

A607



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1 FIRST LEVEL FLOOR PLAN - AREA D
P204 1/8" = 1'-0"

KEY PLAN - FIRST FLOOR

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1

CONSULTANT LOGS

NEW MIDDLE SCHOOL

OLD YORK RD, YORK, SC

NO.	DATE	DESCRIPTION
1	09/25/25	ADDENDUM 1

SHEET NO. PROJ. NO.
25003

E-007

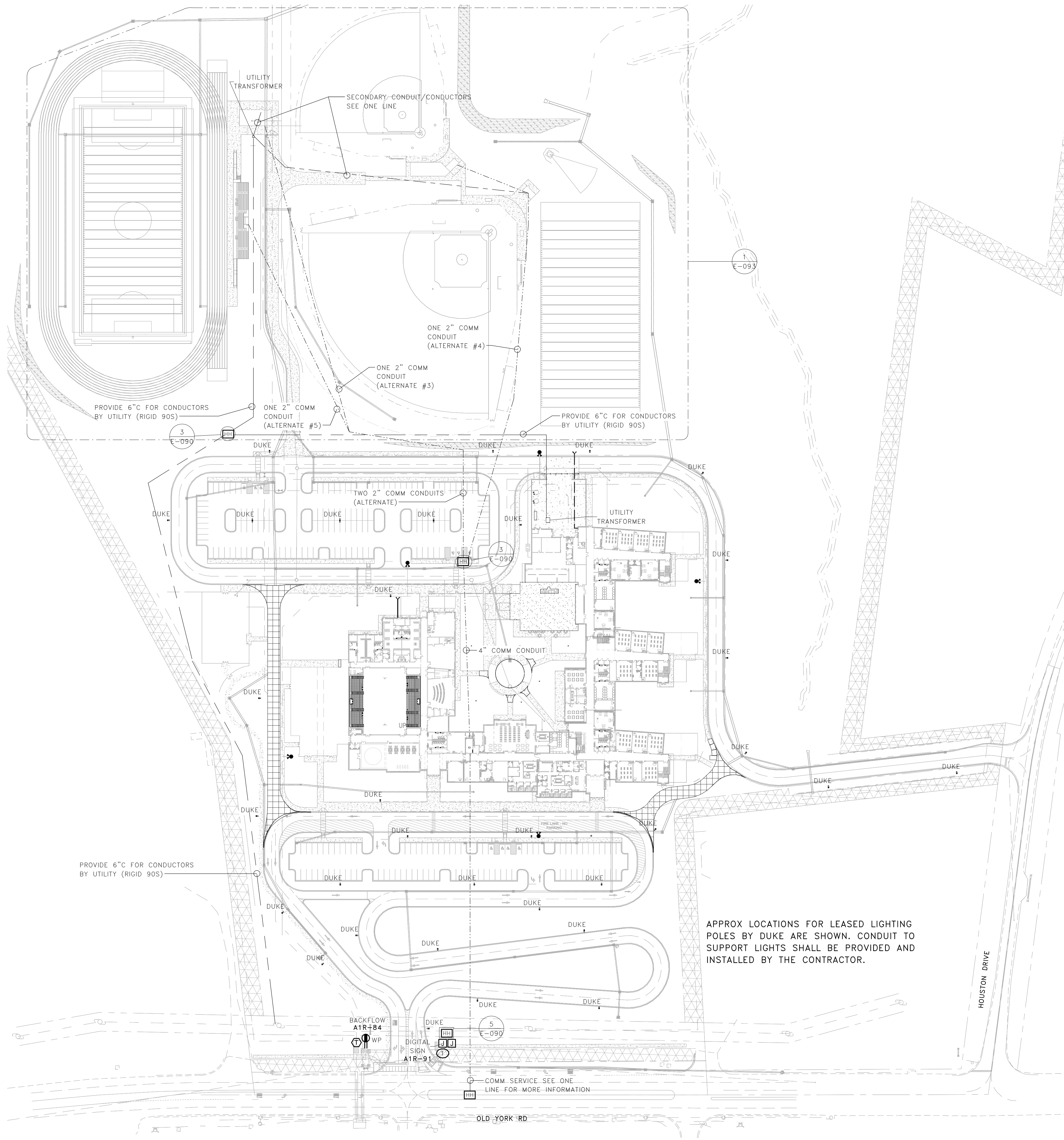
D

C

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A

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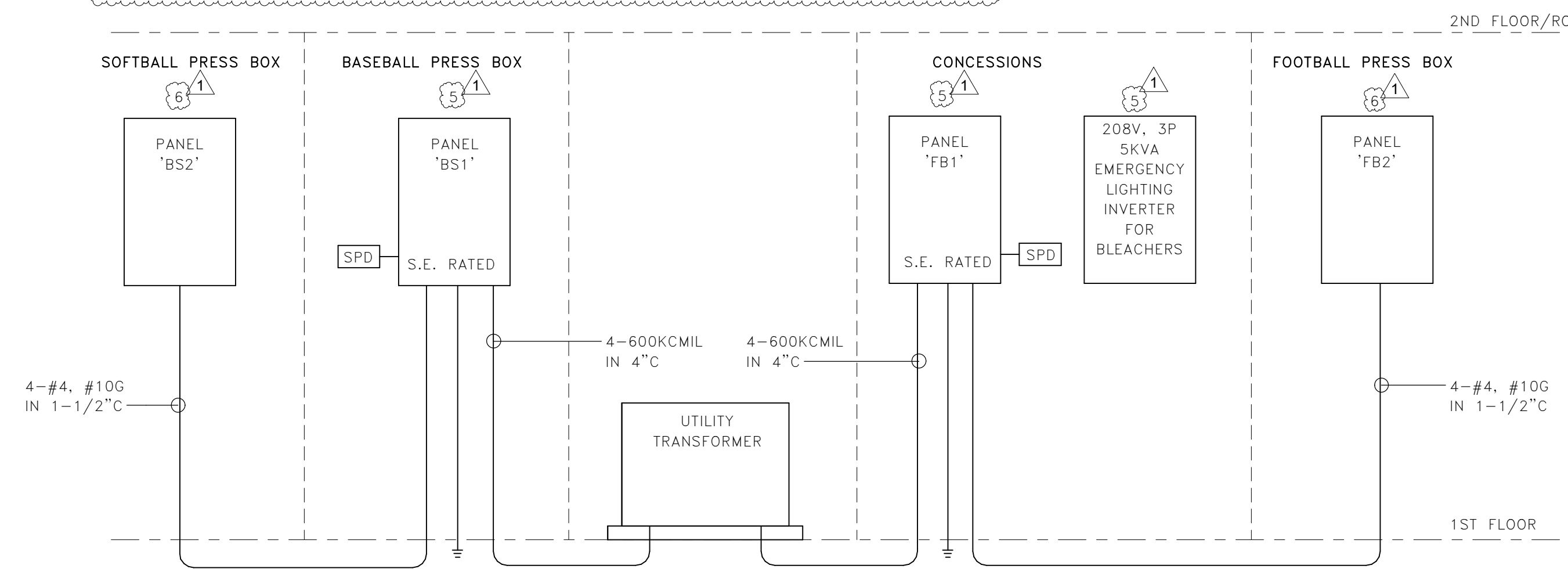
1 OVERALL ELECTRICAL SITE PLAN
SCALE: 1" = 80'-0"

AVAILABLE FAULT CURRENT FOOTBALL
BASED ON A 150 KVA, 2 1/2% UTILITY TRANSFORMER THE MAXIMUM FAULT CURRENT AVAILABLE AT THE SERVICE ENTRANCE DISCONNECT IS CALCULATED TO BE 18,728 AMPS. LABEL THE SERVICE ENTRANCE DISCONNECT WITH THIS MAXIMUM FAULT CURRENT AND THE DATE OF INSTALLATION. CONTACT ENGINEER 2 WEEKS PRIOR TO SUBSTANTIAL COMPLETION TO CONFIRM THE AVAILABLE FAULT CURRENT PRIOR TO LABELING EQUIPMENT.

AVAILABLE FAULT CURRENT BASEBALL
BASED ON A 150 KVA, 2 1/2% UTILITY TRANSFORMER THE MAXIMUM FAULT CURRENT AVAILABLE AT THE SERVICE ENTRANCE DISCONNECT IS CALCULATED TO BE 6,194 AMPS. LABEL THE SERVICE ENTRANCE DISCONNECT WITH THIS MAXIMUM FAULT CURRENT AND THE DATE OF INSTALLATION. CONTACT ENGINEER 2 WEEKS PRIOR TO SUBSTANTIAL COMPLETION TO CONFIRM THE AVAILABLE FAULT CURRENT PRIOR TO LABELING EQUIPMENT.

ELECTRICAL SERVICE NOTES:

- CONTRACTOR SHALL COORDINATE INSTALLATION OF METER ON BUILDING WITH UTILITY COMPANY. CONTRACTOR SHALL INSTALL PER REQUIREMENTS OF UTILITY COMPANY.
- CONTRACTOR SHALL PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS TO MAKE UTILITY CONNECTION IN ACCORDANCE WITH UTILITY COMPANY'S REQUIREMENTS.
- SERVICE DISCONNECTS SHALL BE PROPERLY LABELED IN ACCORDANCE WITH UTILITY REQUIREMENTS.
- DUKE ENERGY CONTACT: BRANDON BLANTON 803.992.6140
- IF ALTERNATE FOR ASSOCIATED BUILDING IS NOT ACCEPTED, CONTRACTOR SHALL PROVIDE UNISTRUT RACK TO SUPPORT PANEL, INVERTER, AND ASSOCIATED SPORTS LIGHTING CONTROLLERS.
- PANEL AND ASSOCIATED FEEDERS SHALL BE REMOVED FROM SCOPE IF ALTERNATE FOR ASSOCIATED BUILDING IS NOT ACCEPTED.



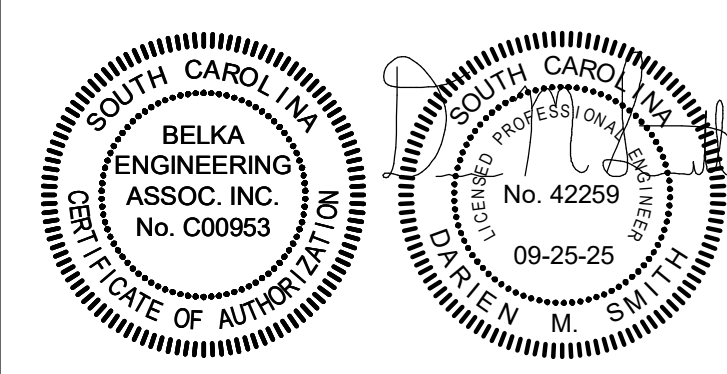
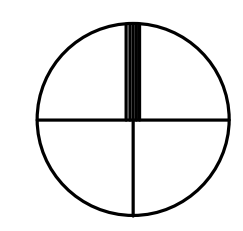
4 ATHLETIC BUILDINGS ONE-LINE DIAGRAM - ALTERNATES
NOT TO SCALE



CONSIDERABLE EFFORT HAS BEEN MADE TO DETERMINE THE EXTENT OF UNDERGROUND UTILITIES. SOME LOCATIONS ARE ACTUAL FIELD MEASUREMENTS AND SOME ARE TAKEN FROM UTILITY RECORDS. THIS PLAN DOES NOT WARRANT THAT UTILITIES ARE SHOWN ACCURATELY NOR THAT ALL UTILITIES ARE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING DIGGING OPERATIONS. CALL PALMETTO UTILITIES LOCATION SERVICE AT 811 A MINIMUM OF 3 WORKING DAYS BEFORE DIGGING. ANY UTILITIES DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. ADDITIONALLY, THE CONTRACTOR SHALL CONFIRM THE CONNECTION POINTS OF NEW UTILITIES TO EXISTING UTILITIES PRIOR TO BEGINNING NEW CONSTRUCTION.



PLAN NORTH



YORK 1 COUNTY SCHOOL DISTRICT

NEW MIDDLE SCHOOL

OLD YORK RD, YORK, SC

ISSUE DATE: 09.05.2025
PHASE: BD DOCUMENTS
SHEET ISSUE:
NO. DATE DESCRIPTION
1 09/25/25 ADDENDUM 1

PRINCIPAL IN CHARGE: DMS
DRAWN BY: SIC

OVERALL ELECTRICAL SITE PLAN

SHEET NO. PROJ. NO. 25003

E-091

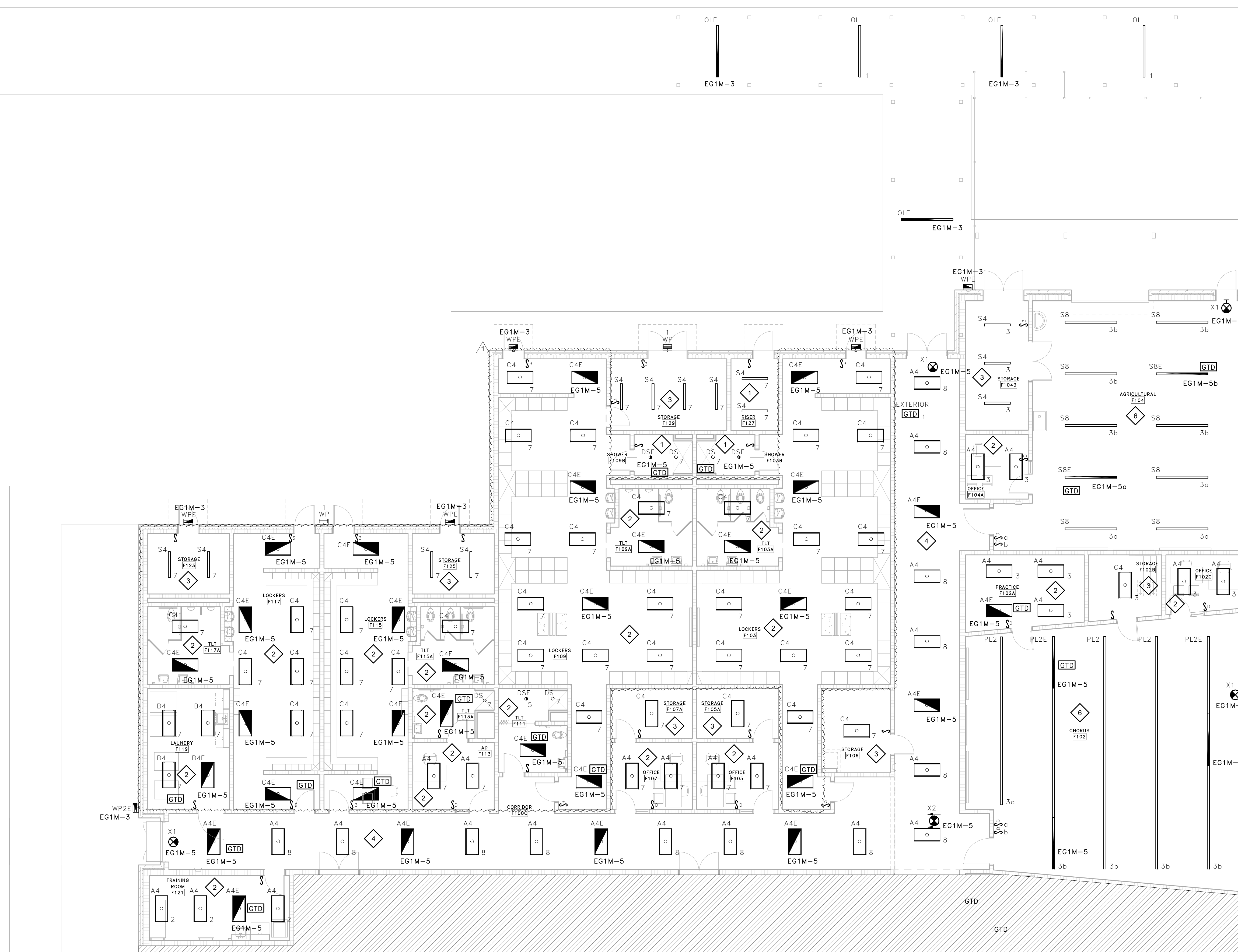
OLD YORK RD, YORK, SC

ISSUE DATE:		09.05.2025
PHASE:		BID DOCUMENTS
SHEET ISSUE:		
NO.	DATE	DESCRIPTION
1	09/25/25	ADDENDUM 1

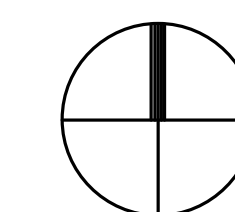
PRINCIPAL IN CHARGE: _____ DMS
DRAWN BY: _____ SIC
SHEET TITLE:
**AREA F LEVEL 01
LIGHTING PLAN**
SHEET NO. _____ PROJ. NO. _____
25003

E-101F

1 PROVIDE ONE GENERATOR TRANSFER DEVICE PER SWITCHLEG.
2 BRANCH CIRCUITS SHOWN ARE FED FROM PANEL 'G1L' UNLESS
NOTED OTHERWISE.
3 EXTERIOR CONTROLS SHALL BE CONTROLLED VIA COMBINATION
PHOTOCELL AND TIMECLOCK UNLESS NOTED OTHERWISE.



KEY PLAN - FIRST FLOOR - AREA F
1" = 100'-0"



PLAN
NORTH

1 FIRST FLOOR LIGHTING PLAN - AREA F
E-101F SCALE: 1/8" = 1'-0"

OLD YORK RD, YORK, SC

SHEET ISSUE:		
NO.	DATE	DESCRIPTION
1	09/25/25	ADDENDUM 1

E-401E

1 FAN SHALL BE CONTROLLED VIA THERMOSTAT FURNISHED BY MECHANICAL
WIRED AND INSTALLED BY ELECTRICAL.



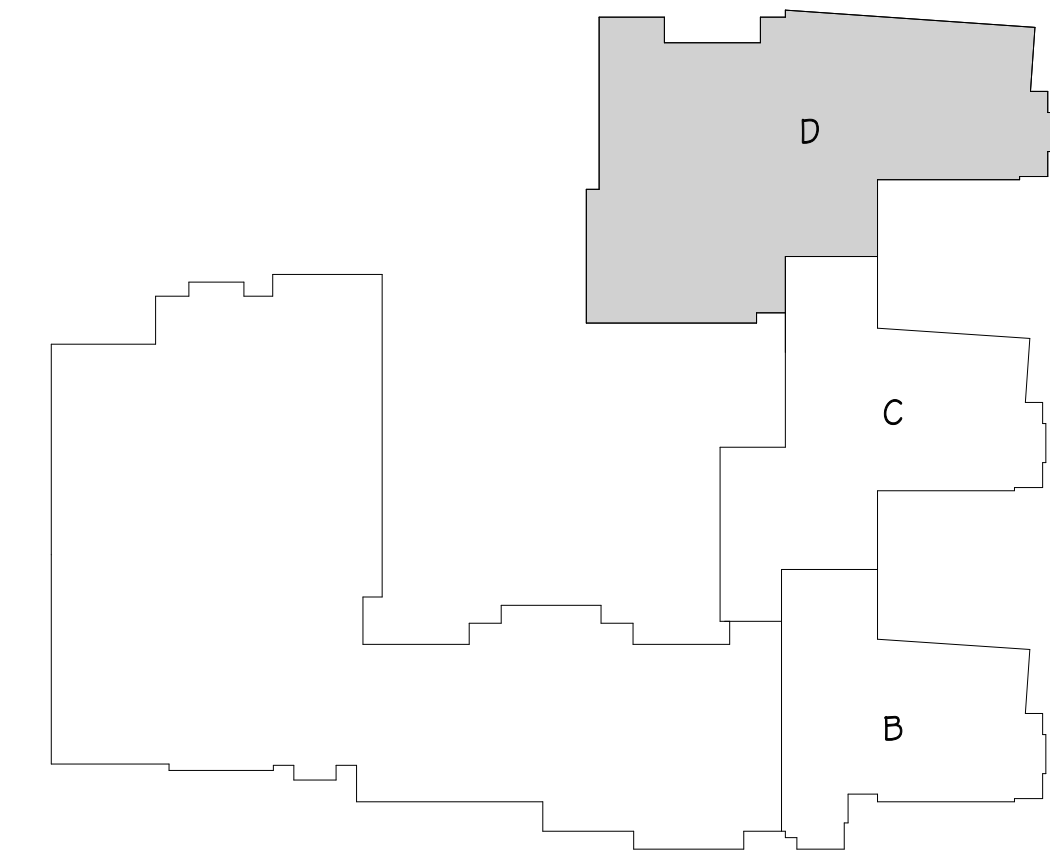
0 8'-0" 16'-0" 24'-0" 32'-0"
SCALE: 1/8" = 1' - 0"

1 FIRST FLOOR MECHANICAL PLAN - AREA E
E-4012 SCALE: 1/8" = 1'-0"

9/23/2026 22:02 AM
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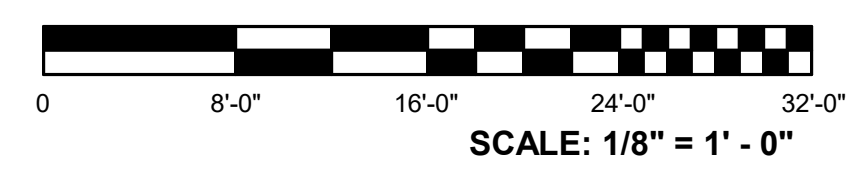
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D
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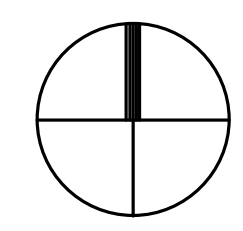
KEY PLAN - SECOND FLOOR - AREA D
1" = 100'-0"

1 SECOND FLOOR MECHANICAL PLAN — AREA D
E-402D SCALE: 1/8" = 1'-0"



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

PLAN
NORTH



KEY NOTES

- 1 FAN SHALL BE CONTROLLED VIA THERMOSTAT FURNISHED BY MECHANICAL WIRED AND INSTALLED BY ELECTRICAL.
- 2 FAN SHALL BE INTERLOCKED WITH HVAC CONTROLS.
- 3 FAN SHALL BE INTERLOCKED WITH DISHWASHER.



CONSULTANT LOGO

BELKA
ENGINEERING ASSOCIATES
2510A PLATT SPRINGS RD | WEST COLUMBIA, SC
(803) 731-0650 Office | (513) 315-6031 Cell
CONTACT: DARREN SMITH
DSMITH@BEA-Consulting.com

JC2502

SEALS

Professional Engineer Seal for Darren Smith, State of South Carolina, License No. 42269, dated 09-25-25.

YORK 1 COUNTY SCHOOL DISTRICT

NEW MIDDLE SCHOOL

OLD YORK RD, YORK, SC

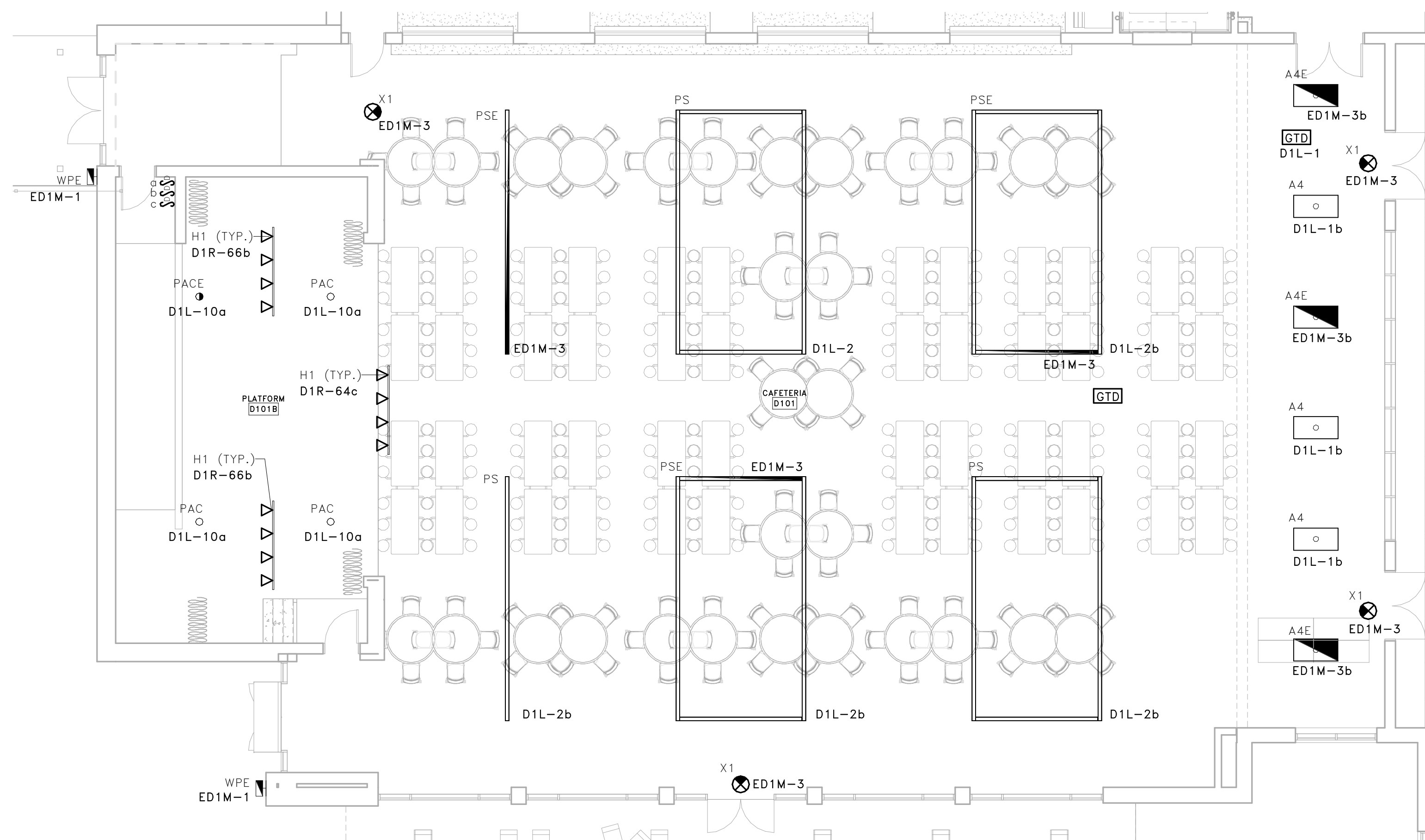
ISSUE DATE:		09.05.2025
PHASE:		BD DOCUMENTS
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NO.	DATE	DESCRIPTION
1	09/25/25	ADDENDUM 1

PRINCIPAL IN CHARGE: DMS
DRAWN BY: SIC

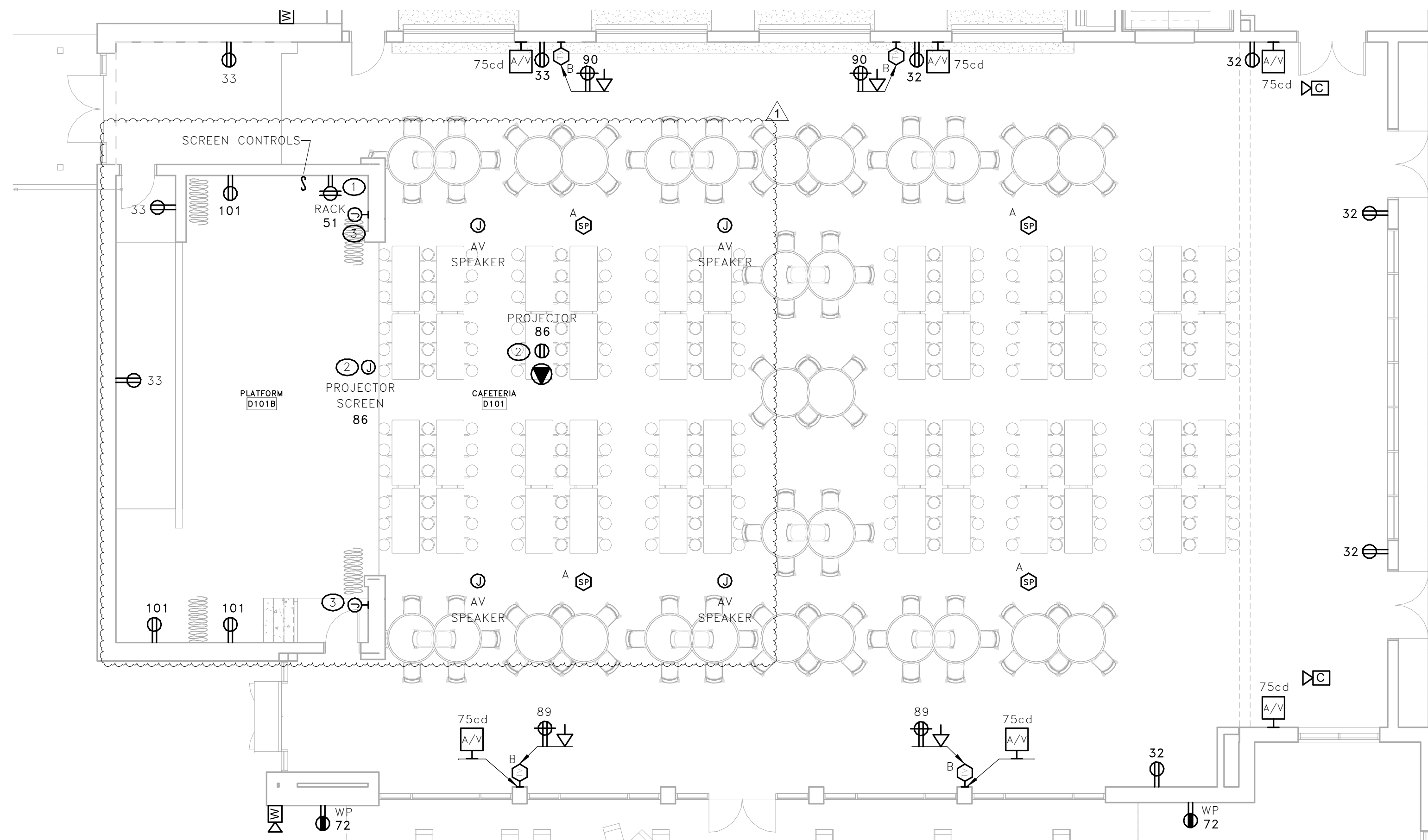
SHEET TITLE:
**AREA D LEVEL 02
MECHANICAL PLAN**

SHEET NO. PROJ. NO.
25003

E-402D



1 CAFETERIA STAGE LIGHTING PLAN - ALTERNATE #1
E-501 SCALE: 1/8" = 1'-0"



2 CAFETERIA STAGE POWER & SYSTEMS PLAN - ALTERNATE #1
E-501 SCALE: 1/8" = 1'-0"

KEY NOTES

- 1 PROVIDE 2" C FROM RACK UP TO STRUCTURAL STEEL FOR SPEAKER CABLEING.
- 2 PROVIDE 1" C FROM RACK TO PROJECTOR SCREEN AND 1" C FROM SCREEN TO PROJECTOR.
- 3 PROVIDE 1" CONDUIT FROM RACK TO 8" J-BOX AT 18" AFF.

GENERAL NOTES

- 1 CIRCUITS SHOWN ON THE POWER & SYSTEMS PLAN ARE FED FROM
PANEL 'D1R' UNLESS NOTED OTHERWISE.



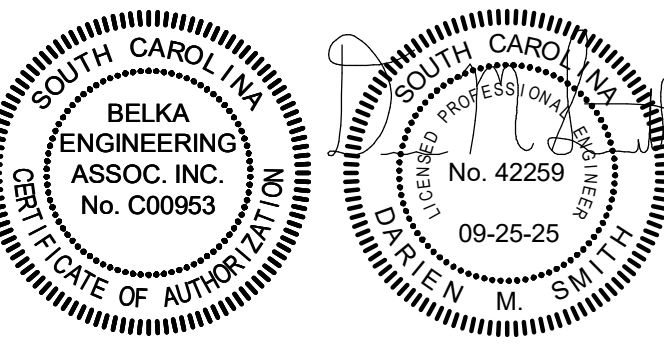
CONSULTANT LOGS

JC22502

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DSMITH@BEA-Consulting.com



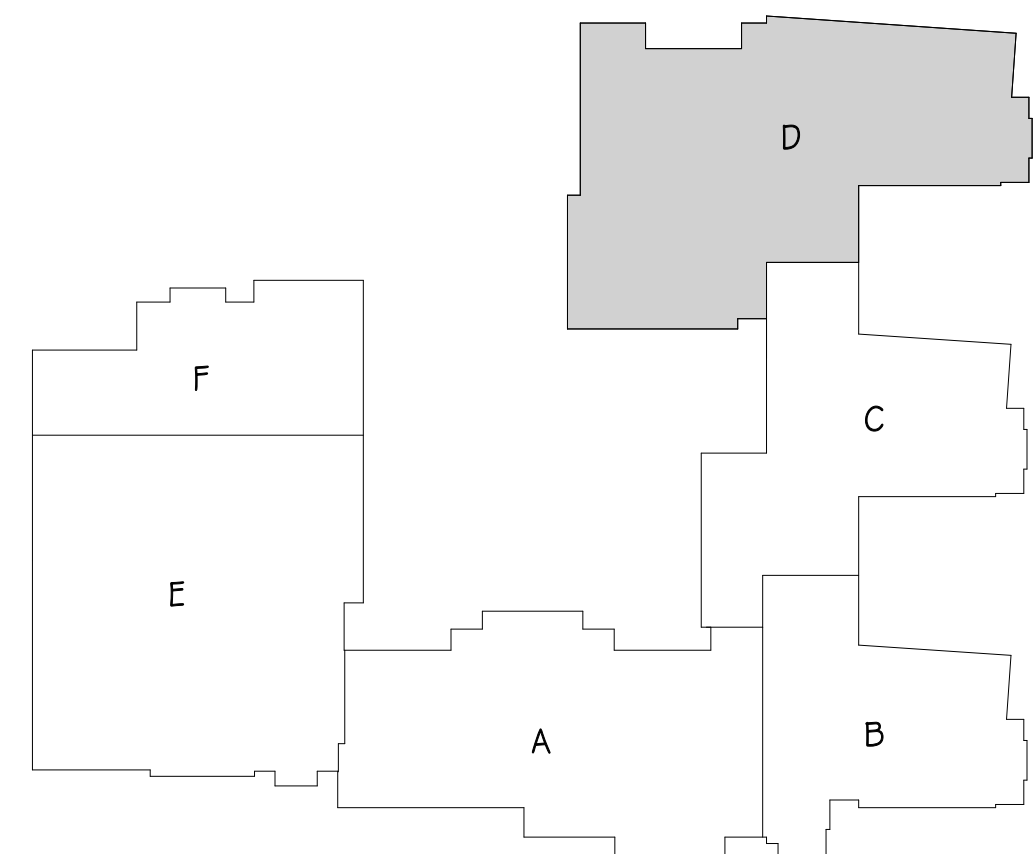
YORK 1 COUNTY SCHOOL DISTRICT

NEW MIDDLE SCHOOL

OLD YORK RD, YORK, SC

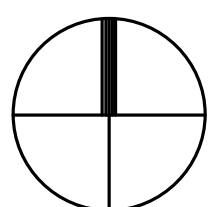
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PHASE: BID DOCUMENTS

SHEET ISSUE:		
NO.	DATE	DESCRIPTION
1	09/25/25	ADDENDUM 1



KEY PLAN - FIRST FLOOR - AREA D
NOT TO SCALE

PLAN
NORTH



PRINCIPAL IN CHARGE: DMS
DRAWN BY: SIC

SHEET TITLE:
ENLARGED
CAFETERIA STAGE
PLANS - ALTERNATE
#1

E-501

SWITCHBOARD: MSB		VOLTS: 480/277 Wye			A.I.C. RATING: 100000	
SUPPLY FROM: UTILITY		PHASES: 3			MAINS TYPE: MCB	
100% S.E. RATED BREAKER		WIRES: 4			MAINS RATING: 4000 A	
		ENCLOSURE: TYPE 1			MCB RATING: 4000 A	
CKT	DESCRIPTION	POLES	FRAME	TRIP	Load	COMMENTS
1	CHWP-1	3	200 A	200 A	103.09	3-#3/0, #6G IN 2" C
2	CHWP-2	3	200 A	200 A	103.09	3-#3/0, #6G IN 2" C
3	CHILLER CH-1	3	600 A	600 A	376.61	TWO SETS: 3-350KCMIL, #1G EACH IN 3" C
4	CHILLER CH-2	3	600 A	600 A	376.61	TWO SETS: 3-350KCMIL, #1G EACH IN 3" C
5	PANEL "A1M"	3	600 A	600 A	357.44	
6	PANEL "A1L"	3	100 A	100 A	9.53	
7	PANEL "B1M"	3	400 A	400 A	121.57	
8	PANEL "B1L"	3	100 A	100 A	9.35	
9	PANEL "C1M"	3	400 A	400 A	164.49	
10	PANEL "C1L"	3	100 A	100 A	11.56	
11	PANEL "D1M"	3	400 A	400 A	202.75	
12	PANEL "D1L"	3	100 A	100 A	16.10	
13	PANEL "KD"	3	800 A	800 A	483.57	
14	PANEL "GMA"	3	600 A	600 A	315.54	
15	PANEL "G1L"	3	100 A	100 A	24.70	
16	PANEL "B2M"	3	400 A	400 A	244.18	
17	PANEL "C2M"	3	600 A	600 A	287.00	
18	ATS-S	3	225 A	225 A	24.19	
19	PANEL "D2M"	3	800 A	800 A	406.53	
20	ATS-E	3	150 A	150 A	25.55	
21	PANEL "AUM"	3	400 A	400 A	169.61	
22	PANEL "AUL"	3	100 A	100 A	4.33	
23	PANEL "GMB"	3	600 A	600 A	374.01	
24	SPARE	1	400 A	400 A	0.00	
25	SPARE	1	100 A	100 A	0.00	
TOTAL CONNECTED KVA:					4211.39	
TOTAL CONNECTED AMPACITY:					5066	
LOAD TYPE		CONNECTED KVA		SWITCHBOARD TOTALS:		
LIGHTING:		89.14		TOTAL CONNECTED KVA: 4211.39		
RECEPTACLES:						
HVAC:		3492.90		TOTAL CONNECTED CURRENT: 5066		
MOTORS:						
KITCHEN:		16.22		SWITCHBOARD CAPACITY %: 127		
OTHERS:		193.96				

DEMAND PER NEC FOR SCHOOLS: 3000KVA, 3600A

PANELBOARD: KR1				DISTRIBUTION: 120/208 Wye					A.I.C. RATING: 10000						
SUPPLIED FROM: K1T				PHASES: 3					MAINS RATING: 150 A						
MOUNTING: SURFACE				WIRES: 4					MCB RATING: 150 A						
ENCLOSURE: Type 1															
WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE	
1-#12, 1-#10, 1-#10	1	1	DEF-1	20	1	0.4	0.4			1	20	REF-13	2	1-#12, 1-#10, 1-#10	
---	---	3	SPARE	20	1			0.0	0.7	1	20	REF-19	4	1-#12, 1-#10, 1-#10	
---	---	5	SPARE	20	1				0.0	0.7	1	20	REF-20	6	1-#12, 1-#10, 1-#10
1-#12, 1-#10, 1-#10	4	7	AIR CURTAIN	20	1	0.7	0.7			3	20		8		
		9					0.7	0.7					10	3-#12, 1-#10, 1-#10	
3-#12, 1-#10, 1-#10	4	11	GARBAGE DISPOSAL	20	3				0.7	0.7			12		
		13				0.7	0.6			1	20	FOOD PROCESSOR	14	1-#12, 1-#10, 1-#10	
		15						0.7	0.6	1	20	SLICER	16	1-#12, 1-#10, 1-#10	
3-#12, 1-#10, 1-#10		17	DISHWASHER DISPOSER	20	3				0.7	1.9	1	20	PROOFING CABINET	18	1-#12, 1-#10, 1-#10
		19				0.7	0.2			1	20	DROP CORD CONVENIENCE	20	1-#12, 1-#10, 1-#10	
---		21	SPARE	20	1			0.0	0.0	1	20	SPARE	22	1 ---	
---		23	SPARE	20	1				0.0	0.0	1	20	SPARE	24	1 ---
---		25	SPARE	20	1	0.0	0.0			1	20	SPARE	26	1 ---	
---		27	SPARE	20	1			0.0	0.0	1	20	SPARE	28	1 ---	
---		29	SPARE	20	1				0.0	0.0	1	20	SPARE	30	1 ---
---		31	PREPARED SPACE	---	1	---	---			1	---	PREPARED SPACE	32	---	
---		33	PREPARED SPACE	---	1		---	---		1	---	PREPARED SPACE	34	---	
---		35	PREPARED SPACE	---	1				---	---	1	---	PREPARED SPACE	36	---
---		37	PREPARED SPACE	---	1	---	0.0							38	---
---		39	PREPARED SPACE	---	1			---	0.0		3	30	SPD - 2	40	3 3-#10, 1-#10, 1-#10
---		41	PREPARED SPACE	---	1				---	0.0			42		
TOTAL PER PHASE KVA:						4.3	3.5	4.8	CONNECTED KVA:						12.6
TOTAL PER PHASE AMPACITY:						37	29	41	CONNECTED AMPACITY:						35
NOTES (NTS COLUMN):															
1) GFCI TYPE BREAKER															
2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM															
3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER															
4) PROVIDE LOCK-OFF HARDWARE															

NOTES (NTS COLUMN):

- 1) GFCI TYPE BREAKER
- 2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM
- 3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER
- 4) PROVIDE LOCK-OFF HARDWARE

PANELBOARD: KD				DISTRIBUTION: 480/277 Wye						A.I.C. RATING: 65000						
SUPPLIED FROM: MSB				PHASES: 3						MAINS RATING: 800 A						
MOUNTING: SURFACE				WIRES: 4						MCB RATING: MAIN LUGS ONLY						
				ENCLOSURE: Type 1												
WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE		
3-#12, 1-#12, 1-#12		1		20	3	4.0	16.7					2				
		3	RTU-07					4.0	16.7			3	70	RTU-07 HEAT	4	
		5								4.0	16.7			6		
		7												8		
3-#12, 1-#12, 1-#12		9	MUA-1 HEAT	150	3	37.5	9.3					3	40	MUA-1 FAN		
		11						37.5	9.3					10		
		13												12		
3-#12, 1-#12, 1-#12		15	KEF-1	20	3	2.4	2.4					3	20	KEF-2		
		17								2.4	2.4			14		
		19												16		
		21	TRANSFORMER 'K1T'											18		
3-#250, 1-#250, 1-#4	1,2	23		150	3	4.3	19.2					3	70	TRANSFORMER 'K2T'		
		25						3.5	15.6					20		
		27	UTILITY DISTRIBUTION SYSTEM							4.8	18.3			22		
		29						42.3	8.5					24		
3-#12, 1-#12, 1-#12		31		250	3			42.3	8.5			3	40	DISHWASHER		
		33						42.3	8.5					26		
		35	DISHWASHER BLOWER DRYER											28		
		37												30		
---		39	PREPARED SPACE	20	3	4.4	12.0					3	60	BOOSTER HEATER		
		41						4.4	12.0					32		
		43								4.4	12.0			34		
		45												36		
---		47	PREPARED SPACE	---	1	---	---					1	---	PREPARED SPACE		
		49	PREPARED SPACE	---	1	---	---	---	---			1	---	PREPARED SPACE		
		51	PREPARED SPACE	---	1	---	---	---	---			1	---	PREPARED SPACE		
		53	PREPARED SPACE	---	1	---	---	---	---			1	---	PREPARED SPACE		
TOTAL PER PHASE KVA:						162.8	158.4	162.4	CONNECTED KVA:						483.6	
TOTAL PER PHASE AMPACITY:						590	572	588	CONNECTED AMPACITY:						582	
NOTES (NTS COLUMN):																
1) 250A FRAME																
2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM																
3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER																
4) SHUNT TRIP TYPE BREAKER																

NOTES (NTS COLUMN):

- 1) 250A FRAME
- 2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM
- 3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER
- 4) SHUNT TRIP TYPE BREAKER

PANELBOARD: KR2				DISTRIBUTION: 120/208 Wye					A.I.C. RATING: 10000								
SUPPLIED FROM: K2T				PHASES: 3					MAINS RATING: 225 A								
MOUNTING: SURFACE				WIRES: 4					MCB RATING: 225 A								
ENCLOSURE: Type 1																	
WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE			
1-#12, 1-#10, 1-#10	1	1	PASS THRU REFRIGERATOR 35	20	1	0.6	0.6			1	20	PASS THRU REFRIGERATOR 35	2	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	3	PASS THRU REFRIGERATOR 35.1	20	1			0.6	0.6	1	20	PASS THRU REFRIGERATOR 35.1	4	1	1-#12, 1-#10, 1-#10		
2-#12, 1-#10	1	5											6	1			
		7	PASS THRU HEATED CABINET 36	15	2		0.7	0.7		2	15	PASS THRU HEATED CABINET 36	8	1	2-#12, 1-#10, 1-#10		
2-#12, 1-#10, 1-#10	1	9											10				
		11	PASS THRU HEATED CABINET 36.1	15	2			0.7	0.7	2	15	PASS THRU HEATED CABINET 36.1	12	1	2-#12, 1-#10		
1-#10, 1-#10, 1-#10	4	13	ICE MACHINE	20	1	1.3	0.5			1	20	RECPS. - CONVENIENCE	14		1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10		15	RECPS. - CONVENIENCE	20	1			0.7	0.7	1	20	RECPS. - CONVENIENCE	16		1-#12, 1-#10, 1-#10		
2-#10, 1-#10, 1-#10	1	17											18	1			
		19	HOT SERVING COUNTER	30	2	2.3	2.3			2	30	HOT SERVING COUNTER	20		2-#10, 1-#10, 1-#10		
2-#10, 1-#10, 1-#10	1	21								1	20	HOT STATION (PIZZA)	22	1	1-#10, 1-#10, 1-#10		
		23	HOT SERVING COUNTER	30	2			2.3	1.3				24	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	25	COLD SERVING COUNTER	20	1	0.8	0.8			1	20	COLD SERVING COUNTER	26	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	27	COLD SERVING COUNTER	20	1			0.8	0.3	1	20	COLD SERVING COUNTER	28	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	29	MILK COOLER	20	1					0.3	1.0	1	20	MILK COOLER	30	1	1-#12, 1-#10, 1-#10
1-#12, 1-#10, 1-#10	1	31	CASHIER	20	1	1.0	1.0			1	20	CASHIER	32	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	33	CASHIER	20	1			1.0	0.8	1	20	SLIDING DOOR FRIDGE	34	1	1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	35	SLIDING DOOR FRIDGE	20	1				0.8	0.8	1	20	SLIDING DOOR FRIDGE	36	1	1-#12, 1-#10, 1-#10	
1-#12, 1-#10, 1-#10	1	37	SLIDING DOOR FRIDGE	20	1	0.8	0.9			1	20	RECPS. - CONVENIENCE SERVRY	38		1-#12, 1-#10, 1-#10		
1-#12, 1-#10, 1-#10	1	39	ICE AND WATER DISPENSER	20	1			0.2	0.0	1	20	SPARE	40	1	---		
---		41	SPARE	20	1				0.0	0.0	1	20	SPARE	42	1	---	
---		43	SPARE	20	1	0.0	0.0			1	20	SPARE	44		---		
---		45	SPARE	20	1			0.0	0.0	1	20	SPARE	46		---		
---		47	SPARE	20	1				0.0	0.0	1	20	SPARE	48		---	
		49				4.8	0.0						50				
3-#6, 1-#6, 1-#10		51	UDS	30	3			4.8	0.0	3	30	SPD - 2	52	3	3-#6, 1-#6, 1-#10		
		53											54				
TOTAL PER PHASE KVA:						19.2	15.6	18.3	CONNECTED KVA:						53.1		
TOTAL PER PHASE AMPACITY:						163	130	156	CONNECTED AMPACITY:						147		
NOTES (NTS COLUMN):																	
1) GFCI TYPE BREAKER																	
2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM																	
3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER																	
4) PROVIDING LOCK-OFF HARDWARE																	

PANELBOARD: GMA				DISTRIBUTION: 480/277 Wye								A.I.C. RATING: 35000											
SUPPLIED FROM: MSB				PHASES: 3								MAINS RATING: 600 A											
MOUNTING: SURFACE				WIRES: 4								MCB RATING: MAIN LUGS ONLY											
ENCLOSURE: Type 1																							
WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE									
3-#12, 1-#12, 1-#12		1	VAV 10-09F	20	3	3.5	5.7					2	3-#10, 1-#10, 1-#10										
							3.5	5.7			3	30		VAV 10-11F	4								
									3.5	5.7				6									
														8									
														10									
3-#10, 1-#10, 1-#10		9	RTU-14	25	3	5.7	13.3					8	3-#14, 1-#14, 1-#14										
						5.7	13.3			10													
										12													
								5.7	13.3	14													
												16											
3-#10, 1-#10, 1-#10		15	RTU-14 REHEAT	50	3	10.0	5.7					16	3-#10, 1-#10, 1-#10										
						10.0	5.7			18													
								10.0	5.7	20													
										22													
												24											
3-#14, 1-#14, 1-#14		21	RTU-15 PREHEAT	70	3	13.3	10.0					22	3-#10, 1-#10, 1-#10										
						13.3	10.0			24													
								13.3	10.0	26													
										28													
										30													
---	25	PREPARED SPACE	---	1	---	---				1	---	PREPARED SPACE	26	---									
---	27	PREPARED SPACE	---	1			---	---		1	---	PREPARED SPACE	28	---									
---	29	PREPARED SPACE	---	1				---	---	1	---	PREPARED SPACE	30	---									
---	31	PREPARED SPACE	---	1	---	---			---	1	---	PREPARED SPACE	32	---									
---	33	PREPARED SPACE	---	1			---	---		1	---	PREPARED SPACE	34	---									
---	35	PREPARED SPACE	---	1					---	1	---	PREPARED SPACE	36	---									
---	37	PREPARED SPACE	---	1	---	---			---	1	---	PREPARED SPACE	38	---									
---	39	PREPARED SPACE	---	1			---	---		1	---	PREPARED SPACE	40	---									
---	41	PREPARED SPACE	---	1					---	1	---	PREPARED SPACE	42	---									
2.4	43	45	TRANSFORMER 'G11'	200	3	36.7	0.0					44	3-#10, 1-#10, 1-#10										
								36.6	0.0			46		3									
												48											
TOTAL PER PHASE KVA:						103.8		103.8		107.9	CONNECTED KVA:						315.5						
TOTAL PER PHASE AMPACITY:						375		375		390	CONNECTED AMPACITY:						380						
NOTES (NTS COLUMN):																							
1) GFCI TYPE BREAKER																							
2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM																							
3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER																							
4) 400A FRAME																							

NOTES (NTS COLUMN):
 1) GFCI TYPE BREAKER
 2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM
 3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER
 4) 400A FRAME

PANELBOARD: GMB				DISTRIBUTION: 480/277 Wye				A.I.C. RATING: 35000							
SUPPLIED FROM: MSB				PHASES: 3				MAINS RATING: 600 A							
MOUNTING: SURFACE				WIRES: 4				MCB RATING: 600 A							
ENCLOSURE: Type 1															
WIRE SIZE	NTS	CKT	DESCRIPTION	BKR	P	A	B	C	P	BKR	DESCRIPTION	CKT	NTS	WIRE SIZE	
3-#10, 1-#10, 1-#10		1	RTU-13 HEAT	70	3	13.3	9.7			3	60	RTU-13	2	3-#10, 1-#10, 1-#10	
						13.3	9.7						4		
							13.3	9.7							6
		8.7				0.2			8						
3-#10, 1-#10, 1-#10		9	RTU-13 EXHAUST	45	3		8.7	0.2		3	20	RTU-13 WHEEL	10	3-#12, 1-#12, 1-#12	
								8.7	0.2				12		
													14		
		9.7				13.3			9.7				13.3		16
3-#10, 1-#10, 1-#10		15	RTU-12	40	3			9.7	13.3	3	70	RTU-12 HEAT	18	3-#10, 1-#10, 1-#10	
								9.7	13.3				20		
													22		
		4.4				1.2			4.4				1.2		24
3-#12, 1-#12, 1-#12		21	VAVS 13-02V & 13-03V	20	3		4.4	1.2		3	20	VAVS 13-04V	26	3-#12, 1-#12, 1-#12	
							4.4	1.2	28						
													30		
		1.9				3.3			1.9				3.3		32
3-#12, 1-#12, 1-#12		27	VAVS 13-06V & 13-08V	20	3		1.9	3.3		3	20	VAV 13-05V	34	3-#12, 1-#12, 1-#12	
								1.9	3.3				36		
													38		
		5.4				5.4			5.4				5.4		40
3-#12, 1-#12, 1-#12		33	VAV 13-09V	20	3			5.4	5.4	3	20	VAV 13-07V	42	3-#10, 1-#10, 1-#10	
													44		
													46		
		7.6				8.7			7.6				8.7		48
3-#10, 1-#10, 1-#10		39	VAV 12-02F	30	3		7.6	8.7		3	30	VAV 12-01F	50	3-#12, 1-#12, 1-#12	
								7.6	8.7				52		
													54		
		8.7				3.3			8.7				3.3		56
3-#10, 1-#10, 1-#10		45	VAV 12-03F	30	3		8.7	3.3		3	20	VAV 13-01V	58	3-#12, 1-#12, 1-#12	
								8.7	3.3				60		
															62
		7.1				3.9									64
3-#10, 1-#10, 1-#10		51	VAV 11-01F	30	3		7.1	3.9		3	20	VAV 12-04F	66	3-#12, 1-#12, 1-#12	
								7.1	3.9				68		
													70		
		1.7				7.1			1.7				7.1		72
3-#12, 1-#12, 1-#12		57	VAV 11-03V	20	3		1.7	7.1		3	30	VAV 11-02F	74	3-#10, 1-#10, 1-#10	
													76		
													78		
							1.7	7.1							80
---		61	PREPARED SPACE	---	1	---	---			1	---	PREPARED SPACE	82	---	
---		63	PREPARED SPACE	---	1		---	---		1	---	PREPARED SPACE	84	---	
---		65	PREPARED SPACE	---	1			---	---	1	---	PREPARED SPACE		---	
---		67	PREPARED SPACE	---	1	---	---			1	---	PREPARED SPACE		---	
---		69	PREPARED SPACE	---	1		---	---		1	---	PREPARED SPACE		---	
---		71	PREPARED SPACE	---	1				---	1	---	PREPARED SPACE		---	
---		73	PREPARED SPACE	---	1	---	---			1	---	PREPARED SPACE		---	
---		75	PREPARED SPACE	---	1			---	---	1	---	PREPARED SPACE		---	
---		77	PREPARED SPACE	---	1				---	1	---	PREPARED SPACE		---	
---		79	PREPARED SPACE	---	1	---	0.0			3	30	SPD	86	3-#10, 1-#10, 1-#10	
---		81	PREPARED SPACE	---	1			---	0.0				88		
---		83	PREPARED SPACE	---	1				---				0.0		90
						124.7	124.7	124.7	CONNECTED KVA:						374.0
						450	450	450	CONNECTED AMPACITY:					450	

NOTES (NTS COLUMN):

1) GFCI TYPE BREAKER

2) COORDINATE FEEDER SIZE WITH SINGLE LINE DIAGRAM

3) COORDINATE BREAKER SIZE AND CONDUCTOR SIZE WITH SPD MANUFACTURER