

ELEMENTARY SCHOOL HVAC UPGRADE & HIGH SCHOOL ROOFTOP UNIT PROJECT

PREPARED FOR

SCHUYLKILL VALLEY SCHOOL DISTRICT

BERKS COUNTY, PENNSYLVANIA

BY

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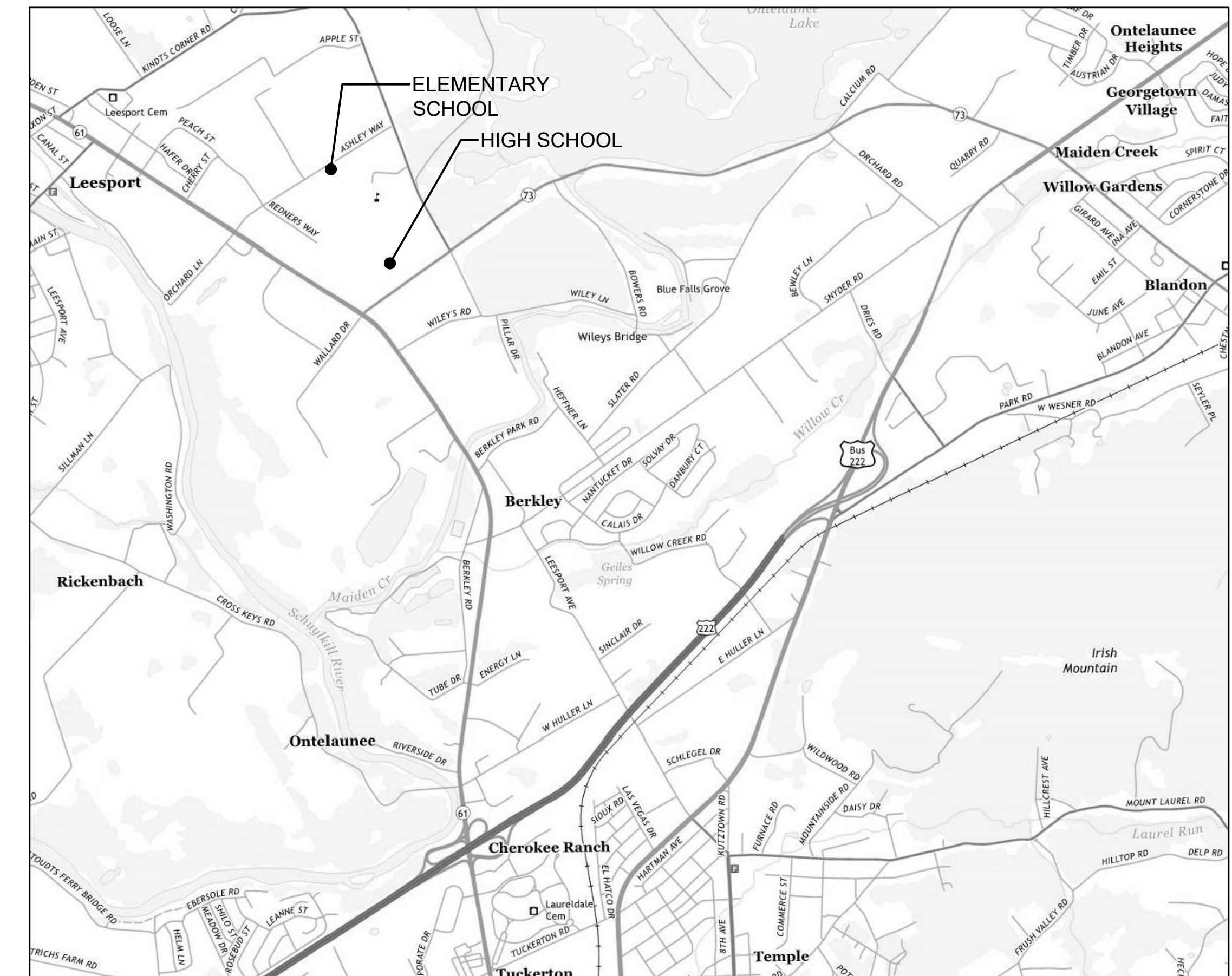
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ELEMENTARY SCHOOL		
DWG NO.	DISCIPLINE	DESCRIPTION
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EP.D-02	ELECTRICAL - POWER	SECOND FLOOR - SECTION A - EXISTING
EP.D-03	ELECTRICAL - POWER	FIRST AND SECOND FLOORS - SECTION B - EXISTING
EP.D-04	ELECTRICAL - POWER	FIRST AND SECOND FLOORS - SECTION C - EXISTING
EP.D-05	ELECTRICAL - POWER	FIRST AND SECOND FLOORS - SECTION D - EXISTING
EP.D-06	ELECTRICAL - POWER	FIRST FLOOR - SECTION E - EXISTING
EP.D-07	ELECTRICAL - POWER	ENLARGED PLAN
EP.1-01	ELECTRICAL - POWER	FIRST FLOOR - SECTION A - PROPOSED
EP.1-02	ELECTRICAL - POWER	SECOND FLOOR - SECTION A - PROPOSED
EP.1-03	ELECTRICAL - POWER	FIRST AND SECOND FLOORS - SECTION B - PROPOSED
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MD102	MECHANICAL	AREA E DEMOLITION PLAN
MD201	MECHANICAL	2ND FLOOR AREA A DEMOLITION
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M102	MECHANICAL	AREA E HVAC LAYOUT
M201	MECHANICAL	AREA A 2ND FLOOR HVAC LAYOUT
M301	MECHANICAL	ROOF PLAN

HIGH SCHOOL		
DWG NO.	DISCIPLINE	DESCRIPTION
A.1-01-HS	ARCHITECTURAL - RCP	LIBRARY - EXISTING AND PROPOSED
EP.D-01-HS	ELECTRICAL - POWER	GYM, AUXILIARY GYM AND WEIGHT ROOM PLAN - EXISTING
EP.D-02-HS	ELECTRICAL - POWER	AUDITORIUM, LOBBY, CAFETERIA, KITCHEN AND LIBRARY PLANS - EXISTING
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WOLF CONSULTING ENGINEERS		
S001	STRUCTURAL	GENERAL NOTES AND TYPICAL DETAILS
S101	STRUCTURAL	PARTIAL ROOF FRAMING PLAN - AUXILIARY GYM, TRAINING, WEIGHT ROOM, CAFETERIA AND KITCHEN
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MD101	MECHANICAL	DEMOLITION PLAN AUXILIARY GYM, WEIGHT ROOM TRAINING, CAFETERIA AND KITCHEN
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M101	MECHANICAL	NEW WORK PLAN: AUXILIARY GYM, WEIGHT ROOM, TRAINING, CAFETERIA AND KITCHEN
M102	MECHANICAL	NEW WORK PLAN: AUDITORIUM, STAGE, LOBBY AND LIBRARY
M201	MECHANICAL	ROOFTOP GAS PIPING PLAN
M202	MECHANICAL	ROOFTOP GAS PIPING PLAN

LOCATION MAP



ISSUED FOR BIDDING
02/15/22

UNIT VENTILATOR SCHEDULE																					
ITEM NO.	CFM	MIN OA CFM	COOLING (MBH)		EAT DBWB	LAT DBWB	COIL TYPE	HEATING				HOT WATER				FAN HP	VOLTAGE	MCA	BASIS OF DESIGN		NOTES
			TOTAL	SENS				MBH	EAT	LAT	GPM	EWT	LWT	P.D.	MANUFACTURER				MODEL		
UV-1	1000	375	35.29	25.11	80.6/66.1	56.1/53.6	DX-R410A	55.64	43.75	100.21	4.46	135	110	1.63	1	120V	15	TRANE	HJVC1001	1	
UV-2	1250	375	31.90	24.72	79.5/65.3	56.5/55.5	DX-R410A	65.53	49	101.82	5.25	135	110	2.42	1	120V	15	TRANE	HJVC1251	1	
UV-3	450	450	44.81	30.53	82.2/67.3	56.4/53.7	DX-R410A	78.93	36.4	98.41	6.17	135	110	3.27	1	120V	15	TRANE	HJVC1251	1	
UV-4	750	375	27.71	18.60	81.6/66.4	53.4/51.1	DX-R410A	37.32	42.9	98.8	2.99	135	110	1.42	1/4	115V	4.5	TRANE	VJVE0750	1	
UV-5	1000	375	35.29	25.11	80.6/66.1	56.1/53.6	DX-R410A	55.28	43.8	98.2	4.42	135	110	2.76	1/4	115V	4.5	TRANE	VJVE1000	1	
UV-6	1000	120	30.11	22.73	76.8/63.3	54.6/52.1	DX-R410A	42.66	61.6	104.9	3.42	135	110	0.99	1	120V	15	TRANE	HJVC1001	1	
UV-7	1000	225	32.27	23.71	78.4/64.5	55.2/52.7	DX-R410A	48.92	54.3	102.5	3.91	135	110	2.08	1/4	115V	4.5	TRANE	VJVE1000	1	
UV-8	750	225	26.12	17.94	79.5/65.3	52.9/50.7	DX-R410A	34.85	49	101.2	2.79	135	110	1.29	1/4	115V	4.5	TRANE	VJVE0750	1	
UV-9	1250	600	44.81	30.53	82.2/67.3	56.4/53.7	DX-R410A	63.38	36.4	90.4	5.07	135	110	3.77	1/4	115V	4.5	TRANE	VJVE1250	1	
UV-10	1000	1000	-	-	-	-	-	87.39	0	83.4	7.01	135	110	4.52	1	120V	15	TRANE	HJVC1001	1	

NOTES:
1. PROVIDE WITH LEV KIT AND THERMOSTAT.

AIR HANDLING UNIT SCHEDULE SCHEDULE																									
ITEM NO.	CFM	MIN OA CFM	COOLING (MBH)		ESP (IN H2O)	TSP (IN H2O)	EAT DBWB	LAT DBWB	APD (IN H2O)	COIL TYPE	HEATING				FAN HP	VOLTAGE	MCA	MOP	BASIS OF DESIGN		NOTES				
			TOTAL	SENS							MBH	EAT	LAT	GPM					EWT	LWT		AIR PD	FLUID PD	MANUFACTURER	MODEL
AHU-1	750	113	35.29	25.11	0.50	1.188	78.0/65.0	55.86/54.47	0.422	DX-R410A	29.50	55.0	91.26	1.97	135	105	0.159	0.98	1/2	115V/1PH	9.32	15	TRANE	BCHD004	1,2,3,4,5
AHU-3	3410	1125	31.90	24.72	1.00	2.154	78.0/65.0	53.60/52.83	0.698	DX-R410A	125.50	55	88.94	8.39	135	105	0.246	0.99	3	480V/3PH	6.88	15	TRANE	BCHD090	

NOTES:
1. PROVIDE AHU WITH CONTROL VALVE.
2. PROVIDE WITH MIXING BOX.
3. PROVIDE LEV KIT.
4. PROVIDE WITH FILTER SECTION WITH BOTTOM ACCESS.
5. PROVIDE WITH THERMOSTAT.

FAN COIL SCHEDULE																				
ITEM NO.	CFM	MIN OA CFM	COOLING (MBH)		EAT DBWB	LAT DBWB	ESP (IN WG)	COIL TYPE	HEATING			KW COOL/HEAT	VOLTAGE	MCA	MAX FUSE	BASIS OF DESIGN		NOTES		
			TOTAL	SENS					MBH	EAT	LAT					MANUFACTURER	MODEL			
FC-1	883	225	23.81	19.14	80.0/67.0	59.5	0.6	DX-R410A	23.23	70.0	94.4	0.170/15	208V/1PH	2.73	15	TRANE	TPFYPO24MA143A	3		
FC-2	371	133	11.91	8.32	80.0/67.0	58.8	0.6	DX-R410A	11.61	70	99.0	0.090/07	208V/1PH	1.2	15	TRANE	TPFYPO12MA143A	3		
FC-3	371	133	11.91	8.32	80.0/67.0	58.8	0.6	DX-R410A	11.61	70.0	99.0	0.090/07	208V/1PH	1.2	15	TRANE	TPFYPO12MA143A	3		
FC-4	600	133	16.95	13.33	80.0/67.0	59.0	0.6	DX-R410A	17.59	70.0	97.2	0.110/09	208V/1PH	1.56	15	TRANE	TPFYPO18MA143A	3		
FC-5																			NOT USED	
FC-6	315	50	7.41	5.99	80.0/67.0	62.0	-	DX-R410A	7.58	70.0	92.3	0.020/02	208V/1PH	0.28	15	TRANE	TPFYPO08FM140A	3		
FC-7	300	50	6.53	5.87	80.0/67.0	61.5	0.8	DX-R410A	4.21	70.0	83	0.060/04	208V/1PH	1.05	15	TRANE	TPFYPO08MA143A	3		
FC-8	413	0	7.43	6.6	80.0/67.0	64.9	-	DX-R410A	7.62	70.0	87.1	0.030/03	208V/1PH	0.38	15	TRANE	TPKYPO08HM142A	2,3		
FC-9	315	50	7.41	5.99	80.0/67.0	62.0	-	DX-R410A	7.58	70.0	92.3	0.020/02	208V/1PH	0.28	15	TRANE	TPFYPO08FM140A	3		
FC-10	413	0	11.15	8.49	80.0/67.0	60.8	-	DX-R410A	11.43	70.0	95.7	0.030/03	208V/1PH	0.38	15	TRANE	TPKYPO12HM142A	2,3		
FC-11	307	50	5.4	4.53	75.8/64.7	62.0	-	DX-R410A	5.35	70.0	88.2	0.040/04	208V/1PH	0.25	15	TRANE	TPMYPO08BM140F	3		
FC-12	208	0	5.57	4.09	80.0/67.0	61.4	-	DX-R410A	5.67	70.0	95.3	0.030/03	208V/1PH	0.19	15	TRANE	TPKYPO06BM142B	2,3		
DOAS-1	1200	1200	81.01	50.6	92.0/73.0	54.5	1	DX-R410A	64.11	9.0	82.4	0.320/33	208V/1PH	4.8	15	TRANE	TPFYPO060A140A	3		
AC-IT206	775	0	24.22	18.61	80.0/67.0	57.3	-	DX-R410A	-	-	-	-	-	-	-	-	-	TRANE	TPKA0241KA70A	2,3

NOTES:
1. 100% RH.
2. PROVIDE WITH CONDENSATE PUMP OPTION.
3. PROVIDE WITH THERMOSTAT.

AIR COOLED CONDENSING UNIT SCHEDULE														
ITEM NO.	MODULES	NOMINAL COOLING CAPACITY (BTUH)	NOMINAL HEATING CAPACITY (BTUH)	DESIGN COOLING OUTDOOR TEMP DB °F	DESIGN HEATING OUTDOOR TEMP WB °F	CORRECTED COOLING TOTAL CAPACITY (BTUH)	CORRECTED HEATING CAPACITY (BTUH)	REFRIGERANT	VOLTAGE	MCA	RECOMMENDED FUSE	BASIS OF DESIGN		NOTES
												MANUFACTURER	MODEL	
ACCU-A1	P144, P144	288,000	320,000	92.0	7.9	285,753.4	277,047.2	R-410A	460V/3PH	22.22	35, 35	TRANE	TURYE2884N40AN	
ACCU-A2	P120	120,000	135,000	92.0	7.9	111,411.8	114,317.0	R-410A	460V/3PH	19	-	TRANE	TURYE1204N40AN	
ACCU-B1	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-B2	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-C1	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-C2	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-D1	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-D2	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-E1	P240	240,000	250,000	92.0	7.9	224,972.7	139,389.2	R-410A	460V/3PH	36	50	TRANE	TUHYE2404N40AN	
ACCU-E2	P72	72,000	80,000	92.0	7.9	68,570.9	70,023.7	R-410A	460V/3PH	10	-	TRANE	TURYE0724N40AN	
ACCU-DDAS1	P98	96,000	108,000	92.0	7.9	97,123.8	94,316.1	R-410A	460V/3PH	14	20	TRANE	TUHYE0984N40AN	
ACCUHT 206	N/A	24,000	-	92.0	7.9	24,224.4	-	R-410A	208V/1PH	19	25	TRANE	TRUYA0241HA70NA	

NOTES:

DUCT HEATING COIL SCHEDULE																	
ITEM NO.	CFM	HEATING			APD IN	FFPD FT	EWT	LWT	GPM	ROWS	FIN SPACING (IN)	FIN MATERIAL	NOMINAL HEIGHT	FIN LENGTH	BASIS OF DESIGN		NOTES
		MBH	EAT	LAT											MANUFACTURER	MODEL	
HTCL-FC-1	620	34.08	44.51	95.19	0.044	10.15	135	110	2.73	2	110	ALUM	9"	40"	TRANE	DSTB0904G0BA110BABA00A	
HTCL-FC-2	425	22.44	48	96.72	0.033	1.55	135	110	1.80	2	110	ALUM	9"	33"	TRANE	DSTB0903G0BA110BABA00A	
HTCL-FC-3	375	20.71	44.91	95.84	0.045	1.14	135	110	1.66	2	110	ALUM	9"	26"	TRANE	DSTB0902G0BA110BABA00A	
HTCL-FC-4	515	25.40	51.82	97.3	0.045	5.21	135	110	2.04	2	110	ALUM	9"	33"	TRANE	DSTB0903G0BA110BABA00A	
HTCL-FC-7	350	16.17	53.49	96.09	0.035	1.46	135	110	1.00	2	110	ALUM	9"	26"	TRANE	DSTB0902G0BA110BABA00A	
HTCL-DDAS-1	1200	117.13	5.0	95.0	0.145	0.34	135	110	9.39	2	110	ALUM	12"	43"	TRANE	DW0B12043G0CA140BABA00A	

NOTES:

BOILER SCHEDULE												
ITEM NO.	BOILER TYPE	FUEL TYPE	INPUT (MBH)	OUTPUT (MBH)	NET AHRI RATING (MBH)	AHRI THERMAL EFFICIENCY	FLUE VENT DIAMETER	ELECTRICAL		BASIS OF DESIGN		NOTES
								VOLTS/PH/Hz	FLA	MANUFACTURER	MODEL	
B-1	VERTICAL FIRE TUBE	NAT. GAS	2499	2419	2104	96.8%	10"	208/3/60	16.3	WEIL-MCLAIN	SVF-2500	1,2,3
B-2	VERTICAL FIRE TUBE	NAT. GAS	2499	2419	2104	96.8%	10"	208/3/60	16.3	WEIL-MCLAIN	SVF-2500	1,2,3
B-3	VERTICAL FIRE TUBE	NAT. GAS	2499	2419	2104	96.8%	10"	208/3/60	16.3	WEIL-MCLAIN	SVF-2500	1,2,3

NOTES:
1. PROVIDE WITH CONDENSATE NEUTRALIZER KIT.
2. PROVIDE WITH OMEGA DRAIN TEMPERING VALVE.
3. PROVIDE WITH BACNET CONTROLLER FOR CONNECTION TO BMS.

EXPANSION TANK SCHEDULE									
ITEM NO.	TANK VOLUME (GAL)	ACCEPTANCE VOLUME (GAL)	DIMENSIONS		SHELL MATERIAL	BASIS OF DESIGN		NOTES	
			HEIGHT (IN)	DIA (IN)		MANUFACTURER	MODEL		
ET-1	264	138	74	36	STEEL	AMTROL	1000-L		

AIR SEPARATOR						
ITEM NO.	PIPE SIZE (IN)	DIAMETER (IN)	WORKING PRESSURE (PSI)	BASIS OF DESIGN		NOTES
				MANUFACTURER	MODEL	
AS-1	6	18	150	AMTROL	6-ASL	

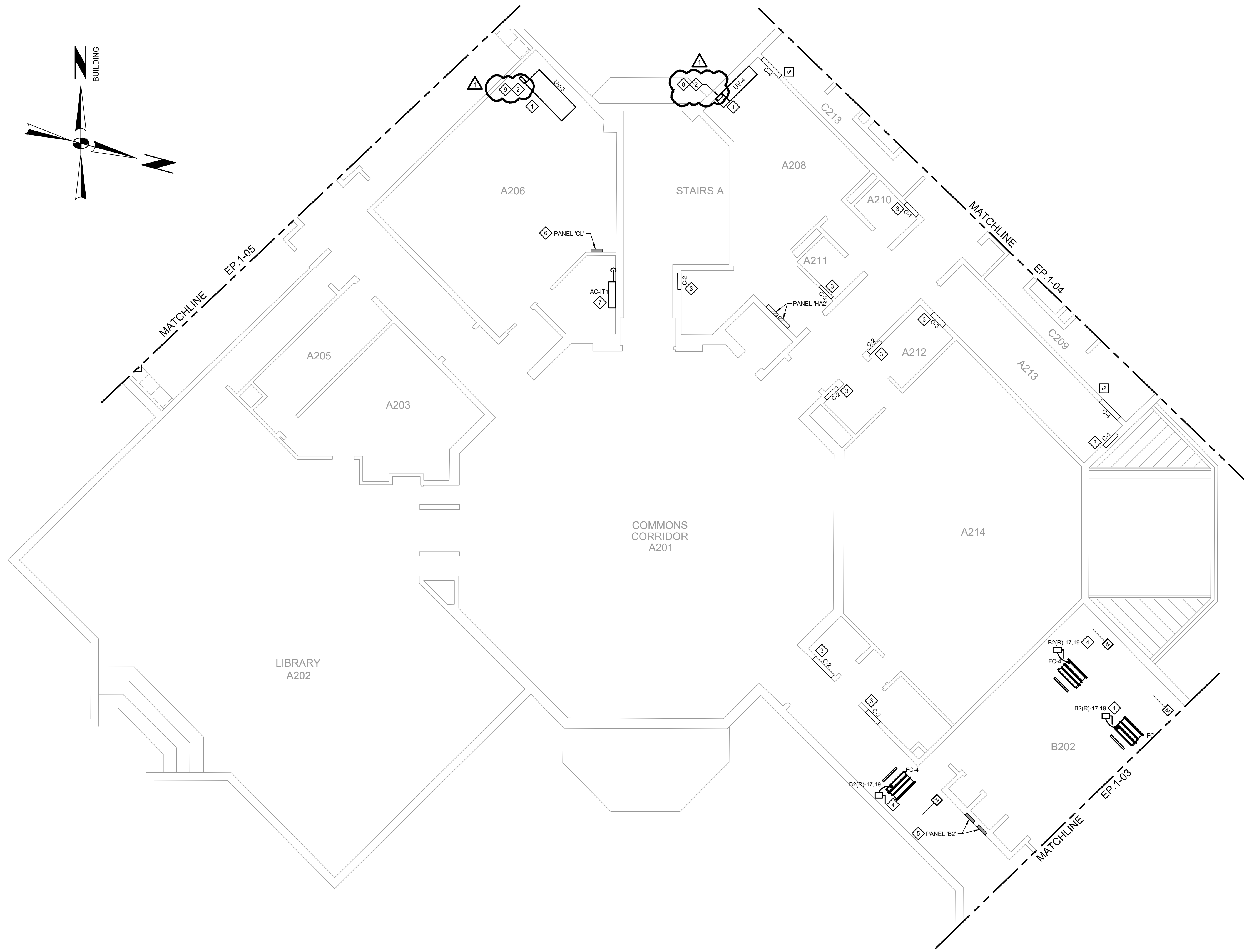
BYPASS FILTER FEEDER							
ITEM NO.	CAPACITY (GAL)	DIAMETER (IN)	MAX PRESSURE (PSI)	BASIS OF DESIGN		NOTES	
				MANUFACTURER	MODEL		
BF-1	5	10	300	NEPTUNE	DBF-5PH	1	

NOTES:
1. PROVIDE MODEL FBK-5 FILTER BAG KIT.

PUMP SCHEDULE											
ITEM TAG	SERVICE	TYPE	GPM	HEAD (FT)	PUMP RPM	MOTOR HP	VOLTAGE	BASIS OF DESIGN		NOTES	
								MANUFACTURER	MODEL		
P-1	BOILER CIRC	IN-LINE	162	25	2804	2	208V/1PH	BELL & GOSSETT	ECOCIRC XL 40-275	3	
P-2	BOILER CIRC	IN-LINE	162	25	2804	2	208V/1PH	BELL & GOSSETT	ECOCIRC XL 40-275	3	
P-3	BOILER CIRC	IN-LINE	162	25	2804	2	208V/1PH	BELL & GOSSETT	ECOCIRC XL 40-275	3	
P-4	HW PUMP	BASE MTD END SUCTION	400	110	1880	20	480V/3PH	BELL & GOSSETT	E-1510	1,2	
P-5	HW PUMP	BASE MTD END SUCTION	400	110	1880	20	480V/3PH	BELL & GOSSETT	E-1510	1,2	

NOTES:
1. PROVIDE WITH TRIPLE DUTY VALVE AND SUCTION DIFFUSER.
2. PROVIDE WITH VFD AND INVERTER DUTY MOTOR.
3. PROVIDE PUMP WITH ECM MOTOR AND ELECTRONIC DRIVE.

DIFFUSER, REGISTER & GRILLE SCHEDULE									
ITEM TAG	SIZE	NECK SIZE	CFM RANGE	NC	TYPE	BASIS OF DESIGN		NOTES	
						MANUFACTURER	MODEL		
D-1	6x6	6"	0						



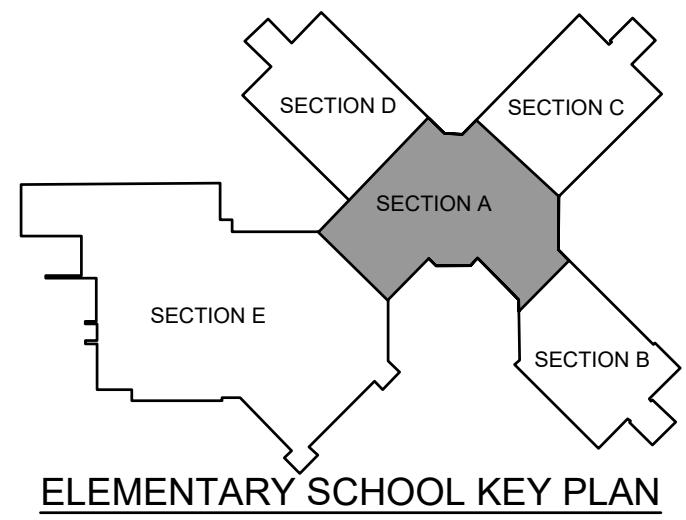
SECOND FLOOR - SECTION A
PARTIAL PLAN - PROPOSED
SCALE: 3/8"=1'-0"

- INSTALLATION NOTES**
- ◇ PROVIDE CONNECTION OF EXISTING WIRING TO NEW FLOOR MOUNTED UNIT VENT. PROVIDE ADDITIONAL WIRING, JUNCTION BOX AND RACEWAY TO EXTEND EXISTING CIRCUIT TO UNIT TERMINATION POINT AS REQUIRED. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
 - ◇ PROVIDE CONDUIT AND WIRE TO TRANE LEV KIT MOUNTED ADJACENT TO UNIT VENT. PROVIDE A 20A, 250V RATED TOGGLE SWITCH IN DEVICE BOX WITH COVERPLATE MOUNTED ADJACENT TO LEV KIT. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
 - ◇ CONDUIT AND WIRE TO UNIT CONTROL VALVE BY TRANE FIELD PERSONNEL.
 - ◇ PROVIDE CONDUIT AND WIRE FROM CIRCUIT INDICATED TO FAN COIL UNIT LOCATED ABOVE THE CEILING. PROVIDE A LOCAL FUSED DISCONNECT SWITCH AT UNIT RATED FOR A MINIMUM OF 30A @ 208V-1PH, FUSED PER MANUFACTURER'S REQUIREMENTS. COORDINATE WORK WITH MECHANICAL CONTRACTOR.
 - ◇ IN PANEL B2(R): PROVIDE (2) 20A-2P AND (1) 45A-3P CIRCUIT BREAKER IN CIRCUITS AS INDICATED ON THE DRAWING. CIRCUIT BREAKERS TO MATCH THE MANUFACTURER, TYPE, STYLE AND RATING OF THE EXISTING PANEL.
 - ◇ IN PANEL CL: PROVIDE (1) 25A-2P CIRCUIT BREAKER FOR POWER TO ROOFTOP UNIT ACU-IT1. CIRCUIT BREAKER TO MATCH THE MANUFACTURER, TYPE, STYLE AND RATING OF THE EXISTING PANEL. REFER TO DRAWING EP-1.08 FOR UNIT LOCATION.
 - ◇ PROVIDE INTERCONNECTING LOW VOLTAGE WIRING BETWEEN INDOOR WALL MOUNTED UNIT AND CORRESPONDING ROOFTOP UNIT. REFER TO DRAWING EP-1.08.
 - ◇ LEV KIT TO BE CONNECTED TO 20A, 208V-1PH CIRCUIT "C2(R)-7.2P" USED IN SECOND FLOOR CORRIDOR "C".
 - ◇ LEV KIT TO BE CONNECTED TO 20A, 208V-1PH CIRCUIT "C2(R)-15.17" USED IN SECOND FLOOR CORRIDOR "D".

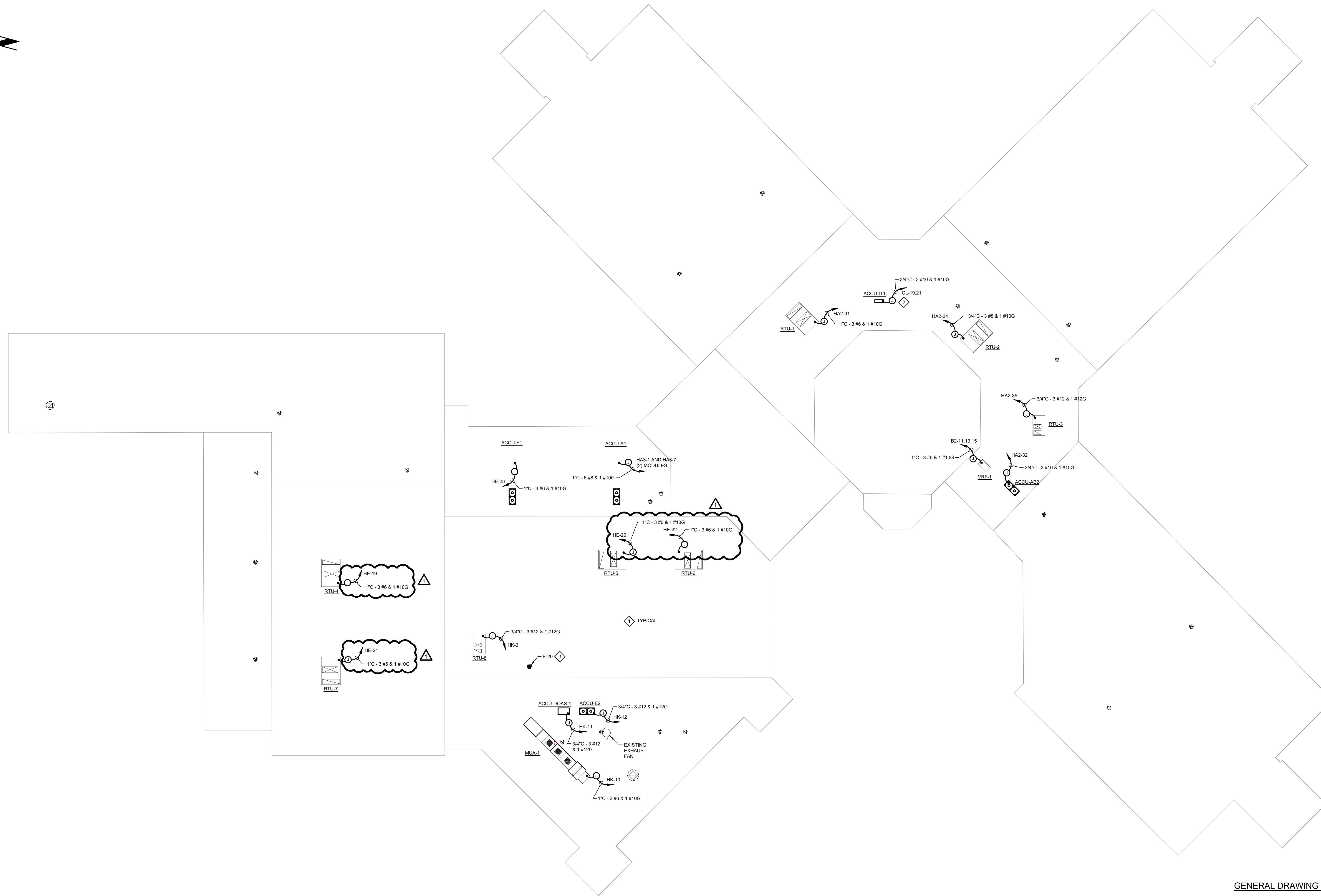
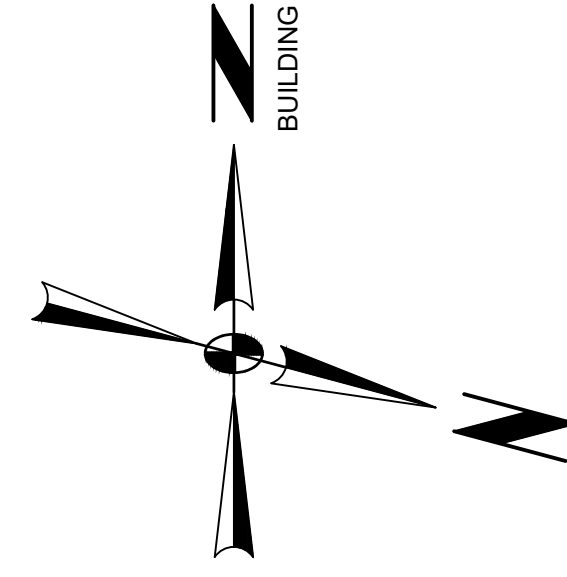
FIRE ALARM NOTE

1. MAINTAIN CONTINUITY OF FIRE ALARM SYSTEM DURING DEMOLITION AND INSTALLATION OF EQUIPMENT. RECONNECT EXISTING DEVICES ASSOCIATED WITH MECHANICAL EQUIPMENT SAFED OFF UNDER DEMOLITION. COORDINATE WITH OWNER'S FIRE ALARM INSTALLER FOR INSTALLATION OF NEW DEVICES WHERE REQUIRED, RECONNECTION OF EXISTING DEVICES, TESTING AND PROGRAMMING TO ASSURE SYSTEM IS FULLY FUNCTIONAL UPON COMPLETION OF WORK.

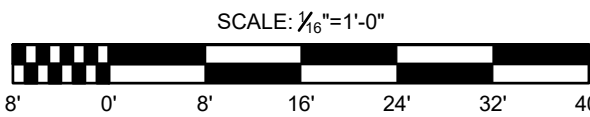
- GENERAL DRAWING NOTES**
1. FOR LEGEND AND GENERAL NOTES REFER TO DRAWING E-0-01.
 2. ALL WORK REQUIRING THE SHUTDOWN OR CAUSING DISRUPTION TO THE EXISTING FACILITY OR EQUIPMENT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE START OF CONSTRUCTION.
 3. AFTER COMPLETION OF WORK TEST ALL NEW AND REINSTALLED EQUIPMENT AND DEVICES TO ASSURE THEY ARE IN PROPER WORKING ORDER.
 4. FIRE STOPPING AT ALL PENETRATIONS OF RATED FLOORS AND WALLS. FIRE STOPPING SHALL BE HILTI CAULK CP-608 AND FOAM CP620.
 5. PROVIDE SELF ADHESIVE WRAP AROUND CONDUCTOR IDENTIFICATION TAPE ON CIRCUIT CONDUCTOR AT ORIGIN AND DESTINATION AND AT SPLICES.



SPOTT'S, STEVENS & MCCOY Engineers and Consultants 1719 SCHUYLKILL VALLEY HAVANNA, PENNSYLVANIA 15862-0001 814.885.4000 WWW.SPOTTSTEVENSMCCOY.COM	
RELEASED FOR: BIDDING <i>NOT FOR CONSTRUCTION</i>	PROJECT MANAGER: MMH BASE BY: N/A DRAWN BY: TMF N.E.: N/A DESIGNED BY: GLB DATE: 09/20/21 CHKD:
SCHUYLKILL VALLEY SCHOOL DISTRICT BERKS COUNTY, PENNSYLVANIA HVAC UPGRADE ELECTRICAL - POWER SECOND FLOOR - SECTION A - PROPOSED COPYRIGHT © 2021 SPOTT'S, STEVENS & MCCOY	10/29/21 103916.0008 EP-1-02 DATE DIGITAL FILENAME WORK ORDER NUMBER EP.1-02 DRAWING NUMBER



ROOF PLAN - PROPOSED



INSTALLATION NOTES

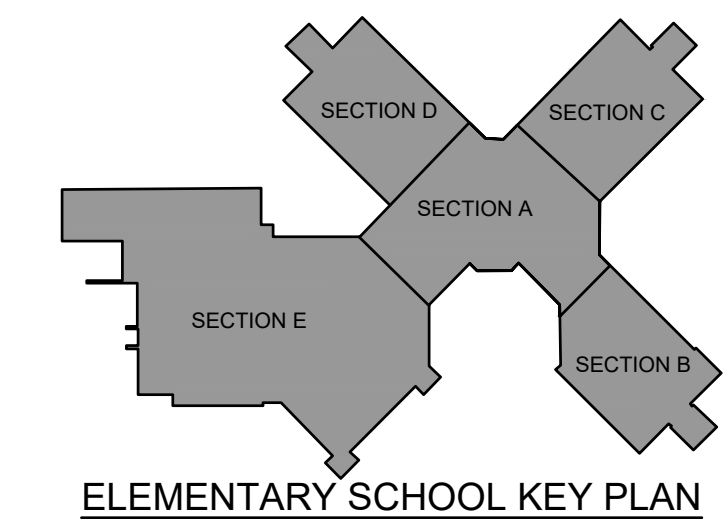
- ◆ COORDINATE ALL EQUIPMENT LOCATIONS AND ROOF PENETRATIONS OF CONDUITS WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
- ◆ PROVIDE 3/4" CONDUIT BETWEEN ROOFTOP UNIT AND WALL UNIT LOCATED IN THE IT ROOM ON THE SECOND FLOOR. PROVIDE INTERCONNECTING LOW VOLTAGE WIRING - QUANTITY, SIZE AND TYPE PER MANUFACTURER'S INSTRUCTIONS.
- ◆ PROVIDE CONNECTION OF EXISTING WIRING TO NEW ROOF MOUNTED EXHAUST FAN. PROVIDE ADDITIONAL WIRING, JUNCTION BOX AND RACEWAY TO EXTEND EXISTING CIRCUIT TO UNIT TERMINATION POINT AS REQUIRED. COORDINATE WORK WITH MECHANICAL CONTRACTOR.

FIRE ALARM NOTE

1. MAINTAIN CONTINUITY OF FIRE ALARM SYSTEM DURING DEMOLITION AND INSTALLATION OF EQUIPMENT. RECONNECT EXISTING DEVICES ASSOCIATED WITH MECHANICAL EQUIPMENT SAFED OFF UNDER DEMOLITION. COORDINATE WITH OWNER'S FIRE ALARM INSTALLER FOR INSTALLATION OF NEW DEVICES WHERE REQUIRED. RECONNECTION OF EXISTING DEVICES, TESTING AND PROGRAMMING TO ASSURE SYSTEM IS FULLY FUNCTIONAL UPON COMPLETION OF WORK.

GENERAL DRAWING NOTES

1. FOR LEGEND AND GENERAL NOTES REFER TO DRAWING E-0-01.
2. ALL WORK REQUIRING THE SHUTDOWN OR CAUSING DISRUPTION TO THE EXISTING FACILITY OR EQUIPMENT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE START OF CONSTRUCTION.
3. AFTER COMPLETION OF WORK TEST ALL NEW AND REINSTALLED EQUIPMENT AND DEVICES TO ASSURE THEY ARE IN PROPER WORKING ORDER.
4. FIRE STOPPING AT ALL PENETRATIONS OF RATED FLOORS AND WALLS. FIRE STOPPING SHALL BE HILTI CAULK CP-608 AND FOAM CP820.
5. PROVIDE SELF ADHESIVE WRAP AROUND CONDUCTOR IDENTIFICATION TAPE ON CIRCUIT CONDUCTOR AT ORIGIN AND DESTINATION AND AT SPLICES.



NO.	DATE	DESCRIPTION	MADE BY	CHKD BY
1	09/20/21	ISSUED FOR BIDDING		
2				
3				

RELEASED FOR:
BIDDING
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PROJECT MANAGER: MMH
BASE BY: N/A
DESIGNED BY: GJB
DATE: 09/20/21
CHKD: N/A



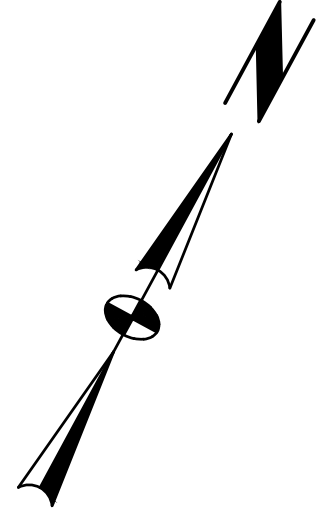
17700 SCHUYLKILL VALLEY
SPOTS, STEVENS & MCCOY
Engineers and Consultants
301-884-2000
www.ssmgroup.com

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BERKS COUNTY, PENNSYLVANIA
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10/29/21
DATE
DIGITAL FILENAME

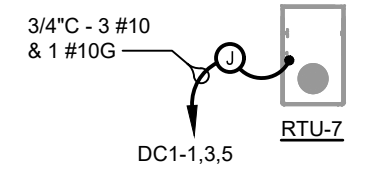
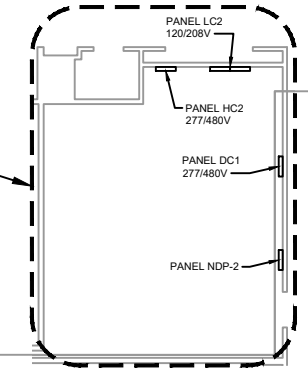
103916.0008
WORK ORDER NUMBER

EP.1-08
DRAWING NUMBER



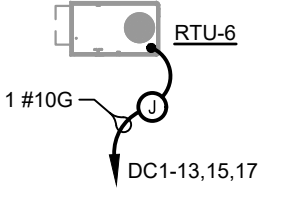
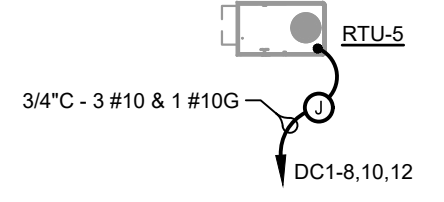
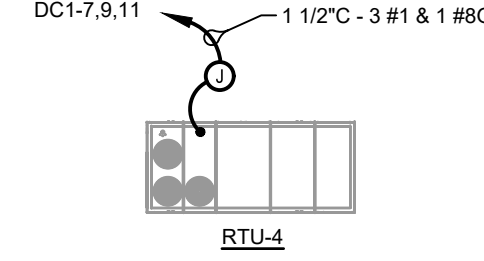
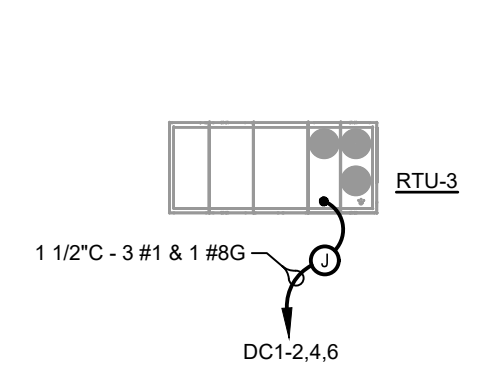
MATCHLINE EP.1-01-HS

ROOM C-14 BELOW



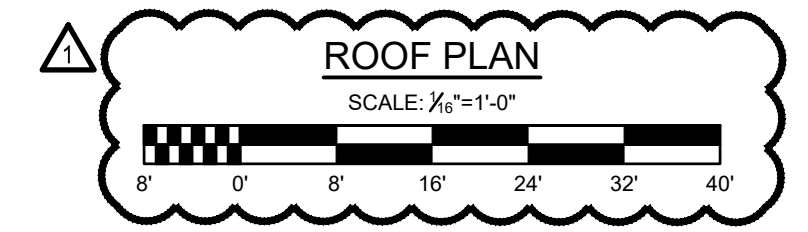
AUDITORIUM ROOF

(TYP.)



INSTALLATION NOTES
COORDINATE ALL EQUIPMENT LOCATIONS AND ROOF PENETRATIONS OF CONDUITS WITH THE MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.

GENERAL NOTES
1. MAINTAIN CONTINUITY OF FIRE ALARM SYSTEM DURING DEMOLITION OF EQUIPMENT. DISCONNECT EXISTING DEVICES ASSOCIATED WITH MECHANICAL EQUIPMENT SLATED FOR DEMOLITION AND SAFE OFF FOR RECONNECTION UNDER NEW WORK. COORDINATE WITH OWNERS FIRE ALARM INSTALLER.



NO.	DATE	DESCRIPTION	MADE BY	CHKD BY
1	09/20/21	ISSUED FOR BIDDING	TWF	MMI
2				
3				

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BIDDING

NOT FOR CONSTRUCTION

PROJECT MANAGER: MMI
DESIGNED BY: GLB
DRAWN BY: TWF
DATE: 09/20/21
CHKD:



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