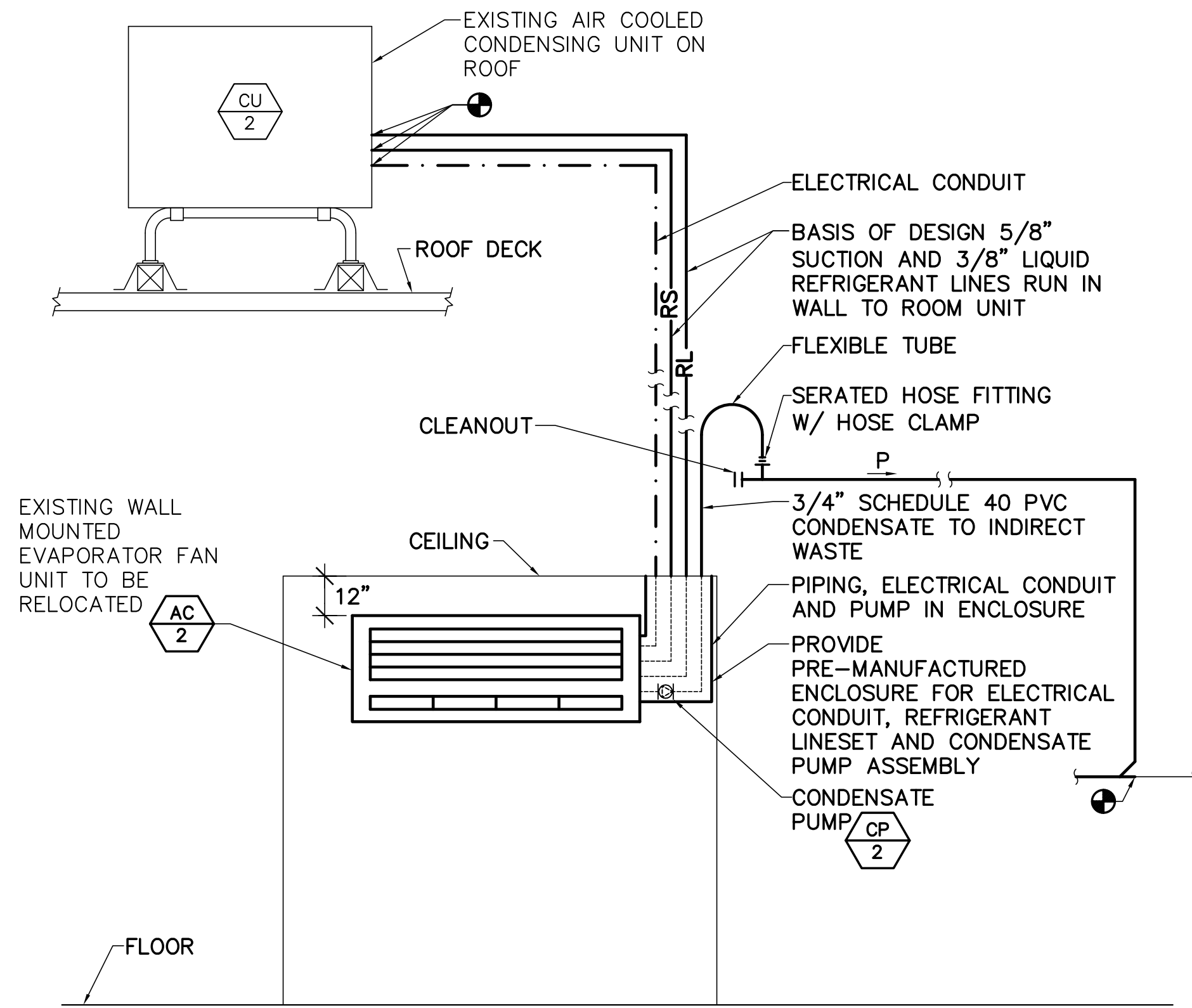
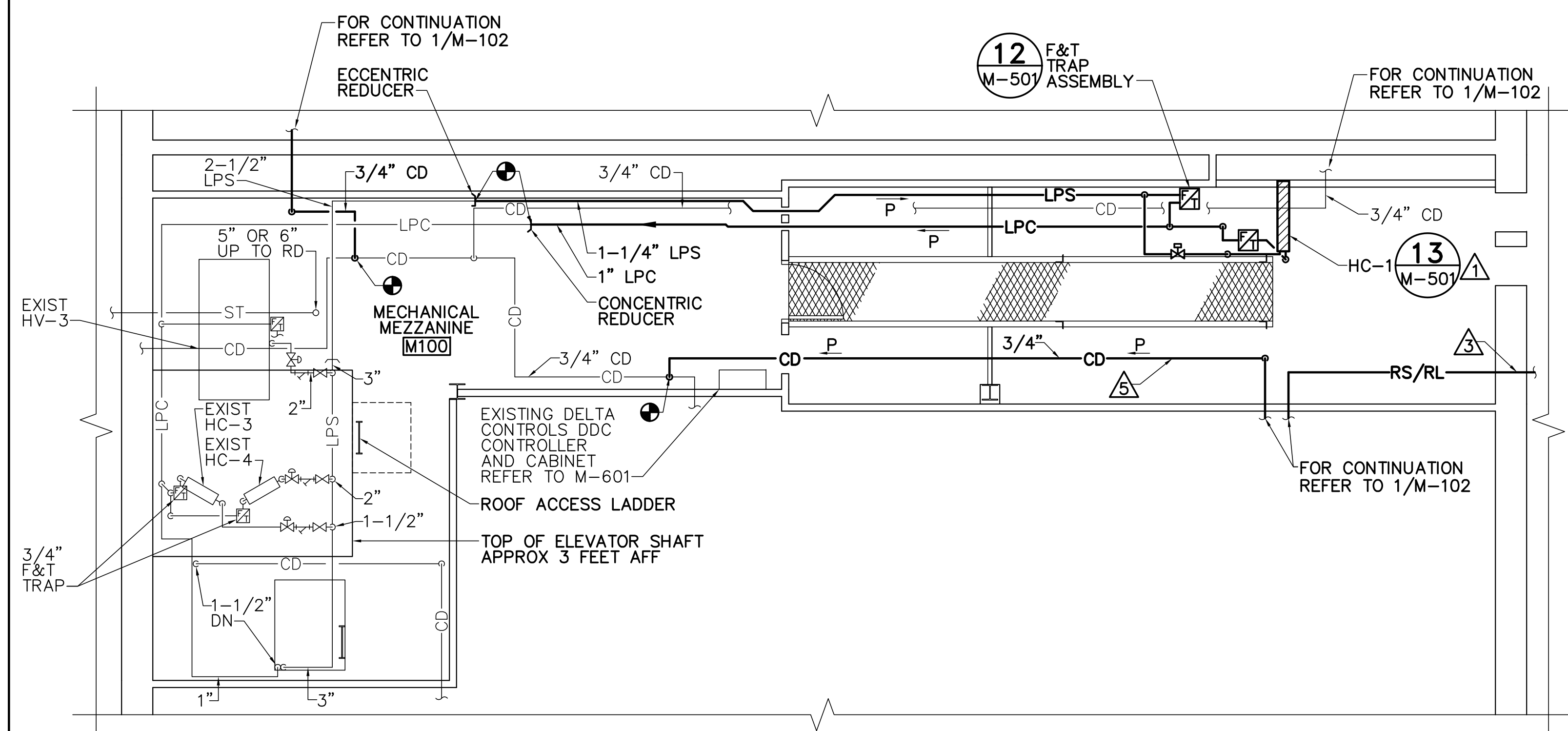


1 THIRD FLOOR MECHANICAL PIPING PART PLAN
 W-102 SCALE: 1/4"=1'-0" PLAN NORTH



3 DUCTLESS SPLIT SYSTEM ELEVATION
 M-102 NOT TO SCALE

- DRAWING KEYNOTES**
- ▲ POSITION COIL TO PERMIT SERVICE TO COIL PIPING CONNECTIONS FROM CAT WALK.
 - ▲ INSTALL TEMPORARILY STORED DUCTLESS SPLIT SYSTEM EVAPORATOR. PROVIDE POWER CABLE CONNECTION FROM CONDENSING UNIT. PROVIDE INSULATED LINE SET SIZED PER EQUIPMENT MANUFACTURER'S WRITTEN RECOMMENDATIONS. REUSE RECOVERED REFRIGERANT AND PROVIDE ADDITIONAL REFRIGERANT AS NEEDED TO MEET EQUIPMENT MANUFACTURER'S RECOMMENDED REFRIGERANT QUANTITY FOR THE REVISED SETUP. PROVIDE NECESSARY ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM. PROVIDE IN-LINE CONDENSATE PUMP, FLEXIBLE HOSE AND CONNECTIONS TO TRANSFER CONDENSATE FROM EVAPORATOR UP TO CONDENSATE DRAIN.
 - ▲ FOR CONTINUATION REFER TO 3/M-101.
 - ▲ INSTALL TEMPORARILY STORED AC REMOTE CONTROLLER WALL BRACKET. COORDINATE PLACEMENT OF REMOTE CONTROLLER AND WALL BRACKET WITH OWNER.
 - ▲ PROVIDE 3/4" PVC CONDENSATE DRAIN AND CONNECT WITH EXISTING CONDENSATE DRAIN. COORDINATE DRAIN INSTALLATION WITH DUCTWORK INSTALLATION.



2 MECHANICAL MEZZANINE PIPING PART PLAN
 W-102 SCALE: 1/4"=1'-0" PLAN NORTH

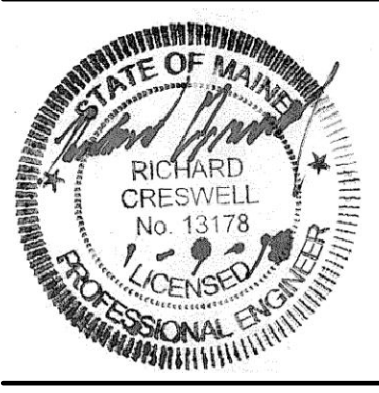
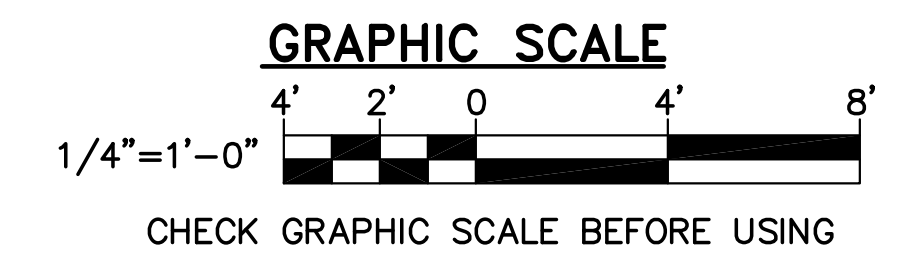
EXISTING SPLIT SYSTEM FAN COIL SCHEDULE (AC UNITS)										
UNIT NO	SERVES	NOMINAL COOLING TONS	CABINET TYPE	PEAK CFM	ESP IN WC	AHRI RATED CAPACITY	ELECTRICAL		EXISTING UNIT DESCRIPTION	NOTES
							VOLTS/PH	MCA/FLA		
AC-1	DELIVER TO OWNER	3.0	WALL MOUNTED	850	N/A	34.6 MBH	208/1	1 / 0.76	mitsubishi MSY-036NA-8	1,2,4
AC-2	CLASSROOM 301A	3.0	WALL MOUNTED	850	N/A	34.6 MBH	208/1	1 / 0.76	mitsubishi MSY-036NA-8	1,2,3

NOTES:
 1. POWERED BY OUTDOOR UNIT.
 2. COOLING ONLY UNIT.
 3. PROVIDE EASY PULL INSULATED (1/2" WALL) REFRIGERANT LINESET WITH EQUIPMENT MANUFACTURER RECOMMENDED TUBING SIZES. BASIS OF DESIGN TUBING SIZES: RL 3/8" OD; RS 5/8" OD.
 4. DELIVER AC UNIT AND ITS REMOTE CONTROLLER TO OWNER.

EXISTING REFRIGERANT CONDENSING UNIT SCHEDULE (FOR REFERENCE ONLY)										
UNIT NO	SERVES	TYPE	NOMINAL COOLING TONS	COOLING EFFICIENCY SEER	DESIGN COOLING OUTDOOR DB (F)	REFRIG TYPE	ELECTRICAL		EXISTING UNIT DESCRIPTION	
							VOLTS/PH	MCA		
CU-1	AC-1	DC INVERTER-DRIVEN TWIN ROTARY	3.0	15.0	95.0	R-410a	208/1	21	mitsubishi MUY-D36NA-1	
CU-2	AC-2	DC INVERTER-DRIVEN TWIN ROTARY	3.0	15.0	95.0	R-410a	208/1	21	mitsubishi MUY-D36NA-1	

PUMP SCHEDULE									
UNIT NO	SERVES	TYPE	GPH	TOTAL HEAD	MOTOR DATA		DISCHARGE (IN)	BASIS OF DESIGN	NOTES
					WATTS	VOLTS/PHASE			
CP-2	AC-2	CENTRIFUGAL	2.2	20 FT	16	115/1	1/4" ID	RECTORSEAL ASPEN MINI LIME, UNIVOLT	1,2

NOTES:
 1. PROVIDE WITH BUILT-IN CHECK VALVE.
 2. PROVIDE WITH COMPATIBLE ENCLOSURE SYSTEM TO CONCEAL PUMP ASSEMBLY, LINESET AND POWER CABLE TO AC UNIT.



DESIGNED BY: RNC
 DRAWN BY: RDA
 CHECKED BY: MSA
 PROJECT: 21702.01

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LECTURE HALL RENOVATION AND UPGRADES
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MECHANICAL PART PLANS AND SCHEDULES