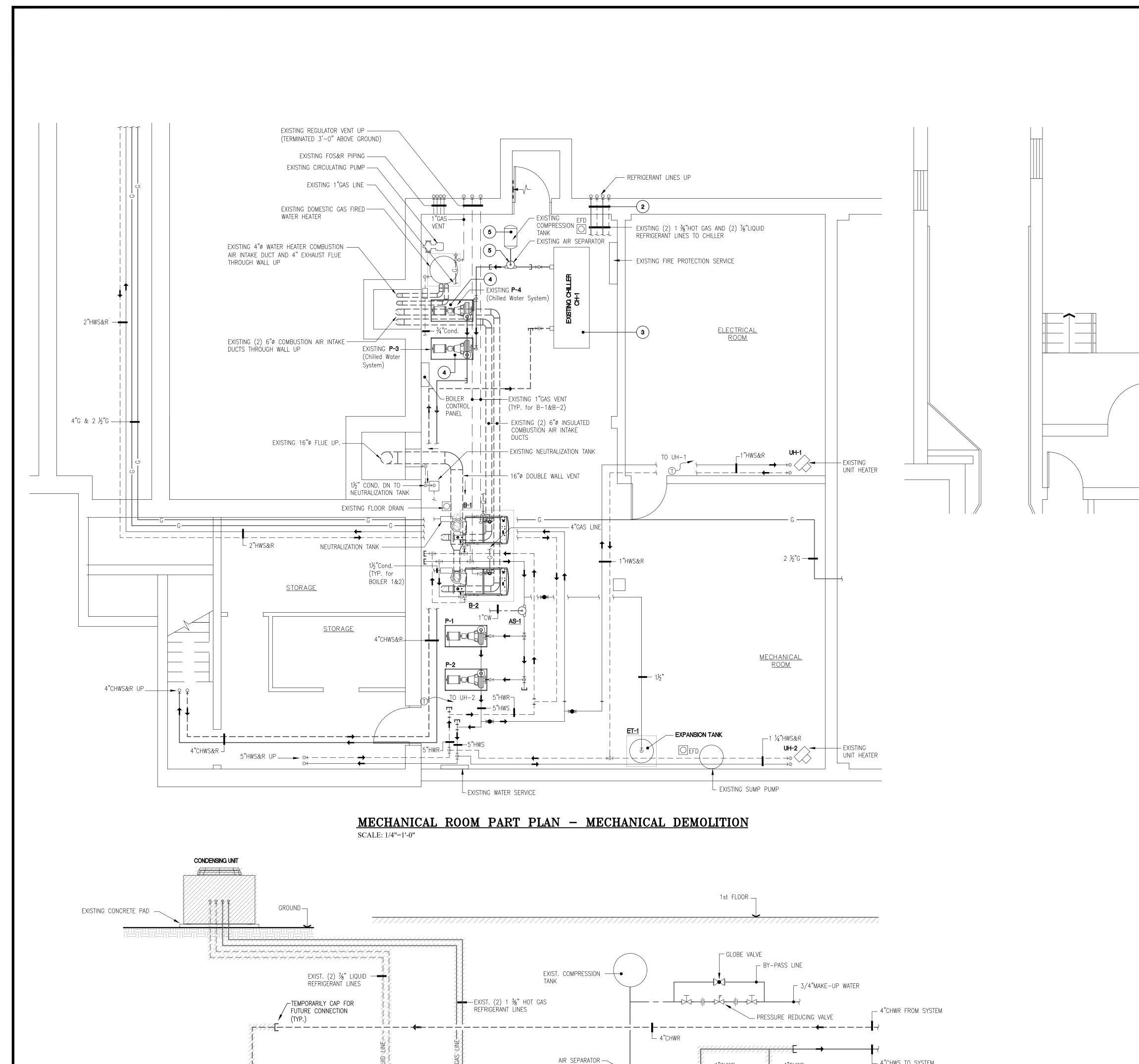
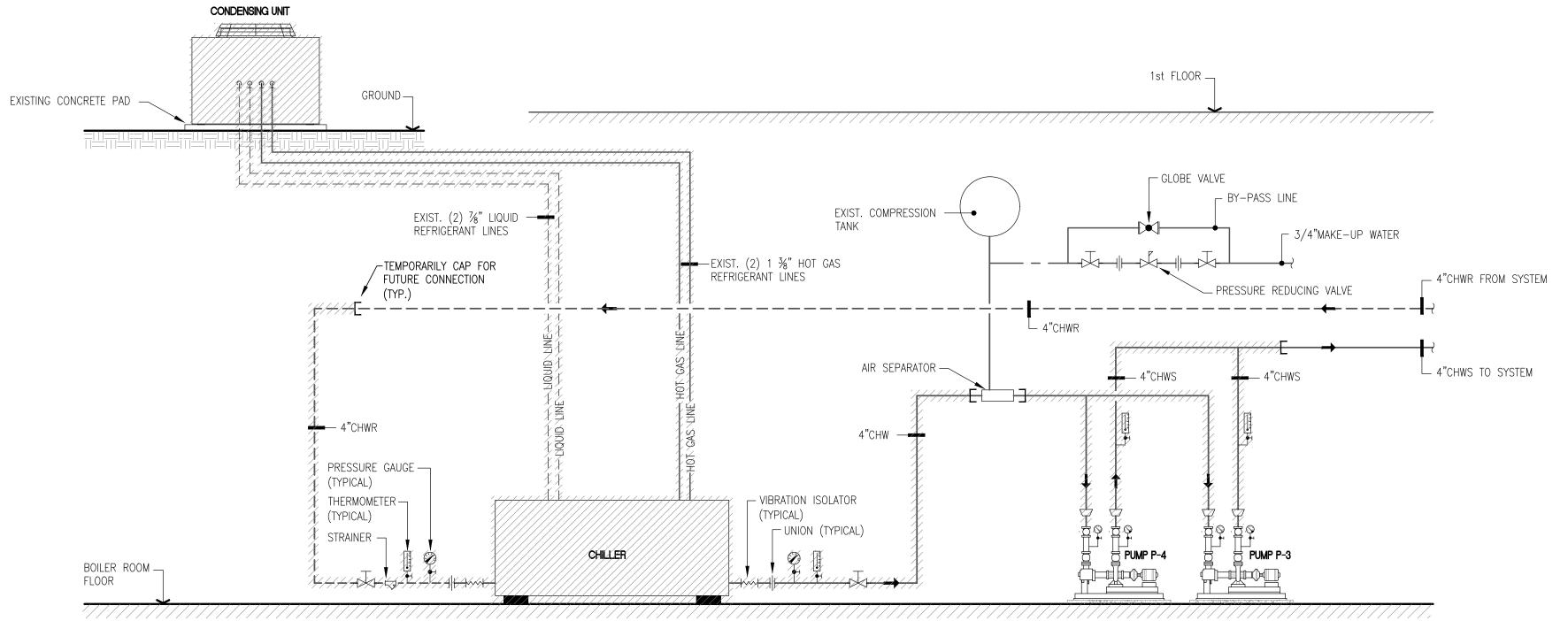
	M/E/P ENGINEER BEMIS ASSOCIATES LLC  185 MAIN STREET FARMINGTON, CONNECTICUT Phone: 880-687-3233 Fax: 860-321-7070	ROGER SHERMAN ELEMENTARY SCHOOL  CHILLER REPLACEMENT  64 N PEARL STREET  MERIDEN, CONNECTICUT 06450
08/09/2019		COVER  MECHANICAL  MI.1 MECHANICAL ROOM PART PLAN - MECHANICAL DEMOLITION and SCHERWITC EXISTING CHILLED WATER PIPING DIAGRAM  M.2 MECHANICAL ROOM PART PLAN - MECHANICAL NEW WORK, SCHEMATE PIPING DIAGRAM.  SCHEMATE PIPING DIAGRAM. SCHEDULES AND DETAILS  MI.3 MECHANICAL CONTROL DIAGRAM  ELECTRICAL  E1.1 MECHANICAL, ROOM PART PLAN ELECTRICAL DEMOLITION and NEW WORK.





EXISTING AIR CONDITIONING PIPING SCHEMATIC DIAGRAM

## FIRST FLOOR PART PLAN - MECHANICAL DEMOLITION

EXISTING EQUIPMENT

- EXISTING AIR COOLED CONDENSING UNIT ON GRADE

## GENERAL DEMOLITION NOTES

SCALE: 1/4"=1'-0"

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITY LINES INCLUDING ELECTRICAL, SEWER, WATER, GAS, TELEPHONE, ETC. THE DRAWINGS SHOW DIAGRAMMATICALLY THE APPROXIMATE LOCATION OF UTILITIES WHERE INFORMATION IS AVAILABLE, BUT THE DRAWINGS ARE NOT EXACT AS TO THE QUANTITY, EXTENT OR LOCATION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING ALL PHASES OF THE WORK TO LOCATE, IDENTIFY, AND PROTECT EXISTING UTILITIES. THE CONTRACTOR SHALL RECORD RECORD LOCATION OF AND REPAIR DAMAGE TO EXISTING UTILITIES WHICH ARE ENCOUNTERED AS A RESULT OF WORK UNDER THIS CONTRACT.
- 2 COORDINATE ALL DEMOLITION WORK WITH THE REQUIREMENTS OF THE NEW SCOPE OF WORK.

## MECHANICAL DEMOLITION WORK NOTES

- PRIOR TO SUBMITTING BID, VISIT THE SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS. INCLUDE IN THE BID ALL DEMOLITION WORK REQUIRED.
- THE DEMOLITION DRAWINGS ARE INTENDED ONLY TO DEFINE THE GENERAL SCOPE OF DEMOLITION WORK AND TO ASSIST THE CONTRACTOR DURING BIDDING. THE DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM WHICH MUST BE DISCONNECTED, REMOVED, OR RELOCATED IN ORDER TO FACILITATE NEW WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED WHETHER OR NOT SHOWN ON THE PLANS.
- COORDINATE AND SCHEDULE ALL WORK WITH THE OWNER TO MINIMIZE INCONVENIENCE TO THE BUILDING OCCUPANTS. ALL SERVICES AND SYSTEMS SERVING OCCUPIED AREAS OF THE BUILDING SHALL BE MAINTAINED IN OPERATION DURING WORKING SHIFTS.
- 4 CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY WORK REQUIRED TO KEEP THE BUILDING OCCUPIED DURING CONSTRUCTION.
- REMOVE AND/OR RELOCATE ALL EXISTING MECHANICAL WORK AS NECESSARY FOR THE PERFORMANCE OF THE WORK OF THIS CONTRACT.
- 6 REMOVE ALL DEMOLITION MATERIAL FROM THE JOB SITE UNLESS NOTED DIFFERENTLY. - CONTRACTOR SHALL MEASURE AND RECORD EXISTING CHILLED WATER FLOW PRIOR TO DEMOLITION.

	- MECHANICAL DEMOLITION WORK SYMBOLS -
TAG	ACTION
1	EXISTING AIR COOLED CONDENSING UNIT AND ACCESSORIES SHALL BE REMOVED. EXISTING CONCRETE PAD SHALL REMAIN.
2	EXISTING REFRIGERANT PIPING AND ACCESSORIES SHALL BE REMOVED. RECOVER EXISTING REFRIGERANT PER LOCAL, STATE AND FEDERAL REQUIREMENTS. PATCH TO MATCH OPENINGS.
3	EXISTING CHILLER AND ACCESSORIES SHALL BE REMOVED. CAP REMAINING CHWS&R PIPES FOR FUTURE CONNECTION.
4)	EXISTING CHILLED WATER PUMPS, ASSOCIATED PIPING AND CONCRETE PAD SHALL BE REMOVED.  CAP REMAINING PIPES FOR FUTURE CONNECTION
5	EXISTING CHILLED WATER SYSTEM COMPRESSION TANK AND AIR SEPARATOR SHALL REMAIN.

			EXISTING PUMP SCH	EDULE (FOR	REFERENC	E ONL	r)							
PUMP No.	LOCATION	AREA SERVED	TYPE MANUFACTURER MODEL		GPM	HEAD (FT)	RPM	HP	VOLTS	PH	Hz	IMPELLER	REMARKS	
P-3	BOILER RM	CHILLED WATER SYSTEM	BASE MTD. CENTRIFUGAL	TACO	BB 4008	140	45	1750	3	208	3	60	7"	1
P-4	BOILER RM	CHILLED WATER SYSTEM (STAND-BY)	BASE MTD. CENTRIFUGAL	TACO	BB 4008	140	45	1750	3	208	3	60	7"	1

**REMARKS:** 1. SUPPLEMENTAL BID # 1

	EXISTING CONDENSING UNIT SCHEDULE (FOR REFERENCE ONLY)														
UNIT No.	MANUFACTURER	MODEL	CAPACITY (TONS)	EDB(*F)	CONDEN	NSER I		FLA(EA.)	CON QTY.	APRESS RLA	OR LRA	LIQUID AND SUCTION LINES	ELECTRICAL	REFRIGERANT	REMARKS
CU-1	TRANE	CAUB-C60	57.4	95°	_	6	25.6	4.1	_	_	_	(2) %" LIQUID & (2) 1 %" HOT GAS	208-3-60	R-22	1

**REMARKS:** 1. SUPPLEMENTAL BID # 1

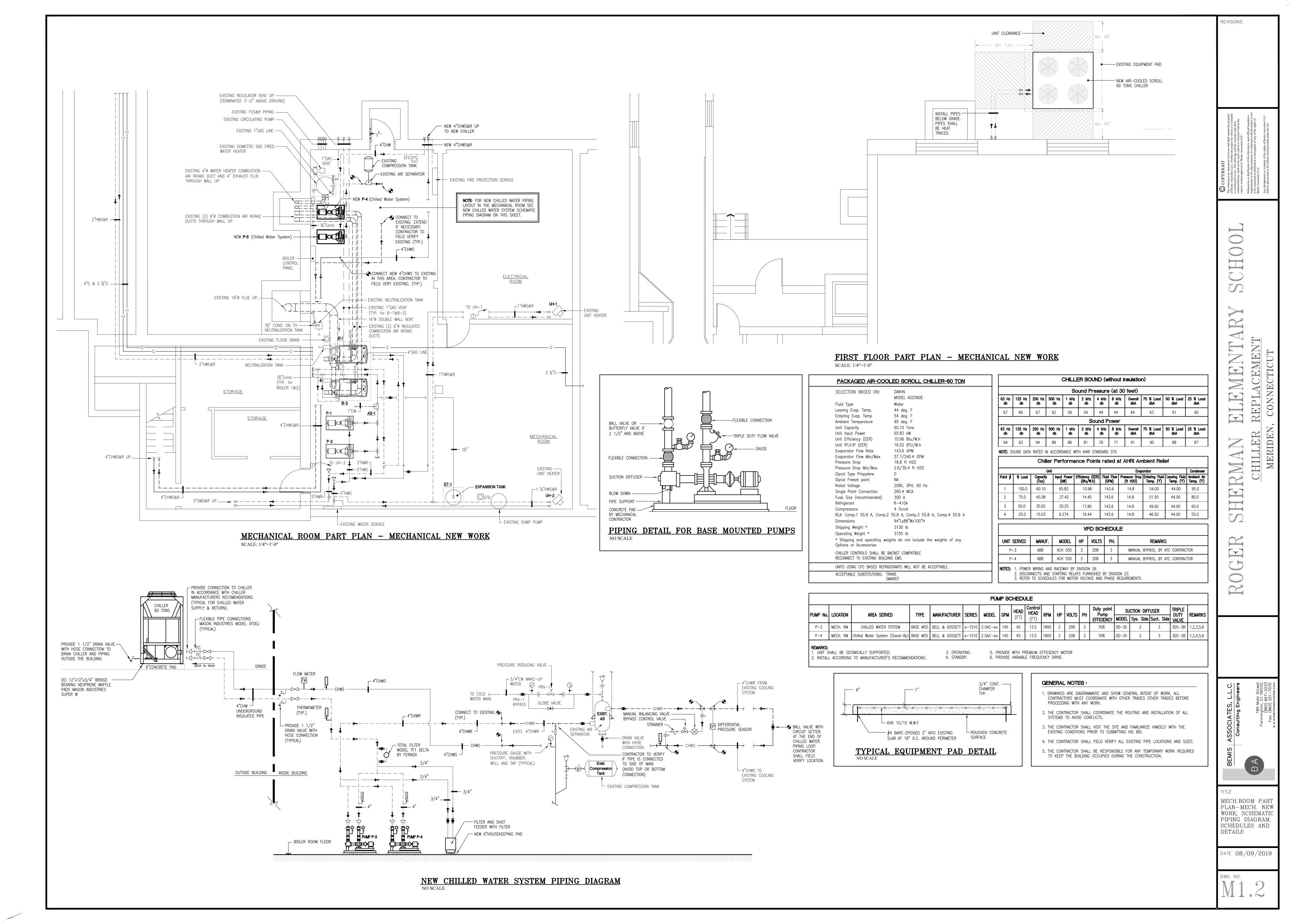
	CHILLER SCHEDULE (FOR REFERENCE ONLY)														
Unit No.	LOCATION	MANUFACTURER	MODEL	EWT(*F)	LWT(*F)	TONS COOLING 95° AMB.	NUMBER OF COMPRESSORS	RLA	ELECTRICAL	KW	GPM	WEIGHT (lbs)	WPD (FT.)	MCA	REMARKS
CH-1	BOILER RM	TRANE	CCAC-C60M	55°	45°	57.2	2	127	208-3-60	67.4	123	2247	12	286	1

**REMARKS:** 1. SUPPLEMENTAL BID # 1

CHILLEI MERIDE

TITLE MECH.ROOM PART PLAN-MECH. DEMOLITION and SCHEMATIC EXISTING CHILLED WATER PIPING DIAGRAM

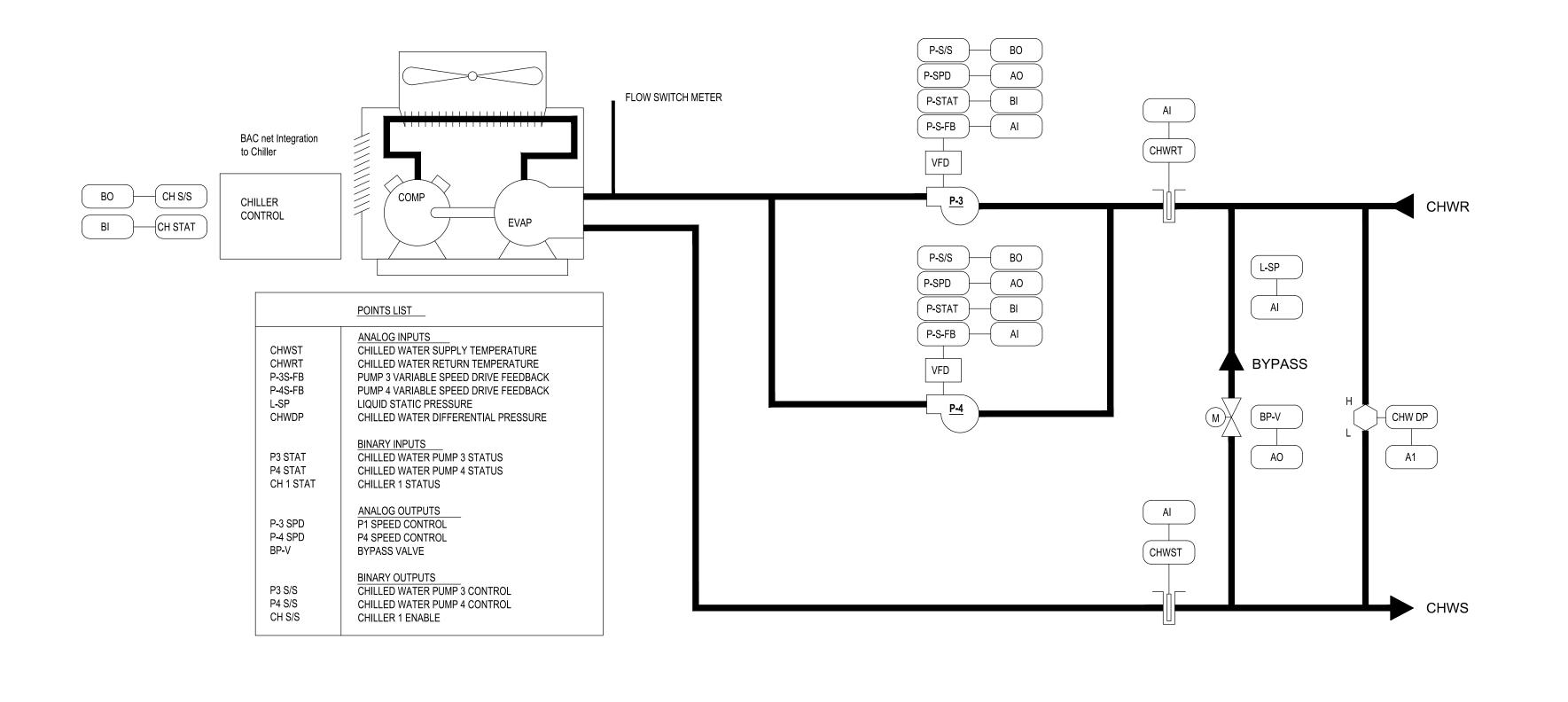
DATE 08/09/2019



CONTROL DIAGRAM

DATE 08/09/2019

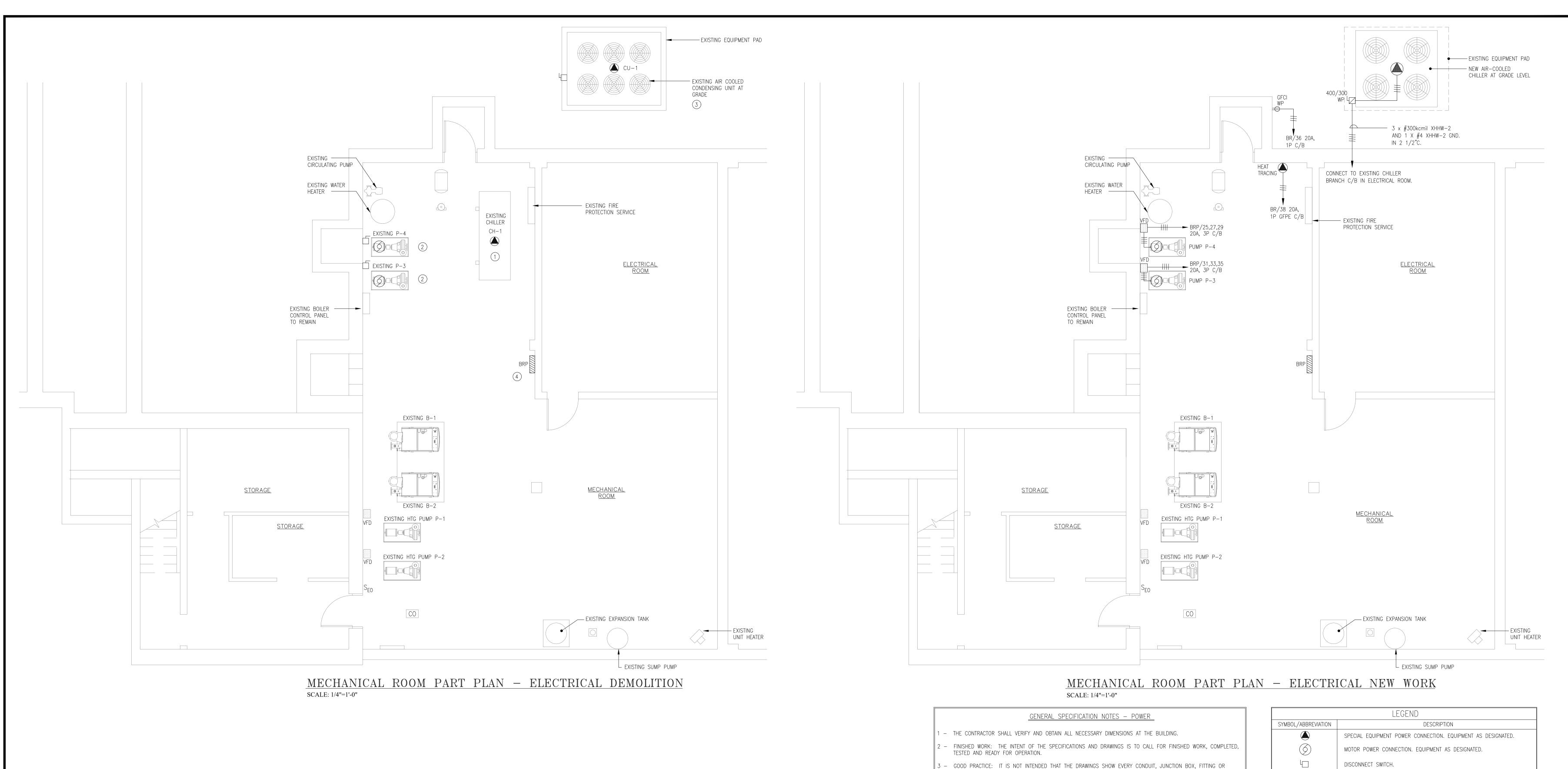
DWG. NO.



CHILLER CONTROL DIAGRAM

## GENERAL DRAWING NOTES:

- 1. ALL ELECTRIC WIRING, CONNECTIONS, DEVICES, RACEWAY AND HARDWARE REQUIRED FOR THE INSTALLATION OF THE TEMPERATURE CONTROL SYSTEM AS SPECIFIED AND SHOWN ON THE DRAWINGS SHALL BE PROVIDED BY THE TEMPERATURE CONTROLS CONTRACTOR (TCC).
- 2. ALL CONTROL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE CONTROL SYSTEM MANUFACTURER'S REQUIREMENTS AND CURRENT CODES.
- 3. ALL LOW VOLTAGE CONTROL WIRING SHALL BE PLENUM RATED CABLE OF TYPES AND SIZES REQUIRED BY THE CONTROL SYSTEM MANUFACTURER. PROVIDE MINIMUM OF 3/4" EMT CONDUIT FOR ALL WIRING EXPOSED TO VIEW AND FOR WIRING DROPS AND RUNS WITHIN WALLS. EMT FITTINGS AND CONNECTORS SHALL BE STEEL SET SCREW TYPE.
- 4. ALL CONDUITS SHALL TERMINATE WITH JUNCTION BOXES OR OUTLET BOXES. PROVIDE BUSHINGS FOR ALL WIRING ENTRIES INTO THE CONDUIT SYSTEM.
- 5. ALL TEMPERATURE CONTROL WIRING SHALL BE NEATLY INSTALLED WITH CABLE RUNS INSTALLED PARALLEL TO OR AT RIGHT ANGLES TO THE LINES OF THE BUILDING. ALL WIRING IN NORMALLY OCCUPIED AREAS OF THE BUILDING SHALL BE CONCEALED FROM VIEW. OPEN CABLE RUNS ABOVE CEILINGS SHALL BE BUILDING THE FORM OF THE SHALL THE PROPERTY OF BE SUPPORTED FREE FROM THE CEILING AND MECHANICAL/ELECTRICAL EQUIPMENT USING APPROVED CABLE HANGERS AND CABLE CLIPS.
- 6. THE TEMPERATURE CONTROL CONTRACTOR SHALL COORDINATE POWER SUPPLY REQUIREMENTS OF THE CONTROL SYSTEM WITH DIVISION 26.
- 7. REFER TO SPECIFICATION FOR ADDITIONAL CONTROLS REQUIREMENTS AND THE EQUIPMENT SEQUENCE OF OPERATIONS.
- 8. ALL CONTROLS DEVICES AND ELECTRONICS SHALL BE INSTALLED WITHIN A NEMA-1 ENCLOSURE LOCATED WITHIN PROXIMITY TO THE EQUIPMENT SERVED.
- 9. REFER TO MECHANICAL SPECIFICATIONS FOR SEQUENCE OF OPERATIONS AND ADDITIONAL DDC SENSORS REQUIREMENT.



ELECTRICAL DEMOLITION WORK NOTES

OF THIS CONTRACT.

OTHERWISE.

BID ALL DEMOLITION WORK REQUIRED.

- PRIOR TO SUBMITTING BID, VISIT THE SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT

WORK TO BE PERFORMED. NO COMPENSATION WILL BE GRANTED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY

WITH SITE CONDITIONS THAT ARE VISIBLE OR READILY CONSTRUED BY EXPERIENCED OBSERVERS. INCLUDE IN THE

- THE DEMOLITION DRAWINGS ARE INTENDED ONLY TO DEFINE THE GENERAL SCOPE OF DEMOLITION WORK AND TO

ASSIST THE CONTRACTOR DURING BIDDING. THE DEMOLITION DRAWINGS MAY NOT SHOW EVERY ITEM WHICH MUST

BE DISCONNECTED, REMOVED, OR RELOCATED IN ORDER TO FACILITATE NEW WORK. THE CONTRACTOR SHALL BE

3 - REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL WORK AS NECESSARY FOR THE PERFORMANCE OF THE WORK

- REMOVE ALL DEMOLITION MATERIAL FROM THE JOB SITE UNLESS NOTED DIFFERENTLY. MATERIAL REQUESTED BY THE

PROVIDE WIRING AS REQUIRED AND RECONNECT EXISTING FIXTURES, DEVICES, OR EQUIPMENT THAT ARE TO REMAIN ACTIVE, BUT HAVE BEEN DISCONNECTED DURING DEMOLITION OF OTHER FIXTURES, DEVICES, OR EQUIPMENT.

4 - EXISTING ELECTRICAL EQUIPMENT, WIRING, AND RACEWAYS SHALL NOT BE REUSED UNLESS SPECIFICALLY NOTED

OWNER FOR SALVAGE SHALL BE DELIVERED TO THE OWNER'S DESIGNATED MATERIAL STORAGE AREA.

RESPONSIBLE FOR ALL DEMOLITION WORK REQUIRED WHETHER OR NOT SHOWN ON THE PLANS.

- ELECTRICAL DEMOLITION WORK SYMBOLS -

EXISTING CHILLER TO BE REMOVED. DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT BACK TO EXISTING SOURCE PANELBOARD.

SOURCE PANELBOARD. DISCONNECT AND REMOVE EXISTING STARTER AND DISCONNECT SWITCH.

EXISTING G.E. A SERIES 208Y/120V, 125 AMP PANELBOARD BRP SHALL REMAIN. PROVIDE A NEW

(4) 20A, 1P C/B FOR NEW RECEPTACLE BRANCH CIRCUIT AND A NEW 20A, 1P GFPE FOR NEW HEAT

WIRING AND CONDUIT BACK TO SOURCE PANELBOARD.

TRACING BRANCH CIRCUIT.

DISCONNECT AND REMOVE EXISTING CHILLED WATER PUMPS BRANCH CIRCUIT WIRING AND CONDUIT BACK TO

EXISTING CHILLER CONDENSING UNIT TO BE REMOVED. DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT

MINOR DETAIL AND IT IS UNDERSTOOD THAT WHILE THE DRAWINGS MUST BE FOLLOWED AS CLOSELY AS CIRCUMSTANCES WILL PERMIT, THE SYSTEMS SHALL BE INSTALLED ACCORDING TO THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS AND IN ACCORDANCE WITH GOOD PRACTICE.

- ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON DRAWINGS BUT MENTIONED IN SPECIFICATIONS OR VICE VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND PERFECT IN ALL RESPECTS AND READY FOR OPERATION, EVEN IF NOT PARTICULARLY SPECIFIED, SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.

CODES AND STANDARDS - COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES AND STANDARDS WHEREVER APPLICABLE INCLUDING THE FOLLOWING: 2018 CONNECTICUT STATE BUILDING CODE, 2015 INTERNATIONAL BUILDING CODE, 2018 CONNECTICUT FIRE SAFETY CODE, 2015 INTERNATIONAL FIRE CODE, 2013 NFPA 72 NATIONAL FIRE ALARM CODE, 2017 NFPA 70 NATIONAL ELECTRICAL CODE, 2010 NFPA 110 STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2015 INTERNATIONAL ENERGY CONSERVATION CODE, ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, ADA, NFPA, UNDERWRITERS LABORATORIES,

NOTE THAT THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF THE ELECTRICAL EQUIPMENT AND SYSTEMS, WITHOUT SHOWING EVERY DETAIL AND FITTING.

RACEWAYS: PROVIDE EMT CONDUIT FOR ALL WIRING. EMT CONNECTORS AND COUPLINGS SHALL BE GALVANIZED STEEL SET-SCREW TYPE. PROVIDE GLAND COMPRESSION CONNECTORS AND COUPLINGS WHERE LOCATED IN DAMP AND WET LOCATIONS. PROVIDE FLEXIBLE STEEL CONDUIT FOR FINAL CONNECTIONS TO MOTOR DRIVEN EQUIPMENT. PROVIDE LIQUID TIGHT FLEXIBLE STEEL CONDUIT FOR FINAL CONNECTIONS TO MOTOR DRIVEN EQUIPMENT LOCATED OUTDOORS.

8 - BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, RATED 600 VOLTS, 90 DEG.C., COLOR CODED, TYPE XHHW-2.

9 - WIRE SIZE #8 AWG AND LARGER SHALL BE STRANDED. WIRE OF SIZE SMALLER THAN #8 AWG SHALL BE SOLID.

- MINIMUM SIZE CONDUCTORS FOR POWER AND LIGHTING SHALL BE #12 AWG. PROVIDE MINIMUM #10 AWG SIZE FOR

RUNS EXCEEDING 75' IN CONDUCTOR LENGTH, AND #8 AWG SIZE FOR RUNS EXCEEDING 150' IN CONDUCTOR LENGTH. PROVIDE LARGER SIZE CONDUCTORS AS SCHEDULED OR AS NOTED ON THE DRAWINGS.

- THE NUMBER OF WIRES IN A CONDUIT RUN IS INDICATED ON THE DRAWINGS BY CROSS LINES ON THE CONDUIT RUNS. PROVIDE CODE—SIZED CONDUIT FOR THE NUMBER AND SIZE OF WIRES UNLESS A LARGER SIZE IS SHOWN ON THE DRAWINGS. MINIMUM CONDUIT SIZE SHALL BE 3/4".

12 - RACEWAYS SHALL BE CONCEALED WHEREVER POSSIBLE IN ALL FINISHED AREAS.

13 - RACEWAYS SHALL BE RUN PARALLEL TO OR AT RIGHT ANGLES TO WALL LINES.

FACTORY MUTUAL INSURANCE COMPANY, NEMA STANDARDS.

14 - RACEWAYS SHALL BE SUPPORTED FROM THE STRUCTURE BY STRAP HANGERS, ROD HANGERS, OR RACK MOUNTED, OR OTHER APPROVED ELECTRICAL MOUNTING.

15 - PROVIDE FIRE STOPPING AT ALL FIRE AND/OR SMOKE RATED WALL OR CEILING PENETRATIONS IN ORDER TO MAINTAIN ITS ORIGINAL INTEGRITY.

16 — OUTLET BOXES SHALL BE CODE GAUGE GALVANIZED STEEL AND SHALL BE OF SHAPES AND SIZES TO SUIT THEIR RESPECTIVE LOCATIONS AND INSTALLATIONS, AND SHALL BE PROVIDED WITH COVERS TO SUIT THEIR FUNCTION AND INSTALLATION. MINIMUM BOX SIZE SHALL BE 4" SQ. X 2 1/8" DEEP (2-GANG). PROVIDE CAST BOXES FOR OUTDOOR WORK.

17 - OUTLET BOXES SHALL BE EQUIPPED WITH FIXTURE STUD OR STRAPS WHERE REQUIRED.

18 - INSTALL BOXES IN ACCESSIBLE LOCATIONS AND AT UNIFORM HEIGHTS.

19 - SET BOXES AND COVERS SQUARE AND TRUE WITH BUILDING FINISH.

20 - BRANCH CIRCUIT WIRING AND ARRANGEMENT OF HOME RUNS HAS BEEN DESIGNED FOR MAXIMUM ECONOMY CONSISTENT WITH ADEQUATE SIZING FOR VOLTAGE DROPS, CIRCUIT AMPACITIES, AND OTHER CONSIDERATIONS. INSTALL THE WIRING WITH CIRCUITS ARRANGED AS SHOWN ON THE DRAWINGS. EXCEPT AS APPROVED IN ADVANCE BY THE ARCHITECT AND ENGINEER. DO NOT MAKE CHANGES WITHOUT PRIOR APPROVAL.

1 - PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH 120V SINGLE PHASE CIRCUIT. DO NOT USE A COMMON NEUTRAL FOR GROUPS OF CIRCUITS. PROVIDE A SEPARATE GROUND WIRE FOR EACH CIRCUIT BACK TO THE RESPECTIVE PANEL GROUND. IF MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE INSTALLED IN ONE CONDUIT THEY SHALL BE DE-RATED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. DO NOT INSTALL MORE THAN THREE 30 AMP SINGLE PHASE OR FOUR 20 AMP SINGLE PHASE CIRCUITS IN THE SAME CONDUIT.

	LEGEND
SYMBOL/ABBREVIATION	DESCRIPTION
	SPECIAL EQUIPMENT POWER CONNECTION. EQUIPMENT AS DESIGNATED.
	MOTOR POWER CONNECTION. EQUIPMENT AS DESIGNATED.
<u> </u>	DISCONNECT SWITCH.
42	FUSED DISCONNECT SWITCH.
	CONDUCTORS IN CONDUIT. CROSS LINES INDICATE NUMBER OF CONDU
	BRANCH CIRCUIT HOMERUN IN CONDUIT. CROSS LINES INDICATE NUMBI CONDUCTORS.
S <sub>EO</sub>	EXISTING EMERGENCY SHUT OFF SWITCH
(//////	PANELBOARD
CO	CARBON MONOXIDE DETECTOR.
VFD	VARIABLE FREQUENCY DRIVE.
А	AMPS.
AFF	ABOVE FINISHED FLOOR.
С	CONDUIT.
C/B	CIRCUIT BREAKER.
GFCI	INDICATES DEVICE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTEI
GND.	GROUND.
Р	POLE.
WP	WEATHER PROOF.

SCHEDULE	OF BRANCH CIRCUIT CONDUCTOR SIZES
C/B SIZE	* CIRCUIT SIZE
20A-1P	** 2 X #12 AWG AND 1 X #12 AWG GND. IN 3/4" C.
20A-2P	2 X #12 AWG AND 1 X #12 AWG GND. IN 3/4" C.
20A-3P	3 X #12 AWG AND 1 X #12 AWG GND. IN 3/4" C.
25A-1P	2 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
25A-2P	2 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
25A-3P	3 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
30A-1P	2 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
30A-2P	2 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
30A-3P	3 X #10 AWG AND 1 X #10 AWG GND. IN 3/4" C.
35A-1P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
35A-2P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
35A-3P	3 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
40A-1P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
40A-2P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
40A-3P	3 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
45A-1P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
45A-2P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
45A-3P	3 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
50A-1P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
50A-2P	2 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.
50A-3P	3 X #8 AWG AND 1 X #10 AWG GND. IN 3/4" C.

\* PROVIDE CIRCUIT SIZE AND NUMBER OF CONDUCTORS SCHEDULED

UNLESS NOTED OR SHOWN DIFFERENTLY ON THE DRAWINGS. \*\* PROVIDE #10 AWG SIZE CONDUCTORS FOR BRANCH CIRCUIT RUNS EXCEEDING 75' IN CONDUCTOR LENGTH AND #8 AWG SIZE CONDUCTORS FOR BRANCH CIRCUIT RUNS EXCÉEDING

150' IN CONDUCTOR LENGTH.

DWG. NO.

CHILLE

TITLE MECHANICAL ROOM PART PLAN ELECTRICAL DEMOLITION AND NEW WORK

DATE 08/09/2019