



1126 South Commerce St.  
Harlingen, TX 78550  
Off: (956) 230-3435  
Fax: (956) 720-0830  
[www.ethoseng.net](http://www.ethoseng.net)



February 5, 2024  
IDEA Weslaco Mechanical Upgrades

## **ADDENDUM NO. 2**

### **A. PURPOSE AND INTENT**

This addendum is issued for the purpose of modifying the plans for the project referenced above. This addendum shall become part of the contract and all contractors shall be bound by its content. All aspects of the specifications and drawings not covered herein shall remain the same. The General Conditions and the Special Conditions of the specifications shall govern all parts of the work and apply in full force to this addendum.

### **B. SCOPE**

#### **I. Clarifications**

1. See attached pre-bid sign-in sheet.
2. See attached plan holder list.

#### **II. Specifications**

1. Section 238113.11 - Packaged Terminal Air-Conditioners- Through-Wall Units: Provide hot gas reheat coils and related dehumidification controls package option.

#### **III. Drawings**

1. Sheet ME2.1:
  - a) Revised Mechanical & Electrical Demolition Plan. See attached sheet.
2. Sheet ME2.3:
  - a) Revised Mechanical & Electrical Renovation Plan. See attached sheet.
3. Sheet ME3.1:
  - a) Revised Mechanical & Electrical Renovation Plan. See attached sheet.
4. Sheet ME5.1:
  - a) Revised Equipment Connection Schedule. See attached sheet.
  - b) Revised equipment schedules. See attached sheet.



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Phone: 956-230-3435

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**IDEA Public Schools IDEA Weslaco Mechanical Upgrades RFP# 20-WCTX-0224**  
**11:00 AM Tuesday, January 30, 2024**  
**PRE-BID SIGN IN SHEET**

<u>NAME</u> <u>EMAIL</u>	<u>COMPANY</u>	<u>PHONE</u>	<u>FAX</u>
Cesar Gonzalez <a href="mailto:cgonzalez@ethoseng.net">cgonzalez@ethoseng.net</a>	Ethos Engineering	956-230-3435	956-720-0830
Gerardo Juarez <a href="mailto:gerardo@ethoseng.net">gerardo@ethoseng.net</a>	Ethos Engineering	956-230-3435	
Chad Ufland <a href="mailto:c.ufland@cahsinc.com">c.ufland@cahsinc.com</a>	CAHS	956-428-4509	
Marcos Rios <a href="mailto:Marcos.rios@cahsinc.com">Marcos.rios@cahsinc.com</a>	CAHS	956-428-4509	
Olivia Chapa <a href="mailto:o.chapa@cahsinc.com">o.chapa@cahsinc.com</a>	CAHS	956-428-4509	
Tony Moncada <a href="mailto:Juan.monccadajr@carrier.com">Juan.monccadajr@carrier.com</a>	Carrier		
Mike <a href="mailto:estimates@komplexelectric.us">estimates@komplexelectric.us</a>	Komplex	956-424-9006	
Jose Tique <a href="mailto:Jose.tique@texaschillersystems.com">Jose.tique@texaschillersystems.com</a>	Texas Chiller System		
Noe Salinas <a href="mailto:Noe.salinas@texaschillersystems.com">Noe.salinas@texaschillersystems.com</a>	Texas Chiller System	956-764-0354	



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Project: IDEA Weslaco Mechanical Upgrades RFP# 20-WCTX-0224  
 Bid Date: February 8, 2024 @ 3PM  
 Bid Conference: January 30, 2024 @11AM via MS Teams

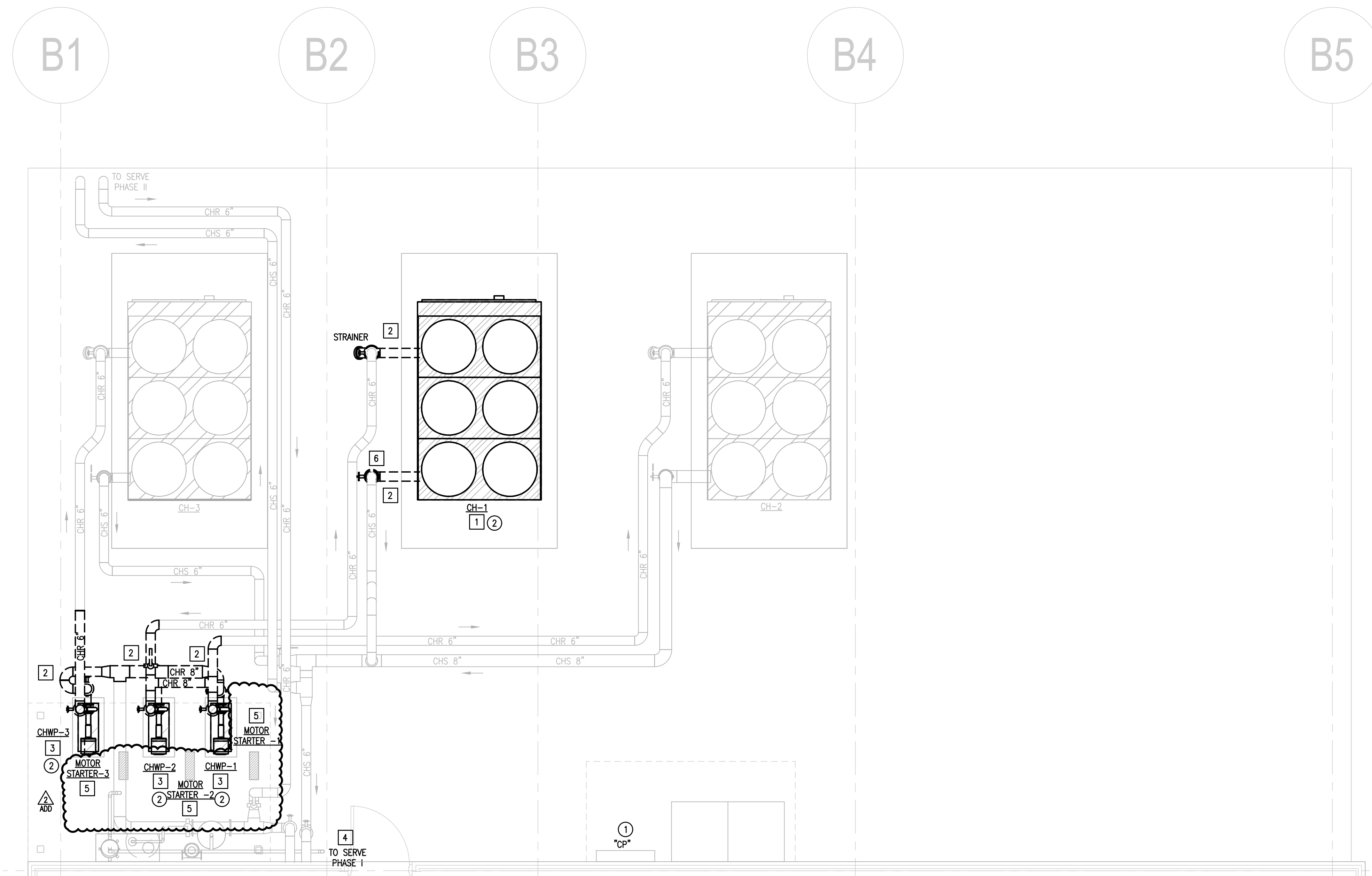
Contractor Name:	<u>AGC Planroom</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>sanjuana@rgvagc.org</u>	Plan# _____	
Check #	_____		
-----			
Contractor Name:	<u>Dodge Construction Network</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>milica.yurong@construction.com</u>	Plan# _____	
Check #	_____		
-----			
Contractor Name:	<u>Construct Connect</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>matthew.douglas@constructconnect.com</u>	Plan# _____	
Check #	_____		
-----			
Contractor Name:	<u>Virtual Builders</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>heidi@virtualbx.com</u>	Plan# _____	
Check #	_____		
-----			
Contractor Name:	<u>Omar Rodriguez- Johnson Controls</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	<u>956-451-5470</u>		
Email:	<u>omar.1.rodriguez@jci.com</u>	Plan# <u>digital via hightail</u>	
Check #	_____		
-----			
Contractor Name:	<u>Juan Moncada Jr.</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>juan.moncadajr@carrier.com</u>	Plan# <u>Public Purchase Portal</u>	
Check #	_____		



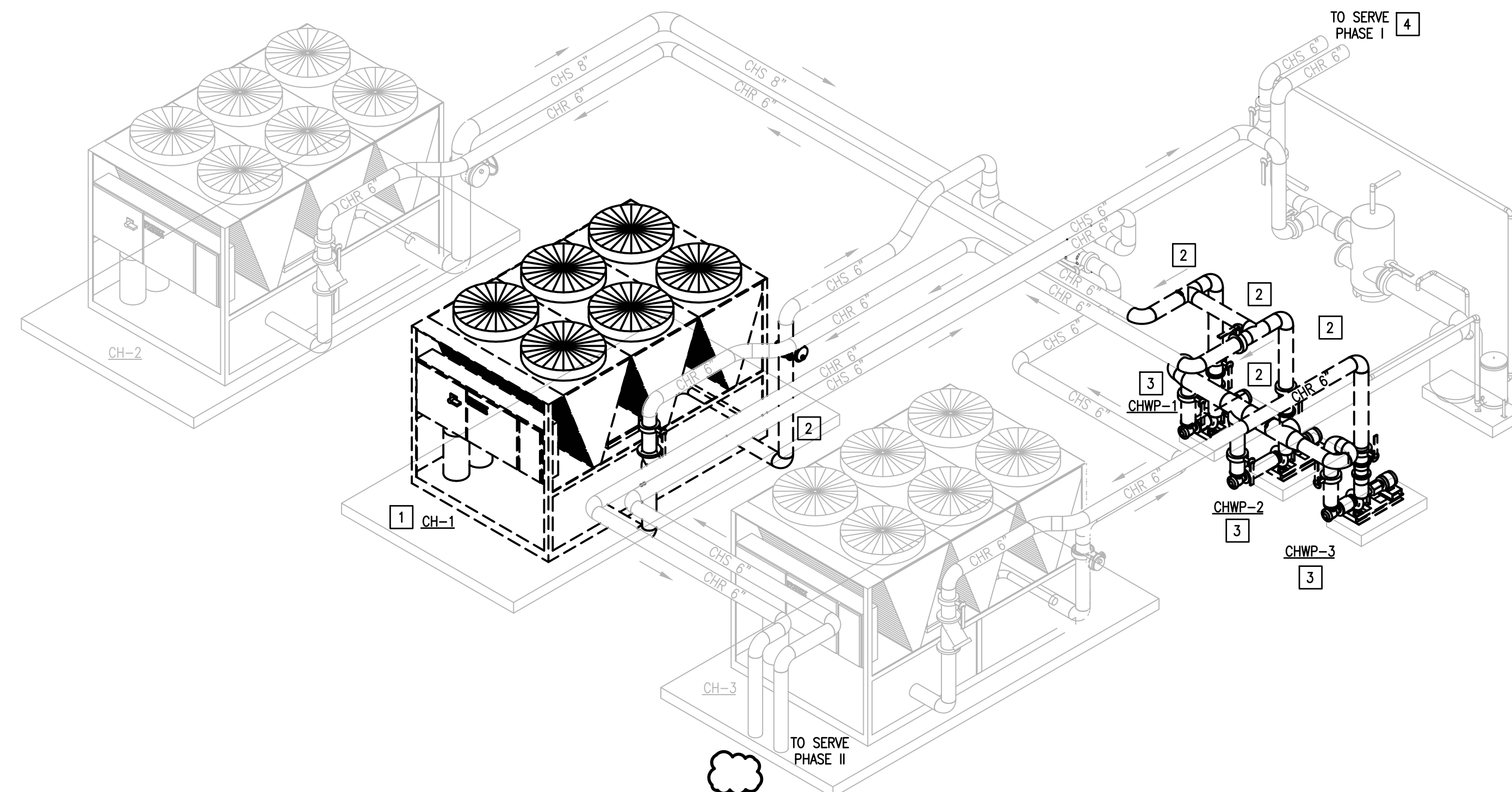
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Project:  
 Bid Date:  
 Bid Conference:

Contractor Name:	<u>Trent Hausenfluck</u>	Addendum# <u>1</u>	Date: <u>1/29/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	<u>956-781-2496</u>		
Email:	<u>trent@dandfindustries.com</u>	Plan# <u>digital via hightail</u>	
Check #	_____		
-----			
Contractor Name:	<u>Noe Salinas - Texas Chiller Systems</u>	Addendum# <u>1</u>	Date: <u>1/30/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	<u>956-764-0354</u>		
Email:	<u>noe.salinas@texaschillersystems.com</u>	Plan# <u>AGC</u>	
Check #	_____		
-----			
Contractor Name:	<u>Marcos Rios</u>	Addendum# <u>1</u>	Date: <u>1/30/24</u>
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	<u>marcos.rios @cahsinc.com</u>	Plan# <u>AGC</u>	
Check #	_____		
-----			
Contractor Name:	_____	Addendum# _____	Date: _____
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	_____	Plan# _____	
Check #	_____		
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Contractor Name:	_____	Addendum# _____	Date: _____
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	_____	Plan# _____	
Check #	_____		
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Contractor Name:	_____	Addendum# _____	Date: _____
Address:	_____	Addendum# _____	Date: _____
City,State,Zip:	_____	Addendum# _____	Date: _____
Phone & Fax#:	_____		
Email:	_____	Plan# _____	
Check #	_____		



IDEA WESLACO  
 01 MECHANICAL & ELECTRICAL DEMOLITION PLAN (SERVICE YARD)  
 SCALE : 1/4" = 1'-0"



IDEA WESLACO  
 02 MECHANICAL DEMOLITION ISOMETRIC VIEW (SERVICE YARD)  
 SCALE : NOT TO SCALE

DEMOLITION GENERAL NOTES:

- ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
- PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
- COORDINATE DEMOLITION OF DIVISION 23 & 26 SYSTEMS AS REQUIRED WITH ALL OTHER TRADES.
- ALL EXISTING EQUIPMENT REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
- OWNER MAY WISH TO KEEP DEMOLISHED EQUIPMENT AND MATERIALS. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT RETAIN.

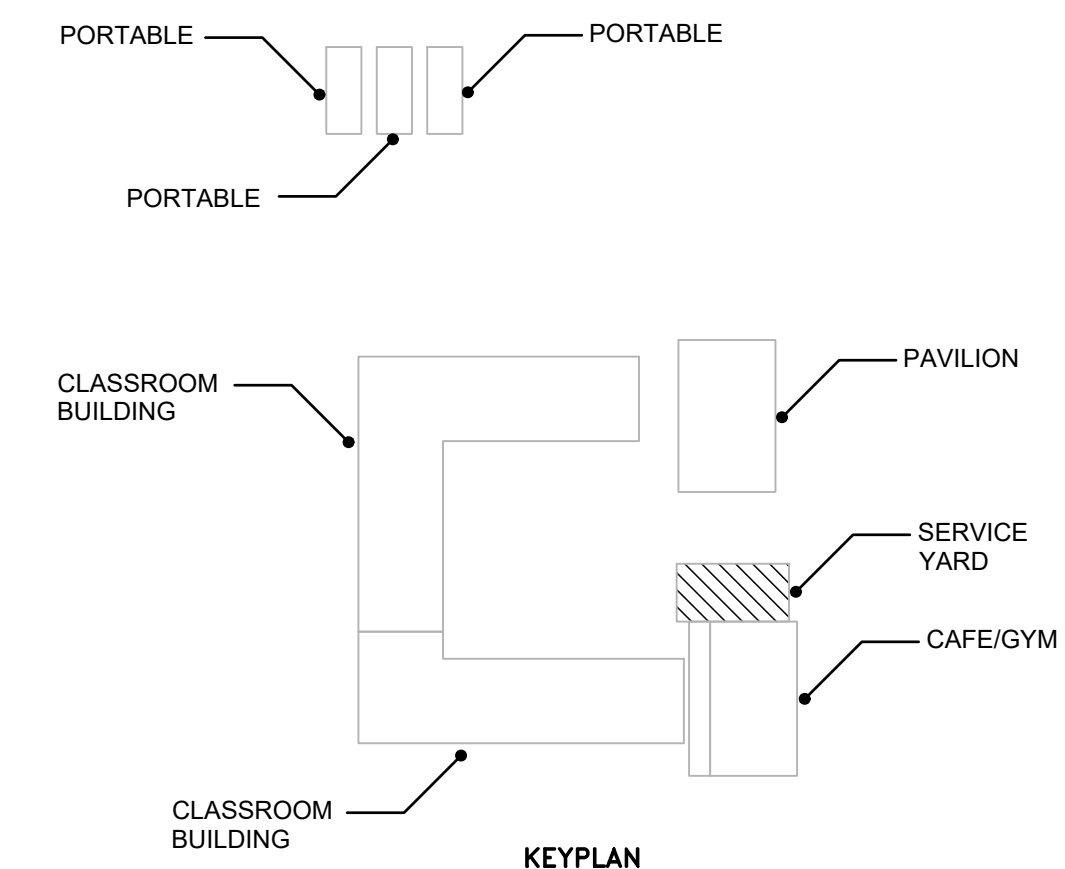
MECHANICAL DEMOLITION  
 KEYED NOTES:

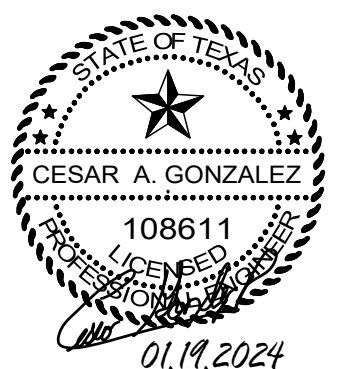
- DEMOLISH EXISTING AIR COOLED CHILLER AND ASSOCIATED CHW PIPING CONNECTIONS, ISOLATION VALVES, SPECIALTIES, AND ACCESSORIES IN THE MECHANICAL YARD AS INDICATED.
- DEMOLISH EXISTING CHW PIPING AS SHOWN.
- DEMOLISH EXISTING PUMPS AND ASSOCIATED CHW PIPING AS SHOWN ON PLANS. DEMOLISH AND REPLACE EXISTING FLEXIBLE CONNECTORS AND ACCESSORIES. RETAIN AND REUSE THE EXISTING PUMP CONCRETE HOUSEKEEPING PAD. PREPARE AREA FOR INSTALLATION OF NEW PUMPS.
- REFER TO EXISTING MECHANICAL PLAN FOR CONTINUATION INSIDE THE BUILDING.
- RETAIN AND REUSE EXISTING PUMP MOTOR STARTERS. COORDINATE NEW FUSES AND FUSE BLOCKS REQUIREMENTS WITH DIV. 26. REFER TO ELECTRICAL.
- DEMOLISH EXISTING AUTOMATIC ISOLATION VALVE.

ELECTRICAL DEMOLITION  
 KEYED NOTES:

- APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING EXISTING HVAC EQUIPMENT TO BE REPLACED.
- DISCONNECT EXISTING HVAC EQUIPMENT FOR INSTALLATION OF NEW HVAC EQUIPMENT. REFER TO EQUIPMENT CONNECTION SCHEDULE.

MECHANICAL LEGEND	
	EXISTING CHILLED WATER PIPING TO REMAIN
	EXISTING CHILLED WATER PIPING TO BE DEMOLISHED
	EX. EQUIPMENT TO REMAIN
	EX. EQUIPMENT TO BE DEMOLISHED





**DEMOLITION GENERAL NOTES:**

1. ALL DEMOLITION WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE CODES INCLUDING THOSE PUBLISHED BY OSHA.
2. PROVIDE ALL DEMOLITION WORK REQUIRED FOR THE REMOVAL OF EQUIPMENT AND ASSOCIATED DEVICES. PROVIDE A COMPLETE AND OPERABLE SYSTEM UPON COMPLETION OF THE PROJECT.
3. COORDINATE DEMOLITION OF DIVISION 23 & 26 SYSTEMS AS REQUIRED WITH ALL OTHER TRADES.
4. ALL EXISTING EQUIPMENT REMOVED DURING CONSTRUCTION, THAT IS NOT TO BE REUSED, SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY RETURNED TO THE OWNER, IF DESIRED BY OWNER.
5. OWNER MAY WISH TO KEEP DEMOLISHED EQUIPMENT AND MATERIALS. COORDINATE WITH OWNER, AND DISPOSE OF EQUIPMENT AND MATERIALS THAT OWNER DOES NOT RETAIN.

**MECHANICAL DEMOLITION KEYED NOTES**

- 1 DEMOLISH EXISTING WALL-MOUNTED UNIT AND ITS ASSOCIATED AIR DEVICES, AND THERMOSTAT CONTROLS AS SHOWN.

**ELECTRICAL DEMOLITION KEYED NOTES**

- 1 APPROXIMATE LOCATION OF EXISTING LOAD CENTER SERVING NEW HVAC EQUIPMENT.
- 2 DISCONNECT EXISTING HVAC EQUIPMENT FOR INSTALLATION OF NEW HVAC EQUIPMENT. REFER TO EQUIPMENT CONNECTION SCHEDULE.

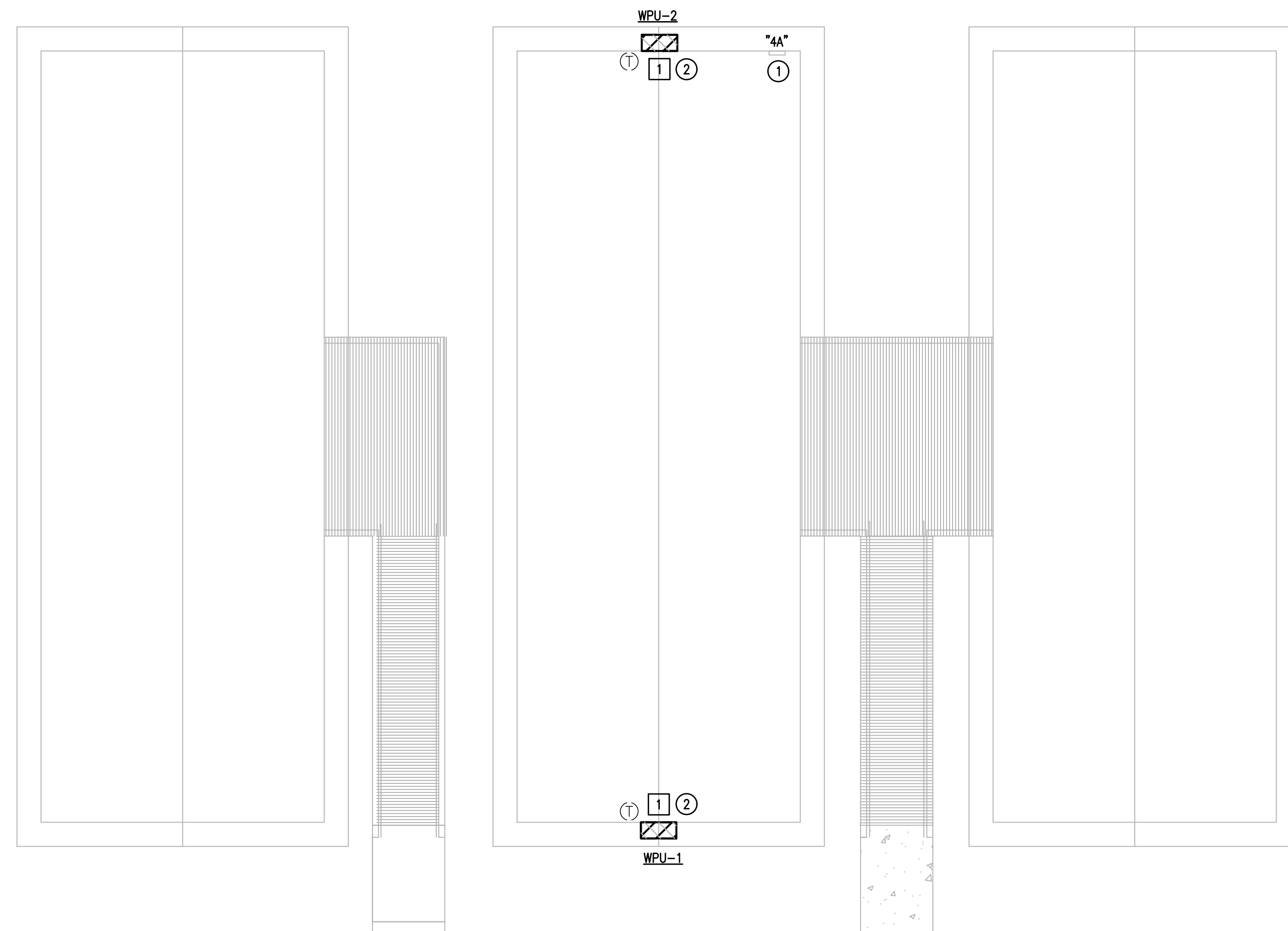
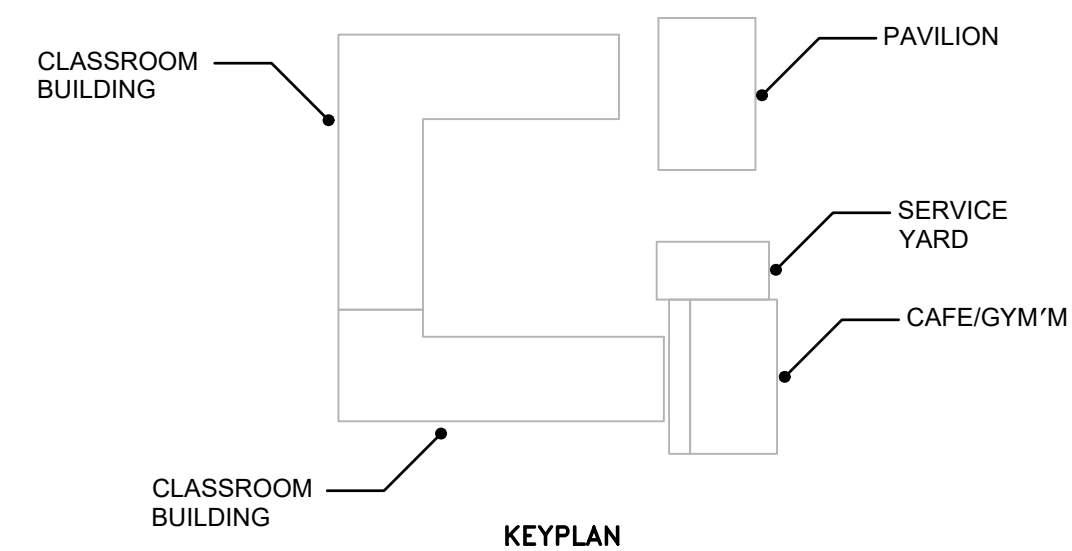
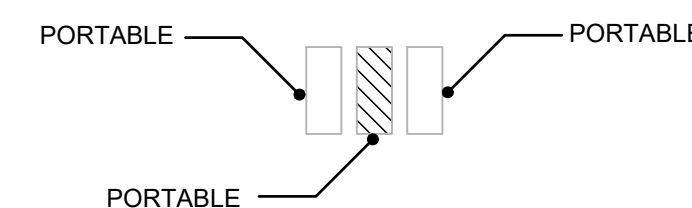
MECHANICAL LEGEND	
	HVAC EQUIPMENT TO BE DEMOLISHED
	THERMOSTAT TO BE DEMOLISHED
	NEW HVAC EQUIPMENT
	T-STAT TO BE REPLACED

**MECHANICAL KEYNOTES**

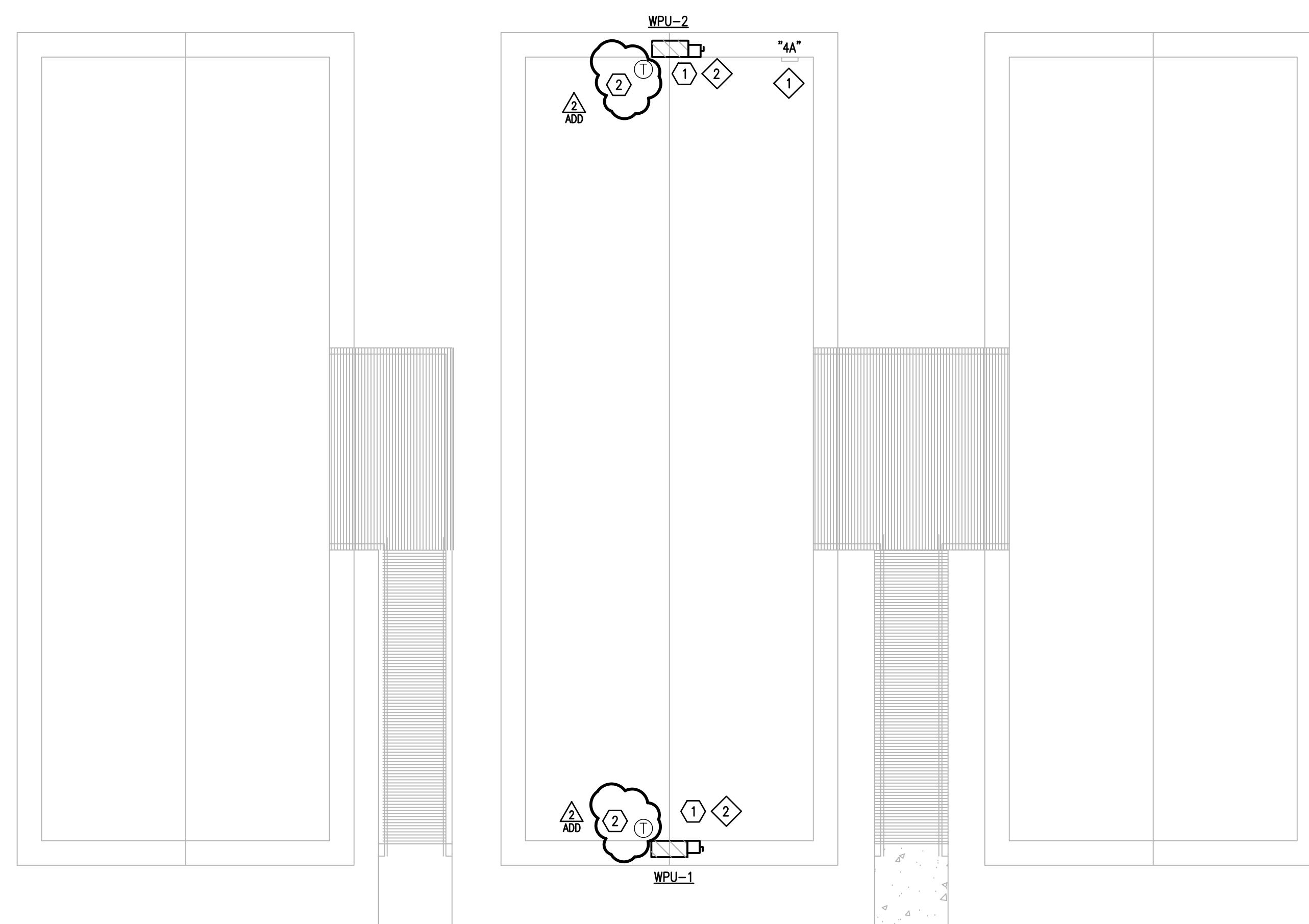
- 1 PROVIDE NEW WALL-MOUNTED UNIT AND ASSOCIATED ELECTRICAL DISCONNECTS SWITCHES, AIR DEVICES, AND THERMOSTAT CONTROLS AS SHOWN.
- 2 PROVIDE HONEYWELL THERMOSTAT 8403-060 AND CO2 VENTILATION CONTROL DISPLAY HONEYWELL SB403-096.

**ELECTRICAL KEYED NOTES**

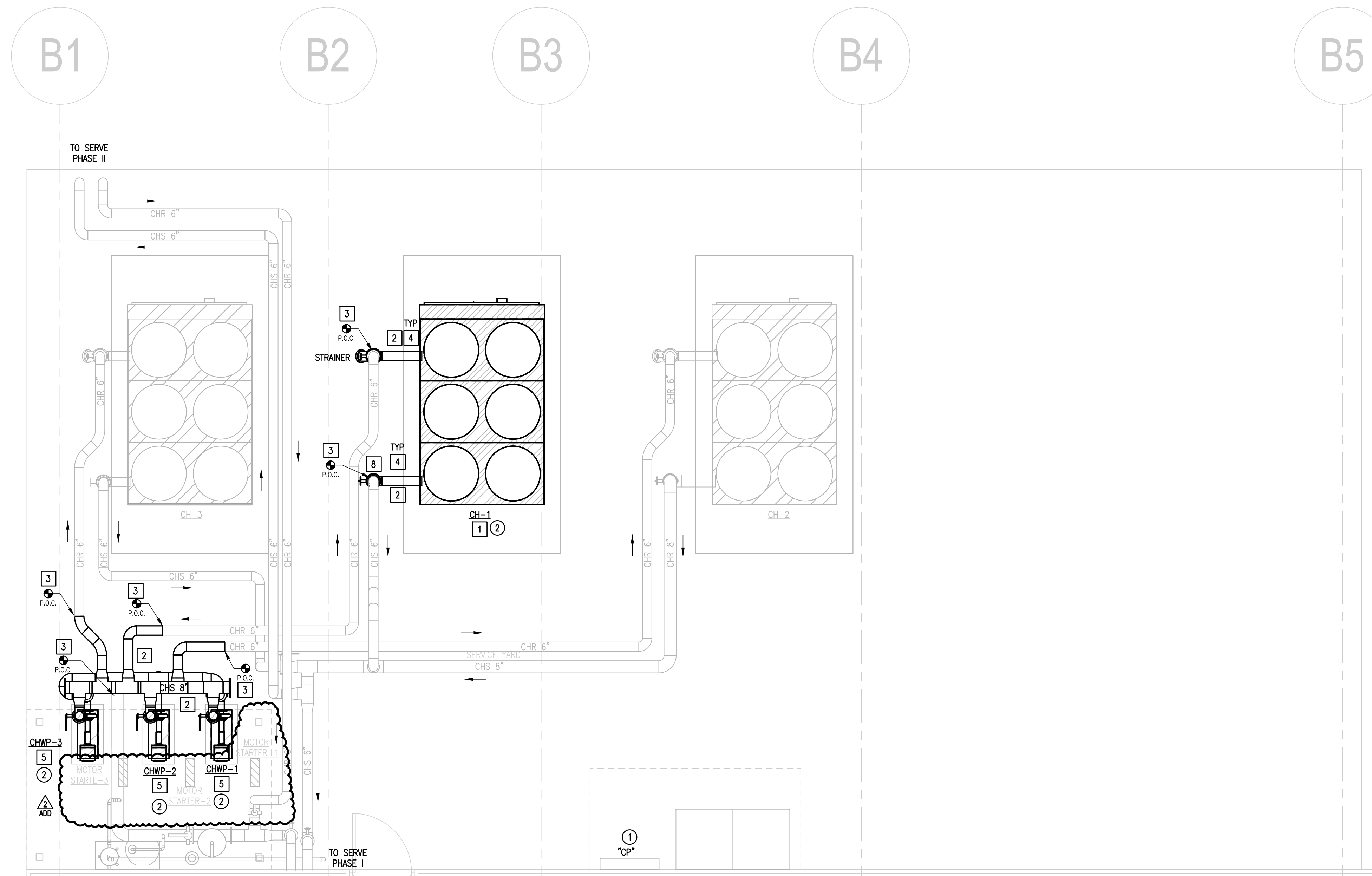
- 1 APPROXIMATE LOCATION OF EXISTING LOAD CENTER SERVING NEW HVAC EQUIPMENT.
- 2 CONNECT NEW HVAC EQUIPMENT. REFER TO EQUIPMENT CONNECTION SCHEDULE.



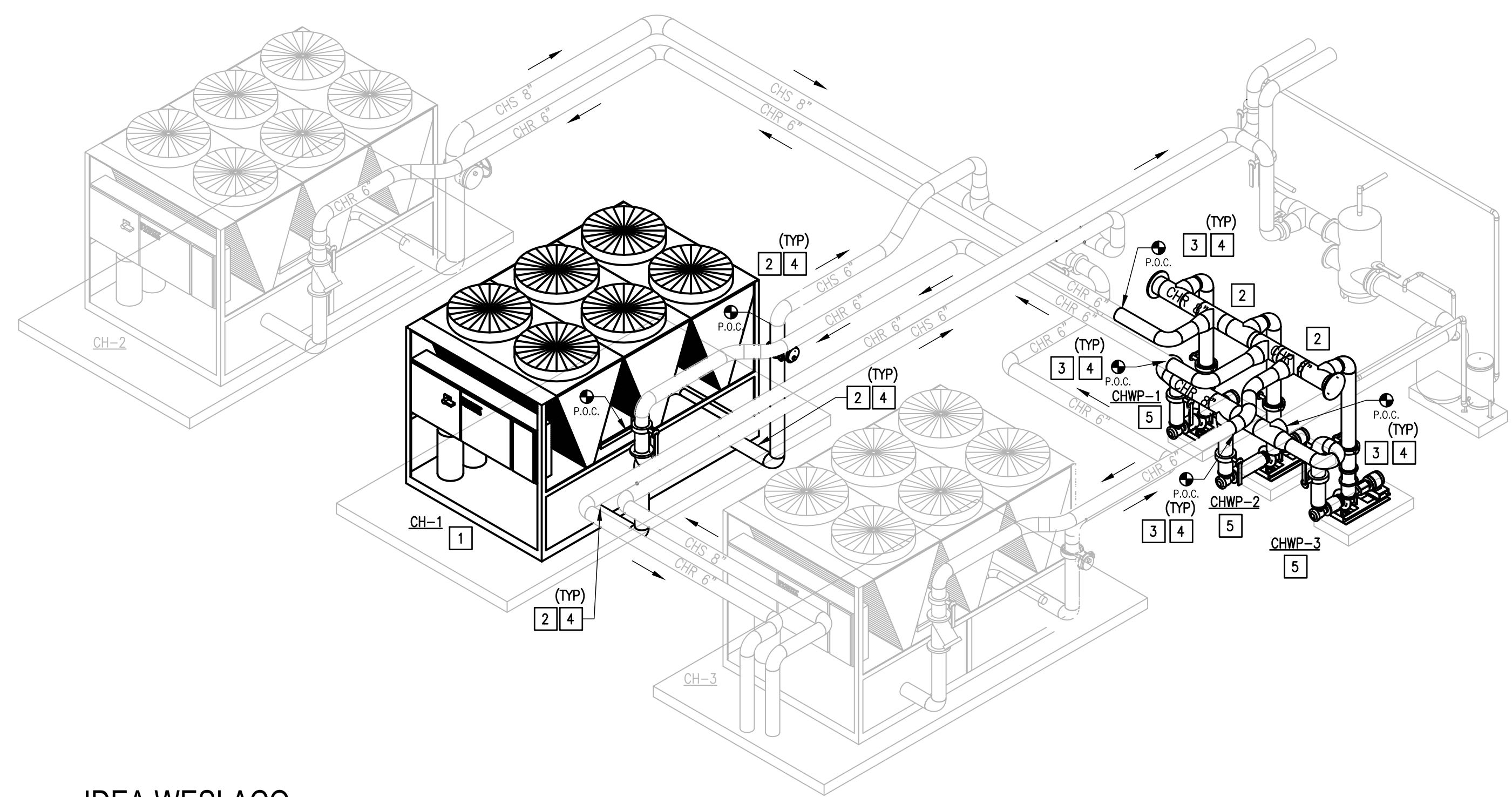
IDEA WESLACO  
 01 MECHANICAL & ELECTRICAL DEMOLITION PLAN (PORTABLES)  
 SCALE : 1/8" = 1'-0"



IDEA WESLACO  
 02 MECHANICAL & ELECTRICAL RENOVATION PLAN (PORTABLES)  
 SCALE : 1/8" = 1'-0"



01 IDEA WESLACO  
MECHANICAL & ELECTRICAL RENOVATION PLAN (SERVICE YARD)  
SCALE: 1/4" = 1'-0"



02 IDEA WESLACO  
MECHANICAL RENOVATION ISOMETRIC VIEW (SERVICE YARD)  
SCALE: NOT TO SCALE

**MECHANICAL KEYED NOTES:**

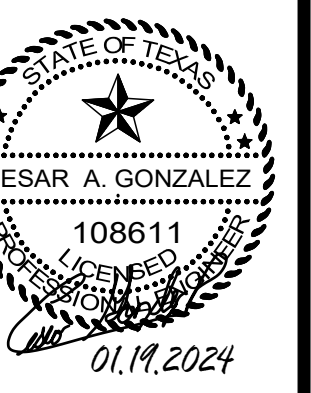
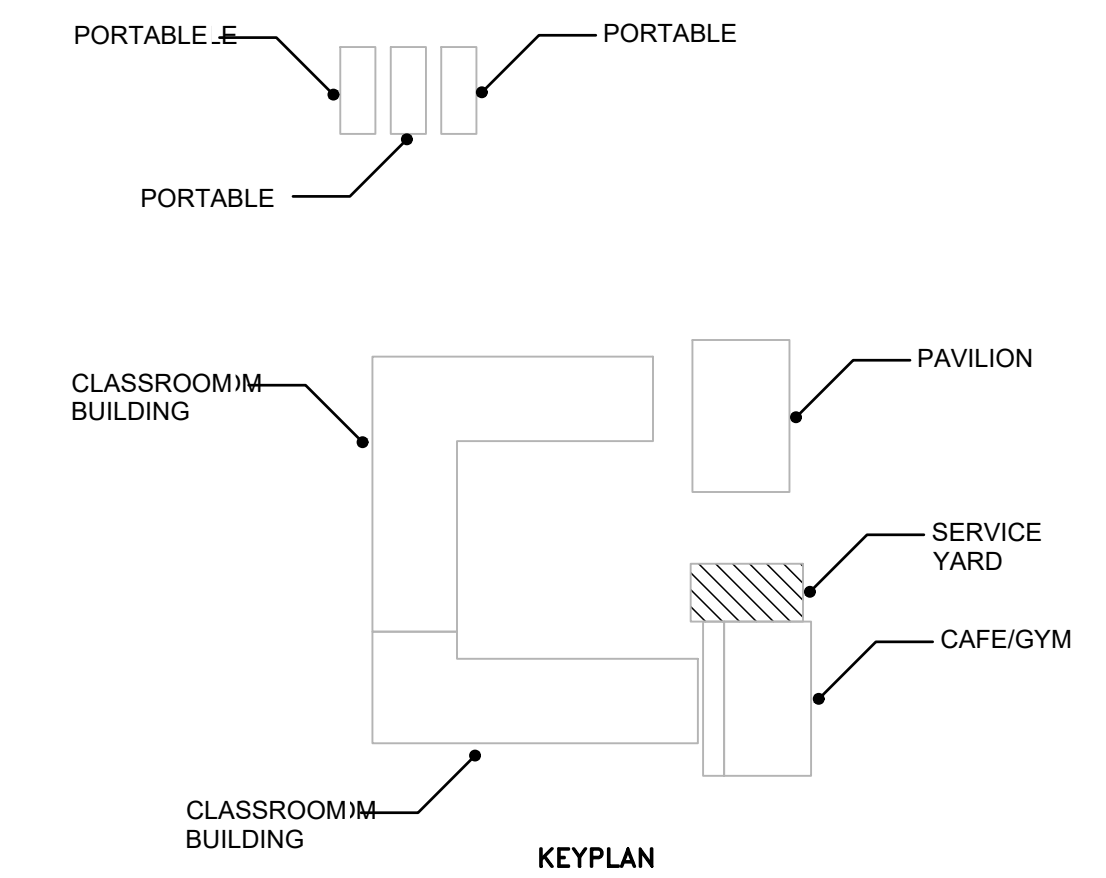
- 1 PROVIDE NEW AIR COOLED CHILLER AS SCHEDULED. INSTALL ON EXISTING CONCRETE HOUSEKEEPING PAD. SECURE CHILLER TO CONCRETE PAD BY BOLTING IT DOWN.
- 2 PROVIDE NEW SCHEDULE 40 STEEL PIPING AS SHOWN ON PLANS. PROVIDE EPOXY COATING ON PIPING PRIOR TO NEW INSULATION AS PER SPECIFICATIONS. PROVIDE THERMOWELLS, PRESSURE GAGES, THERMOMETERS, FLOW SWITCHES, MANUAL VALVES, ANCHORS, ETC. REFER TO MECHANICAL DETAILS AND SPECIFICATIONS.
- 3 CONNECT NEW CHILLED WATER PIPING INTO EXISTING CHILLED WATER PIPING AT THIS APPROXIMATE LOCATION.
- 4 PROVIDE INSULATION AND ALUMINUM METAL JACKETING FOR ALL CHW PIPING EXPOSED OUTDOORS.
- 5 PROVIDE NEW CHW PUMP AS SCHEDULED. REUSE EXISTING CONCRETE PAD. SECURE CHW PUMP TO CONCRETE PAD BY BOLTING IT DOWN.
- 6 NOT USED.
- 7 NOT USED.
- 8 PROVIDE NEW AUTOMATIC ISOLATION VALVE.

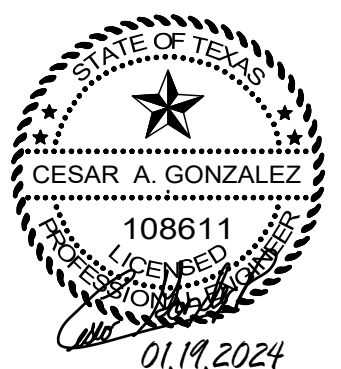
**MECHANICAL LEGEND**

	EXISTING CHILLED WATER PIPING TO REMAIN
	NEW PIPING
	EX. EQUIPMENT TO REMAIN
	NEW EQUIPMENT

**ELECTRICAL KEYED NOTES**

- 1 APPROXIMATE LOCATION OF EXISTING PANELBOARD SERVING NEW HVAC EQUIPMENT.
- 2 CONNECT NEW HVAC EQUIPMENT. REFER TO EQUIPMENT CONNECTION SCHEDULE.





**KITCHEN HOOD FAN SCHEDULE**

MARK	SERVES HOOD	PERFORMANCE											POWER V/PH	NOTES	
		EXHAUST					SUPPLY								
		CFM	SP IN (WC)	FAN MTR. HP	MANUF. MODEL #	SONES	WT. (LBS)	CFM	SP IN (WC)	FAN MTR. HP(W)	MANUF. MODEL #	SONES			WT. (LBS)
KEF-1, KSF-1	KH-1, KH-2, KH-3	6,660	1	3	COOK 270VH10B	21	505	5,325	0.625	1.5	COOK 200KSP-B	12	1,492	208/3/60	ALL

- NOTES:
- INTERLOCK FANS WITH EXISTING KITCHEN HOOD FIRE PROTECTION SYSTEM. UPON ACTIVATION, SUPPLY FAN SHALL TURN-OFF, EXHAUST FAN REMAINS ON.
  - EXHAUST FAN: NEMA 3 PRE-WIRED DISCONNECT, HINGED BASE ASSEMBLY, VENTED EXTENSION, BELT TENSIONER, AND KEYWAY GREASE TROUGH.
  - SUPPLY FAN: NEMA 3 PREWIRED DISCONNECT, BELT TENSIONER, INTAKE EXTENSION, AND HINGED BASE ASSEMBLY.
  - MOUNT SUPPLY AND EXHAUST FAN ON COMMON CURB CAP AND INSTALL FANS PER NFPA 96 REQUIREMENTS.
  - COORDINATE INSTALLATION WITH ELECTRICAL CONTRACTOR.

**CHILLER SCHEDULE**

MARK	CHILLER OPTIONS	QTY.	NOMINAL (TONS)	CAPACITY (TONS)	AMBIENT TEMP (F)	FLOW (GPM)	MAX PD (FT YG)	EWT (F)	LWT (F)	# OF COMPRESSORS TYPE	MIN % CAPACITY	ELEC. V-PH-HZ	MCA	MOCP	IPLV AT ARI	FULL LOAD EER AT ARI	SOUND POWER OVERALL dBA	DIMENSIONS (LxWxH) IN	OPERATING WEIGHT (LB)	JCI/YORK MODEL NUMBER
CH-1	High Efficiency Scroll	1	120	114.6	100	228.1	10	56	44	4 SCROLL TYPE	25%	480-3-60	254.0	300.0	17.09	10.01	95	143 X 89 X 95	5,959	YLA0120S46FB

- NOTES:
- CONTRACTOR IS RESPONSIBLE FOR CHANGES TO DESIGN RESULTING FROM SELECTION OF OTHER MANUFACTURERS EQUIPMENT.
  - LISTED CAPACITY BASED ON ACTUAL CONDITIONS LISTED ABOVE. EFFICIENCIES LISTED AT ARI CONDITIONS.
  - PROVIDE CHILLER WITH FACTORY INSTALLED HAIL GUARDS, LOW SOUND ACOUSTICAL PACKAGE, CONDENSER COIL COATING (E-COAT)
  - PROVIDE UNIT WITH LOW AMBIENT CONTROL TO 40°F, ACROSS THE LINE STARTER, AND SUCTION SERVICE VALVES.
  - CONDENSER COILS SHALL HAVE MICROCHANNEL WITH FACTORY E-COATING. FIELD APPLIED COATINGS ARE NOT ALLOWED.
  - PROVIDE CHILLER WITH SINGLE POINT POWER CONNECTION INCLUDING POWER FOR CONTROL. IN ADDITION, PROVIDE FACTORY-BUILT CIRCUIT PROTECTION (MOTOR STARTER PROTECTION) AND NON-FUSED THROUGH-THE-DOOR DISCONNECT WITH 65,000 AMPS SCWR RATING.
  - NOT USED.
  - PROVIDE DEMAND LIMITING VIA 4-20MA INPUT FEATURE TO LIMIT MACHINE CAPACITY.
  - PROVIDE FACTORY INSTALLED HOT GAS BYPASS AS NEEDED, TO ALLOW CHILLER TO UNLOAD TO THE SCHEDULED MINIMUM CAPACITY.

**PUMP SCHEDULE**

MARK	LOCATION	QTY	TYPE	MANUFACTURER & MODEL NUMBER	GPM	HEAD (FT)	MIN. HP	MIN. EFF.	RPM	ELECTRICAL	NOTES
CHWP-1, 2, 3	PUMP ROOM	3	HORZ END SUCTION	BELL&GOSSET E-1510 2.5BB	228	80	10	70.3%	1,800	460V / 3PH / 60HZ	ALL

- NOTES:
- PROVIDE NON-OVERLOADING, PREMIUM EFFICIENCY, TEFC MOTORS, RATED FOR VFD DUTY.
  - PROVIDE COUPLINGS RATED FOR VFD DUTY. FALK T31 SPACER TYPE.
  - FACTORY REPRESENTATIVE SHALL FIELD-VERIFY PUMP ALIGNMENT WITH LASER ALIGNMENT TOOLS.
  - PROVIDE SUCTION DIFFUSERS AND SHAFT GROUNDING ON MOTORS.
  - PROVIDE ONE SET OF SPARE SEALS FOR EACH PUMP. COORDINATE DELIVERY WITH OWNER.

**WALL MOUNTED AC UNIT SCHEDULE**

MARK	NOMINAL TONNAGE	COOLING CFM	VENT. CFM	ESP (IN.)	MIN. HP	MCA	MOCP	ELECTRICAL V/PH	AIR IN COND. TEMP (F)	COOLING				HEATING ELEC. HEATER (KW)	MINIMUM EER/ IPLV	WEIGHT LBS.	NOTES	BARD MODEL NUMBER (EXISTING)	BARD MODEL NUMBER (NEW)
										TOTAL BTU/H	SENSIBLE BTU/H	EAT DB/WB	LAT DB/WB						
WPU-1	3	1,110	200	0.15	0.5	58	60	208/1/60	100	33,419	25,426	76.3/66.7	55.1/55.1	10.0	11.0	426	ALL	BARD W972-A10	W36AYDA10VNX2E
WPU-2	3	1,110	200	0.15	0.5	58	60	208/1/60	100	33,419	25,426	76.3/66.7	55.1/55.1	10.0	11.0	426	ALL	BARD W972-A10	W36AYDA10VNX2E

- NOTES:
- ELECTRICAL DISCONNECT BY DIV. 26. COORDINATE WITH ELECTRICAL CONTRACTOR.
  - PROVIDE FACTORY DIPPED E-COATED CONDENSER COIL.
  - PROVIDE HOT GAS REHEAT FOR DEHUMIDIFICATION OPERATION.
  - PROVIDE MOTORIZED OUTSIDE AIR DAMPER.
  - PROVIDE PROGRAMMABLE THERMOSTAT WITH CO2 CONTROLLER.
  - PROVIDE 2" MERV 13 FILTER.
  - PROVIDE 2" FACTORY MOUNTED SUPPLY AND RETURN GRILLES.

**EQUIPMENT CONNECTION SCHEDULE:**

DESIGN	NEW HP	NEW FLA	NEW MCA	EXISTING MOCP	NEW MOCP	VOLTAGE	EXISTING MEANS OF DISCONNECT	NEW MEANS OF DISCONNECT	EXISTING BRANCH CIRCUIT (75° COPPER)	NEW BRANCH CIRCUIT (75° COPPER)	EXISTING POWER SOURCE
SERVICE YARD											
CH-1	-	-	254	300	1) 300	480V/3PHASE	INTEGRAL DISCONNECT	INTEGRAL DISCONNECT	3" - 3#350KCMIL & #4G	RETAIN EXISTING	CP
CHWP-1	10 HP	14	17.5	30	2) 35	480V/3PHASE	COMBINATION MOTOR STARTER NEMA SIZE 1.	3) RETAIN EXISTING.	3/4" - 3#10 & #10G	RETAIN EXISTING	CP
CHWP-2	10 HP	14	17.5	30	2) 35	480V/3PHASE	COMBINATION MOTOR STARTER NEMA SIZE 1.	3) RETAIN EXISTING.	3/4" - 3#10 & #10G	RETAIN EXISTING	CP
CHWP-3	10 HP	14	17.5	30	2) 35	480V/3PHASE	COMBINATION MOTOR STARTER NEMA SIZE 1.	3) RETAIN EXISTING.	3/4" - 3#10 & #10G	RETAIN EXISTING	CP
KITCHEN											
KEF-1	3 HP	10.6	13.2	30	30	208V/3PHASE	INTEGRAL DISCONNECT	INTEGRAL DISCONNECT	3/4" - 3#10 & #10G	RETAIN EXISTING	K2
KSF-1	1.5 HP	6.6	8.2	20	20	208V/3PHASE	INTEGRAL DISCONNECT	INTEGRAL DISCONNECT	3/4" - 3#12 & #12G	RETAIN EXISTING	K2
PORTABLES											
WPU-1	10 KW	-	58.0	60	1) 60	208V/1PHASE	A/C DISCONNECT	60A, 2PNF, 240V, NEMA 3R	3/4" - 2#6 & #10G	RETAIN EXISTING	4A
WPU-2	10 KW	-	58.0	60	1) 60	208V/1PHASE	A/C DISCONNECT	60A, 2PNF, 240V, NEMA 3R	3/4" - 2#4 & #8G	RETAIN EXISTING	4A

- GENERAL NOTES:
- LOCATE EQUIPMENT MEANS OF DISCONNECT WITHIN EQUIPMENT SIGHT. DO NOT INSTALL BELOW DUCTWORK OR PLUMBING LINES.
  - PROVIDE NEW BRANCH CONNECTION FROM MOTOR STARTER/DISCONNECT/J-BOX TO EQUIPMENT. TYPICAL FOR ALL NEW HVAC EQUIPMENT.

- NOTES:
- RETAIN AND REUSE EXISTING CIRCUIT BREAKER.
  - REMOVE EXISTING CIRCUIT BREAKER AND PROVIDE NEW TO MATCH NEW MOCP. PROVIDE UL LISTED UNIT FROM EXISTING MANUFACTURER (SIEMENS). MATCH EXISTING KAIC.
  - REMOVE EXISTING FUSE BLOCK. PROVIDE NEW 30A FUSES AND FUSE BLOCKS.
- PANELBOARD "CP" (EXISTING): SIEMENS, TYPE P4, 800A, 277/480V, 3Ø, 4W, CAT NO. P4E75ML800EBS, SO. 3003237202, ITEM NO. 034020, DATE 04/06/2011  
 PANELBOARD "K2" (EXISTING): SIEMENS, TYPE P1, 100A, 277/480V, 3Ø, 4W