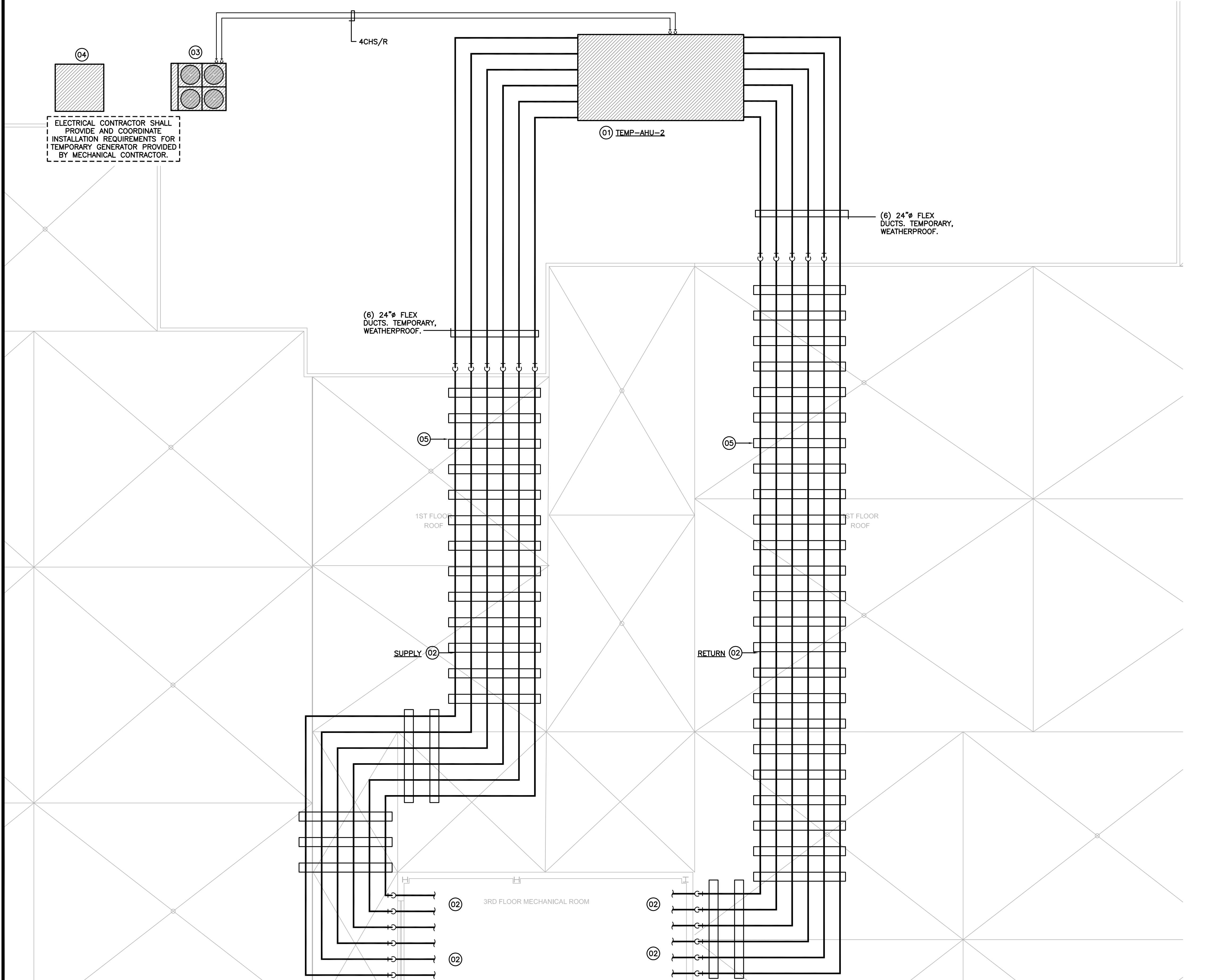


**TEMPORARY HANDLING UNIT SCHEDULE**

TAG	AREA	MANUFACTURER	SUPPLY FAN							PRE FILTER		FINAL FILTER		CHILLED WATER COOLING COIL										ELECTRICAL		GENERAL				
			SA (CFM)	OA MIN (CFM)	EXTERNAL STATIC (IN.WG.)	QUANTITY	HP	TYPE	STARTER	TYPE	DIRTY FILTER LOSS (IN.WG.)	TYPE	DIRTY FILTER LOSS (IN.WG.)	SENSIBLE (BTUH)	TOTAL (BTUH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	OAT DB (°F)	OAT WB (°F)	MAX ROWS	MAX FPI	EWT (°F)	LWT (°F)	FLOW (GPM)	PIPE SIZE (N)	V/PH/Hz	WEIGHT (LBS.)	REMARKS
AHU-TEMP-2	LEVEL 1 & 2 WEST PATIENT WING	CUSTOM AIR PRODUCTS	22,500	5,500	6.0	1	40	DIRECT DRIVE PLENUM	VFD	MERV 11	0.75	MERV 14	1.75	758,960	1,162,360	79.1	65.6	48	47.5	101	80	8	10	42	58	145	4	460/3/60	-	SEE ALL

**NOTES:**  
 1. UNIT SHALL BE MOUNTED ON 6" BASE RAIL. UNIT SUPPORTS BELOW BASE RAIL SHALL BE INSTALLED TO KEEP UNIT LEVEL.  
 2. PROVIDE VARIABLE FREQUENCY DRIVE (VFD) FOR SUPPLY FAN.  
 3. TOTAL STATIC PRESSURE OF UNIT SHALL INCLUDE FILTER LOSSES AS SCHEDULED.  
 4. UNIT SHALL BE WEATHERPROOF FOR MOUNTING EXTERIOR OF BUILDING ON GRADE.  
 5. FINAL UNIT WEIGHT SHALL BE COORDINATED WITH SUBMITTED UNIT.  
 6. PROVIDE WITH SMOKE DETECTORS IN SUPPLY AND RETURN AIRSTREAM.  
 7. PROVIDE TEMPORARY, WEATHER PROOF, SUPPLY AND RETURN FLEX DUCTS AS NEEDED TO MEET PERFORMANCE SCHEDULED.  
 8. PROVIDE SUPPLY AND RETURN AIR PLENUM WITH DUCT COLLARS AS NEEDED.  
 9. RETURN AIR PLENUM SHALL HAVE OUTSIDE AIR INLET. ALL RETURN AIR DUCT COLLARS AND OUTSIDE AIR INLET SHALL HAVE MANUAL BALANCING DAMPERS.  
 10. PROVIDE WEATHER PROOF OUTSIDE AIR INLET.  
 11. PROVIDE WEATHER PROOF COVER AT ALL DUCT CONNECTIONS.  
 UNIT COMPONENTS SHALL BE AS FOLLOWS:  
 1. MERV 7 PRE-FILTER SECTION  
 2. CHILLED WATER COOLING COIL  
 3. SUPPLY FAN  
 4. MERV 14 FINAL FILTER SECTION



ELECTRICAL CONTRACTOR SHALL PROVIDE AND COORDINATE INSTALLATION REQUIREMENTS FOR TEMPORARY GENERATOR PROVIDED BY MECHANICAL CONTRACTOR.

**RENOVATION LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING TO REMAIN
---	NEW CONSTRUCTION
+	CONNECT AT THIS POINT

**GENERAL NOTES**

- REFER TO M0.00 FOR PROJECT GENERAL NOTES.

**KEYED NOTES**

- DURING RENOVATION OF AHU-2, TEMPORARY AIR SHALL BE PROVIDED FOR THE AREAS OUTSIDE OF THE SCOPE OF WORK FROM A TEMPORARY AIR HANDLING UNIT LOCATED ON GRADE AT LOCATION SHOWN. REFER TO TEMPORARY AHU SCHEDULE ON THIS SHEET.
- TEMPORARY FLEXIBLE DUCTWORK SHALL BE ROUTED UP THE BUILDING, ON THE ROOF, AND THROUGH THE MECHANICAL ROOM WALL AS SHOWN.
- PROVIDE (1) 100 TON TEMPORARY CHILLER AND (1) TEMPORARY CHILLED WATER PUMP AS REQUIRED TO SERVE TEMPORARY AHU DURING RENOVATION.  
**ELECTRICAL REQUIREMENTS:**  
 TEMPORARY CHILLER: 480/3/60  
 MCA: 203.1  
 MOCP: 225  
 TEMPORARY CHILLED WATER PUMP: 10 HP
- PROVIDE A TEMPORARY GENERATOR AS REQUIRED TO SERVE TEMPORARY AHU AND TEMPORARY CHILLER DURING RENOVATION.
- TEMPORARY ROOF DUCT SUPPORT. REFER TO DETAILS (TYP).

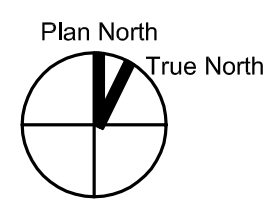
**3rd Floor INPATIENT REHAB UNIT**

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REVISIONS

NO.	ISSUE	DATE

Sheet Information  
 DATE: 09/06/2018  
 JOB NUMBER: 18302  
 TITLE: TEMPORARY AHU PLAN - MECHANICAL



Sep 06, 2018 - 10:51am  
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