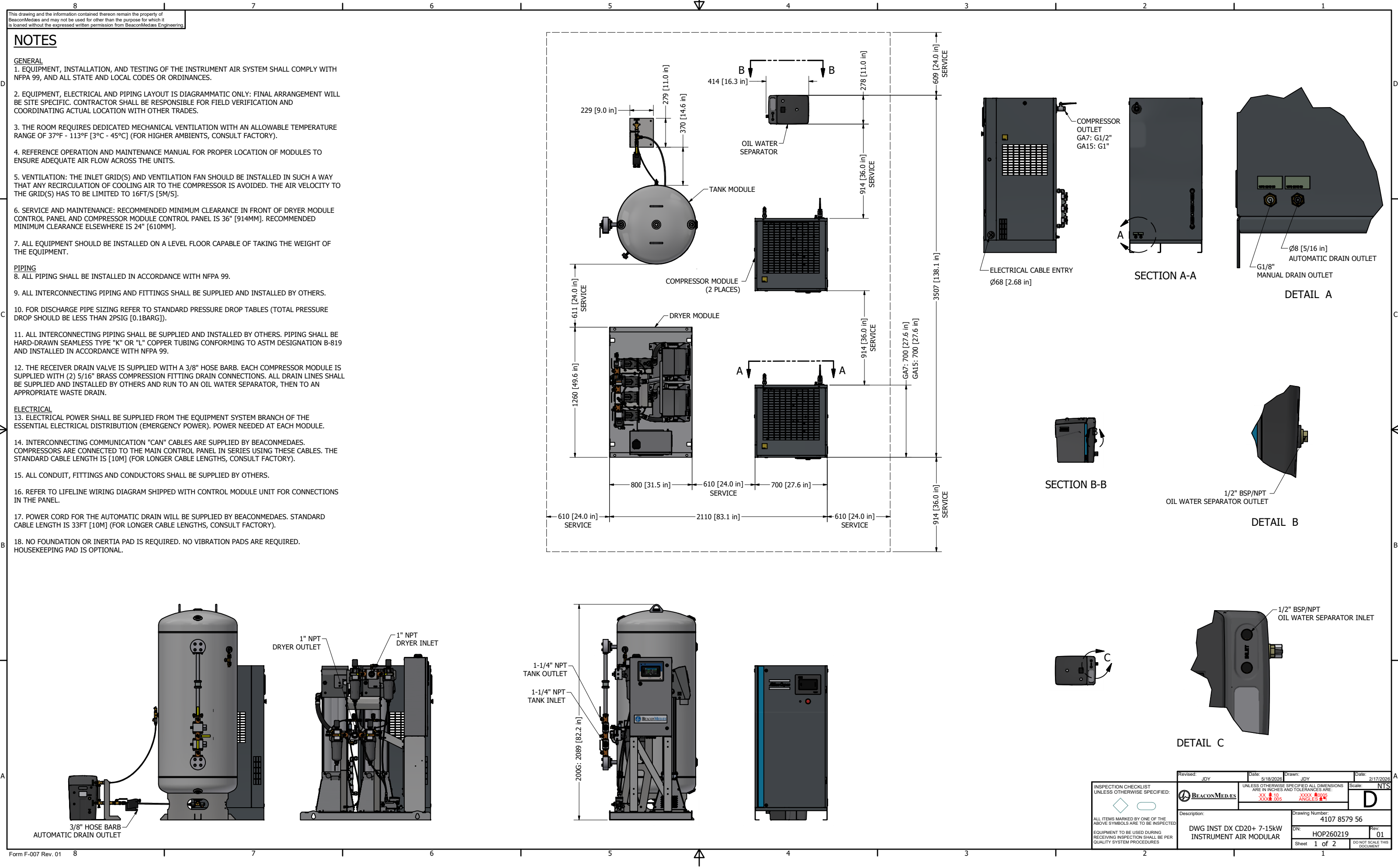




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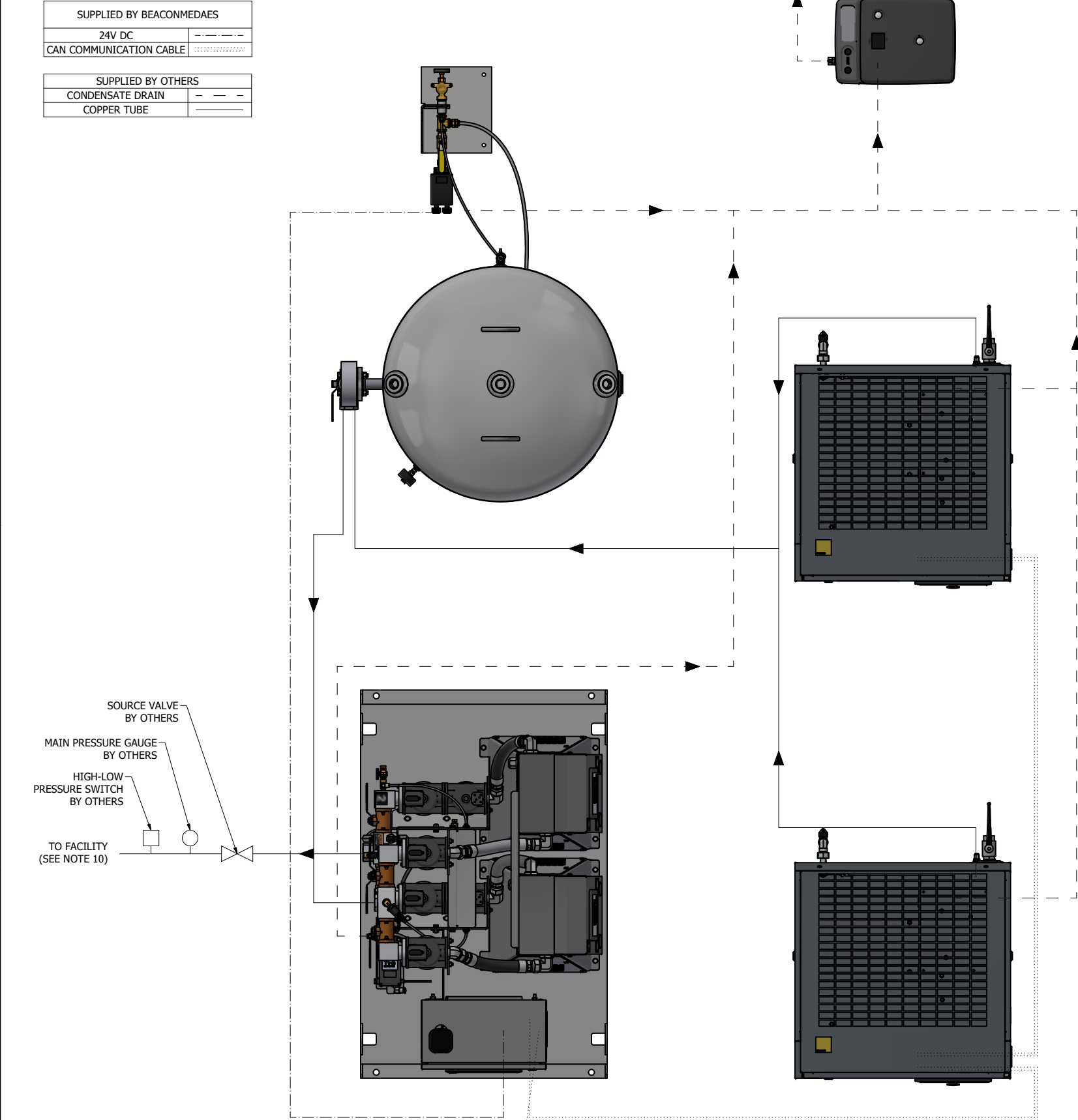
- ### NOTES
- GENERAL**
- EQUIPMENT, INSTALLATION, AND TESTING OF THE INSTRUMENT AIR SYSTEM SHALL COMPLY WITH NFPA 99, AND ALL STATE AND LOCAL CODES OR ORDINANCES.
 - EQUIPMENT, ELECTRICAL AND PIPING LAYOUT IS DIAGRAMMATIC ONLY: FINAL ARRANGEMENT WILL BE SITE SPECIFIC. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATING ACTUAL LOCATION WITH OTHER TRADES.
 - THE ROOM REQUIRES DEDICATED MECHANICAL VENTILATION WITH AN ALLOWABLE TEMPERATURE RANGE OF 37°F - 113°F [3°C - 45°C] (FOR HIGHER AMBIENTS, CONSULT FACTORY).
 - REFERENCE OPERATION AND MAINTENANCE MANUAL FOR PROPER LOCATION OF MODULES TO ENSURE ADEQUATE AIR FLOW ACROSS THE UNITS.
 - VENTILATION: THE INLET GRID(S) AND VENTILATION FAN SHOULD BE INSTALLED IN SUCH A WAY THAT ANY RECIRCULATION OF COOLING AIR TO THE COMPRESSOR IS AVOIDED. THE AIR VELOCITY TO THE GRID(S) HAS TO BE LIMITED TO 16FT/S [5M/S].
 - SERVICE AND MAINTENANCE: RECOMMENDED MINIMUM CLEARANCE IN FRONT OF DRYER MODULE CONTROL PANEL AND COMPRESSOR MODULE CONTROL PANEL IS 36" [914MM]. RECOMMENDED MINIMUM CLEARANCE ELSEWHERE IS 24" [610MM].
 - ALL EQUIPMENT SHOULD BE INSTALLED ON A LEVEL FLOOR CAPABLE OF TAKING THE WEIGHT OF THE EQUIPMENT.
- PIPING**
- ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 99.
 - ALL INTERCONNECTING PIPING AND FITTINGS SHALL BE SUPPLIED AND INSTALLED BY OTHERS.
 - FOR DISCHARGE PIPE SIZING REFER TO STANDARD PRESSURE DROP TABLES (TOTAL PRESSURE DROP SHOULD BE LESS THAN 2PSIG [0.1BARG]).
 - ALL INTERCONNECTING PIPING SHALL BE SUPPLIED AND INSTALLED BY OTHERS. PIPING SHALL BE HARD-DRAWN SEAMLESS TYPE "K" OR "L" COPPER TUBING CONFORMING TO ASTM DESIGNATION B-819 AND INSTALLED IN ACCORDANCE WITH NFPA 99.
 - THE RECEIVER DRAIN VALVE IS SUPPLIED WITH A 3/8" HOSE BARB. EACH COMPRESSOR MODULE IS SUPPLIED WITH (2) 5/16" BRASS COMPRESSION FITTING DRAIN CONNECTIONS. ALL DRAIN LINES SHALL BE SUPPLIED AND INSTALLED BY OTHERS AND RUN TO AN OIL WATER SEPARATOR, THEN TO AN APPROPRIATE WASTE DRAIN.
- ELECTRICAL**
- ELECTRICAL POWER SHALL BE SUPPLIED FROM THE EQUIPMENT SYSTEM BRANCH OF THE ESSENTIAL ELECTRICAL DISTRIBUTION (EMERGENCY POWER). POWER NEEDED AT EACH MODULE.
 - INTERCONNECTING COMMUNICATION "CAN" CABLES ARE SUPPLIED BY BEACONMEDAEAS. COMPRESSORS ARE CONNECTED TO THE MAIN CONTROL PANEL IN SERIES USING THESE CABLES. THE STANDARD CABLE LENGTH IS [10M] (FOR LONGER CABLE LENGTHS, CONSULT FACTORY).
 - ALL CONDUIT, FITTINGS AND CONDUCTORS SHALL BE SUPPLIED BY OTHERS.
 - REFER TO LIFELINE WIRING DIAGRAM SHIPPED WITH CONTROL MODULE UNIT FOR CONNECTIONS IN THE PANEL.
 - POWER CORD FOR THE AUTOMATIC DRAIN WILL BE SUPPLIED BY BEACONMEDAEAS. STANDARD CABLE LENGTH IS 33FT [10M] (FOR LONGER CABLE LENGTHS, CONSULT FACTORY).
 - NO FOUNDATION OR INERTIA PAD IS REQUIRED. NO VIBRATION PADS ARE REQUIRED. HOUSEKEEPING PAD IS OPTIONAL.

INSPECTION CHECKLIST UNLESS OTHERWISE SPECIFIED: ALL ITEMS MARKED BY ONE OF THE ABOVE SYMBOLS ARE TO BE INSPECTED EQUIPMENT TO BE USED DURING RECEIVING INSPECTION SHALL BE PER QUALITY SYSTEM PROCEDURES	Revised: JDY	Date: 5/18/2026	Drawn: JDY	Date: 2/17/2026
	BEACONMEDAES		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: XX ±.10 XXX .005	
	Description: DWG INST DX CD20+ 7-15kW INSTRUMENT AIR MODULAR		Drawing Number: 4107 8579 56	
	Sheet 1 of 2		Rev: 01	

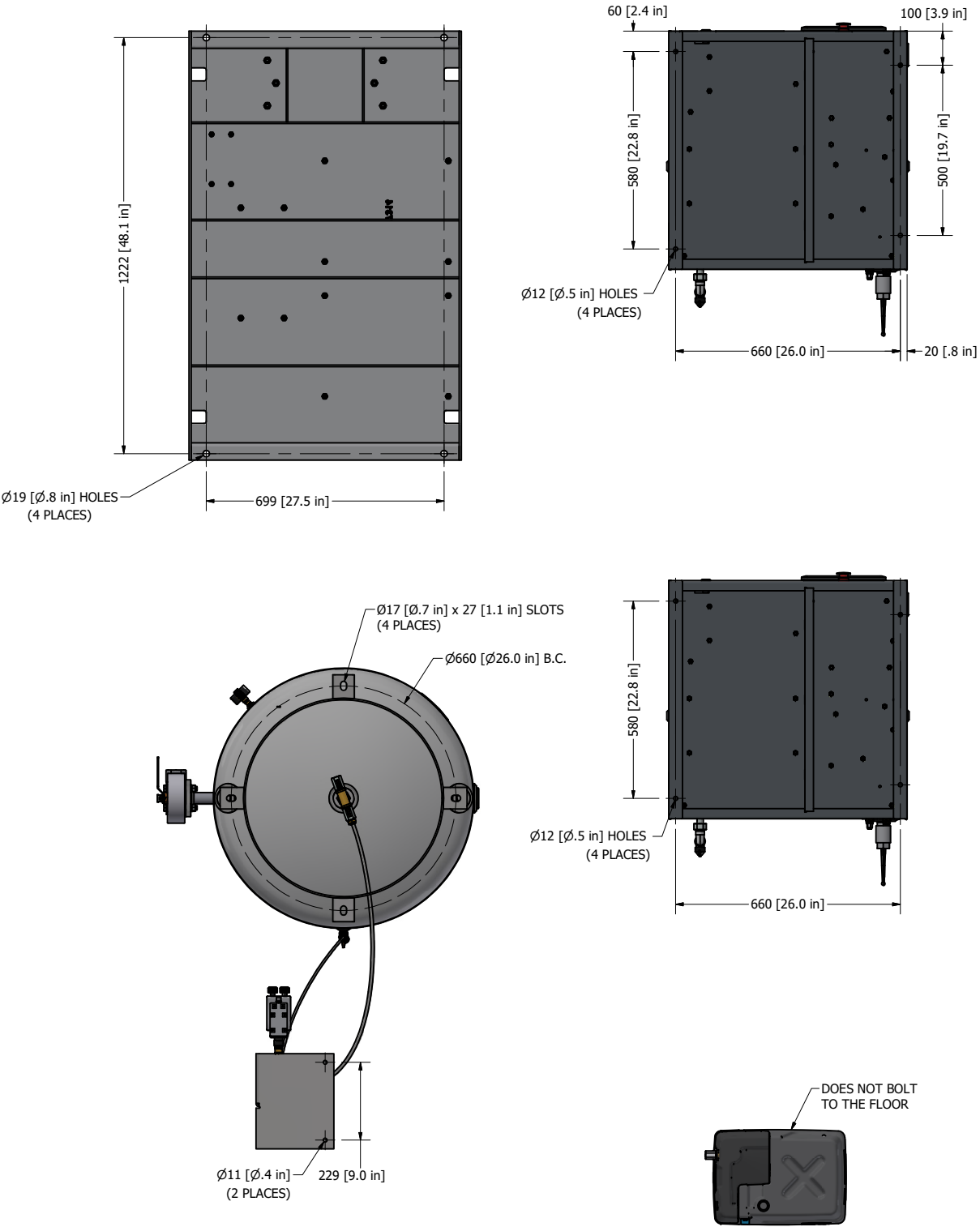
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LINE KEY

SUPPLIED BY BEACONMEDAES	
24V DC	----
CAN COMMUNICATION CABLE	
SUPPLIED BY OTHERS	
CONDENSATE DRAIN	- - - -
COPPER TUBE	=====



ANCHOR BOLT LOCATIONS



INSPECTION CHECKLIST UNLESS OTHERWISE SPECIFIED: ALL ITEMS MARKED BY ONE OF THE ABOVE SYMBOLS ARE TO BE INSPECTED EQUIPMENT TO BE USED DURING RECEIVING INSPECTION SHALL BE PER QUALITY SYSTEM PROCEDURES	Revised: JDY	Date: 5/18/2026	Drawn: JDY	Date: 2/17/2026
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: XXX ±.10 XXX ±.005		Scale: NTS	
	Description: DWG INST DX CD20+ 7-15kW INSTRUMENT AIR MODULAR		Drawing Number: 4107 8579 56	
	Sheet 2 of 2		Rev: 01 DO NOT SCALE THIS DOCUMENT	