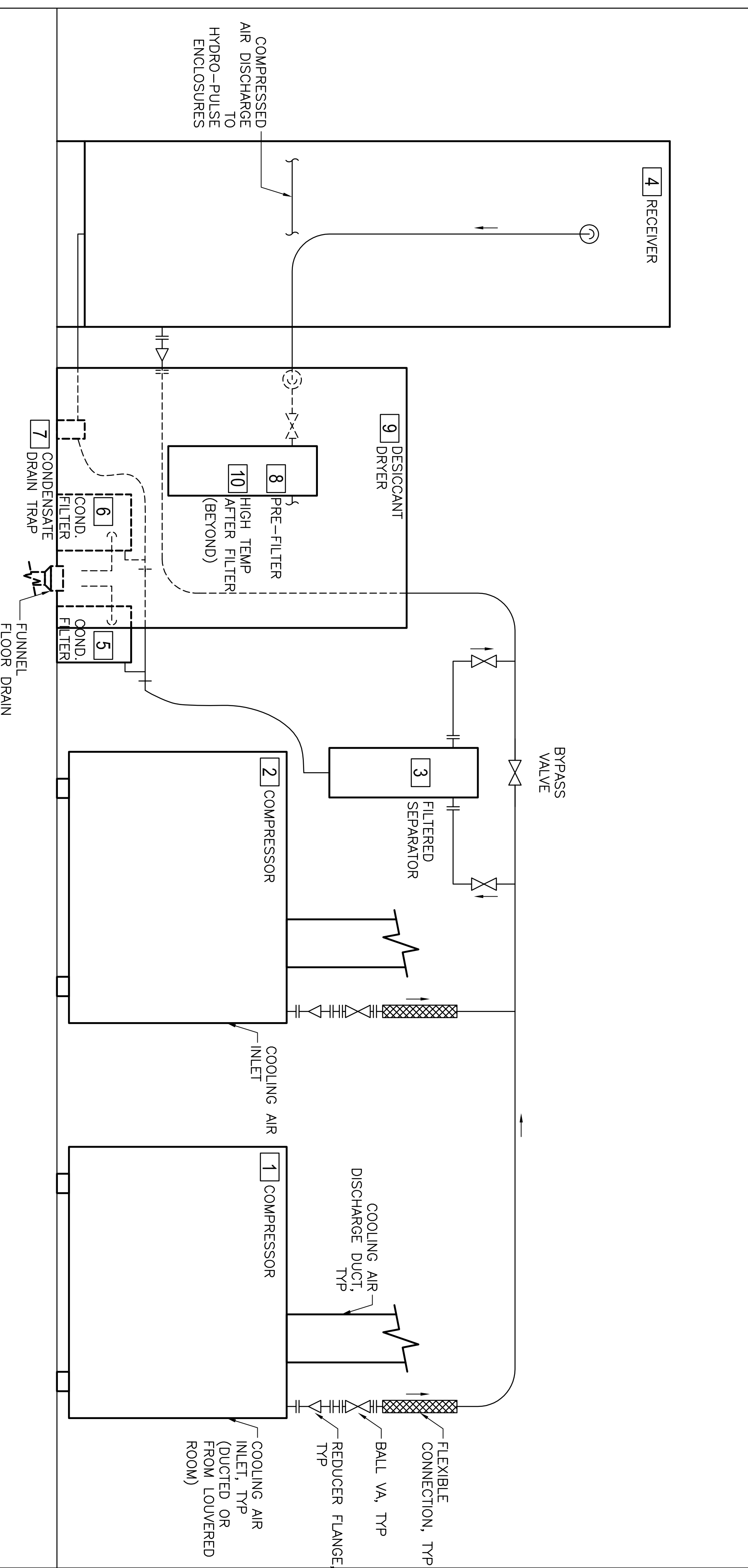
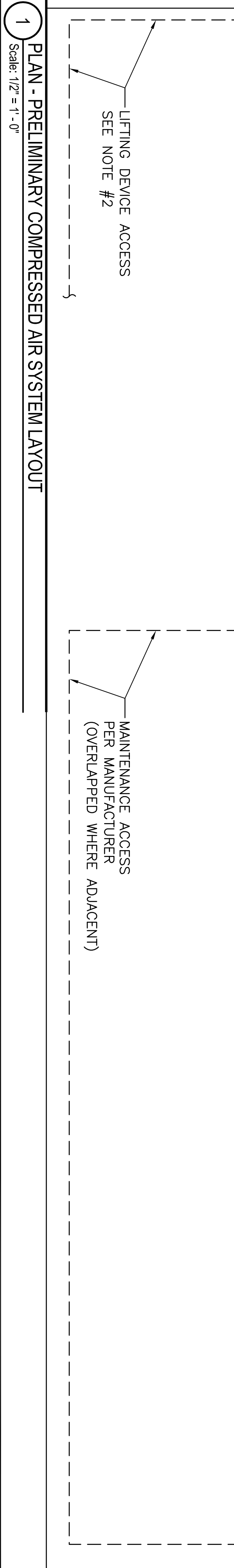
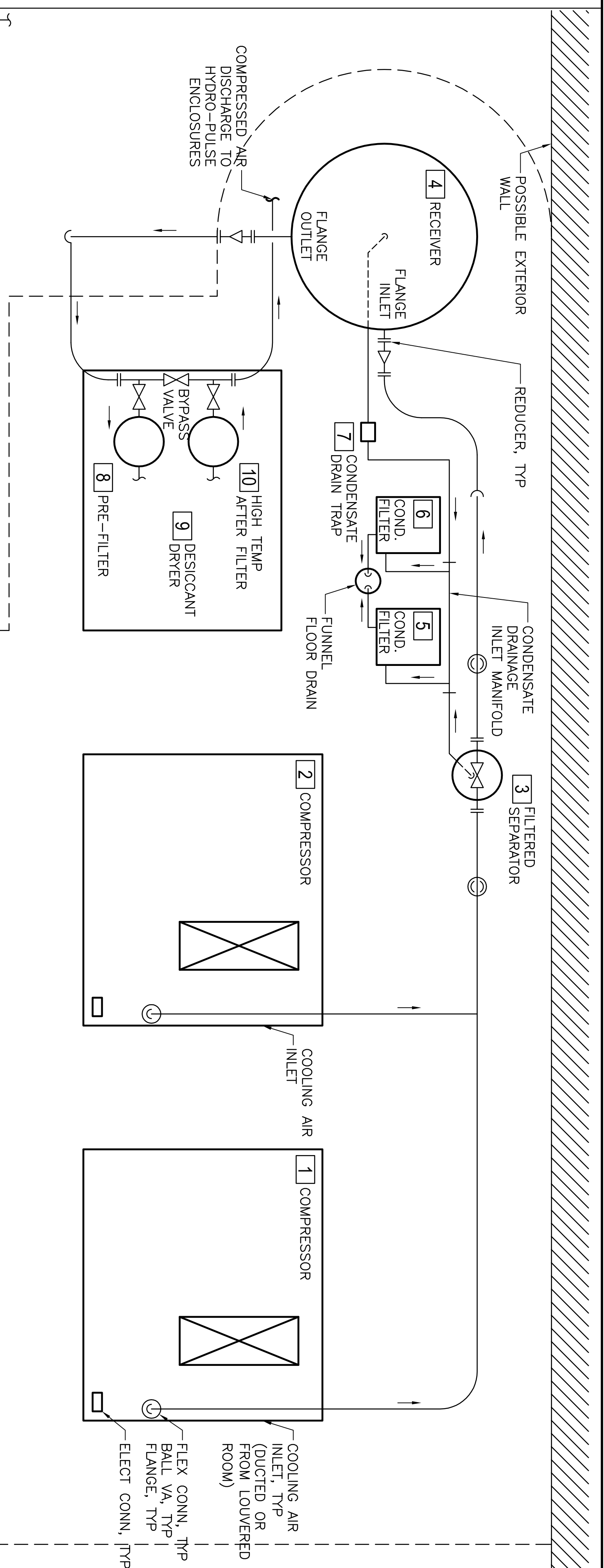


GENERAL NOTES

1. MINIMUM SERVICE CLEARANCES ARE SHOWN.
2. PROVIDE ADEQUATE ACCESS FOR LIFTING EQUIPMENT.
3. COOLING AIR FOR COMPRESSORS CAN BE DUCTED DIRECTLY TO THE COMPRESSOR INLET OR ROOM CAN BE USED AS A PLENUM. AT LEAST ONE EXTERIOR WALL SHALL BE COMMON TO THE EQUIPMENT ROOM FOR COOLING AIR INTAKE AND DISCHARGE.
4. MINIMUM TEMPERATURE FOR COMPRESSOR STARTUP IS ++40° F.
5. ALL OR A PORTION OF THE COMPRESSOR COOLING AIR DISCHARGE MAY BE DUCTED TO THE BUILDING EXTERIOR OR INTERIOR DEPENDING ON THE BUILDING NEEDS.
6. ALLOW ADEQUATE CLEARANCE FOR REMOVAL AND REPLACEMENT OF FILTER ELEMENTS (APPROX. 48").
7. PLAN REPRESENTS A POSSIBLE EQUIPMENT LAYOUT.

EQUIPMENT SCHEDULE

NO.	ITEM	DESCRIPTION	WT (LBS)	MFR/MODEL	REMARKS	PROVIDED BY
1	COMPRESSOR	ROTARY SCREW, AIR COOLED, OIL FLOODED,	8,070	KAESER	-	PHI
2	COMPRESSOR	ROTARY SCREW, AIR COOLED, OIL FLOODED,	8,070	KAESER	-	PHI
3	SEPARATOR	TO SEPARATE WATER & PARTICULATE	91	KAESER	-	PHI
4	RECEIVER	VERTICAL WITH BASE RING & BOLT-DOWN TABS, WITH PRESS. RELIEF VA & PRESSURE GAUGE, ASME LISTED,	3,450	MANCHESTER	-	PHI
5	CONDENSATE FILTER	TO SEPARATE WATER FROM OIL	25 (DRY)	KAESER	-	PHI
6	CONDENSATE FILTER	TO SEPARATE WATER FROM OIL	25 (DRY)	KAESER	-	PHI
7	CONDENSATE DRAIN TRAP	AUTOMATIC DEMAND TYPE, 115V, 1 PHASE, 60HZ.	4.4	KAESER	-	PHI
8	PRE-FILTER (OIL REMOVAL)	HIGH EFFICIENCY OIL REMOVAL. INCLUDED WITH ITEM [9]	91	KAESER	-	PHI
9	DESICCANT DRYER	DUAL TOWER, EXHAUST PURGE, HEATER @ 460° V, 3 PHASE, 60 HZ	2,900	KAESER	-	PHI
10	HIGH TEMP AFTER FILTER (PARTICULATE)	PARTICULATE FILTRATION INCLUDED WITH ITEM [9]	159	KAESER	-	PHI



PRELIMINARY
NOT FOR CONSTRUCTION

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Preliminary
Compressed Air
System Layout
Marysville WRF
City of Marysville
125 E Sixth Street
Marysville OH 43040

Project #: 06-015
Date: 10-06-05

EQUIPMENT SCHEDULE,
PLAN & ELEVATION

PH-00