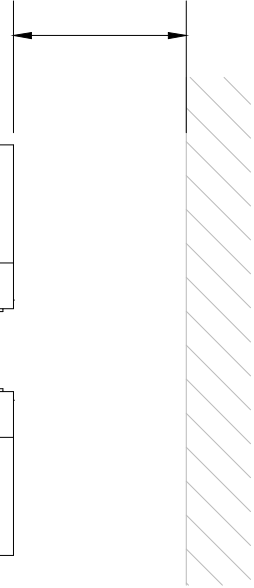
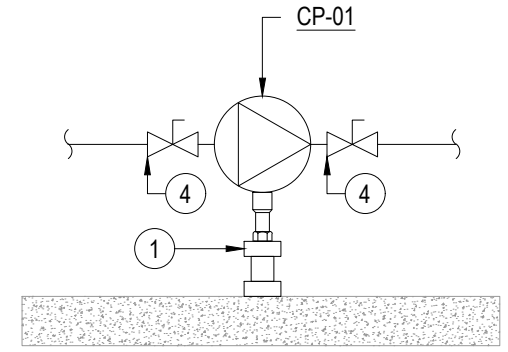


MIN CLEARANCE 11.81"



**GENERAL NOTES**

- ① - PUMP INSTALLED WITH MOUNTING BRACKET OR BASE PLATE, ENSURE THAT NO STRAIN IS PUT ON THE CONNECTIONS TO THE PUMP.
- ② - FLUID FLOW/DIRECTION CAN BE DONE VERTICAL OR HORIZONTAL. REGARDLESS OF FLOW/DIRECTION THE PUMP MOTOR MUST NEVER BE BELOW THE PUMP VOLUTE. ENSURE FLOW ARROW MATCHES FLUID FLOW.
- ③ - WHEN INSTALLING ON HORIZONTAL PIPE ENSURE VOLUTE IS ROTATED SO ONE PUMP HEAD IS ABOVE THE OTHER, ON THE UPPER CHAMBER INSTALL AN AUTOMATIC AIR VENT (NOT INCLUDED WITH PUMP).
- ④ - IT IS RECOMMENDED TO INSTALL ISOLATION VALVES ON BOTH SIDES OF PUMP FOR MAINTENANCE.
- ⑤ - PUMP COMES WITH INTEGRAL TEMPERATURE AND DIFFERENTIAL-PRESSURE SENSOR THAT CONNECTS DIRECTLY TO VOLUTE.
- ⑥ - COMMUNICATION INTERFACE MODULES AVAILABLE FOR BMS INTEGRATION AS CUSTOMIZATION OPTIONS. CIM MODULE INSTALLED BEHIND FACEPLATE.



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**GRUNDFOS TPE3 CIRCULATION PUMP DRAWING AND SCHEMATIC**

SCALE: NTS



DRAWING TITLE: GRUNDFOS TPE3 D CIRCULATION PUMP DETAIL		
DRAWING NUMBER: 009		
DRAWN BY BM	LAST REVISED 01/21/2022	DRAWING SCALE NTS

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