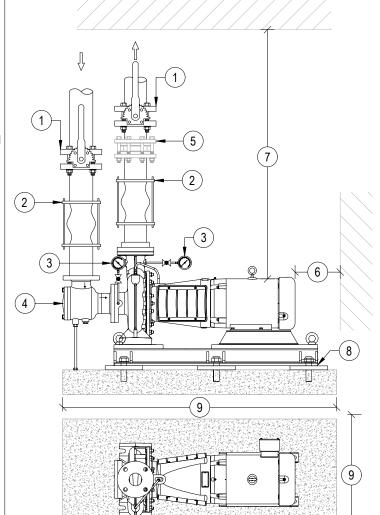


GENERAL NOTES

- (1) TWO (2) BUTTERFLY VALVES, SEE PLANS FOR LINE SIZE. [5.2.2 AND 5.2.3]
- (2) RUBBER OR METAL EXPANSION JOINT ARE TO BE INSTALLED A MINIMUM OF 1 PIPE DIAMETER FROM THE SUCTION DIFFUSER INLET AND PUMP OUTLET FLANGE. IF 4" PIPE SIZE OR LARGER USE EXPANSION JOINTS WITH LIMITING RODS. [5.3]
- (3) INSTALL ONE (1) PRESSURE GAUGES WITH ISOLATION VALVE ON OUTLET AND ONE (1) MANO-VACUUM GAUGE WITH ISOLATION VALVE ON THE INLET. VALVES ARE TO BE REGULARLY CLOSED AND ONLY OPENED TO GATHER READING. [5.4.1]
- (4) SUCTION DIFFUSER, INLET TO MATCH LINE SIZE AND DISCHARGE TO MATCH INLET PUMP SIZE. SEE PLANS FOR COORDINATED SIZES. ENSURE SUCTION DIFFUSER IS PROPERLY SUPPORTED ON CONCRETE
- OPTIONAL CHECK VALVE. SEE PLANS FOR COORDINATED LINES SIZES.
- (6) FOR ALL SIZES PROVIDE A MINIMUM OF 12" OF CLEARANCE. [4.1.1]
- (7) FOR SELECTIONS 7.5 HP AND UP PROVIDE A MINIMUM OF 40" OF CLEARANCE FOR LIFTING EQUIPMENT.
- (8) PUMP IS DIRECTLY MOUNTED TO 4" CONCRETE HOUSE KEEP PAD USING EMBEDDED ANCHOR BOLTS. ENSURE PUMP IS PROPERLY LEVEL PRIOR TO OPERATION. NO GROUTING REQUIRED. [5.1.1 AND
- CONCRETE HOUSE KEEPING PAD MUST BE A MINIMUM OF 8" LARGER THAN THE OVERALL LENGTH AND WIDTH OF PUMP AND INCLUDE SUCTION DIFFUSER SUPPORT STAND. [5.1]



SCALE: NTS



GENERAL NOTES

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- OPTIONAL CHECK VALVE. SEE PLANS FOR COORDINATED LINES SIZES.
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- (7) FOR SELECTIONS 7.5 HP AND UP PROVIDE A MINIMUM OF 40" OF CLEARANCE FOR LIFTING EQUIPMENT. [4.1.1]
- PUMP IS BASE FRAME MOUNTED TO 4" CONCRETE HOUSE KEEP PAD USING EMBEDDED ANCHOR BOLTS ENSURE PUMP IS PROPERLY LEVEL PRIOR TO OPERATION. NO GROUTING REQUIRED. [5.1.1 AND
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BASE FRAME END-SUCTION PUMP DETAIL

SCALE: NTS



GRUNDFOS NBS PUMP-VERTICAL SUPPLY DETAIL

LAST REVISED DRAWING SCALE

NTS

08.30.21

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QR CODE GENERAL NOTES / COMMENTS

> 1. DETAILS CAN BE CUSTOMIZED TO YOUR SPECIFIC APPLICATION, PLEASE CONTACT BRIAN MCNEIL (BRIAN@HURLEYENGINEERING.COM) AT HURLEY ENGINEERING WITH YOUR REQUEST.