



GENERAL NOTES

- ① - BUTTERFLY VALVE, SEE PLANS FOR LINE SIZE.
- ② - STRAINER, SEE PLANS FOR LINE SIZE.
- ③ - INSTALL TWO (2) PRESSURE GAUGES WITH ISOLATION BALL VALVE ON SUCTION AND DISCHARGE SIDE OF PUMP.
- ④ - PROVIDE A MINIMUM OF FOUR (4) PIPE DIAMETERS OF STRAIGHT RUN FROM SUCTION FLANGE TO NEXT FITTING EXCLUDING EXPANSION JOINT.
- ⑤ - EXPANSION JOINT, SEE PLANS FOR LINE SIZE.
- ⑥ - CHECK VALVE, SEE PLANS FOR LINE SIZE.
- ⑦ - PUMP IS BASE MOUNTED TO CONCRETE HOUSE KEEPING PAD WITH 4 BOLTS. CONTRACTOR MAY PROVIDE 4 CYLINDRICAL RUBBER VIBRATION ISOLATORS BETWEEN THE PUMP BASE AND HOUSING KEEPING PAD IF CALLED OUT ON PLANS.
- ⑧ - 4" CONCRETE HOUSE KEEPING PAD.
- ⑨ - DEPENDING ON PUMP SIZE IT IS RECOMMENDED TO PROVIDE A CEILING MOUNTED EYELET DIRECTLY ABOVE PUMP FOR FUTURE MAINTENANCE.

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VERTICAL MULTISTAGE PUMP DETAIL

SCALE: NTS



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