

INVERT, INFLUENT PIPE

1'-0"

LEVEL SWITCH HI HI, (LSHHI, FLOAT, ALARM AND START LAG PUMP)

1'-0"

LEVEL SWITCH HI (LSH), MULTI-TRODE, START LEAD PUMP

**NORMAL OPERATING RANGE (NOR)**

①

**CALCULATE AS FOLLOWS:**

- SELECT DIAMETER (D) AS PER DEPARTMENT OF PUBLIC SERVICES "REQUIREMENTS FOR DESIGN AND CONSTRUCTION"
- 15 MINUTE MINIMUM CYCLE TIME
- $V=(TXQ)/4$ , WHERE V=VOLUME, T=MIN. CYCLE TIME, AND Q=PUMP DESIGN FLOW.
- $NOR=V/-((\pi D^2)/4)$

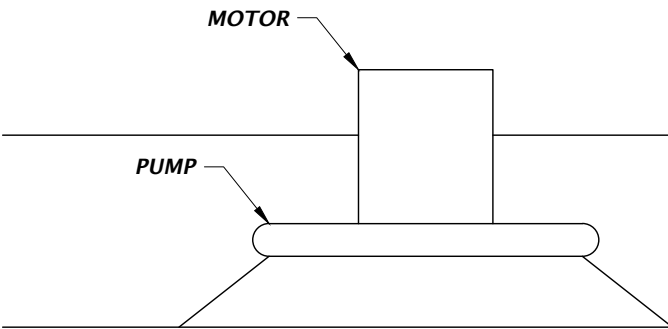
①  
X'-Y"

LEVEL SWITCH LO (LSL), MULTI-TRODE, STOP LEAD PUMP

1'-0"

LEVEL SWITCH LO LO (LSLL), MULTI-TRODE, ALARM AND STOP LAG PUMP

1'-0"



MINIMUM PUMP SUBMERGENCE AS REFERENCED TO TOP OF FLOOR, AS PER PUMP VENDOR, 2'-0" MINIMUM

224

LIFT STATION WET WELL DEPTH  
NTS

