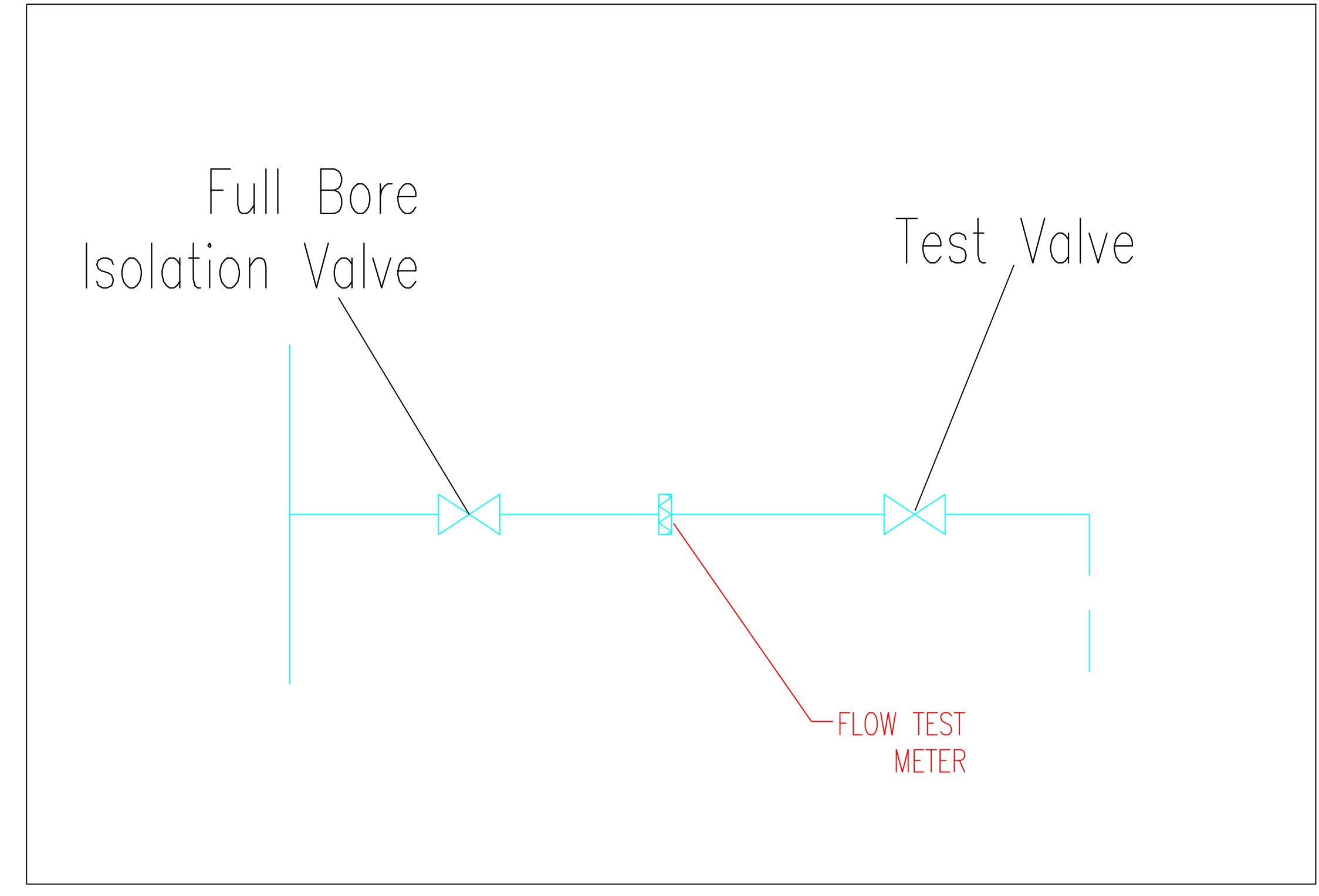


VORTEX INHIBITOR DETAIL

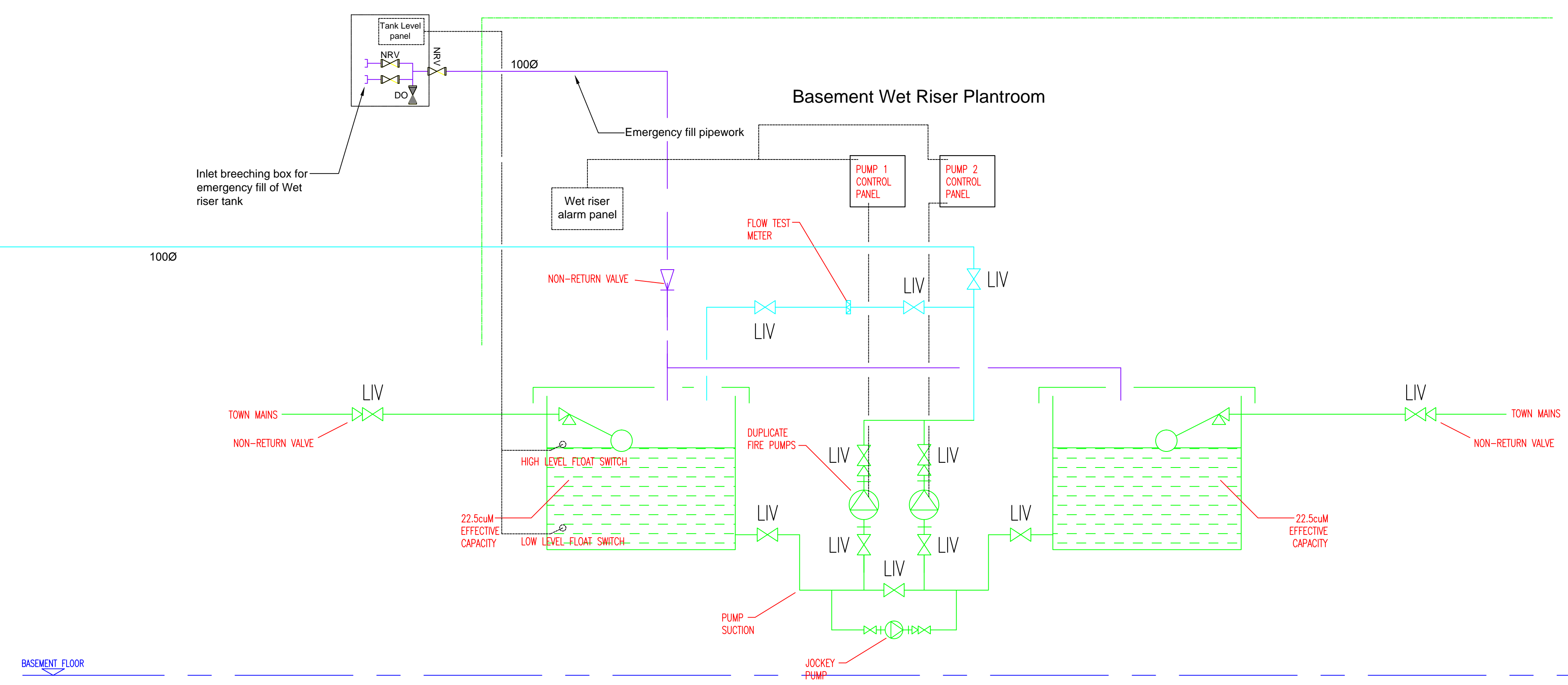
VALVE REF.	DESCRIPTION	FUNCTION	OPERATIONAL STATUS
A	1500 ISOLATION GATE VALVE	PUMP No.1 SUCTION ISOLATION VALVE	OPEN
B	1500 ISOLATION GATE VALVE	PUMP No.2 SUCTION ISOLATION VALVE	OPEN
C	1000 WAFFER NON-RETURN VALVE	PUMP No.1 DELIVERY NON-RETURN VALVE	OPEN
D	1000 WAFFER NON-RETURN VALVE	PUMP No.2 DELIVERY NON-RETURN VALVE	OPEN
E	1000 GROOVED BUTTERFLY ISOLATION VALVE	PUMP No.1 DELIVERY ISOLATION VALVE	OPEN
F	1000 GROOVED BUTTERFLY ISOLATION VALVE	PUMP No.2 DELIVERY ISOLATION VALVE	OPEN
G	250 BSP LEVER HANDLE BALL VALVE	JOCKEY SUCTION ISOLATION	OPEN
H	250 BSP LEVER HANDLE BALL VALVE	JOCKEY SUCTION ISOLATION	OPEN
I	250 BSP LEVER HANDLE BALL VALVE	JOCKEY DELIVERY ISOLATION	OPEN
J	250 BSP LEVER HANDLE BALL VALVE	JOCKEY DELIVERY ISOLATION	OPEN
K	250 BSP NON-RETURN VALVE	JOCKEY DELIVERY NON-RETURN VALVE	OPEN
L	150 BSP LEVER HANDLE BALL VALVE	PUMP No. 1 TEST	OPEN
M	150 BSP LEVER HANDLE BALL VALVE	PUMP No. 2 TEST ISOLATION	OPEN
N	150 BSP LEVER HANDLE BALL VALVE	JOCKEY PUMP TEST ISOLATION	OPEN
O	150 BSP LEVER HANDLE BALL VALVE	PUMP No. 1 TEST START	CLOSED
P	150 BSP LEVER HANDLE BALL VALVE	PUMP No. 2 TEST START	CLOSED
Q	150 BSP LEVER HANDLE BALL VALVE	JOCKEY PUMP TEST START	CLOSED

MAIN VALVE SCHEDULE

FLOW TEST ARRANGEMENT



FLOW TEST PROCEDURES
 NOTIFY THE SECURITY/CONCIERGE OF THE INTENTION TO START THE PUMP SO THAT ANY ALARMS CAN BE SILENCED FOR THE PERIOD OF TESTING
 ENSURE BOTH PUMP TEST ISOLATION AND TEST VALVES ARE FULLY CLOSED
 START PUMP No. 1 USING PUMP INITIATION LINE
 RUN PUMP FOR 1 MIN.
 OPEN PUMP TEST ISOLATION VALVE SLOWLY.
 RECORD PRESSURE AT ZERO FLOW ON PUMP DELIVERY GAUGE & AMPS ON PUMP CONTROL PANEL
 CRACK OPEN TEST VALVE SLOWLY AND CHECK THAT WATER IS GOING TO TANK WITH NO LEAKS IN TEST LINE
 OPEN UP VALVE TO ACHIEVE A FLOW OF 700LPM AND RECORD PRESSURE ON PUMP DELIVERY GAUGE
 REPEAT FOR FLOWS OF 1100LPM AND THEN 1500LPM
 CLOSE TEST VALVE SLOWLY TO AVOID HYDRAULIC SHOCK
 CLOSE PUMP TEST ISOLATION VALVE AND RECORD THE PRESSURE ON PUMP DELIVERY GAUGE
 STOP PUMP USING MANUAL STOP BUTTON ON PUMP CONTROL PANEL
 REPEAT THE ABOVE FOR PUMP No. 2
 ON COMPLETION NOTIFY THE SECURITY/CONCIERGE OF THE COMPLETION OF THE TEST SO THAT ANY ALARMS CAN PUT BACK ON LINE



NOTES TO CLIENT
 DO NOT SCALE OFF THIS DRAWING
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 ALL DIMENSIONS SHOULD BE READ IN THE HORIZONTAL PLANE UNLESS ALIGNED DIMS ARE PROVIDED.
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