1.8.3   Process Control Interface

A.   The PLC shall include (where applicable) but not limited to the following:

   a.   Digital Inputs

      1.   400 V PLC Power Healthy

      2.   PLC power failed

      3.   Pump running

      4.   Pump failed

      5.   Pump available

      6.   Sump Pump running

      7.   Sump Pump failed

      8.   Sump Pump available

      9.   Sump level High

      10. Wet well High level float

      11. Wet well Duty1 float

      12. Wet well Duty2 float

      13. Wet well Duty3 float

      14. Wet well common stop float

      15. Wet well dry run float

      16. Pump room fire alarm

      17. MCC room fire alarm

      18. Flood detector alarm

      19. RTU failure (from RTU)

      20. Level / Float selection

      21. Remote / Local selection

      22. Pump water ingress

      23. Soft starter unit failed

      24. Generator running