

General Note:

The following instruments are to be provided and installed by the Contractor unless otherwise indicated as Existing

| New/Existing | Tag | Description | Location | Specification | Plan Drawing | P&ID Drawing | Connection / Loop Drawing | Mounting | Recommended Supplied Under Form B Line Item | Notes |
|--------------|------------|--|------------------|---------------|-------------------|-------------------|---------------------------|-----------|---|--|
| Existing | LT-S551 | CSO - Upstream of Weir Level Transmitter | Weir Gate | - | - | - | 1-0155L-A0007-001 | - | - | - |
| Existing | LT-F651 | CSO - Between Weir and Flap Gate Level Transmitter | Weir Gate | - | - | - | 1-0155L-A0007-001 | - | - | - |
| Existing | LT-S951 | CSO - Downstream of Flap Gate Level Transmitter | Flap Gate | - | - | - | 1-0155L-A0007-001 | - | - | - |
| Existing | ZT-F851 | CSO - Flap Gate Inclination Transmitter | Flap Gate | - | - | - | 1-0155L-A0007-001 | - | - | - |
| New | ESL-A528 | 120V Power Fail Relay | Motor Room | 25 30 01 | 1-0155L-E0004-001 | - | 1-0155L-A0005-001 | Panel | 6 - Automation | Integral to CP-A81, supplied with CP-A81 |
| New | ESL-A721 | 600V Power Fail Relay | MCC-A72 | 26 24 19 | 1-0155L-E0004-001 | - | 1-0155L-E0008-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | HS-A522 | Alarm Test Hand Switch | Motor Room | 25 30 03 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0006-001 | Panel | 6 - Automation | Integral to CP-A81, supplied with CP-A81 |
| New | HS-F523 | Flood Station Enabled Hand Switch | Motor Room | 25 30 03 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0006-001 | Panel | 6 - Automation | Integral to CP-A81, supplied with CP-A81 |
| New | HS-A600 | Station Occupied Hand Switch | Motor Room | 26 27 26 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | - | Wall | 6 - Automation | Part of double pole light switch |
| New | HSS-F010-1 | Flood Pump P-F01 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0010-001 | Wall | 5 - Electrical | Locate next to motor |
| New | HSS-F010-2 | Flood Pump P-F01 Emergency Stop Button | Flood Dry Well | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0010-001 | Wall | 5 - Electrical | Locate next to pump |
| New | HSS-F010-3 | Flood Pump P-F01 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0010-001 | Panel | 5 - Electrical | Integral to MCC-A71, supplied with MCC-A71 |
| New | HSS-F020-1 | Flood Pump P-F02 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0011-001 | Wall | 5 - Electrical | Locate next to motor |
| New | HSS-F020-2 | Flood Pump P-F02 Emergency Stop Button | Flood Dry Well | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0011-001 | Wall | 5 - Electrical | Locate next to pump |
| New | HSS-F020-3 | Flood Pump P-F02 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-E0011-001 | Panel | 5 - Electrical | Integral to MCC-A71, supplied with MCC-A71 |
| New | HSS-L010-1 | Lift Pump P-L01 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0012-001 | Wall | 5 - Electrical | Locate next to motor |
| New | HSS-L010-2 | Lift Pump P-L01 Emergency Stop Button | Lift Dry Well | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0012-001 | Wall | 5 - Electrical | Locate next to pump |
| New | HSS-L010-3 | Lift Pump P-L01 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0012-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | HSS-L020-1 | Lift Pump P-L02 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0013-001 | Wall | 5 - Electrical | Locate next to motor |
| New | HSS-L020-2 | Lift Pump P-L02 Emergency Stop Button | Lift Dry Well | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0013-001 | Wall | 5 - Electrical | Locate next to pump |
| New | HSS-L020-3 | Lift Pump P-L02 Emergency Stop Button | Motor Room | 25 30 01 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-E0013-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | II-F010 | Flood Pump P-F01 Analog Current Meter | Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-A0015-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | II-F020 | Flood Pump P-F02 Analog Current Meter | Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-A0016-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | IT-F010 | Flood Pump P-F01 Current Transducer | Motor Room | 26 29 10 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-A0015-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | IT-F020 | Flood Pump P-F02 Current Transducer | Motor Room | 26 29 10 | 1-0155L-E0004-001 | 1-0155L-P0002-001 | 1-0155L-A0016-001 | Panel | 5 - Electrical | Integral to MCC-A72, supplied with MCC-A72 |
| New | II-L010 | Lift Pump P-L01 Analog Current Meter | Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-A0017-001 | Panel | 5 - Electrical | Integral to VFD Cabinet, Supplied with VFD Cabinet |
| New | II-L020 | Lift Pump P-L02 Analog Current Meter | Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-A0018-001 | Panel | 5 - Electrical | Integral to VFD Cabinet, Supplied with VFD Cabinet |
| New | IT-L010 | Lift Pump P-L01 Current Transducer | Motor Room | 26 29 23 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-A0017-001 | Panel | 5 - Electrical | Integral to VFD Cabinet, Supplied with VFD Cabinet |
| New | IT-L020 | Lift Pump P-L02 Current Transducer | Motor Room | 26 29 23 | 1-0155L-E0004-001 | 1-0155L-P0003-001 | 1-0155L-A0018-001 | Panel | 5 - Electrical | Integral to VFD Cabinet, Supplied with VFD Cabinet |
| New | LE-F500 | Flood Wet Well Level Transducer | Flood Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Suspended | 6 - Automation | Supplied with LIT-500 |
| New | LIC-F500 | Flood Wet Well Level Transmitter | Motor Room | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Panel | 6 - Automation | Integral to CP-A81, supplied with CP-A81 |
| New | LE-L500A | Lift Station Wet Well Level Transmitter #1 | Lift Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | Supplied with LIT-L500A |
| New | LE-L500B | Lift Station Wet Well Level Transmitter #2 | Lift Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | Supplied with LIT-L500B |
| New | LIC-L500 | Lift Wet Well Level Transmitter | Motor Room | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Panel | 6 - Automation | Integral to CP-A81, supplied with CP-A81 |
| New | LSH-L500 | Lift Station Wet Well High Level Switch | Lift Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | - |
| New | LSH-L501 | Lift Station Dry Well Flood Switch | Lift Dry Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | - |
| New | LSH-L902 | Lift Station Sanitary Overflow Switch | Lift Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | - |
| New | LSH-F500 | Flood Station Wet Well High Level Switch | Flood Dry Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Suspended | 6 - Automation | - |
| New | LSH-F501 | Flood Station Dry Well Flood Level Switch | Flood Wet Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Suspended | 6 - Automation | - |
| New | LSH-L502 | Comminutor Chamber Flood Switch | Comm Chamber | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0003-001 | 1-0155L-A0013-001 | Suspended | 6 - Automation | - |
| New | LSH-F901 | Weir Overflow Switch | Weir Gate | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Suspended | 6 - Automation | - |
| New | MCC-A71.PM | 600V Power Meter | Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0004-001 | 1-0155L-E0008-001 | Panel | 5 - Electrical | Integral to MCC-F71, supplied with MCC-F71 |
| New | PSL-F526 | Seal Water Low Pressure Switch | Flood Dry Well | 25 30 02 | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-A0012-001 | Pipe | 6 - Automation | - |
| New | TT-A910 | Motor Room Temperature Transmitter | Motor Room | Mechanical | 1-0155L-A0001-001 | 1-0155L-P0004-001 | 1-0155L-A0014-001 | Ceiling | 6 - Automation | - |
| New | XS-A711 | Transient Voltage Surge Suppressor Relay | Flood Motor Room | 26 24 19 | 1-0155L-E0004-001 | 1-0155L-P0004-001 | 1-0155L-E0008-001 | Panel | 5 - Electrical | Integral to MCC-F71, supplied with MCC-F71 |
| New | XV-F010 | Flood Pump P-F01 Seal Water Solenoid Valve | Flood Dry Well | Mechanical | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-E0010-001 | Pipe | 5 - Electrical | - |
| New | XV-F020 | Flood Pump P-F02 Seal Water Solenoid Valve | Flood Dry Well | Mechanical | 1-0155L-A0001-001 | 1-0155L-P0002-001 | 1-0155L-E0011-001 | Pipe | 5 - Electrical | - |