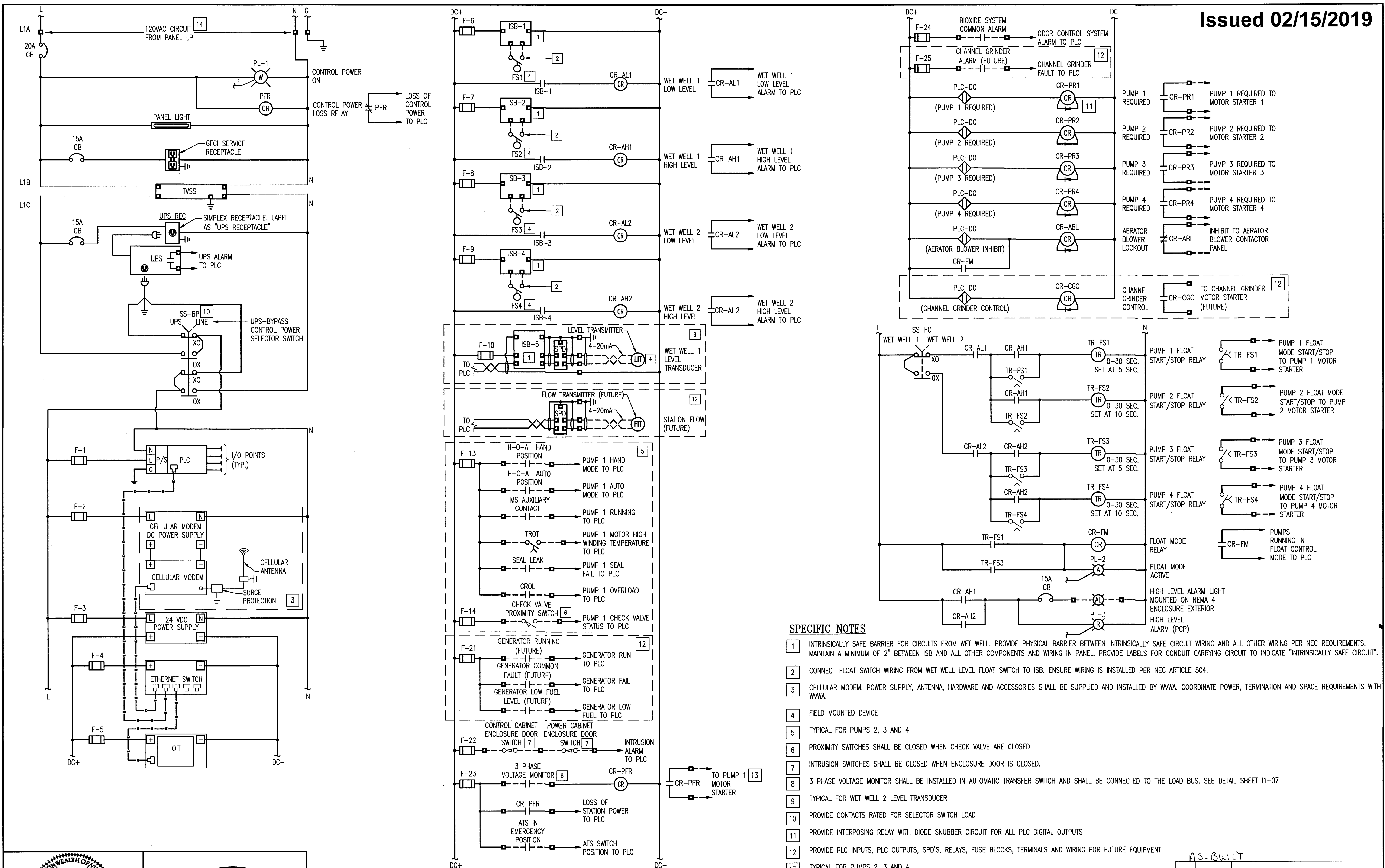
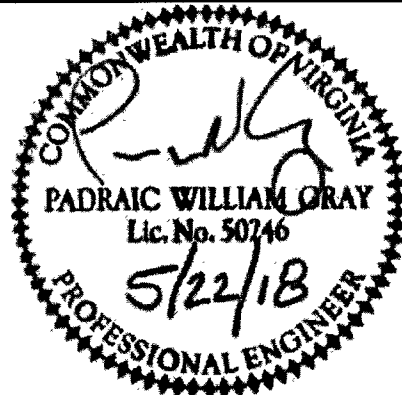




SPECIFIC NOTES

- 1 INTRINSICALLY SAFE BARRIER FOR CIRCUITS FROM WET WELL. PROVIDE PHYSICAL BARRIER BETWEEN INTRINSICALLY SAFE CIRCUIT WIRING AND ALL OTHER WIRING PER NEC REQUIREMENTS. MAINTAIN A MINIMUM OF 2" BETWEEN ISB AND ALL OTHER COMPONENTS AND WIRING IN PANEL. PROVIDE LABELS FOR CONDUIT CARRYING CIRCUIT TO INDICATE "INTRINSICALLY SAFE CIRCUIT".
- 2 CONNECT FLOAT SWITCH WIRING FROM WET WELL LEVEL FLOAT SWITCH TO ISB. ENSURE WIRING IS INSTALLED PER NEC ARTICLE 504.
- 3 CELLULAR MODEM, POWER SUPPLY, ANTENNA, HARDWARE AND ACCESSORIES SHALL BE SUPPLIED AND INSTALLED BY WWA. COORDINATE POWER, TERMINATION AND SPACE REQUIREMENTS WITH WWA.
- 4 FIELD MOUNTED DEVICE.
- 5 TYPICAL FOR PUMPS 2, 3 AND 4
- 6 PROXIMITY SWITCHES SHALL BE CLOSED WHEN CHECK VALVE ARE CLOSED
- 7 INTRUSION SWITCHES SHALL BE CLOSED WHEN ENCLOSURE DOOR IS CLOSED.
- 8 3 PHASE VOLTAGE MONITOR SHALL BE INSTALLED IN AUTOMATIC TRANSFER SWITCH AND SHALL BE CONNECTED TO THE LOAD BUS. SEE DETAIL SHEET 11-07
- 9 TYPICAL FOR WET WELL 2 LEVEL TRANSDUCER
- 10 PROVIDE CONTACTS RATED FOR SELECTOR SWITCH LOAD
- 11 PROVIDE INTERPOSING RELAY WITH DIODE SNUBBER CIRCUIT FOR ALL PLC DIGITAL OUTPUTS
- 12 PROVIDE PLC INPUTS, PLC OUTPUTS, SPD'S, RELAYS, FUSE BLOCKS, TERMINALS AND WIRING FOR FUTURE EQUIPMENT
- 13 TYPICAL FOR PUMPS 2, 3 AND 4
- 14 REFER TO ELECTRICAL SHEETS FOR SPECIFIC CIRCUIT LOCATION AND VOLTAGE.



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WESTERN VIRGINIA WATER AUTHORITY

601 South Jefferson Street, Suite 300
Roanoke, Virginia 24011

DES: HCA
DRAWN: HCA
CHECK: XXX
DATE: 05/24/18

SCALE: NO SCALE
HORIZ: N/A
VERT: N/A

SUMMIT VIEW BUSINESS PARK UTILITY IMPROVEMENTS
PHASE 1

LIFT STATION #2
PUMP CONTROL PANEL ECD

DRAWING

11.04

SHEET

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