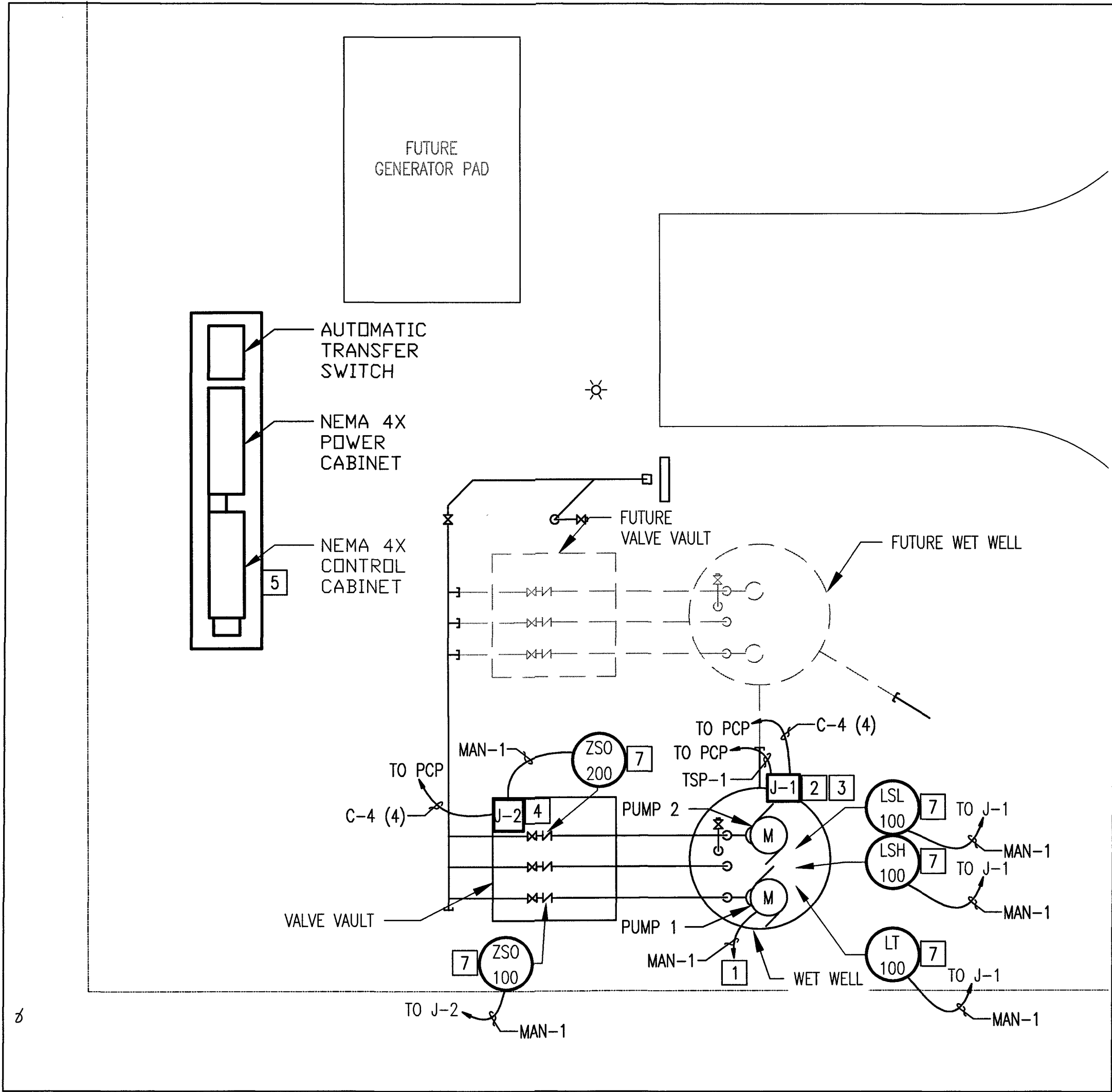
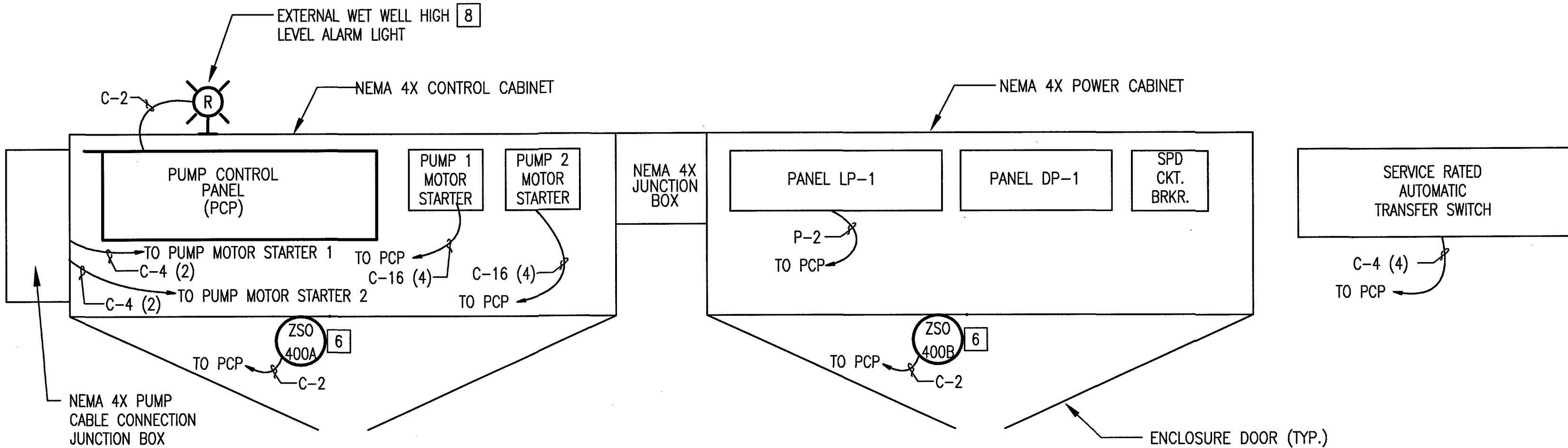


SPECIFIC NOTES

- 1 PUMP MANUFACTURER SUPPLIED CABLE CONTAINING MOTOR OVER TEMPERATURE AND SEAL FAIL CONDUCTORS. ROUTE TO NEMA 4X PUMP CABLE CONNECTION JUNCTION BOX. REFER TO E-SHEETS FOR JUNCTION BOX LOCATION AND DETAILS. TYPICAL FOR PUMP 2.
- 2 NEMA 4X JUNCTION BOX MOUNTED AT WET WELL. SEE DETAIL ON SHEET 11.07.
- 3 PROVIDE DIN RAIL MOUNTED, NEMA RATED TERMINALS IN JUNCTION BOX FOR SPLICING TRANSDUCER AND FLOAT SWITCH CABLES.
- 4 NEMA 4 PVC JUNCTION BOX INSTALLED IN VAULT NEAR CEILING. PROVIDE DIN RAIL MOUNTED, NEMA RATED TERMINALS FOR SPLICING PUMP CHECK VALVE SWITCH CABLES.
- 5 PROVIDE SPARE CONDUITS FOR FUTURE WET WELL, VALVE VAULT AND GENERATOR I&C CIRCUITS:
 - a. HIGH AND LOW FLOAT SWITCHES = 3/4" CONDUIT
 - b. WET WELL LEVEL TRANSDUCER = 1" CONDUIT
 - c. CHECK VALVE POSITION SWITCHES = 3/4" CONDUIT
 - d. GENERATOR MONITORING/ALARMS = 1" CONDUITSTUB CONDUITS UP BENEATH PCP AND EXTEND 3' BEYOND EDGE OF ELECTRICAL CABINET SLAB. CAP CONDUITS AT BOTH ENDS.
- 6 INSTALL INTRUSION SWITCH ON ACTIVE SIDE OF ENCLOSURE DOORS
- 7 SEE DETAIL SHEET 11.07
- 8 PROVIDE 2" X 4" ENGRAVED PHENOLIC LABEL WITH 3/16" LETTERS READING "HIGH WET WELL LEVEL ALARM LIGHT"



1 LS-1 I&C LAYOUT
11.01 SCALE: NONE



2 LS-1 NEMA 4X ELECTRICAL CABINETS LAYOUT DETAIL
11.01 SCALE: NONE



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 #1
INSTRUMENTATION AND CONTROLS LAYOUT

DRAWING
11.01

SHEET
70

AS-Built

REV	DATE	DESCRIPTION