

LEGEND:

- POWER WIRING  
--- CONTROL WIRING  
--- BUTTERFLY VALVE  
--- CHECK VALVE  
--- BALL VALVE  
--- PRESSURE RELIEF VALVE  
--- FLOW METER  
--- PRESSURE TRANSMITTER  
--- PRESSURE GAUGE  
--- REDUCER  
--- IRRIGATION HYDRANT  
--- FLANGE  
--- FLAT ON BOTTOM  
--- FLAT ON TOP  
--- BALL VALVE WITH PLUG  
PM-X PRESSURE MAINTENANCE PUMP



Certificate of Authorization  
KGS Group  
No. 245



| Revision | Description       | Date       |
|----------|-------------------|------------|
| 0        | ISSUED FOR TENDER | 2016/07/15 |

Client

Project  
**BRANDON RESEARCH CENTER  
IRRIGATION SYSTEM**

Designed by  
**DJ**

Drawn by  
**JFS**

Approved by  
**RK**

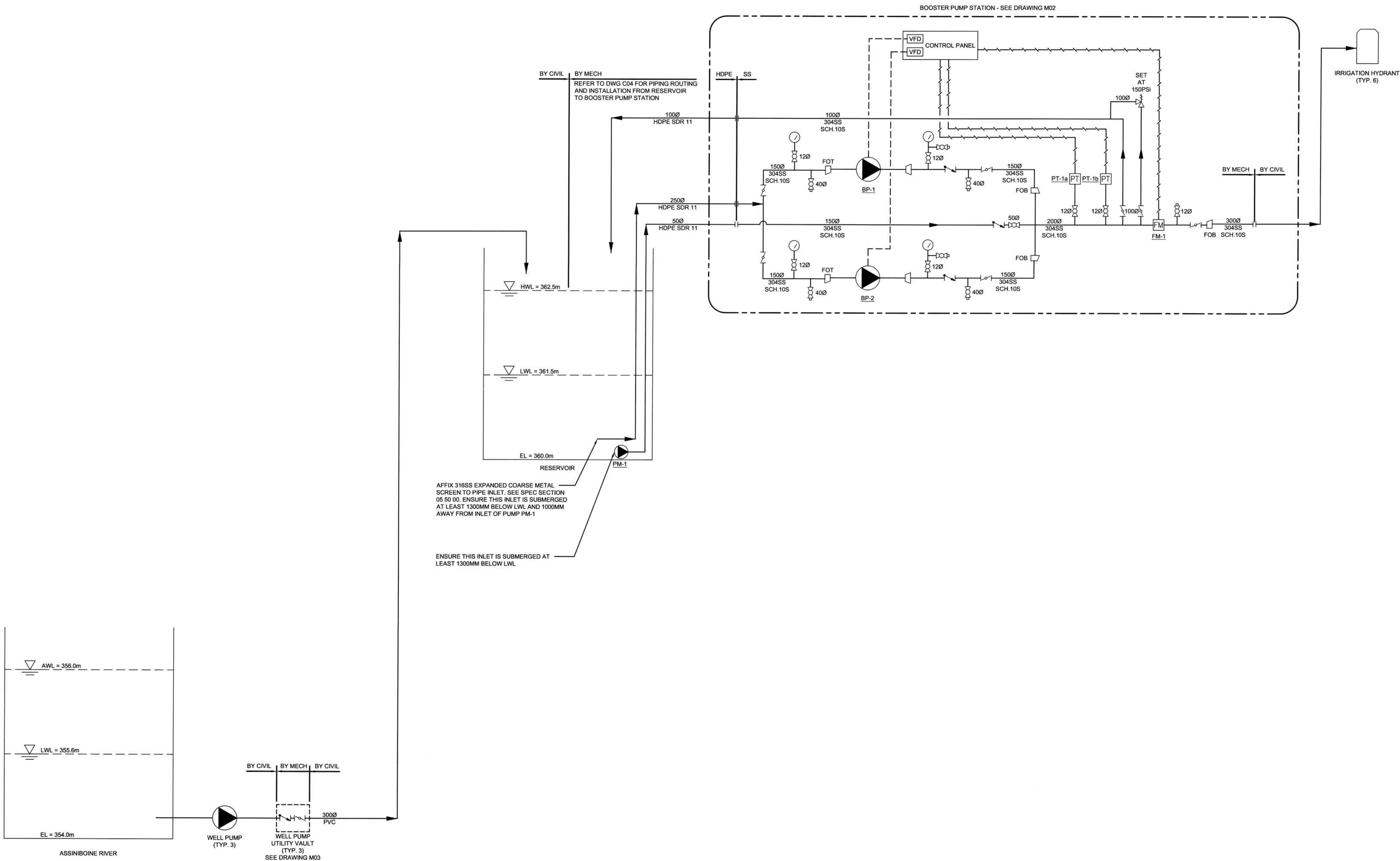
PWGSC Project Manager  
**RK**

Drawing title  
**MECHANICAL  
SCHEMATIC**

Project no./No. du projet  
**R.077363.002**

Drawing no./No. du dessin  
**M01**

Revision no.  
**0**



AFFIX 316SS EXPANDED COARSE METAL  
SCREEN TO PIPE INLET. SEE SPEC SECTION  
05 50 00. ENSURE THIS INLET IS SUBMERGED  
AT LEAST 1300MM BELOW LWL AND 1000MM  
AWAY FROM INLET OF PUMP PM-1

ENSURE THIS INLET IS SUBMERGED AT  
LEAST 1300MM BELOW LWL