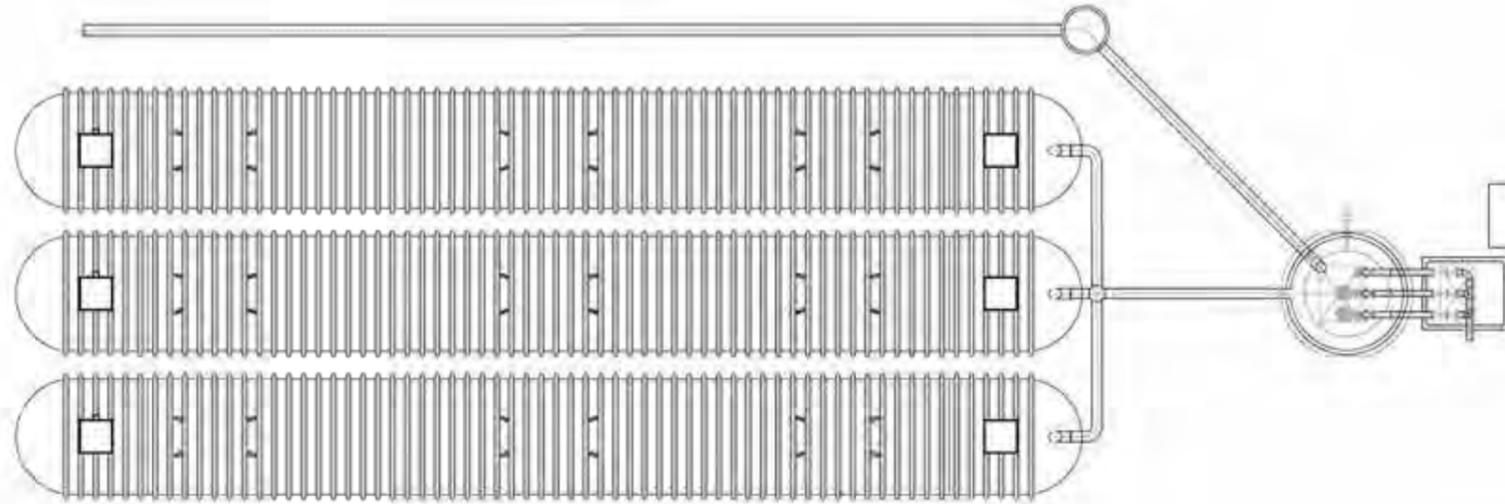


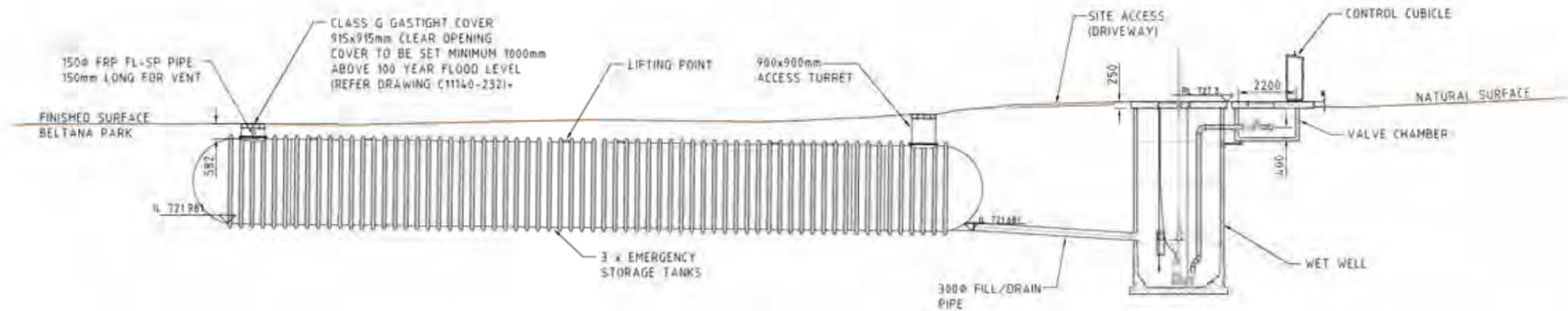
## Appendix D Sewer Pumping Station 1

1. Sewer Pump Station, General Arrangement – C11140 – 230+
2. Sewer Pump Station, Layout – C11140 – 231+
3. Typical Cross Section – C11140 – 232+
4. Sewer Pump Station, Typical Details – C11140 – 233+
5. Sewer Pump Station, Surface Finishes – C11140 – 234+





**LAYOUT PLAN**



**SECTION A**  
1:100

**CONCEPT ONLY  
SUBJECT TO  
CONTRACTOR'S DESIGN**

**NOTES:**

1. LEVELS AND DIMENSIONS SUBJECT TO CONFIRMATION DURING DETAILED DESIGN.
2. ALTERNATIVE TANK OPTIONS TO BE CONSIDERED.
3. TANK BEDDING & BACKFILL TO BE STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. BACKFILL TO BE WITHIN 150mm OF FINISHED LEVEL TO ALLOW FOR FUTURE LANDSCAPING.

FILE: W:\1000\1000\Drawings\1000-210- SEW PS DETAILS.dwg 20th-Jul-2012 5:29PM USER: hobbie.sida

| REV | DATE | BY | CHKD | APPD | DESCRIPTION |
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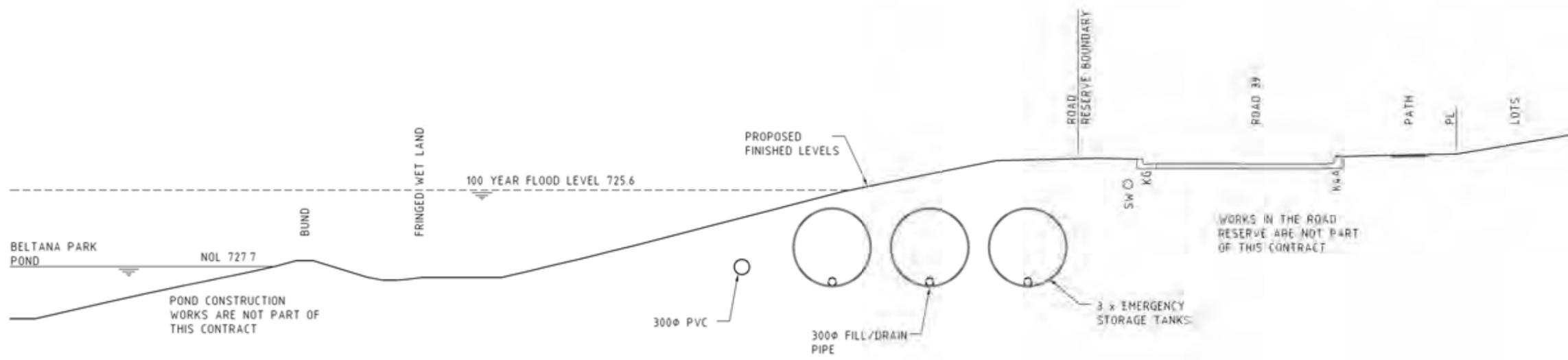
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ALPAC CONSULT AUSTRALIA

GOOGONG INTEGRATED WATER CYCLE

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|               |                           |
|---------------|---------------------------|
| PROJECT TITLE | SEWER PUMP STATION LAYOUT |
| DRAWING NO.   | C11140-231+               |



SECTION B  
1:100

CONCEPT ONLY  
SUBJECT TO  
CONTRACTOR'S DESIGN

FILE: W:\11000\11000\Drawings\11000-210-SEW PS DETAILS.dwg 2010-04-20 5:20PM USER: hobbie.sloane  
 User: hobbie.sloane, Date: 20/07/10, Description: Sew Pump Station 2. Work: Sew Pump Station (change) sheet: 1 of 1

| REV | DATE | BY | CHKD | APPD | DESCRIPTION |
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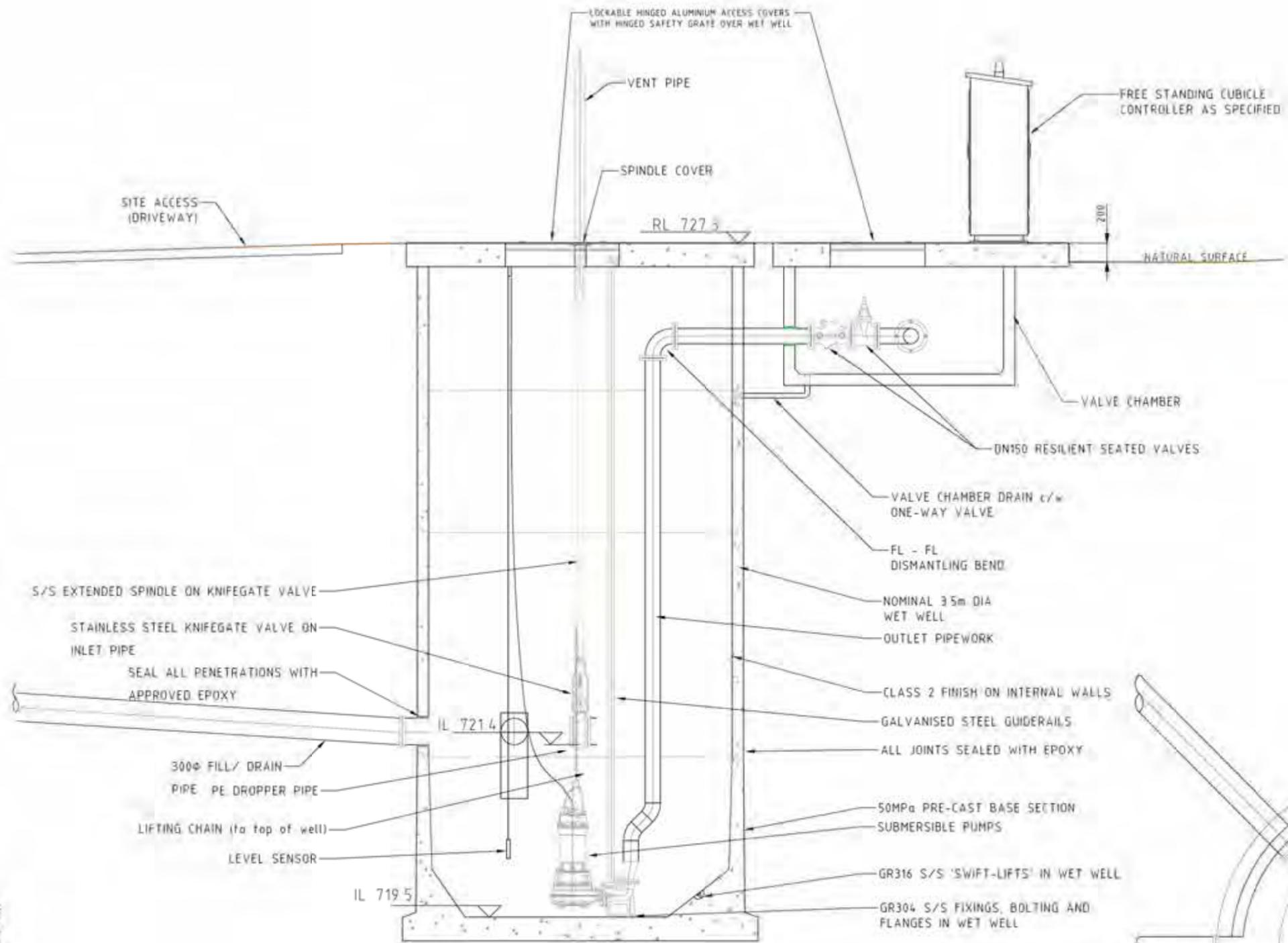
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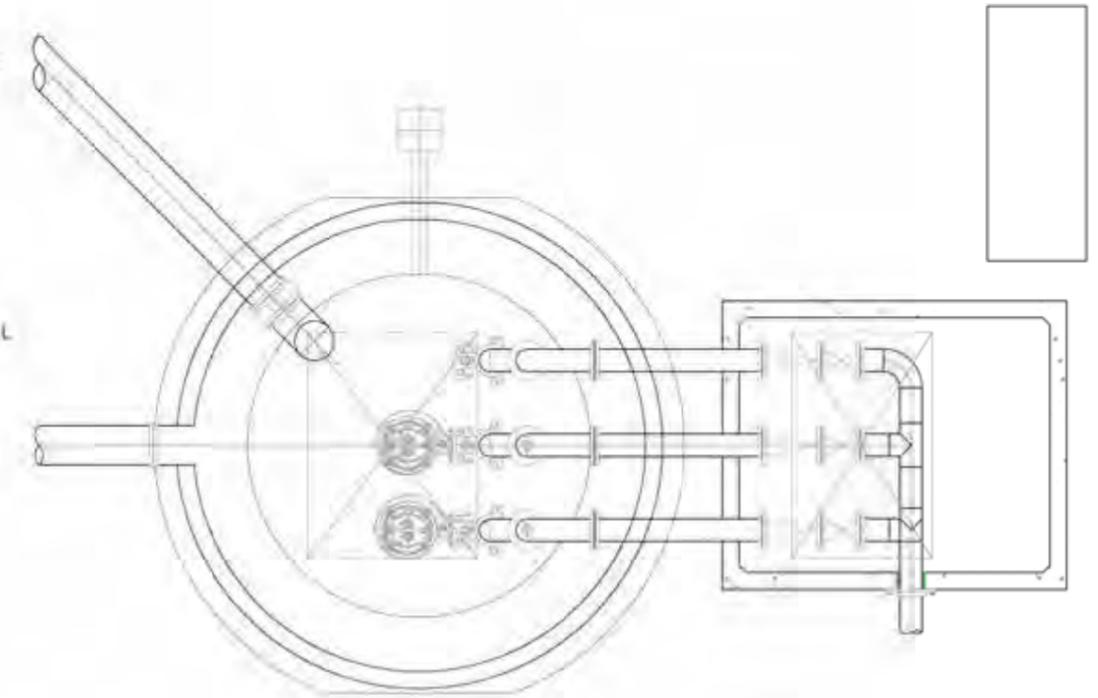
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**WET WELL & VALVE CHAMBER SECTIONAL VIEW (SUBJECT TO DETAIL DESIGN)**

**CONCEPT ONLY SUBJECT TO CONTRACTOR'S DESIGN**

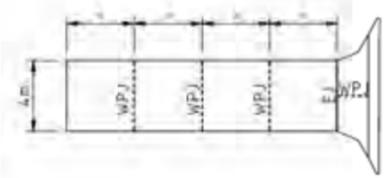


**WET WELL & VALVE CHAMBER SECTIONAL PLAN VIEW**

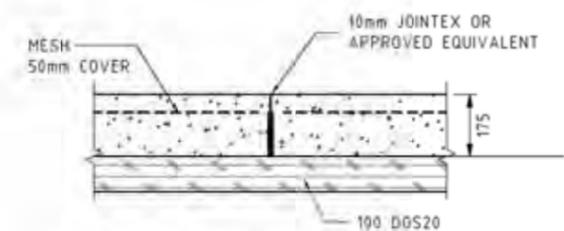
**NOTES:**  
1. LEVELS AND DIMENSIONS SUBJECT TO CONFIRMATION DURING DETAILED DESIGN.

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 PLOTTER: HP DesignJet 500

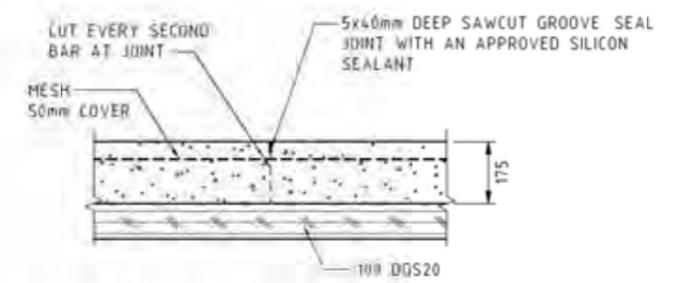
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WPJ WEAKENED PLANE JOINT  
EJ EXPANSION JOINT  
**DRIVEWAY JOINT DETAIL**  
SCALE 1:20



**EXPANSION JOINT TYPICAL DETAIL (EJ)**  
SCALE 1:10



**WEAKENED PLANE JOINT TYPICAL DETAIL (WPJ)**  
SCALE 1:10

**PAVEMENT DETAILS**

- HARDSTAND**  
100mm DGS20 COMPACTED TO 98% MDD  
SUBGRADE COMPACTED TO 95% MDD
- CONCRETE DRIVEWAY**  
175mm N32 SLB2 FABRIC  
100mm DGS20 COMPACTED TO 98% MDD  
SUBGRADE COMPACTED TO 95% MDD
- FUTURE LANDSCAPING**  
FINISH 150mm BELOW FINISHED LEVEL

**PUMP STATION LAYOUT  
CONCEPT ONLY  
SUBJECT TO  
CONTRACTOR'S DESIGN**

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