

File: SY110022\_Stage 2 DA Planning Report (Final)

Thursday, 07 February 2013

JBA Planning  
Level 7, 77 Berry Street  
NORTH SYDNEY NSW 2060

**Attn: Oliver Klein**


**Re: Stage 2 DA Planning Report (Final) – Hydraulic Service – Responses to JBA Planning Report  
Prince Of Wales Hospital – Nelune Comprehensive Cancer Centre (NCCC) & Australian Advanced Treatment Centre (AATC)**

The following comments are responses in relation to 'Stage 2 DGR Action and Consultant Table\_31 July 2012' prepared by JBA Planning.

### Hydraulic

- **DGR 11. Infrastructure and Utilities:**
  1. SPP have engaged Billbergia to liaise with Sydney water, a section 73 and NOR for Stage 2 are yet to be obtained;
  2. Sydney Water have confirmed once early works sewer main works are carried out that the authority main will be adequately sized to take all drainage discharges from Stage 2;
  3. Sydney Water have confirmed water main amplification will need to be undertaken along High St if Stage 2 building exceeds 25 metres in total height.
- **DGR - Consultation:**
  1. Billbergia on behalf of SPP Group will continue to liaise with Sydney Water during the Stage 2 design and construction phase.

Regards  
**SPP Group**



**David McKay**  
**Hydraulic Engineer**

**Sydney Office**  
Level 3, 432 Kent Street  
SYDNEY NSW 2000  
Tel: 02 9261 1300  
Fax: 02 9261 1600  
Email: sydney@sppgroup.com.au

#### **Other offices:**

**Adelaide Office**  
Level 1, Tenancy 5A, 257 Sturt Street  
ADELAIDE SA 5000  
P O Box 10325  
ADELAIDE BC SA 5000  
Tel: 08 8212 2589  
Fax: 08 8231 0903  
Email: adelaide@sppgroup.com.au

**Brisbane Office**  
3A/57 Coronation Drive  
BRISBANE QLD 4000  
Tel: 07 3846 3077  
Fax: 07 3844 4665  
Email: brisbane@sppgroup.com.au

**Gold Coast Office**  
4/26 Commercial Drive  
ASHMORE QLD 4214  
Tel: 07 5539 9806  
Email: goldcoast@sppgroup.com.au

**Mackay Office**  
Suite C13, Level 2,  
120 Wood Street, Mackay  
P O Box 8722  
MOUNT PLEASANT QLD 4740  
Tel: 07 4951 4422  
Email: bruddick@sppgroup.com.au

**Melbourne Office**  
223 Moray Street  
SOUTH MELBOURNE VIC 3205  
Tel: 03 9682 7499  
Fax: 03 9682 3499  
Email: melbourne@sppgroup.com.au

**Perth Office**  
Suite 16, 100 Hay Street  
SUBIACO WA 6008  
Tel: 08 9322 9514  
Fax: 08 9486 7428  
Email: perth@sppgroup.com.au

**Sunshine Coast Office**  
P O Box 331  
CALOUNDRA QLD 4551  
Tel: 07 5341 8955  
Email: sunshinecoast@sppgroup.com.au

**Webpage:** [www.sppgroup.com.au](http://www.sppgroup.com.au)

**Directors:**  
Darren Campbell  
Steve Campbell  
Tony Samorowski  
Troy Kassulke

**Principals:**  
Phil Lucas



NOTES :-

11. VENT SHAFT TO BE CONSTRUCTED AS PER STANDARD DRAWING EPS 70/08 WALL, THE VENTSHAFTS TOTAL LENGTH OF VENT LINE AND SHAFT NOT TO EXCEED 25m.
  12. OUTLET OF VENTSHAFT TO BE LOCATED A MINIMUM OF 5m HORIZONTALLY FROM ANY OPENING IN ANY BUILDING OR FROM ANY AIR INTAKE DUCT AND 2m VERTICALLY ABOVE ROOF LINE.
  13. M.H. WITH VENT LINE TO BE CONSTRUCTED AS PER STANDARD DRAWING SEM-1451-S AND DTC DED 14/02/25 P.V.C. PIPE TO BE USED FOR VENT LINE. DN225 304 STAINLESS STEEL THICK 1.2mm WALL THICKNESS TO BE USED FOR VENT SHAFT. SHAFT TO BE COATED AND PAINTED TO COLOR AS SPEC BY THE HERITAGE ARCHITECT.
- ENVIRONMENTAL NOTES :-
- E1. AREAS DOWNSLOPE OF CONSTRUCTION ACTIVITY ARE TO BE ADEQUATELY PROTECTED FROM SEDIMENT, POLLUTION ETC. SILT TRAP DEVICES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY AND TO BE REMOVED ONLY AFTER THE AREA HAS BEEN SATISFACTORILY REVEGETATED
  - E2. ALL STORMWATER GRATES DOWNSLOPE OF CONSTRUCTION ACTIVITY TO BE ADEQUATELY PROTECTED BY STRAWMATS WRAPPED IN GEOTEXTILE FABRIC.
  - E3. ALL OPEN STORMWATER CHANNELS AND OPEN DRAINAGE LINES DOWNSLOPE OF CONSTRUCTION ACTIVITY TO BE ADEQUATELY PROTECTED BY STRAWMATS OR GEOTEXTILE FENCE
  - E4. THE EXTENT OF CLEARING OF VEGETATION IS TO BE KEPT TO AN ABSOLUTE MINIMUM NECESSARY TO EFFECT THE WORKS

1 OF 1 SHEETS