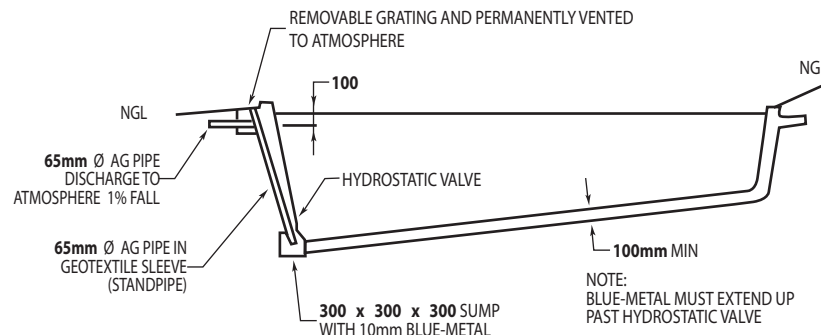
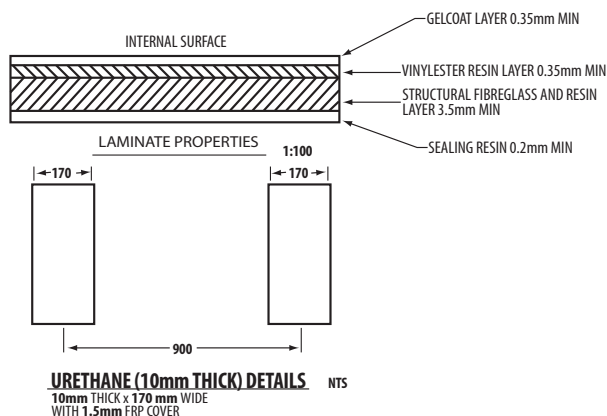
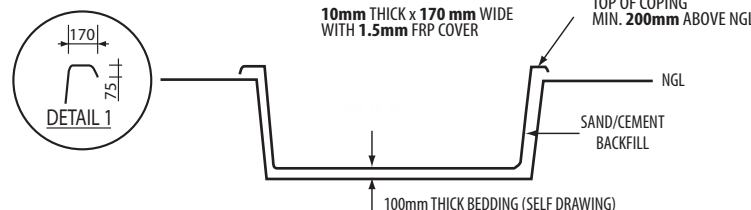


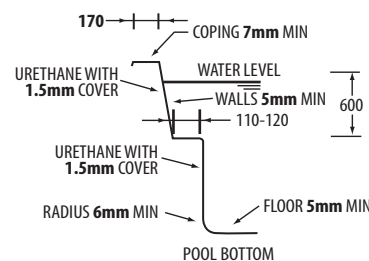
LENGTH	WIDTH	DEPTH	DEPTH	MAX BASE LENGTH	BASE WIDTH DEEP END	BASE WIDTH SHALLOW END
6 METRE	3200	1300	1895	4700	2150	2200
6 METRE	2000	1300	1895	4700	950	1000
6 METRE	2500	1300	1895	4700	1450	1500
5 METRE	2500	1300	1780	3700	1500	1550
4 METRE	2500	1300	1640	2700	1500	1550



TYPICAL LONGITUDINAL SECTION - LEVEL SITE 1:100



TYPICAL CROSS SECTION



EDGE DETAIL AND STRUCTURAL

NOTES

1. GENERAL

DESIGN AND INSTALLATION TO BE IN STRICT ACCORDANCE WITH CURRENT AS 1838 AND AS 1839 REQUIREMENTS AND ALL RELEVANT STATUTORY BY LAWS AND REGULATIONS

2. INSTALLATION

FOUNDATION - ALL FOUNDATION MATERIAL SHALL BE NATURAL UNDISTURBED SOIL OR ROCK OF THE SAME TYPE THROUGHOUT. NO FILL IS PERMITTED UNLESS ITS COMPACTION HAS BEEN TESTED AND APPROVED BY A GEOTECHNICAL ENGINEER. THE REQUIRED MINIMUM SAFE BEARING CAPACITY OF THE FOUNDATION MATERIAL SHALL BE 100 KPA. THIS POOL IS SUITABLE FOR INSTALLATION IN HIGHLY REACTIVE SOILS PROVIDED THAT.

- (i) THE SAND/CEMENT BACKFILL MUST BE ATLEAST 150MM THICK AND SHALL CONSIST OF 1 CEMENT TO 8 SAND BY VOLUME.
- (ii) IF USED, THE CONCRETE CONCOURSE SHALL CONTAIN SL72 MESH PLUS 4-L12TM BARS CONTINUOUS AROUND THE WHOLE POOL.
- (iii) THE SURROUNDING AREA SHALL BE WELL DRAINED TO PREVENT STORM WATER RUNOFF FLOWING NEAR THE POOL. WHEREVER POSSIBLE THE AREA AROUND THE POOL SHALL BE PAVED UP TO ATLEAST 2 M FROM THE EDGES OF THE POOL. UNSTABLE SITES REQUIRE CERTIFICATION BY A STRUCTURAL ENGINEER.

BEDDING MATERIAL - SHALL BE NON-COHESIVE, POROUS MATERIAL READILY SCREEDABLE WITH 12MM MAXIMUM AGGREGATE SIZE. COARSE RIVER SAND IS SUITABLE.

BACKFILL MATERIAL - SHALL BE SAND/CEMENT MIXTURE OF MINIMUM RATIO 1:16 BY VOLUME FOR PREMIXED AND 1:10 BY VOLUME BY DRY MIXED MACHINE ON SITE. THE BACKFILL AFTER INSTALLATION SHALL BE STABLE TO PREVENT ANY WASH AWAY OF THE BACKFILL OCCURRING. POOL WALLS MAY NEED TO BE CROSS BRACED DURING INSTALLATION AND INITIAL SETTLING OF THE BACKFILL AND CONCRETE CONCOURSE.

3. EMPTYING

THIS POOL MUST NOT BE EMPTIED WITHOUT THE EXPRESS APPROVAL OF MIAMI POOLS OR AGENT. ON SOME SAND SITES, SUBJECT TO SPECIFIC ENGINEERS APPROVAL, HYDROSTATIC RELIEF VALVES MAY BE OMITTED IF DESIRED.

RANGE: **MIAMI POOLS**

MODEL: **REBECCA**

CLIENT NAME:

ADDRESS:

SCALE	As Shown
DATE	APRIL 2006
DESIGNED	TRS
DRAWN	TML
DWG No.	06-2774-S029

MIAMI POOLS MANUFACTURING PTY LTD
CORNER ANNE AND POWER STREETS
ST MARYS NSW 2760
TELEPHONE: (02) 9623 0922
FACSIMILE: (02) 9833 3422
www.miamipools.com.au



SGP CONSULTING ENGINEERS PTY. LTD.

ABN 73 013 147 278 Registered Building Practitioners EC - 39557
436 Hargreaves Street, Bendigo, Victoria 3550
Phone: 03 5444 1633 Fax: 03 5444 1866
Email: admin@sgpce.com.au

SIGNATURE:

[Signature]