

ABBREVIATIONS

DP DOWNSPE  
EX EXISTING  
FLL FINISHED FLOOR LEVEL  
GTD GRADED TRENCH DRAIN  
IL INVERT LEVEL  
O/F OVERFLOW  
RL REDUCED LEVEL  
SSD SUBSOL. DRAINAGE  
SW STORMWATER  
SWP STORMWATER PIT

LEGEND

Proposed Stormwater Pipe  
Existing Stormwater Pipe  
Proposed Stormwater Pit  
Existing Stormwater Pit

SITE STATISTICS AND DESIGN STATEMENT

Refer to stormwater management report number x12317-01 dated august 2012 by Brown Consulting.

STORMWATER DRAINAGE NOTES

1. Stormwater design criteria – Refer to approved Sub-division design plans by Brown Consulting.
2. Stormwater Pipes generally shall be sewer grade uPVC with solvent welded joints.
3. Subsoil pipes shall be as for stormwater pipes except that they shall be slopped with 3 rows of h/t/mss slots spaced equidistant around the perimeter and for their full length.
4. Precast pits may be used external to buildings subject to approval by the Engineer.
5. All drainage manholes and junctions to be manufactured, fitted and installed in accordance with AS 3725.
6. Where subsoil drains pass under floor slabs and vehicular pavements, uncoated uPVC sewer grade pipe is to be used.
7. Grates and covers shall conform with AS 3996-1992.
8. Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
9. Care is to be taken with levels of stormwater lines. Minimum grade of pipes shall be 1:102 U.N.O.
10. All stormwater pipes to be 100 dia at 110% min fall U.N.O.
11. Adopt invert levels for pipe grades (grades shown are only nominal).
12. Downpipes to be equivalent to 100 DIA U.N.O.

GENERAL NOTES

1. Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies are to be reported to the Engineer.
2. Strip all topsoil from the construction area. All stripped topsoil shall be disposed of off-site unless directed otherwise.
3. Make smooth connection with all existing works.
4. Compact subgrade under buildings and pavements to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1. Compaction under buildings to extend 2m minimum beyond building footprint.

SITEWORKS NOTES

1. All basecourse material to comply with RTA Specification No 3051 and compacted to minimum 98% modified maximum dry in accordance with AS 1289 5.2.1.
2. All trench backfill material shall be compacted to the same density as the adjacent material.
3. All service trenches under vehicular pavements shall be backfilled with an approved select material and compacted to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1.

DA SUBMISSION

Scale	Drawn	Date
1:100	JWL/H	AUG 2012
Sheet	Checked	
A1	DB	
Project No.	Drawing	Revision
2887	HSW-01	P1



DRAWING TITLE

HYDRAULIC SERVICES  
STORMWATER CONCEPT  
ULTIMATE STRATEGY

PROJECT:

ORAN PARK ANGLICAN COLLEGE  
PROPOSED STAGED DEVELOPMENT

CLIENT:

STONEY ANGLICAN SCHOOLS CORPORATION  
PO BOX 465 HUNTSVILLE B.C. 1461

ARCHITECT:

BUTLER & CO ARCHITECTS PTY LTD  
ARCHITECTS & INTERIORS DESIGNERS  
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Building Environmental Services

Revision	Description	Date
P1	PRELIMINARY ISSUE	11/08/12

0 10 20 30 40 50 100mm

100mm ON ORIGINAL SHEET