

PIT NAME		PIT TYPE	GRATE CLASS/TYPE	EASTING	NORTHING	PIT SCHEDULE			INLET		OUTLET		PIT		REMARKS
						WD	LEN	LEV	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
A1		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318414.605	6245490.955	0.9	0.9		450	22.22	EX 600	EX 22.2	23.883	1.683	RECONSTRUCT EXISTING JUNCTION PIT IF REQUIRED
A2		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318418.884	6245499.871	0.9	0.9		375	22.91	450	22.35	23.891	1.541	CONNECT GRATED DRAIN & EX 300 DIA PIPE. INSTALL ENVIROPOD
A2 (FROM B1)		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318418.884	6245499.871	0.9	0.9		300	22.94	450	22.35	23.891	1.541	CONNECT GRATED DRAIN & EX 300 DIA PIPE. INSTALL ENVIROPOD
A3		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.973	6245509.604	0.9	0.9		300	23.021	375	23.001	24.003	1.002	CONNECT GRATED DRAIN
A3 (FROM C1a)		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.973	6245509.604	0.9	0.9		300	23	375	23.001	24.003	1.002	CONNECT GRATED DRAIN
A3 (FROM C1b)		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318420.491	6245509.503	0.9	0.9		225	23.02	375	23.001	24.003	1.002	CONNECT GRATED DRAIN
A4		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318423.989	6245523.658	0.9	0.9		300	23.238	300	23.205	24.166	0.96	CONNECT GRATED DRAIN
A5		JUNCTION	CLASS D CAST IRON COVER WITH PAVEMENT INFILL	318427.005	6245537.711	0.9	0.9		150	23.611	300	23.45	24.392	0.942	CONNECT GRATED DRAIN
A6	PIPE CONNECTION TO GRATED DRAIN		N/A	318426.52	6245550.075						150	23.8	24.814	1.014	CONNECT GRATED DRAIN
B1	SURFACE INLET (SAG)		CLASS D GALVANISED MILD STEEL GRATE HINGED TO FRAME	318426.713	6245498.705	0.9	0.9				300	23.01	23.875	0.865	RECONSTRUCT EXISTING GRATED INLET PIT IF REQUIRED
C1a	PIPE CONNECTION FROM OSD		N/A	318412.756	6245511.53				300	30.66	300	23.042	30.66	7.618	REFER TO SHEET C00-50 FOR OSD DETAILS
C1b	PIPE CONNECTION FROM OSD		N/A	318413.25	6245511.466				225	32.935	225	23.08	32.935	9.855	REFER TO SHEET C00-50 FOR OSD DETAILS

- NOTES
- GRATE SIZE DOES NOT NECESSARILY REFLECT PIT SIZE, AND SHOULD BE READ IN CONJUNCTION WITH THE PIT TYPE DETAILS
  - FINAL INTERNAL PIT DIMENSIONS ARE TO COMPLY WITH AS 3500.
  - ALL PITS TO BE LOCKABLE AND FRAME TO BE BOLTED TO PIT.
  - ALL CAST IRON LIDS TO BE BOLTED TO PIT WITH M12 4.6/S BOLTS.
  - STORMWATER TRENCHES SHALL BE FREE OF ALL ORGANIC MATTER. WHERE VEGETATION ROOTS ARE PENETRATING INTO THE STORMWATER TRENCH, TREEMAX ROOTWALL (OR APPROVED EQUIVALENT) SHALL BE INSTALLED ON THE TRENCH WALL IN ACCORDANCE WITH THE FOLLOWING:
    - INSTALL ROOT BARRIER TO A DEPTH OF 150mm BELOW THE BOTTOM OF THE PIPE AND ALL THE WAY TO THE SURFACE LEVELS
    - INSTALL ROOT BARRIER TO THE DEPTH OF THE SOIL AND ROOT ZONES OF THE ADJACENT EXISTING AND PROPOSED (IF ANY) TREES. SEEK ARBORIST ADVICE FOR THESE REQUIRED ROOT AND SOIL DEPTHS
    - INSTALL IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION
  - FOR STORMWATER TRENCHING OR ADJACENT TO EXISTING AND RETAINED TREES, REFER TO ARBORIST REPORT AND THE SEEK ARBORIST ADVICE.
  - ALL GRATES TO BE STAINLESS 5 STAR HEELSAFE ANTI-SLIP GRATES
  - PAVEMENT INFILL TYPE TO MATCH SURROUNDING FINISHES OR AS PER LANDSCAPE ARCHITECTS SPECIFICATIONS

NOT FOR CONSTRUCTION

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REV. DETAILS  
01 ISSUED FOR 70% DD  
02 ISSUED FOR 70% DD

DATE

09/10/20

14/10/20

CLIENT



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GENERAL NOTES

THE CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK OR MAKING OF ANY SHOP DRAWINGS. FIGURED DIMENSIONS MUST BE USED IN PREFERENCE TO SCALED DIMENSIONS. ALL SCALED DIMENSIONS MUST BE VERIFIED ON SITE. THIS DRAWING IS COPYRIGHT AND REMAINS THE PROPERTY OF THE ARCHITECT.



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PROJECT  
**NEW WESTERN SYDNEY UNIVERISTY  
BANKSTOWN CITY CAMPUS**  
74 RICKARD ROAD ALONG WITH A PORTION  
OF 375 CHAPEL ROAD

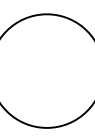
DRAWING TITLE  
**STORMWATER DRAINAGE  
LONGITUDINAL SECTIONS  
SHEET 1**

70% DESIGN DEVELOPMENT

JOB No. 1097901C  
DRAWN JF  
CHECKED -

DRAWING No.  
**C00-45**

NORTH



SCALE  
**1:100 @ A1**

DATE -

REVISION

**02**