APPROXIMATE AREAS

WAREHOUSE ROOF	5500 sqm
OFFICE ROOF	3500 sqm
HARDSTAND	6200 sqm
PARKING	12000 sqm
DRIVEWAYS	5000 sqm
LANDSCAPED AREA	11800 sqm

LEGEND

EXISTING CONTOURS — 55

PROPOSED SPOT LEVELS — 56.85

ROOF STORMWATER COLLECTION

PAVEMENT STORMWATER COLLECTION

OVERLAND FLOW PATH — OLFP

EXISTING STORMWATER SERVICES TO BE RETAINED IN THIS AREA

INLET TUNNEL

OUTLET TUNNEL

OVERFLOW PIPE

CITY TUNNEL

ALLOW FOR 600 HIGH RETAINING WALL

ALLOW FOR PERMEABLE PAVING & SUBSOIL DRAINAGE TO STORMWATER AS OUTLINED ALSO BY THE LANDSCAPE ARCHITECT SUBSOIL WATER MUST BE COLLECTED & IN ENTIRETY RETURNED TO SUBSOIL DRAINAGE FOR DISPOSAL

BOUNDARY

HARD STAND AREA

SKIPS

NOTE NEW CONNECTION EXISTING TO NEW SERVICE

CAR PARKING

OLFP

TRUCK WASH

NEW PIT

FUTURE WAREHOUSE EXTENSION
FFL 57.0

TRUCK PARKING

EXISTING STORMWATER SERVICETO BE DISCONNECTED

EXISTING SHED TO BE DEMOLISHED

OFFICE
FFL 56.2

ROOF STORMWATER TANKS 350m³

STORMWATER PIPE

ROOF STORMWATER PIPE

STORMWATER PIT

WAREHOUSE
FFL 57.0

EXISTING STORMWATER SERVICE TO BE DISCONNECTED

EXISTING SHEDS

OVERFLOW

PROPOSED ACCESS ROAD

ROOF STORMWATER TANK 200m³

OSD TANK REFER NOTE

OFFICE
FFL 55.60

GPT

EXISTING KENNELS

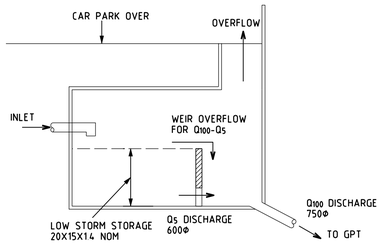
RETAINING WALL

SAND FILTRATION BED FOR LOW FLOW STORM EVENTS

SEALED PIT

TRUCK ENTRY

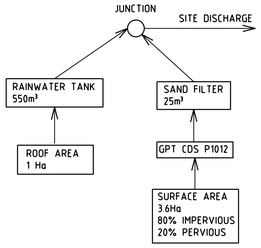
TO EXISTING STORMWATER PIT AND EXISTING MAIN 1050 DIA AND OVERFLOW INTO EXISTING SWALE



DETENTION TANK
CROSS SECTION SCHEMATIC
NOT TO SCALE

NOTE: PRELIMINARY CALCULATIONS INDICATE A AN OSD TANK SIZED BETWEEN 700m³ -1500m³ ACTUAL CAPACITY SHALL BE CONFIRMED AT FINAL DESIGN.

WATER QUALITY FLOW CHART



TREATMENT TRAIN EFFECTIVENESS					
	FLOW (ML/yr)	TSS (kg/yr)	TP (kg/yr)	TN (kg/yr)	GROSS POLLUTANTS (kg/yr)
SOURCES	24.4	5.05E3	10.3	69.9	713
RESIDUAL LOAD	15.2	1.01E3	4.38	37.4	0.00
% REDUCTION	37.4	80.1	57.3	46.5	100.0

BY	CHKD	DESCRIPTION	DATE	REV
HL	JT	ISSUE FOR DA	27.06.08	B
AZ	JT	FOR INFORMATION	20.06.08	A

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SYDNEY WATER CORPORATION
POTTS HILL

PRELIMINARY STORMWATER MANAGEMENT PLAN

DESIGN JT	DRAWN AZ	PROJECT No. 4972
CHKD		
APPRD		DRAWING No. C02 / REV B
SCALE 1:500	DATE JUNE 08	