

A1

—PROPOSED SYDNEY WATER SEWER
CONNECTION (SYDNEY WATER
DOES NOT HAVE A SPLIT GRAY /
BLACKWATER SYSTEM IN THIS
AREA

—RELOCATED EASEMENT FOR
FUTURE SYDNEY WATER PIPELINE

—STORMWATER REUSE POND

—STORMWATER TREATMENT
WETLAND

NOTES

BUILDINGS WITH PERMANENT ROOFS WILL HAVE RAIN
WATER TANKS UNDER THEIR FLOOR SLABS TO ALLOW FOR
STORAGE OF RAINWATER FOR TOILET FLUSHING AND
EXTERNAL WASH DOWN

REUSE WATER WILL BE TREATED BY UV STERILIZATION
PRIOR TO REUSE

THE PIPED STORMWATER SYSTEM WILL BE CAPABLE OF
TAKING FLOWS UP TO AND INCLUDING THE 20 YEAR ARI.
THE DIRECTION OF FLOW IN THE PIPED SYSTEM WILL
GENERALLY FOLLOW THE OVERLAND FLOW ARROWS

FLOWS IN EXCESS OF THE 20 YEAR ARI WILL TRAVEL
 OVERLAND AS SHOWN ON THE PLAN. FLOWS WILL
 REMAIN UNDER A VELOCITY DEPTH PRODUCT OF 0.4

VEGETATED SWALES IN THE CAR PARKS WILL CARRY OUT THE PRIMARY TREATMENT OF CAR PARK RUNOFF, GPTS WILL BE PRIMARY TREATMENT FOR ALL OTHER PARK RUNOFF. THE WATER TREATMENT WETLAND WILL BE THE SECONDARY TREATMENT.


—SEWER HOLDING TANK TO
RESTRICT PEAK FLOWS TO THE
SYDNEY WATER SEWER

—PROPOSED OVERLAND FLOW
ROUTES

—PROPOSED CONNECTION TO
THE SYDNEY WATER
POTABLE SUPPLY

[illegible]

SCALE	DRAWN R C J	DESIGN R C J
N.T.S	APPROVED	DATE NOVEBER 201

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PROJECT

WET 'N' WILD - SYDNEY

TITLE	SITE OVERVIEW
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SITE OVERVIEW

FLOW PATHS & DRAINAGE

DRAWING NUMBER	ISSUE

X10212-001

GRASSED SWALE / CUT OFF CHANNEL TO DIRECT
GREATER THAN 20 YEAR ARI FLOWS AROUND RIDES
ETC AND TO THE RETENTION AREA

OVERFLOW

MAIN WALKWAY TO OPERATE AS
THE MAIN FLOW PATH TAKING FLOWS
GREATER THAN 20 YEAR ART AROUND
THE WAVE POOL

GPTS TO BE PLACED ON THE
OUTLETS TO THE WETLAND

THE AREA BELOW THE MAIN CIRCULATION PATH AND THE WAVE POOL WILL REQUIRE A PIPED SYSTEM CAPABLE OF TAKING THE 100 YEAR ARI FLOW

MAIN WALKWAY TO OPERATE AS
THE MAIN FLOW PATH TAKING FLOWS
GREATER THAN 20 YEAR ARI AROUND
THE WAVE POOL

THE AREA TRAPPED BY THE RIVER RIDE
WILL REQUIRE A PIPED SYSTEM CAPABLE
OF TAKING THE 100 YEAR ARI FLOW

GRASSED SWALE / CUT OFF
CHANNEL TO DIRECT ALL FLOWS
FROM GRASSED AREAS TO INLET PITS

SWALES IN THE CARPARK AISLE
WITH INLETS AT THE LOW ENDS

GRASSED SWALE / CUT OFF CHANNEL TO DIRECT ALL FLOWS FROM GRASSED AREAS TO INLET PITS

EXISTING TREE
REMAIN

FUTURE
EXPANSION
AREA

~~EXISTING
TREES TO
REMAIN~~