

LEGEND

- Sw — PROPOSED STORMWATER
- - - CATCHMENT BOUNDARIES
- A NODE NUMBER (REFER TO TABLE)
- ← LINED SWALE FOR FLOW CONVEYANCE
- 575.0 — EXISTING CONTOURS @ 1m INTERVALS
- EXISTING DAM
- | | STORMWATER CULVERT PIPE AND HEADWALL
- ← CUTOFF DRAIN FOR CSG SITE RUNOFF
- ← OVERLAND FLOW PATH

NOTES

1. CONSTRUCT ROCK RIP RAP AT CULVERT OUTLETS TO REDUCE VELOCITY AND SPREAD CONCENTRATED FLOWS

STORMWATER CALCULATION

NODE NUMBER	CATCHMENT AREA (Ha)	FLOW 20% AEP (m ³ /s)	FLOW 1% AEP (m ³ /s)	PIPE DIA. (mm)
A	0.6	0.05	0.11	375
B	1.5	0.13	0.26	375
C	1.82	0.16	0.31	450
D	1.93	0.14	0.26	450
E	2.85	0.20	0.38	450
F	2.78	0.20	0.38	450
G	2.6	0.18	0.34	450
H	3.5	0.25	0.48	525
I	3.7	0.33	0.65	525
J	2.1	0.18	0.35	450
K	2.56	0.22	0.44	525

DIVERT CLEAN UPSTREAM RUNOFF AROUND CSG SITE VIA LINED CUTOFF DRAINS

RUN OFF FROM CSG SITE TO BE DIVERTED INTO SEDIMENT POND

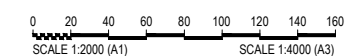
DIVERT UPSTREAM CLEAN RUNOFF AROUND THE CSG SITE VIA LINED CUTOFF DRAINS. DIVERT CLEAN RUNOFF AROUND SEDIMENT POND AND DISCHARGE AT CONTROLLED OUTLET AT SITE BOUNDARY

WATER QUALITY POND FOR SITE RUNOFF

Plot Date: 8-Apr-22, 9:57 AM File: H:\2121-00047516_Model\Civil\3D\21-000475-D060.dwg User:Byju Mathew

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPROVED	DATE
ARM	SM	CR	CR		
					08/04/2022

AMENDMENT DETAILS	
NO.	DESCRIPTION



CANBERRA SAND AND GRAVEL, BLOCK 1582 BELCONNEN

DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE.

STORMWATER AND WSUD MASTER PLAN

21-000475 D060