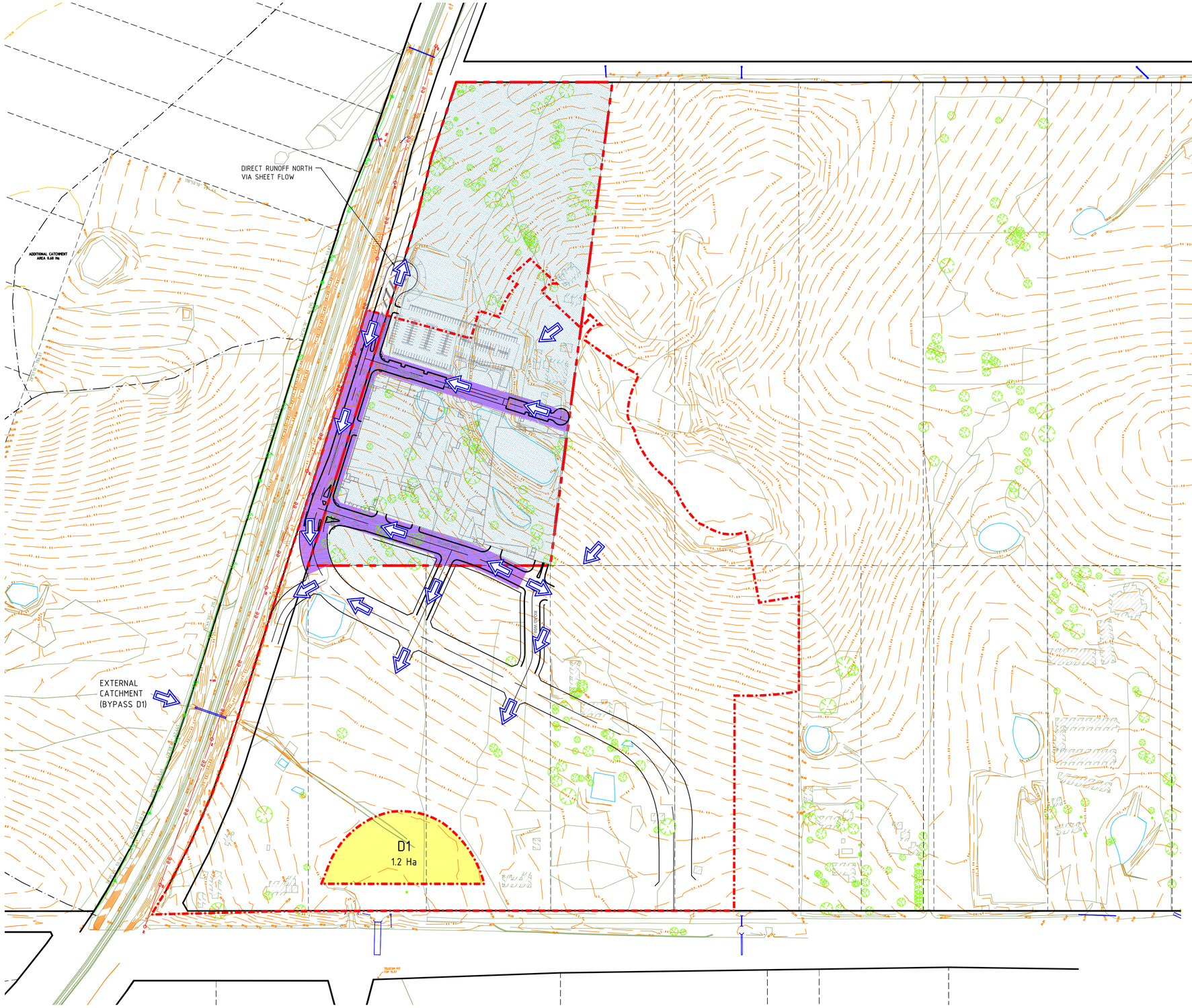

INTEGRATED WATER MANAGEMENT STRATEGY

1. DETENTION
   - South-Western Catchment to be managed at Regional Basin D1 (confirm basin size with Landcom/Wyong Shire Council/Woolworths).
   - To manage flows from private and public domain areas.
   - Basin to be handed over to Wyong Shire Council.
   - Northern Catchment – to be confirmed.

2. WATER QUALITY

A) Woolworths Private Domain
- Managed 'at source'
- Consider water harvesting by retention tanks and GPT'S in each site and On site recycling of H_20 (Harvesting to remove nutrients).

B) Public Domain In Woolworths Site (Public Roads)

1) South-Western Catchment
- Rain gardens in East-West streets and others if grade is okay.
- Integrated management in 'bioretention' basin at D1.
- Landcom/Wyong Shire Council/Woolworths to have wholistic approach.

D1 Community detention/bioretention

Catchment Boundary (determined by road grading)

Flow direction

PRELIMINARY - NOT FOR CONSTRUCTION

Rev	Amendment / Reason For Issue	Date	Drawing Completed by	Designed & Checked by	Verified by X = Not verified	Issue Authorised (*)
A	ISSUE FOR INFORMATION FOR UPDATED INFRASTRUCTURE ASSESSMENT REPORT	12.10.12	IS/MMc	MMc/PMcB	X	PMcB

Copyright
This drawing remains the property of Mott MacDonald Pty. Ltd. It may only be used for the purpose for which it was commissioned & in accordance with the terms of engagement for that commission. Mott MacDonald denies any liability or responsibility for loss or damage caused by the inappropriate use of this drawing.

* Drawing Status Warning: Unless there is an authorised Mott MacDonald signature at *, this drawing is not authorised for issue.

This Drawing may have been prepared using COLOUR, and may be incomplete if copied to BLACK & WHITE

50 0 50 100
Plan Scale 1:2000 @ A1

North

Mott MacDonald
Level 2, 60 Pacific Highway
St Leonards, NSW 2065
Australia
PO Box 151, St Leonards
NSW 1590, Australia
T +61 (0)2 9439 2633
F +61 (0)2 9439 4505
W www.mottmac.com.au

Project: WOOLWORTHS WARNERVALE UPDATED INFRASTRUCTURE ASSESSMENT PLANS
Client: WOOLWORTHS
Architect/Project Manager:

Drawing Title: STORMWATER MANAGEMENT PHILOSOPHY
Drawing No.: 10S183C -MPEA110
Sheet: 10 Of 14
Rev: A

300mm A1 SHEET
200mm
100mm
0

Date: 12.10.12 Time: 12:24pm Plotted By: mc25964 Filename: \\AUSTLEO01\Projects\St Leonards\Projects\10S\10s183c\CADD\Civil\ACAD_Current\MPEA REPORT 120823\10s183c-MPEA10-Stormwater Management Philosophy.dwg