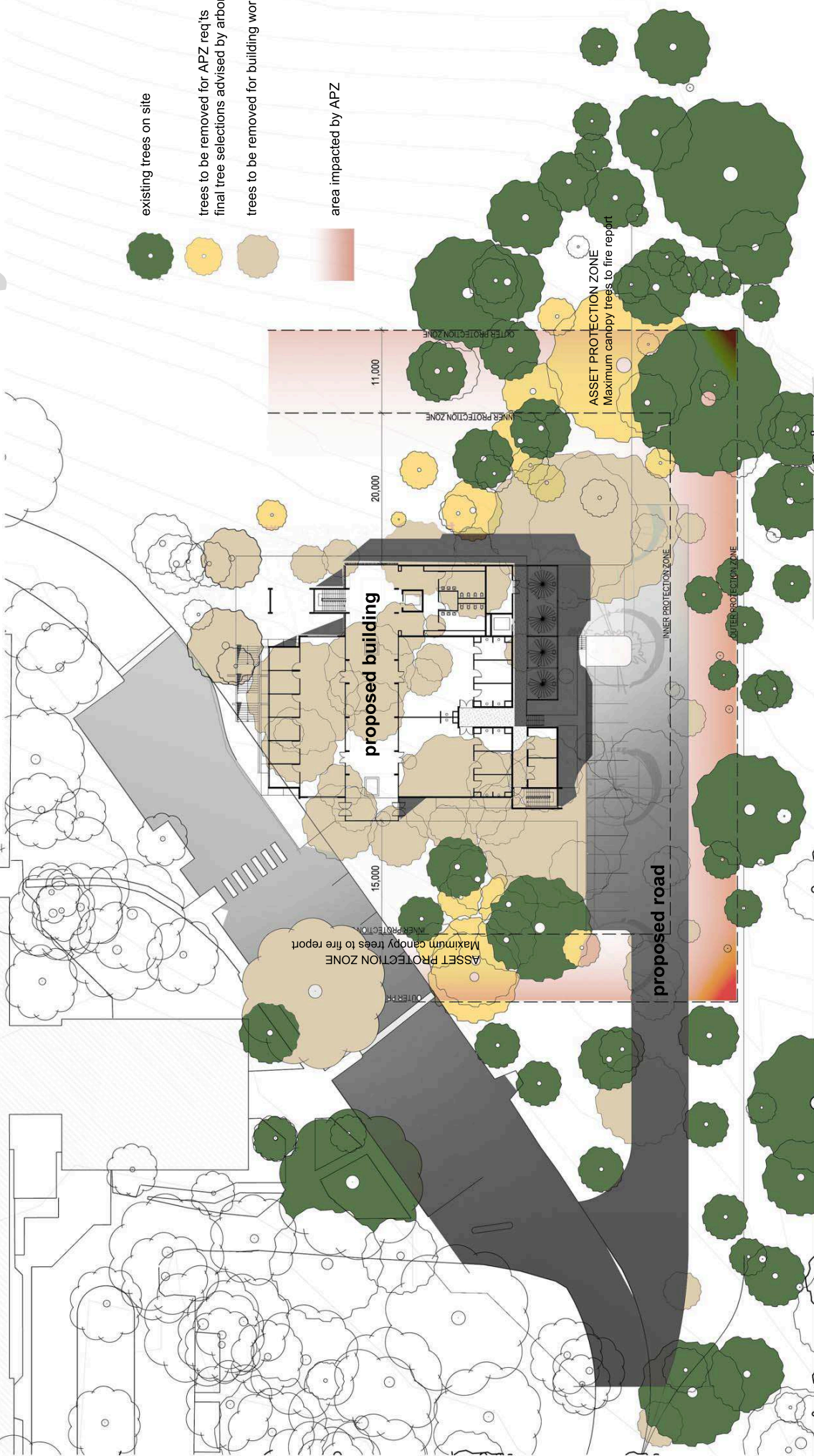


L01 site analysis

- existing trees on site
- trees to be removed for APZ req'ts
final tree selections advised by arborist report
- trees to be removed for building works
- area impacted by APZ



00 DESCRIPTION HERE - WATER FEATURE, PLANTING DETAIL ETC.
Section elevation plan etc here
Sheet 11

THE LOCAL INFORMATION AND CONSULTATION HAS BEEN OBTAINED AND THE PROPOSED DEVELOPMENT IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ACT OF 1981 (SECTION 15.1)		PRELIM LANDSCAPE ISSUE		SWR	verified:	by:	comments:	date:	rev no:	date:	comments:	by:	verified:
A		30.06.11	date:	30.06.11	date:	30.06.11	date:	30.06.11	date:	30.06.11	date:	30.06.11	date:

PROJECT: NATIONAL INSTITUTE OF ENERGY-RESOURCES
CLIENT: UNIVERSITY OF NEWCASTLE
SITE: UNIVERSITY CAMPUS - CALLAGHAN
OFF VALE ST SHORLAND
DRAWING: LANDSCAPE ANALYSIS PLAN
address: 412 King Street Newcastle NSW 2300
ph: 49 284 505 fax: 49 283 589
www.terras.com.au



WORK TO REQUIRED DIMENSIONS IN REFERENCE TO SCALE DRAWING: LANDSCAPE ANALYSIS PLAN DATE: 30.06.11 SCALE: 1:500 SHEET: 2 REV IN SET: 2 DATE: 30.06.11		project no:	8913.5	revision no:	A
phase:		client:	DA	revision no:	L01

L02 concept



PLANTING
typical native plantings to be used



PLANTING
Shade trees



PLANTING
Doryanthes - Main Feature Plant



GABION WALLS
local stone

gabion walls using local quarry rock - stepped gabions allow planting of native plants between walls - nil maintenance natural stone finishes

existing understorey slashed for APZ requirements - retain 10-15% of trees, best trees to be retained identified by arborists and fenced and protected prior to construction works.

pattern tooling to courtyard outdoor area - grey concrete or exposed aggregate used around the university

shade tolerant species to shaded areas close to building. - Cissus, Dicksonia, Viola

existing trees retained in APZ after thinning

new mass planting

p paving areas

new 100 litre native shade tree planting to carpark area to supplement canopy loss - trees 50m.sq canopy area to provide 50% shade for parking to DCP requirements. - Corymbia

PLANT SCHEDULE

- Corymbia maculata - spotted gum
- Tristania laurina 'Luscious' - water gum
- Dicksonia antarctica - tree fern
- Doryanthes excelsa - gymea lily
- Lomandra 'Sharia' - lomandra
- Lomandra 'Tanika' - tanika
- Banksia var 'Collina' - banksia
- Westringia fruticosa - coastal rosemary
- Syzygium 'Resilience' - lilly pilli
- Poa 'Eskdale' - poa grass
- Viola hederacea - native violet

REV	NO	DATE	BY	VERIFIED	COMMENTS
A	30.06.11				
PRELIM LANDSCAPE ISSUE					
SWR					
by:					
verified:					
rev no:					
date:					
comments:					

PROJECT:	NATIONAL INSTITUTE OF ENERGY-RESOURCES
CLIENT:	UNIVERSITY OF NEWCASTLE
SITE:	UNIVERSITY CAMPUS - CALLAGHAN OFF VALE ST SHORTLAND
DRAWING:	LANDSCAPE CONCEPT PLAN
ADDRESS:	412 King Street Newcastle NSW 2300
PH: 49 284 9265	FAX: 49 283 989
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WORK TO REQUIRED DIMENSIONS IN PREFERENCE TO SCALE. CHECK DIMENSIONS OF ALL ELEMENTS AND MATERIALS. UNITS ARE IN METRES. UNITS OF MEASUREMENT ARE METRES. UNITS OF MEASUREMENT ARE METRES.	
CLIENT:	SWR
SCALE:	1:500
REV IN SET:	2
DATE:	30.06.11
PROJECT NO:	8913.5
PHASE:	DA
REVISION NO:	A

