

REVISIONS	No	REVISION	SVY	DFT	CHK	DATE
3	EASEMENT FOR RIGHT OF WAY ADDED + NOTE ON GRID CONVERGENCE	PW	SS	BJB		2/10/13
2	EXTRA SERVICES ADDED	PW	MAK	BJB		25/09/13
1	ISSUE TO CLIENT AS DRAFT	PW	MAK	BJB		13/09/13

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 ACN 000 861 110

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Surveyed	Drafted	Checked	Client
PW	MAK	BJB	NEWCASTLE UNIVERSITY

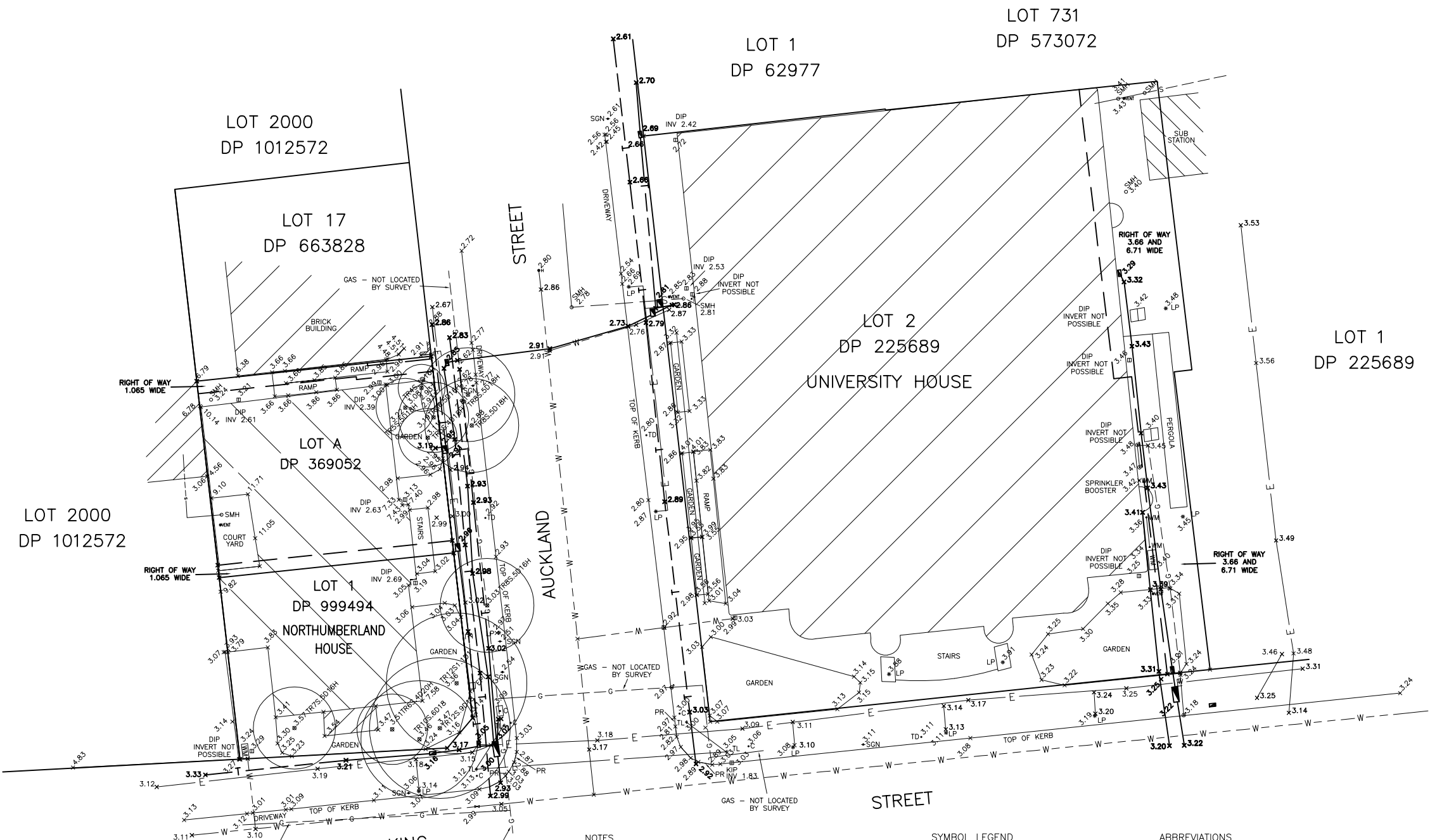
REGISTERED SURVEYOR  
 Scale @A1 : 1:150    Original Size  
 @A3 : 1:300  
**DO NOT SCALE**    **A1**

Title	CAD File	Ref No	Date
DETAIL SURVEY OF NEW SPACE SITE UNIVERSITY OF NEWCASTLE HUNTER & AUCKLAND STREETS, NEWCASTLE	10227BC_03	10/227	12/09/2013

Sheet No. **1/2**  
 Revision **3**



**WARNING**  
 "DIAL BEFORE YOU DIG" - 1100  
 IT IS ESSENTIAL THAT BEFORE ANY EXCAVATION WORK IS UNDERTAKEN, FURTHER INVESTIGATION INTO THE LOCATION OF SERVICES SHOULD BE CARRIED OUT WITH THE RELEVANT AUTHORITY.



**NOTES**

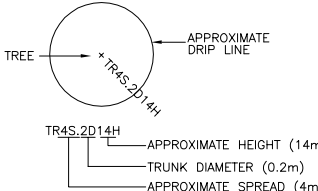
1. THE SURVEY IS ON THE INTEGRATED SURVEY GRID (I.S.G) COORDINATES ARE BASED ON SSM 82761 - E 372006.254 N 1354972.057
2. ALL REDUCED LEVELS ARE BASED ON THE AUSTRALIAN HEIGHT DATUM (A.H.D) LEVELS ARE BASED ON SSM 82761 - RL 3.047 (AHD)
3. ABOVE GROUND SERVICES HAVE BEEN LOCATED BY SURVEY. LOCATION OF UNDERGROUND SERVICES DETERMINED BY ADVANCED GROUND LOCATIONS PTY LTD AND SCALED FROM THE RELEVANT SERVICE AUTHORITY DRAWINGS.
4. LEVELS ON KERBS ARE AT THE FRONT FACE AND ON TOP OF THE KERB
5. THE LOCATION OF STORMWATER DRAINAGE WITHIN THE SURVEY AREA IS INACCESSIBLE. NO INVESTIGATION INTO THE LOCATION OF THE DRAINAGE HAS BEEN UNDERTAKEN.
6. ALL BOUNDARIES ARE APPROXIMATE ONLY AND MUST BE SURVEYED PRIOR TO ANY BUILDING WORK ON SITE.

**SYMBOL LEGEND**

- ⊗ - STOP VALVE (WATER SERVICE)
- ⊕ - HYDRANT (WATER SERVICE)
- ⊙ - LIGHT POLE
- ⊕ - SIGN POST
- ⊕ - TELECOMMUNICATIONS PIT
- ⊕ - DATA COMMUNICATION PIT
- ⊕ - DRAINAGE PIT
- ⊕ - TAP
- ⊕ - SEWER VENT
- ⊕ - GAS MARKER
- ⊕ - GAS VALVE
- ⊕ - SEWER MANHOLE
- ⊕ - TRAFFIC LIGHT
- ⊕ - TRAFFIC CONTROL BOX
- ⊕ - PARKING TICKET DISPENSER

**ABBREVIATIONS**

- KIP - KERB INLET PIT
- DIP - DRAINAGE INLET PIT (SUMP)
- INV - INVERT LEVEL
- DP - DOWNPIPE
- SGN - SIGN POST
- LP - LIGHT POLE
- PP - POWER POLE
- TL - TRAFFIC LIGHT
- PR - PRAM RAMP
- ESS - ELECTRICITY SUBSTATION



1.	30/8/04	Amend Lot Number
No.	DATE	DESCRIPTION
REVISIONS		
REGISTERED SURVEYOR		
SURVEYED: JW	DRAFTED: ADO	
DRAWN: JW	CHECKED: PEP	
<b>MONTEATH &amp; POWYS</b> PTY. LTD. A.B.N. 94 000 861 110 CONSULTING SURVEYORS & PLANNERS 25 BOLTON ST, NEWCASTLE Email: survey@monteathpowys.com.au PHONE (02) 49 261388 P.O. BOX 726 NEWCASTLE 2300. FAX (02) 49 293475 DX 7888 NEWCASTLE		
CLIENT: <b>THE UNIVERSITY OF NEWCASTLE</b>		
TITLE: <b>DETAIL SURVEY OF UNIVERSITY HOUSE &amp; NORTHUMBERLAND HOUSE, NEWCASTLE</b>		
CADD FILE: 04110D.DWG		
DATE: 30/8/04	SCALE AT A1: 1:200	
REF No.	No.	
04/110	1	of 2