

**LEGEND**

<b>UNDERGROUND SERVICES</b>		<b>ABOVEGROUND SERVICES</b>	
---	W	---	WATER
---	T	---	TELECOMMUNICATION
---	S	---	SEWER
---	D	---	DRAINAGE
---	E	---	ELECTRICITY
---	FS	---	FIRE
---	F	---	FUEL
---	G	---	GAS
---	I	---	IRRIGATION
⊙	STOP VALVE	⊙	AIR VALVE
⊕	HYDRANT	⊕	DOUBLE AIR VALVE
⊖	WATER METER	⊖	ELECTRICAL METER
WPIT	WATER PIT	⊖	GAS METER
SMH	SEWER MANHOLE	⊖	GULLY PIT
SWGATE	STORMWATER GATE	⊖	STORMWATER GULLY PIT
SWPIT	STORMWATER PIT	⊖	INSPECTION OPENING
TEL PIT	TELSTRA PIT	⊖	MANHOLE
EJ	TELSTRA ELEVATED JOINT	⊖	PUMP STATION
EP	ELECTRICITY POLE	⊖	INACCESSIBLE PIT
LP	LIGHT POLE	⊖	
---	TOP OF BANK		
---	BOTTOM OF BANK		

**NOTES**

THESE NOTES ARE AN INTEGRAL PART OF THIS PLAN. REPRODUCTION OF THIS PLAN OR ANY PART OF IT WITHOUT THESE NOTES BEING INCLUDED IN FULL WILL RENDER THE INFORMATION INVALID AND NOT SUITABLE FOR USE.

THIS PLAN SHOWS THE APPROXIMATE LOCATION OF MAIN UNDERGROUND SERVICES WITHIN THE SITE. PUBLIC WORKS ADVISORY DOES NOT GUARANTEE THAT ALL UNDERGROUND SERVICES HAVE BEEN LOCATED.

SOME SURFACE EVIDENCE MAY NOT HAVE BEEN IDENTIFIED AT THE TIME OF THE SURVEY DUE TO SITE IMPEDIMENTS.

THE SERVICES HAVE BEEN IDENTIFIED FROM SURFACE EVIDENCE, PLANS AND PIPE AND CABLE LOCATION DEVICE WHERE APPROPRIATE. LOCATION OF UNDERGROUND SERVICES AS SHOWN ARE INDICATIVE ONLY AND DO NOT REPRESENT THE NUMBER, SIZE OR DEPTH OF CABLES, PIPES OR CONDUITS

SERVICES BETWEEN SURFACE EVIDENCE (SUCH AS MANHOLES) HAVE BEEN ASSUMED TO BE STRAIGHT UNLESS PLANS OR A PIPE AND CABLE LOCATION DEVICE INDICATE OTHERWISE.

WHERE THE LOCATION OF A SERVICE COULD NOT BE CONFIRMED DUE TO A LACK OF SURFACE EVIDENCE, THE SERVICE HAS BEEN PLOTTED FROM PLANS AND NOTATED ACCORDINGLY.

PUBLIC WORKS ADVISORY DOES NOT GUARANTEE THE ACCURACY, CORRECTNESS AND COMPLETENESS OF THESE PLANS.

PRIOR TO AND DURING ANY DEMOLITION, EXCAVATION OR CONSTRUCTION THE CONTRACTOR OR DESIGNER MUST OBTAIN A CURRENT SEARCH FROM 'DIAL BEFORE YOU DIG'

A FULL BOUNDARY SURVEY HAS NOT BEEN UNDERTAKEN AS A PART OF THIS SURVEY. THE BOUNDARY SHOWN ON THIS PLAN IS FROM AN, AS YET, UNREGISTERED DP.

**STATION CO-ORDINATE SCHEDULE**

NOTE: PLANE CO-ORDINATE GRID BASED ON M.G.A CO-ORDINATE ADOPTED FOR TRAV01 ORIENTATION OF GRID STN TRAV01 TO STN TRAV02 BEARING 305° 42' 03"

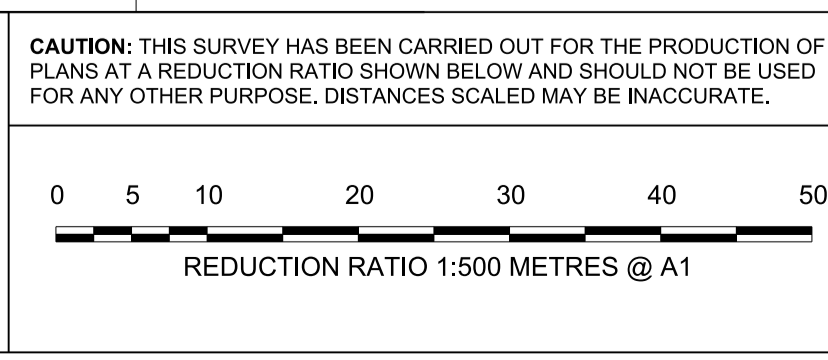
STATION	EASTING	NORTHING	HEIGHT	DESCRIPTION
TRAV01	334233.551	6248012.292	30.511	DH IN SMH
TRAV02	334122.978	6248091.749	31.992	NAIL IN PATH
WS10	334260.623	6248061.182	31.073	NAIL IN PATH
WS11	334292.046	6248055.366	30.942	NAIL IN PATH
WS12	334284.941	6248000.012	30.596	NAIL IN PATH
WS14	334272.115	6247907.526	29.976	NAIL IN PATH
WS15	334220.671	6247899.124	30.134	NAIL IN PATH
WS16	334173.765	6247926.140	30.751	NAIL IN PATH
WS17	334209.199	6248016.324	30.865	NAIL IN PATH
WS18	334220.378	6248079.544	31.194	NAIL IN PATH
WS20	334381.221	6248064.402	37.547	NAIL IN PATH
WS21	334368.382	6247977.703	35.885	NAIL IN PATH
WS22	334397.632	6248140.733	39.391	NAIL IN PATH

**DRAFT**

MK DETAILS OF AMENDMENTS DATE

**SERVICES NOTES**

- VISUAL EVIDENCE IS SHOWN TO SURVEY ACCURACY
- INVERTS & DIAMETERS ARE SHOWN WHERE REASONABLE ACCESS WAS OBTAINED
- DIRECTION OF SERVICES SHOWN HAVE BEEN DERIVED FROM VISUAL EVIDENCE AND WHEN IN AGREEMENT WITH SERVICE AUTHORITY WAE DRAWINGS
- DIRECTION OF SERVICES NOT SHOWN IS DUE TO AN UNCERTAINTY WHEN COMPARING VISUAL LOCATION WITH SERVICE DIAGRAMS
- SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITIES DURING DESIGN AND PRIOR TO CONSTRUCTION



**DATUM:** AUSTRALIAN HEIGHT DATUM

**ORIGIN OF LEVELS:** PM 178804 - HT. 25.492

**AZIMUTH:** MGA ZONE 56

**FOLDER:** B8005 **LB:** \*\*\*\*\* **FB:** \*\*\*\*\*

**L.G.A.:** SYDNEY CITY COUNCIL

**SURVEYOR:** B. SUMMERHAYES, J. KEARNEY

**SURVEY DATE:** APRIL 2018 **FILE:** B8005

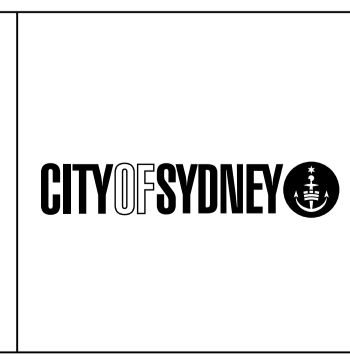
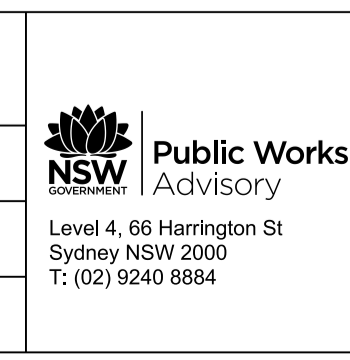
**CADD:** J.DUMBOVIC

**PUBLIC WORKS ADVISORY | SURVEYING**  
Level 3, 84 Crown Street, Wollongong NSW 2500  
PO Box 546, Wollongong NSW 2500

VERIFIED

VALIDATED

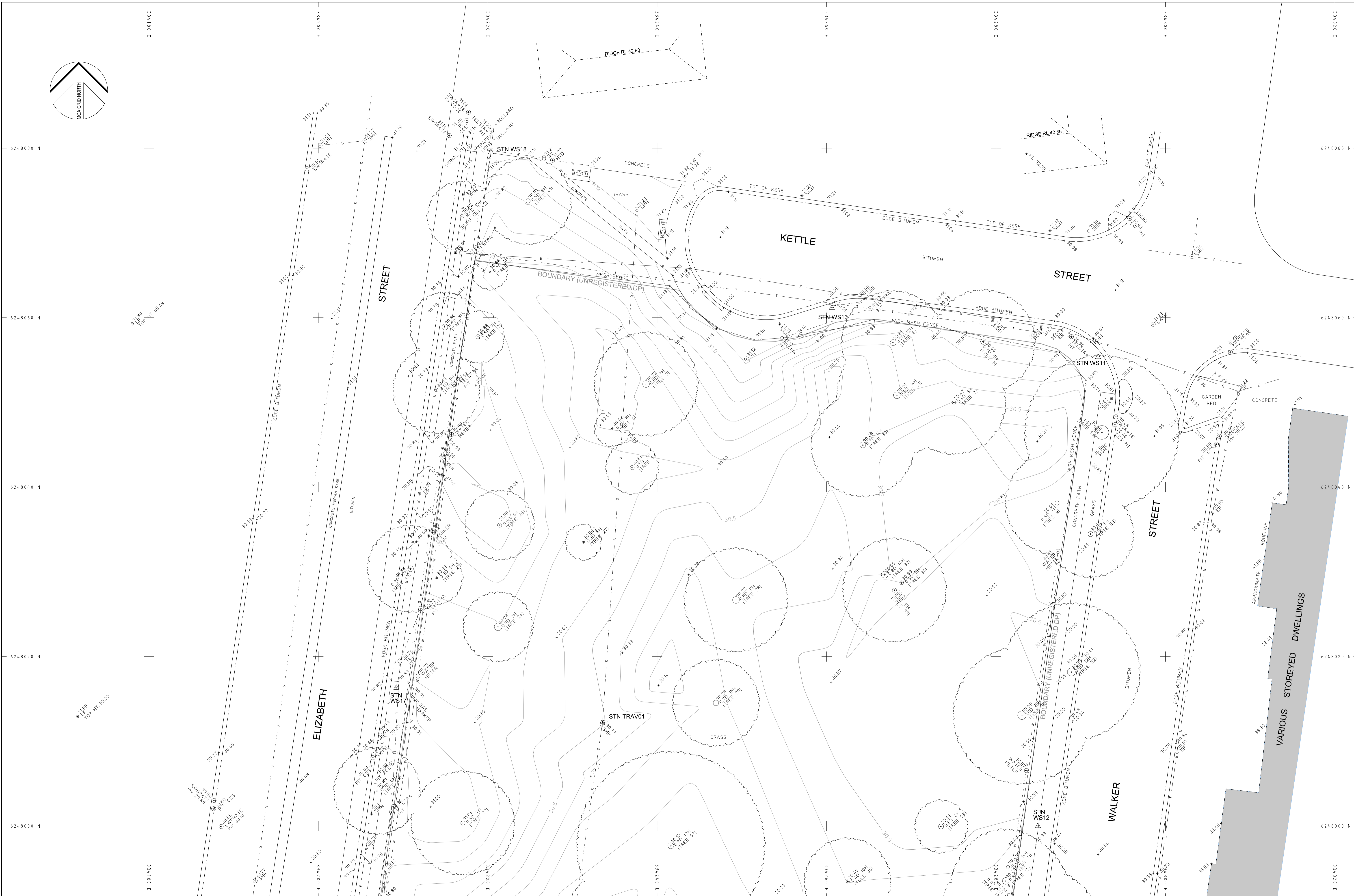
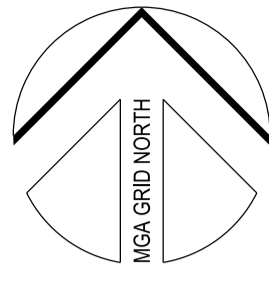
APPROVED MANAGER



**ELIZABETH STREET - REDFERN**  
**DETAIL & CONTOUR SURVEY**

**OVERALL PLAN**

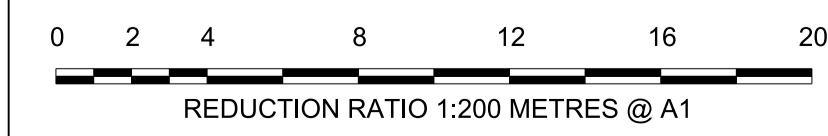
PLAN RM NO	57530	NO IN SET	4
SCALES	1:500	SHEET NO	1
DESIGNED	DATE		
DRAFTED	VERIFIED		



**DRAFT**

- SERVICES NOTES**
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  5. SERVICE DETAILS SHOULD BE CONFIRMED WITH THE RELEVANT SERVICE AUTHORITIES DURING DESIGN AND PRIOR TO CONSTRUCTION

**CAUTION: THIS SURVEY HAS BEEN CARRIED OUT FOR THE PRODUCTION OF PLANS AT A REDUCTION RATIO SHOWN BELOW AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. DISTANCES SCALED MAY BE INACCURATE.**



DATUM: AUSTRALIAN HEIGHT DATUM  
 ORIGIN OF LEVELS: PM 178804 - HT. 25.492  
 AZMUTH: MGA ZONE 56  
 FOLDER: B8005 LB: \*\*\*\*\* FB: \*\*\*\*\*  
 L. G. A: SYDNEY CITY COUNCIL  
 SURVEYOR: B. SUMMERHAYES, J. KEARNEY  
 SURVEY DATE: APRIL 2018 FILE: B8005  
 CADD J.DUMBOWIC

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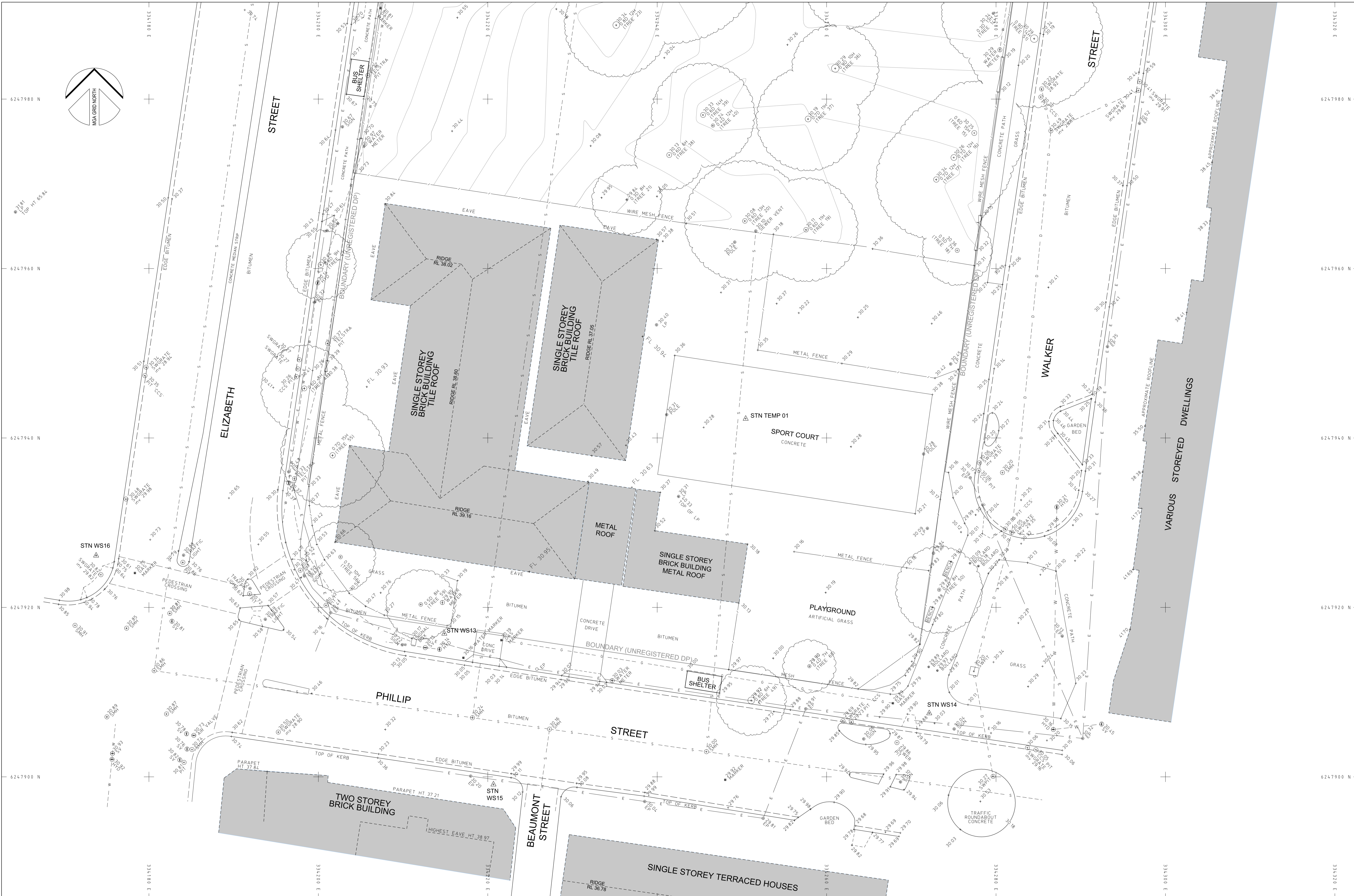
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 APPROVED MANAGER



**ELIZABETH STREET - REDFERN**  
**DETAIL & CONTOUR SURVEY**

**DETAIL PLAN**  
**PART A**

PLAN RM NO	57530	NO IN SET	4
SCALES	1:200	SHEET NO	2
DESIGNED	DATE	DRAFTED	VERIFIED



**DRAFT**

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0 2 4 8 12 16 20

REDUCTION RATIO 1:200 METRES @ A1

**DATUM:** AUSTRALIAN HEIGHT DATUM  
**ORIGIN OF LEVELS:** PM 178804 - HT. 25.492  
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**FOLDER:** B8005 LB: \*\*\*\*\* FB: \*\*\*\*\*  
**L. G. A.:** SYDNEY CITY COUNCIL  
**SURVEYOR:** B. SUMMERHAYES, J. KEARNEY  
**SURVEY DATE:** APRIL 2018 **FILE:** B8005  
**CADD:** J.DUMBOVIC

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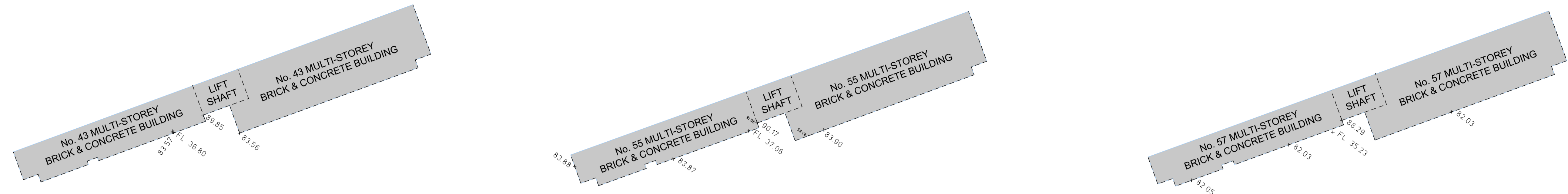
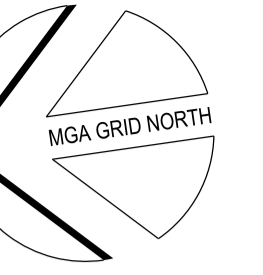
VERIFIED  
 VALIDATED  
 APPROVED MANAGER



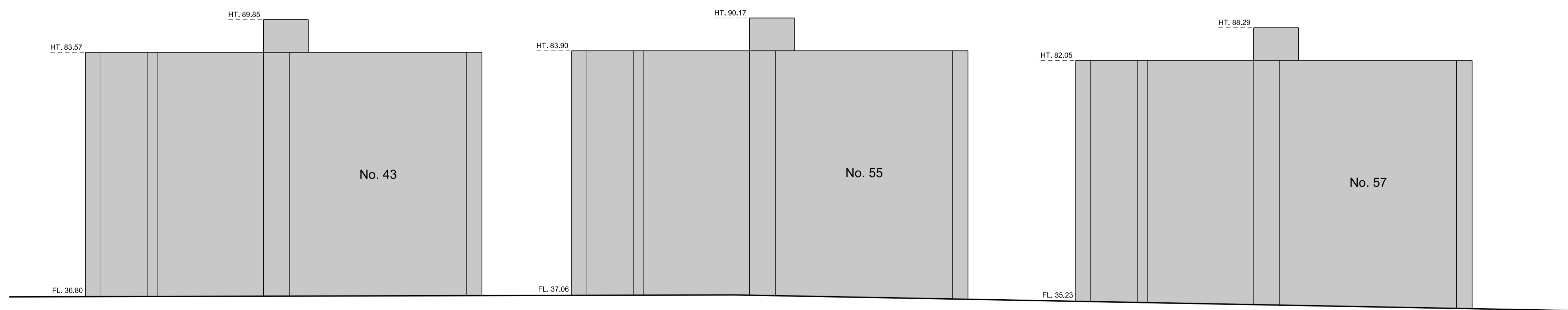
**ELIZABETH STREET - REDFERN**  
**DETAIL & CONTOUR SURVEY**

**DETAIL PLAN**  
**PART B**

PLAN RM NO	57530	NO IN SET	4
SCALES	1:200	SHEET NO	3
DESIGNED	DATE		
DRAFTED	VERIFIED		



PLAN



ELEVATIONS

**DRAFT**

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0 5 10 20 30 40 50  
 REDUCTION RATIO 1:500 METRES @ A1

DATUM: AUSTRALIAN HEIGHT DATUM  
 ORIGIN OF LEVELS: PM 178804 - HT. 25.492  
 AZIMUTH: MGA ZONE 56  
 FOLDER: B8005 LB: \*\*\*\*\* FB: \*\*\*\*\*  
 L. G. A: SYDNEY CITY COUNCIL  
 SURVEYOR: B. SUMMERHAYES, J. KEARNEY  
 SURVEY DATE: APRIL 2018 FILE: B8005  
 CADD J.DUMBOWIC

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**ELIZABETH STREET - REDFERN  
 DETAIL & CONTOUR SURVEY**

**MOREHEAD STREET  
 BUILDING ELEVATIONS**

PLAN RM NO	57530	NO IN SET	4
SCALES	1:500	SHEET NO	4
DESIGNED	DATE		
DRAFTED	VERIFIED		