

































LEGEND

- | | |
|---|------------------------------------|
|  | PHOTOGRAPH DIRECTION |
|  | COLUMN |
|  | PARKING METER |
|  | BOLLARD |
|  | SIGN |
|  | TREE |
|  | POWER POLE |
|  | ELECTRICAL PILLAR |
|  | STREET LIGHT |
|  | HYDRANT |
|  | STOP VALVE |
|  | WATER METER |
|  | KIP - KERB INLET PIT |
|  | SIP - SURFACE INLET PIT |
|  | SEWER MAN HOLE |
|  | TELSTRA/COMMS PIT |
|  | GAS METER |
|  | GAS MARKER |
|  | FENCE LINE |
|  | UNDERGROUND SEWER (QL C) |
|  | UNDERGROUND SEWER (QL D) |
|  | UNDERGROUND ELECTRICITY (QL D) |
|  | UNDERGROUND GAS MAIN (QL D) |
|  | UNDERGROUND COMMS (QL D) |
|  | UNDERGROUND WATER MAIN (QL D) |
|  | UNDERGROUND STORMWATER PIPE (QL A) |
|  | UNDERGROUND STORMWATER PIPE (QL D) |
|  | MINOR CONTOUR LINE |
|  | MAJOR CONTOUR LINE |
|  | OVERALL SITE EXTENTS |
|  | BOUNDARY LINE |
|  | TOP & TOE OF BANKS |

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

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ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND	DATUM: AHD		1 OF 9
B	01.02.18	MGA ORIGIN ADDED					ORIGIN OF CO-ORDINATES: P.M.50023	CONTOUR INTERVAL: 0.25m		
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	DATE OF SURVEY 05.07.17	ORIGIN OF LEVELS: P.M.50023		

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

NOTES:-

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8. BACKGROUND SURVEY INFORMATION HAS BEEN SOURCED FROM CONTOUR & DETAIL PLAN FROM LAND AND HOUSING CORPORATIONS REF: 8907/001/01, DATED 03/2007.

Drawing title:

PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
THE IVANHOE ESTATE
REDEVELOPMENT SITE

location: HERRING & EPPING
ROADS, MACQUAIRE
PARK.

council: RYDE

dwg ref: 300001-DET-004

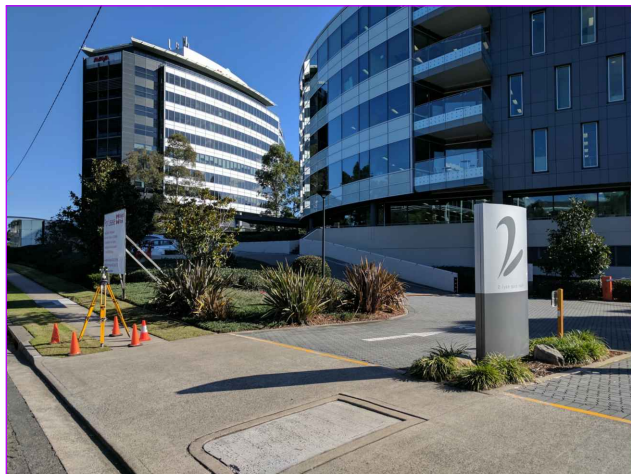
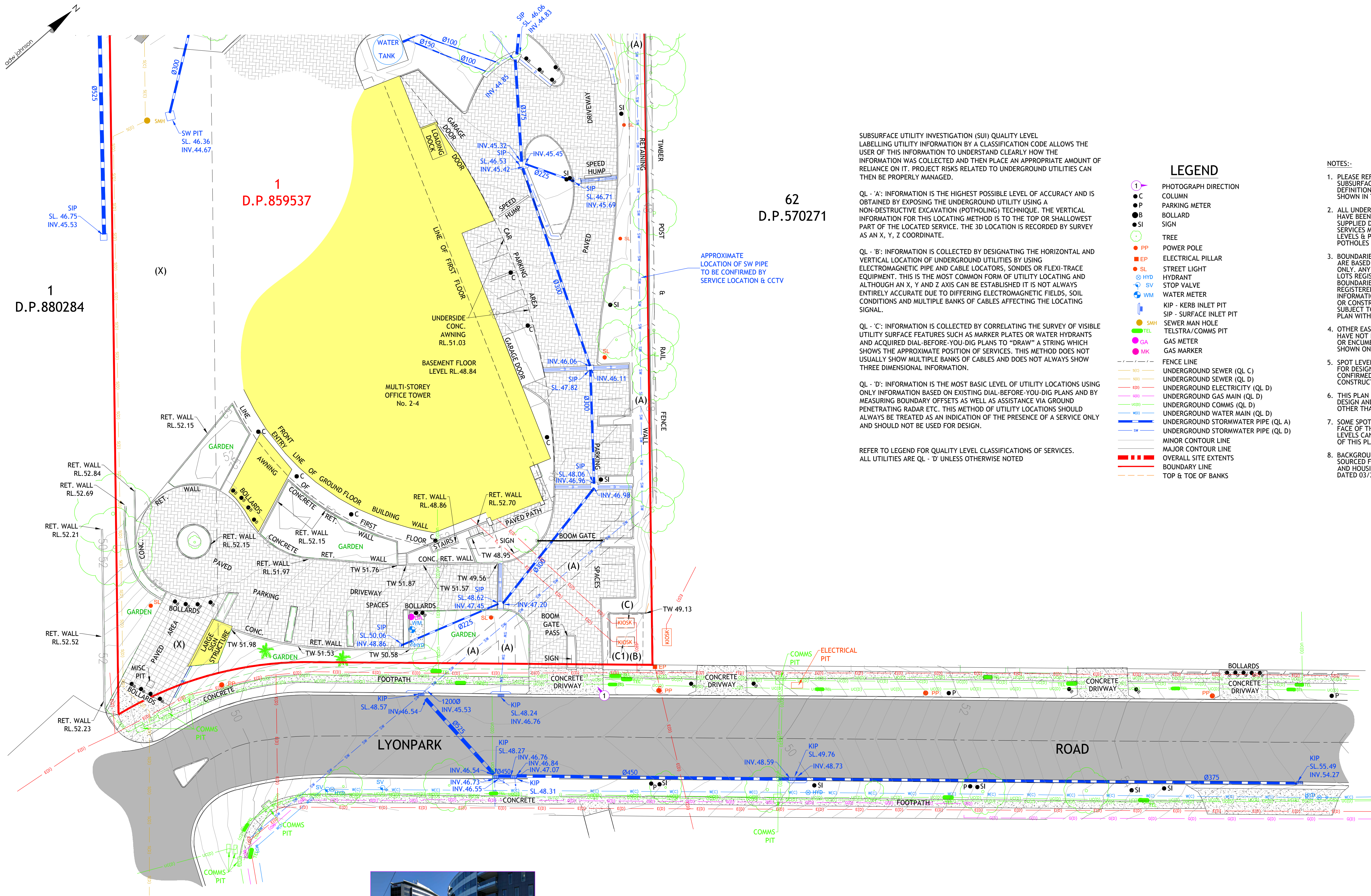
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working beyond expectations



PHOTOGRAPH 1

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL
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LEGEND

- 1 PHOTOGRAPH DIRECTION
- C COLUMN
- P PARKING METER
- B BOLLARD
- SI SIGN
- TREE
- PP POWER POLE
- EP ELECTRICAL PILLAR
- SL STREET LIGHT
- HYD HYDRANT
- SV STOP VALVE
- WM WATER METER
- KIP - KERB INLET PIT
- SIP - SURFACE INLET PIT
- SMH SEWER MAN HOLE
- TEL TELSTRA/COMMS PIT
- GA GAS METER
- MK GAS MARKER
- FENCE LINE
- UC(C) UNDERGROUND SEWER (QL C)
- UD(C) UNDERGROUND SEWER (QL D)
- EC(C) UNDERGROUND ELECTRICITY (QL C)
- ED(C) UNDERGROUND GAS MAIN (QL D)
- UC(D) UNDERGROUND COMMS (QL D)
- WD(C) UNDERGROUND WATER MAIN (QL D)
- SW(C) UNDERGROUND STORMWATER PIPE (QL A)
- SW(C) UNDERGROUND STORMWATER PIPE (QL D)
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- OVERALL SITE EXTENTS
- BOUNDARY LINE
- TOP & TOE OF BANKS

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- (A) EASEMENT FOR DRAINAGE 2.5 WIDE & VARIABLE WIDTH (VIDE R507051)
(B) RIGHT OF WAY & EASEMENT FOR ELECTRICITY PURPOSES 5.35 WIDE (VIDE 8712011)
(C) LEASE TO AUSGRID SUBSTATION PREMISE No.7958 (VIDE 8712011)
(C1) LEASE TO AUSGRID SUBSTATION PREMISE No.7959 (VIDE 8712011)
(D) EASEMENT FOR SEWER PIPE LINE (VIDE M50338 & D.P.535722)
(X) LAND EXCLUDES MINERALS - CROWN GRANT 5235A CROWN LAND CONSOLIDATION ACT, 1913

OTHER TITLE NOTIFICATIONS

- LOT 1 D.P.859537:
- IS SUBJECT TO NUMEROUS LEASES. THE CONSENT OF THE LESSEES WILL BE REQUIRED FOR ANY PROPOSED DEALINGS AFFECTING THE LAND.
- LOT 9 D.P.861433:
- IS SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.604(2) LOCAL GOV. ACT, 1919;
 - IS AFFECTED BY COVENANT S142036.

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND	DATUM: AHD	0 6.0 12.0 15.0m	2 OF 9
B	01.02.18	MGA ORIGIN ADDED					ORIGIN OF CO-ORDINATES: P.M.50023	ORIGIN OF LEVELS: P.M.50023	SCALE: 1:300 (FULL)	
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	DATE OF SURVEY 05.07.17	CONTOUR INTERVAL: 0.25m		

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PLAN SHOWING DETAIL &
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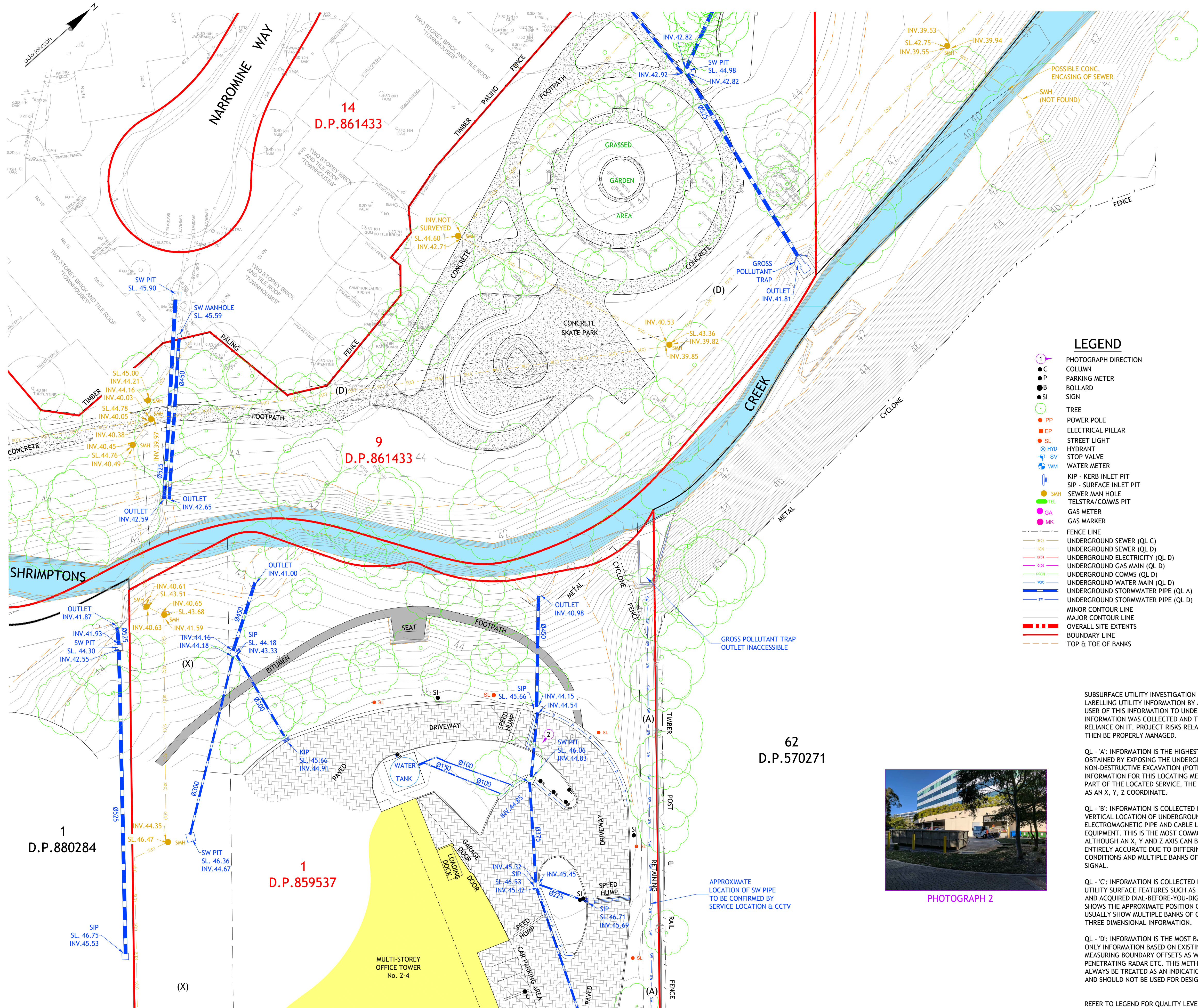
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PHOTOGRAPH 2

62
D.P.570271

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
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DIAL 1100
BEFORE YOU DIG

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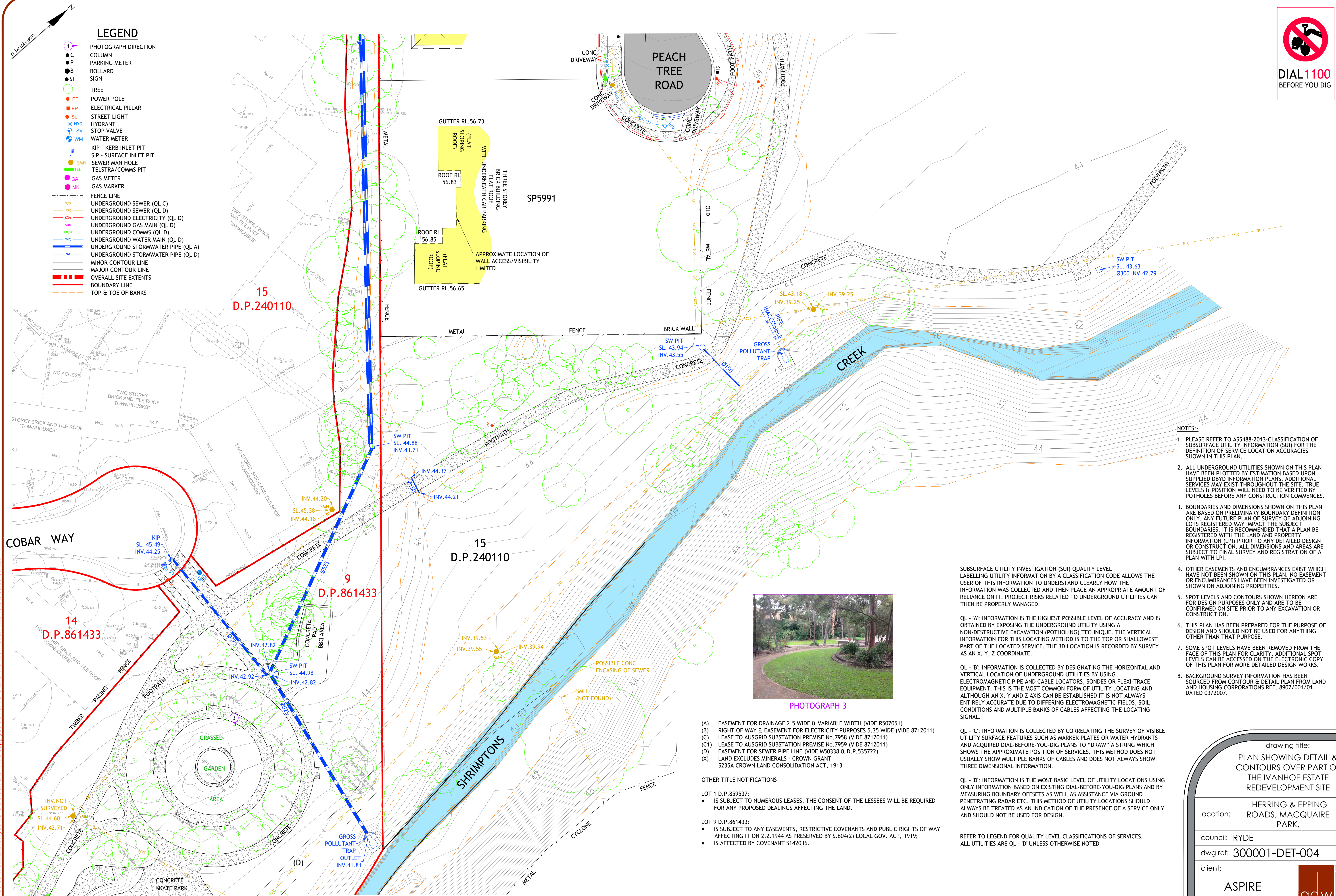
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(C1) LEASE TO AUSGRID SUBSTATION PREMISE No.7959 (VIDE 8712011)
(D) EASEMENT FOR SEWER PIPE LINE (VIDE M50338 & D.P.535722)
(X) LAND EXCLUDES MINERALS - CROWN GRANT S235A CROWN LAND CONSOLIDATION ACT, 1913

OTHER TITLE NOTIFICATIONS

- LOT 1 D.P.859537:
- IS SUBJECT TO NUMEROUS LEASES. THE CONSENT OF THE LESSEES WILL BE REQUIRED FOR ANY PROPOSED DEALINGS AFFECTING THE LAND.
- LOT 9 D.P.861433:
- IS SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.604(2) LOCAL GOV. ACT, 1919;
 - IS AFFECTED BY COVENANT S142036.

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND	DATUM: AHD	0 6.0 12.0 15.0m	4 OF 9
B	01.02.18	MGA ORIGIN ADDED					ORIGIN OF CO-ORDINATES: P.M.50023	ORIGIN OF LEVELS: P.M.50023	SCALE: 1:300 (FULL)	
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	DATE OF SURVEY 05.07.17	CONTOUR INTERVAL: 0.25m		

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

drawing title:
PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
THE IVANHOE ESTATE
REDEVELOPMENT SITE

location:
HERRING & EPPING
ROADS, MACQUAIRE
PARK.

council: RYDE

dwg ref: 300001-DET-004

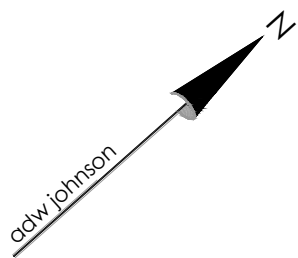
client:

ASPIRE
CONSORTIUM

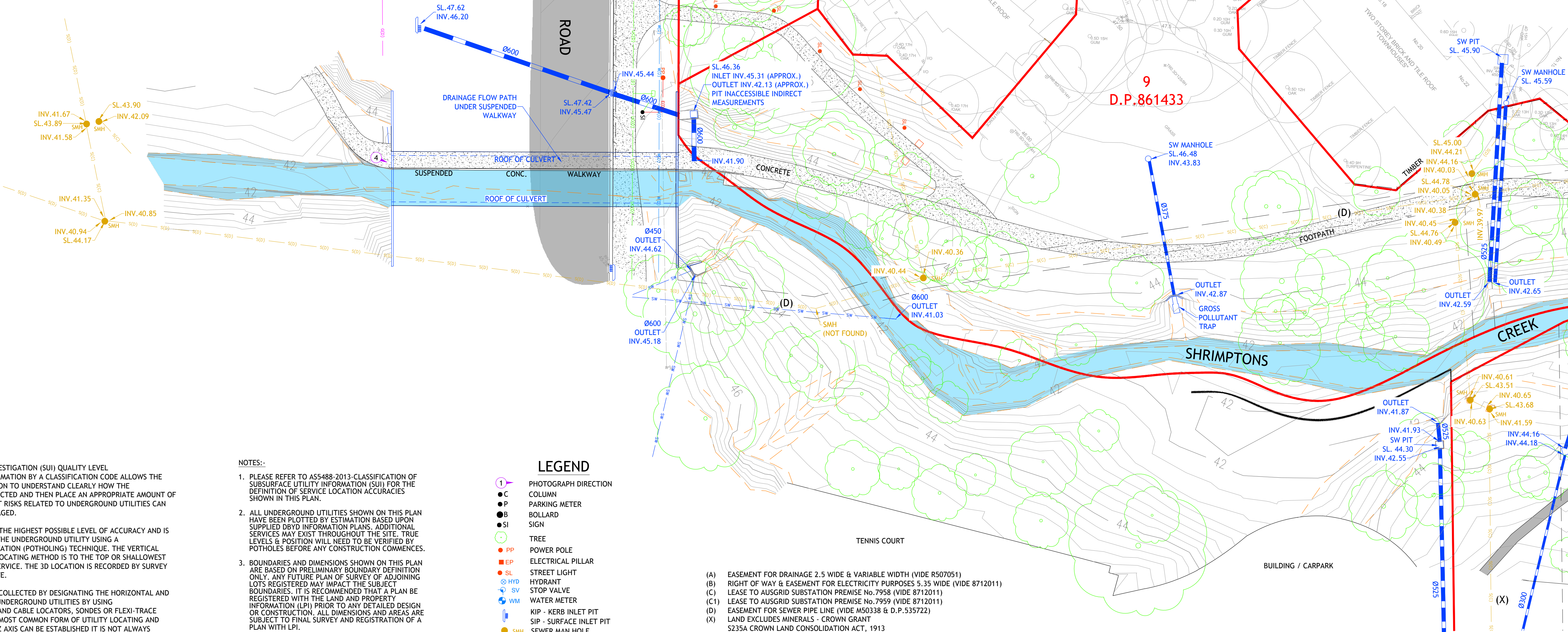
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hunter office
sydney office

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ph: (02) 4978 5100
ph: (02) 8046 7411

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PHOTOGRAPH 4



SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

QL - 'A': INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED BY EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POTHOLING) TECHNIQUE. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OR SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED BY SURVEY AS AN X, Y, Z COORDINATE.

QL - 'B': INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEXI-TRACE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS OF CABLES AFFECTING THE LOCATING SIGNAL.

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QL - 'D': INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL-BEFORE-YOU-DIG PLANS AND BY MEASURING BOUNDARY OFFSETS AS WELL AS ASSISTANCE VIA GROUND PENETRATING RADAR ETC. THIS METHOD OF UTILITY LOCATIONS SHOULD ALWAYS BE TREATED AS AN INDICATION OF THE PRESENCE OF A SERVICE ONLY AND SHOULD NOT BE USED FOR DESIGN.

REFER TO LEGEND FOR QUALITY LEVEL CLASSIFICATIONS OF SERVICES.
ALL UTILITIES ARE QL - 'D' UNLESS OTHERWISE NOTED

- NOTES:-
- PLEASE REFER TO AS5488-2013 CLASSIFICATION OF SUBSURFACE UTILITY INFORMATION (SUI) FOR THE DEFINITION OF SERVICE LOCATION ACCURACIES SHOWN IN THIS PLAN.
 - ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN PLOTTED BY ESTIMATION BASED UPON SUPPLIED DBYD INFORMATION PLANS. ADDITIONAL SERVICES MAY EXIST THROUGHOUT THE SITE. TRUE LEVELS & POSITION WILL NEED TO BE VERIFIED BY POTHOLING BEFORE ANY CONSTRUCTION COMMENCES.
 - BOUNDARIES AND DIMENSIONS SHOWN ON THIS PLAN ARE BASED ON PRELIMINARY BOUNDARY DEFINITION ONLY. ANY FUTURE PLAN OF SURVEY OF ADJOINING LOTS REGISTERED MAY IMPACT THE SUBJECT BOUNDARIES. IT IS RECOMMENDED THAT A PLAN BE REGISTERED WITH THE LAND AND PROPERTY INFORMATION (LPI) PRIOR TO ANY DETAILED DESIGN OR CONSTRUCTION. ALL DIMENSIONS AND AREAS ARE SUBJECT TO FINAL SURVEY AND REGISTRATION OF A PLAN WITH LPI.
 - OTHER EASEMENTS AND ENCUMBRANCES EXIST WHICH HAVE NOT BEEN SHOWN ON THIS PLAN. NO EASEMENT OR ENCUMBRANCES HAVE BEEN INVESTIGATED OR SHOWN ON ADJOINING PROPERTIES.
 - SPOT LEVELS AND CONTOURS SHOWN HEREON ARE FOR DESIGN PURPOSES ONLY AND ARE TO BE CONFIRMED ON SITE PRIOR TO ANY EXCAVATION OR CONSTRUCTION.
 - THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF DESIGN AND SHOULD NOT BE USED FOR ANYTHING OTHER THAN THAT PURPOSE.
 - SOME SPOT LEVELS HAVE BEEN REMOVED FROM THE FACE OF THIS PLAN FOR CLARITY. ADDITIONAL SPOT LEVELS CAN BE ACCESSED ON THE ELECTRONIC COPY OF THIS PLAN FOR MORE DETAILED DESIGN WORKS.
 - BACKGROUND SURVEY INFORMATION HAS BEEN SOURCED FROM CONTOUR & DETAIL PLAN FROM LAND AND HOUSING CORPORATIONS REF. 8907/001/01, DATED 03/2007.

- LEGEND
- PHOTOGRAPH DIRECTION
 - COLUMN
 - PARKING METER
 - BOLLARD
 - SIGN
 - TREE
 - POWER POLE
 - ELECTRICAL PILLAR
 - STREET LIGHT
 - HYDRANT
 - STOP VALVE
 - WATER METER
 - KIP - KERB INLET PIT
 - SIP - SURFACE INLET PIT
 - SEWER MAN HOLE
 - TELSTRA/COMMS PIT
 - GAS METER
 - GAS MARKER
 - FENCE LINE
 - UNDERGROUND SEWER (QL C)
 - UNDERGROUND SEWER (QL D)
 - UNDERGROUND ELECTRICITY (QL D)
 - UNDERGROUND GAS MAIN (QL D)
 - UNDERGROUND COMMS (QL D)
 - UNDERGROUND WATER MAIN (QL D)
 - UNDERGROUND STORMWATER PIPE (QL A)
 - UNDERGROUND STORMWATER PIPE (QL D)
 - MINOR CONTOUR LINE
 - MAJOR CONTOUR LINE
 - OVERALL SITE EXTENTS
 - BOUNDARY LINE
 - TOP & TOE OF BANKS

- (A) EASEMENT FOR DRAINAGE 2.5 WIDE & VARIABLE WIDTH (VIDE R507051)
(B) RIGHT OF WAY & EASEMENT FOR ELECTRICITY PURPOSES 5.35 WIDE (VIDE 8712011)
(C) LEASE TO AUSGRID SUBSTATION PREMISE No.7958 (VIDE 8712011)
(C1) LEASE TO AUSGRID SUBSTATION PREMISE No.7959 (VIDE 8712011)
(D) EASEMENT FOR SEWER PIPE LINE (VIDE M50338 & D.P.535722)
(X) LAND EXCLUDES MINERALS - CROWN GRANT S235A CROWN LAND CONSOLIDATION ACT, 1913
- OTHER TITLE NOTIFICATIONS
- LOT 1 D.P.859537:
- IS SUBJECT TO NUMEROUS LEASES. THE CONSENT OF THE LESSEES WILL BE REQUIRED FOR ANY PROPOSED DEALINGS AFFECTING THE LAND.
- LOT 8 AND 9 D.P.861433:
- ARE SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.604(2) LOCAL GOV. ACT, 1919;
 - ARE AFFECTED BY COVENANT S142036.

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

1
D.P.880284
No.123 EPPING ROAD

- (A) EASEMENT FOR DRAINAGE 2.5 WIDE & VARIABLE WIDTH (VIDE R507051)
(B) RIGHT OF WAY & EASEMENT FOR ELECTRICITY PURPOSES 5.35 WIDE (VIDE 8712011)
(C) LEASE TO AUSGRID SUBSTATION PREMISE No.7958 (VIDE 8712011)
(C1) LEASE TO AUSGRID SUBSTATION PREMISE No.7959 (VIDE 8712011)
(D) EASEMENT FOR SEWER PIPE LINE (VIDE M50338 & D.P.535722)
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OTHER TITLE NOTIFICATIONS

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ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE								
B	01.02.18	MGA ORIGIN ADDED	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA S6 GROUND	DATUM: AHD	0 6.0 12.0 15.0m	5 OF 9
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	ORIGIN OF CO-ORDINATES: P.M.50023	ORIGIN OF LEVELS: P.M.50023	SCALE: 1:300 (FULL)	
							DATE OF SURVEY: 05.07.17	CONTOUR INTERVAL: 0.25m		

• project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design



drawing title:
PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
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REDEVELOPMENT SITE

location:
HERRING & EPPING
ROADS, MACQUAIRE
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council: RYDE

dwg ref: 300001-DET-004

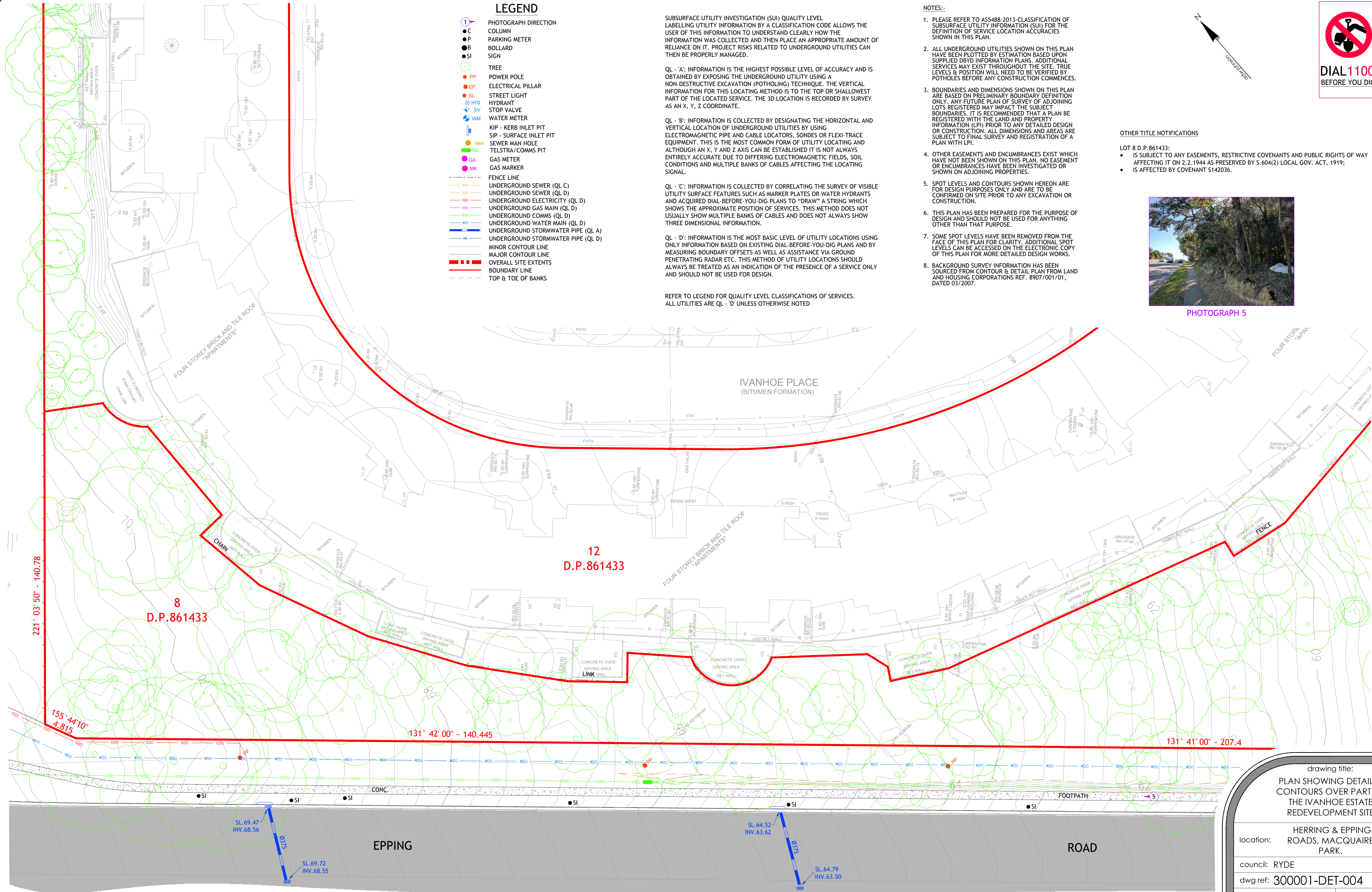
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sydney office ph: (02) 8046 7411

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LEGEND

- 1 PHOTOGRAPH DIRECTION
- C COLUMN
- P PARKING METER
- B BOLLARD
- SI SIGN
- TREE
- PP POWER POLE
- EP ELECTRICAL PILLAR
- SL STREET LIGHT
- HYD HYDRANT
- SV STOP VALVE
- WM WATER METER
- KIP KIP - KERB INLET PIT
- SIP - SURFACE INLET PIT
- SMH SEWER MAN HOLE
- TEL TELSTRA/COMMS PIT
- GA GAS METER
- MK GAS MARKER
- FENCE LINE
- UNDERGROUND SEWER (QL C)
- UNDERGROUND SEWER (QL D)
- UNDERGROUND ELECTRICITY (QL D)
- UNDERGROUND GAS MAIN (QL D)
- UNDERGROUND COMMS (QL D)
- UNDERGROUND WATER MAIN (QL D)
- UNDERGROUND STORMWATER PIPE (QL A)
- UNDERGROUND STORMWATER PIPE (QL D)
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- OVERALL SITE EXTENTS
- BOUNDARY LINE
- TOP & TOE OF BANKS

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

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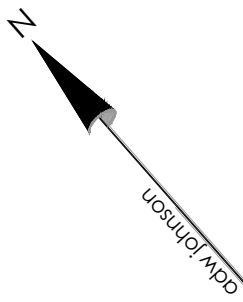
QL - 'C': INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MARKER PLATES OR WATER HYDRANTS AND ACQUIRED DIAL-BEFORE-YOU-DIG PLANS TO "DRAW" A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MULTIPLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE DIMENSIONAL INFORMATION.

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REFER TO LEGEND FOR QUALITY LEVEL CLASSIFICATIONS OF SERVICES.
ALL UTILITIES ARE QL - 'D' UNLESS OTHERWISE NOTED

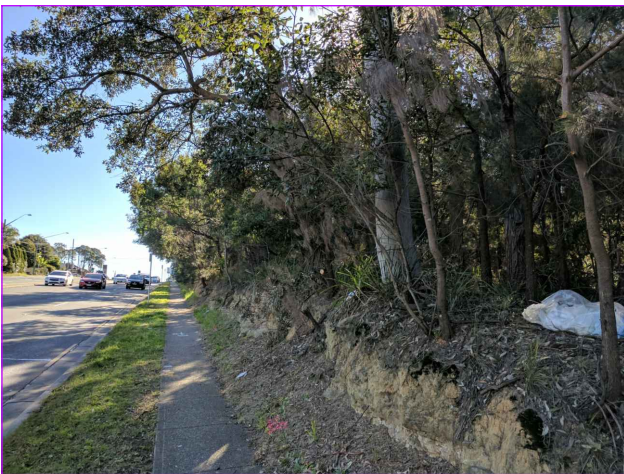
NOTES:-

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- BACKGROUND SURVEY INFORMATION HAS BEEN SOURCED FROM CONTOUR & DETAIL PLAN FROM LAND AND HOUSING CORPORATIONS REF. 8907/001/01, DATED 03/2007.



OTHER TITLE NOTIFICATIONS

- LOT 8 D.P.861433:
- IS SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.60(2) LOCAL GOV. ACT, 1919;
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PHOTOGRAPH 5

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PP	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND	DATUM: AHD	CONTOUR INTERVAL: 0.25m	6 OF 9
B	01.02.18	MGA ORIGIN ADDED					ORIGIN OF CO-ORDINATES: P.M.50023	ORIGIN OF LEVELS: P.M.50023		
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	DATE OF SURVEY 05.07.17			

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

drawing title:
PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
THE IVANHOE ESTATE
REDEVELOPMENT SITE

location: HERRING & EPPING
ROADS, MACQUAIRE
PARK.

council: RYDE

dwg ref: 300001-DET-004

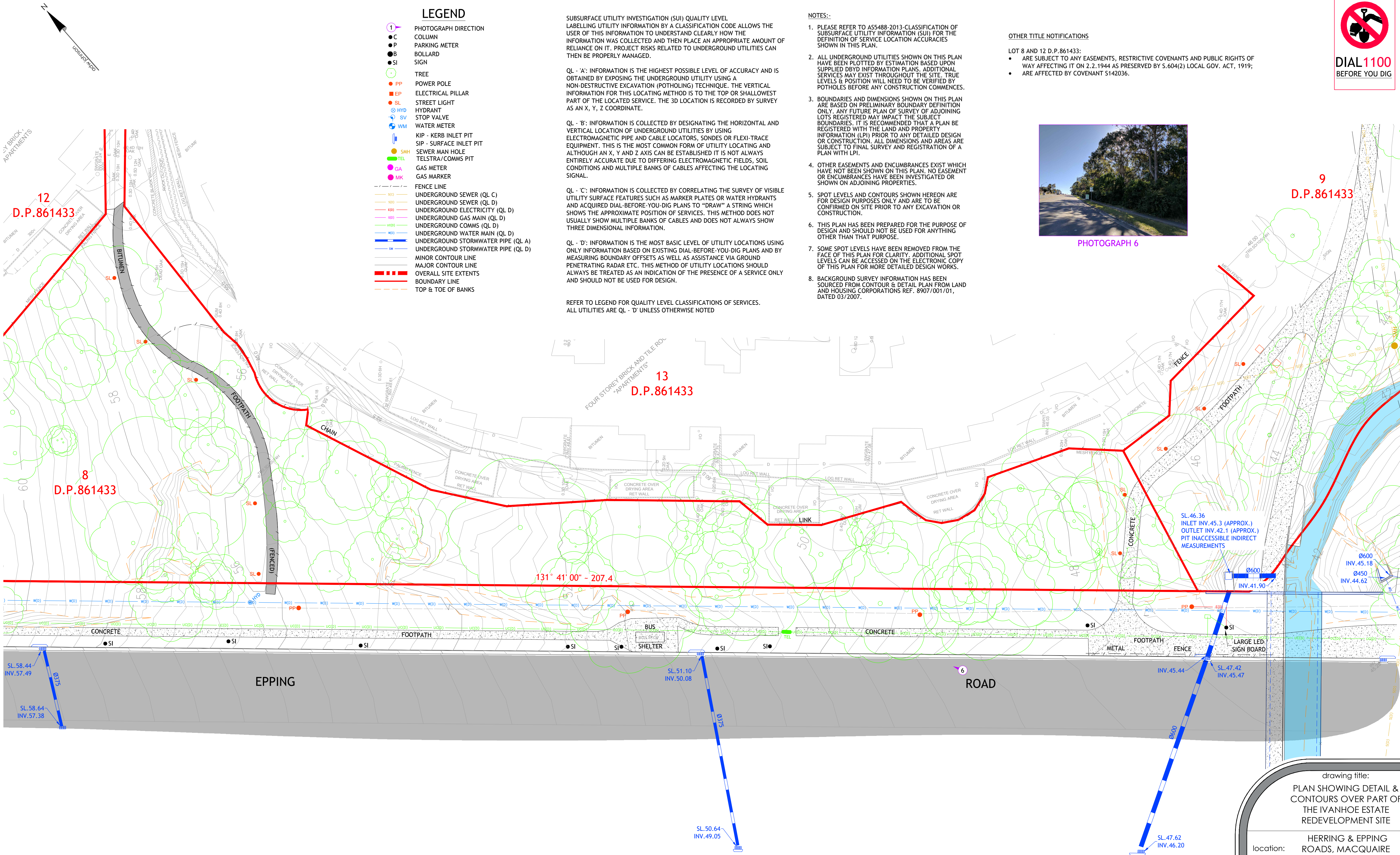
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sydney office ph: (02) 8046 7411

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LEGEND

- 1 PHOTOGRAPH DIRECTION
- C COLUMN
- P PARKING METER
- B BOLLARD
- SI SIGN
- TREE
- PP POWER POLE
- EP ELECTRICAL PILLAR
- SL STREET LIGHT
- HYD HYDRANT
- SV STOP VALVE
- WM WATER METER
- KIP - KERB INLET PIT
- SIP - SURFACE INLET PIT
- SMH SEWER MAN HOLE
- TEL TELSTRA/COMMS PIT
- GA GAS METER
- MK GAS MARKER
- FENCE LINE
- UNDERGROUND SEWER (QL C)
- UNDERGROUND SEWER (QL D)
- UNDERGROUND ELECTRICITY (QL D)
- UNDERGROUND GAS MAIN (QL D)
- UNDERGROUND COMMS (QL D)
- UNDERGROUND WATER MAIN (QL D)
- UNDERGROUND STORMWATER PIPE (QL A)
- UNDERGROUND STORMWATER PIPE (QL D)
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- OVERALL SITE EXTENTS
- BOUNDARY LINE
- TOP & TOE OF BANKS

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

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REFER TO LEGEND FOR QUALITY LEVEL CLASSIFICATIONS OF SERVICES.
ALL UTILITIES ARE QL - 'D' UNLESS OTHERWISE NOTED

NOTES:-

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OTHER TITLE NOTIFICATIONS

- LOT 8 AND 12 D.P.861433:
- ARE SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.604(2) LOCAL GOV. ACT, 1919;
 - ARE AFFECTED BY COVENANT 5142036.



PHOTOGRAPH 6

ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND ORIGIN OF CO-ORDINATES: P.M.50023 DATE OF SURVEY 05.07.17	DATUM: AHD ORIGIN OF LEVELS: P.M.50023 CONTOUR INTERVAL: 0.25m		7 OF 9
B	01.02.18	MGA ORIGIN ADDED								
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO				

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

drawing title:
PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
THE IVANHOE ESTATE
REDEVELOPMENT SITE

location: HERRING & EPPING
ROADS, MACQUAIRE
PARK.

council: RYDE

dwg ref: 300001-DET-004

client:

ASPIRE
CONSORTIUM



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LEGEND

- 1 PHOTOGRAPH DIRECTION
C COLUMN
P PARKING METER
B BOLLARD
SI SIGN
TREE
PP POWER POLE
EP ELECTRICAL PILLAR
SL STREET LIGHT
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SV STOP VALVE
WM WATER METER
KIP - KERB INLET PIT
SIP - SURFACE INLET PIT
SMH SEWER MAN HOLE
TEL TELSTRA/COMMS PIT
GA GAS METER
MK GAS MARKER
FENCE LINE
600 UNDERGROUND SEWER (QL C)
400 UNDERGROUND SEWER (QL D)
600 UNDERGROUND ELECTRICITY (QL D)
600 UNDERGROUND GAS MAIN (QL D)
600 UNDERGROUND COMMS (QL D)
600 UNDERGROUND WATER MAIN (QL D)
600 UNDERGROUND STORMWATER PIPE (QL A)
600 UNDERGROUND STORMWATER PIPE (QL D)
MINOR CONTOUR LINE
MAJOR CONTOUR LINE
OVERALL SITE EXTENTS
BOUNDARY LINE
TOP & TOE OF BANKS

SUBSURFACE UTILITY INVESTIGATION (SUI) QUALITY LEVEL LABELLING UTILITY INFORMATION BY A CLASSIFICATION CODE ALLOWS THE USER OF THIS INFORMATION TO UNDERSTAND CLEARLY HOW THE INFORMATION WAS COLLECTED AND THEN PLACE AN APPROPRIATE AMOUNT OF RELIANCE ON IT. PROJECT RISKS RELATED TO UNDERGROUND UTILITIES CAN THEN BE PROPERLY MANAGED.

QL - 'A': INFORMATION IS THE HIGHEST POSSIBLE LEVEL OF ACCURACY AND IS OBTAINED BY EXPOSING THE UNDERGROUND UTILITY USING A NON-DESTRUCTIVE EXCAVATION (POTHOLING) TECHNIQUE. THE VERTICAL INFORMATION FOR THIS LOCATING METHOD IS TO THE TOP OR SHALLOWEST PART OF THE LOCATED SERVICE. THE 3D LOCATION IS RECORDED BY SURVEY AS AN X, Y, Z COORDINATE.

QL - 'B': INFORMATION IS COLLECTED BY DESIGNATING THE HORIZONTAL AND VERTICAL LOCATION OF UNDERGROUND UTILITIES BY USING ELECTROMAGNETIC PIPE AND CABLE LOCATORS, SONDES OR FLEXI-TRACE EQUIPMENT. THIS IS THE MOST COMMON FORM OF UTILITY LOCATING AND ALTHOUGH AN X, Y AND Z AXIS CAN BE ESTABLISHED IT IS NOT ALWAYS ENTIRELY ACCURATE DUE TO DIFFERING ELECTROMAGNETIC FIELDS, SOIL CONDITIONS AND MULTIPLE BANKS OF CABLES AFFECTING THE LOCATING SIGNAL.

QL - 'C': INFORMATION IS COLLECTED BY CORRELATING THE SURVEY OF VISIBLE UTILITY SURFACE FEATURES SUCH AS MARKER PLATES OR WATER HYDRANTS AND ACQUIRED DIAL-BEFORE-YOU-DIG PLANS TO "DRAW" A STRING WHICH SHOWS THE APPROXIMATE POSITION OF SERVICES. THIS METHOD DOES NOT USUALLY SHOW MULTIPLE BANKS OF CABLES AND DOES NOT ALWAYS SHOW THREE DIMENSIONAL INFORMATION.

QL - 'D': INFORMATION IS THE MOST BASIC LEVEL OF UTILITY LOCATIONS USING ONLY INFORMATION BASED ON EXISTING DIAL-BEFORE-YOU-DIG PLANS AND BY MEASURING BOUNDARY OFFSETS AS WELL AS ASSISTANCE VIA GROUND PENETRATING RADAR ETC. THIS METHOD OF UTILITY LOCATIONS SHOULD ALWAYS BE TREATED AS AN INDICATION OF THE PRESENCE OF A SERVICE ONLY AND SHOULD NOT BE USED FOR DESIGN.

REFER TO LEGEND FOR QUALITY LEVEL CLASSIFICATIONS OF SERVICES.
ALL UTILITIES ARE QL - 'D' UNLESS OTHERWISE NOTED

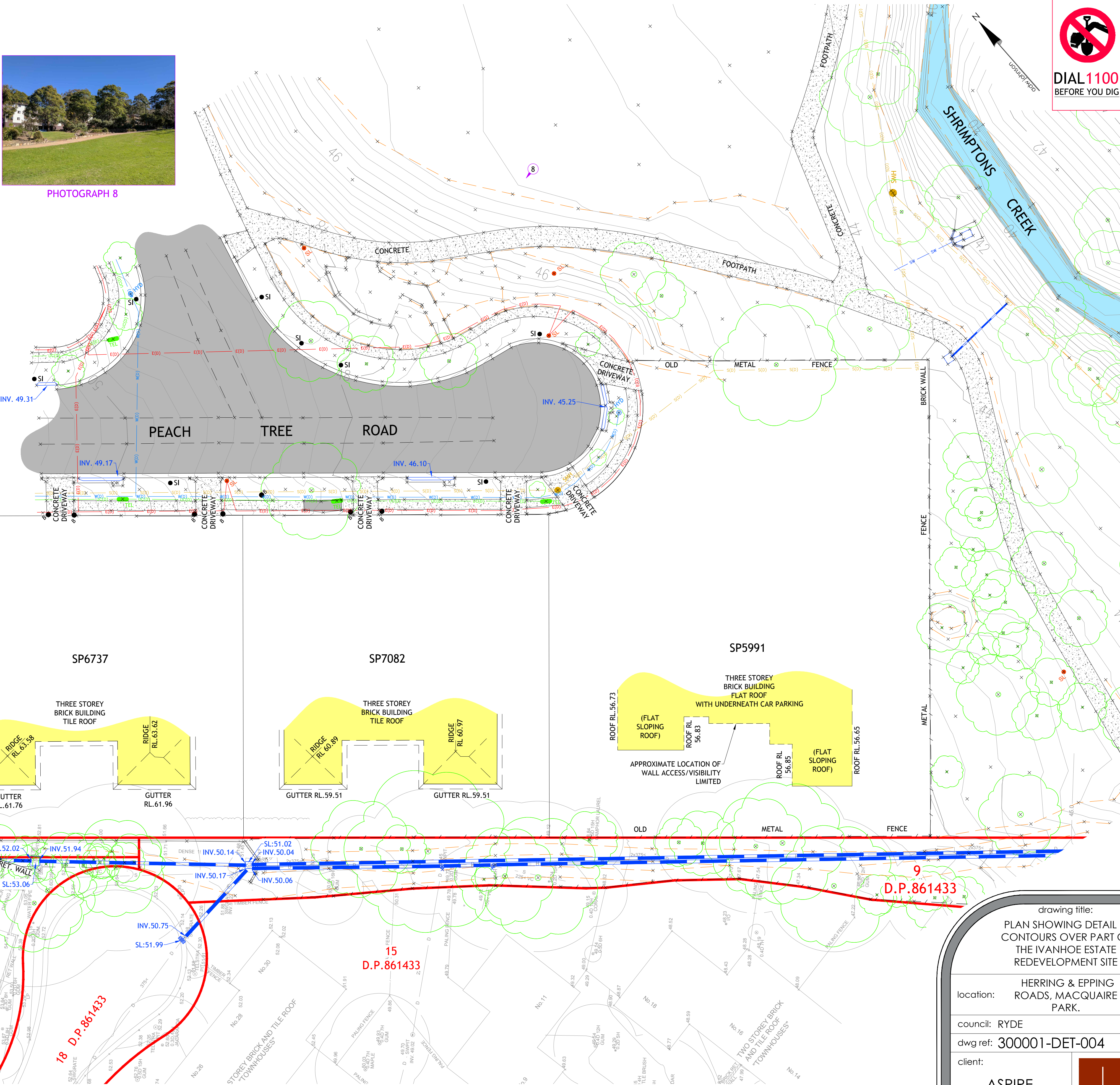
(F) EASEMENT TO DRAIN WATER VARIABLE WIDTH (D.P. 861433)

OTHER TITLE NOTIFICATIONS

- LOT 9 D.P.861433:
- IS SUBJECT TO ANY EASEMENTS, RESTRICTIVE COVENANTS AND PUBLIC RIGHTS OF WAY AFFECTING IT ON 2.2.1944 AS PRESERVED BY S.604(2) LOCAL GOV. ACT, 1919;
- LOTS 9, 10 & 17 D.P.861433:
- ARE AFFECTED BY COVENANT S142036



PHOTOGRAPH 8



ver.	date	comment	surveyed	drawn	checked	pm	co-ordinate information	level information	scale (A1 original size)	page
A	02.11.17	INITIAL ISSUE	DK/CG/PR	PB	CG	MO	CO-ORDINATE SYSTEM: MGA 56 GROUND	DATUM: AHD	0 5.0 10.0 12.5m	9 OF 9
B	01.02.18	MGA ORIGIN ADDED					ORIGIN OF CO-ORDINATES: P.M.50023	ORIGIN OF LEVELS: P.M.50023	SCALE: 1:250 (FULL)	
C	01.03.18	UPDATED DETAIL INFORMATION		PB	DH	MO	DATE OF SURVEY 05.07.17	CONTOUR INTERVAL: 0.25m		

- project management • civil engineering • infrastructure • superintendency • economic analysis • social impact • town planning • surveying • development feasibility • visualisation • urban design

WARNING
UNDERGROUND
ELECTRICITY LINES

WARNING
UNDERGROUND
OPTICAL FIBRE

drawing title:
PLAN SHOWING DETAIL &
CONTOURS OVER PART OF
THE IVANHOE ESTATE
REDEVELOPMENT SITE

location: HERRING & EPPING
ROADS, MACQUAIRE
PARK.

council: RYDE

dwg ref: 300001-DET-004

client:

ASPIRE
CONSORTIUM



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