PROPOSED 2 LOT SUBDIVISION Lot 2 (No.3) GRAHAM AVENUE, PYMBLE

SERVICE PLANS

GENERAL NOTES

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE LOCAL COUNCIL'S RELEVANT CIVIL CONSTRUCTION SPECIFICATION AND STANDARDS AND TO THE SATISFACTION OF COUNCIL'S AND/OR THE PRINCIPAL CERTIFYING AUTHORITY'S INSPECTOR OF WORKS. ANY DISCREPANCY, VARIATION OR ADDITIONAL WORKS SHALL BE APPROVED BY THE BUILDER'S REPRESENTATIVE BEFORE PROCEEDING WITH SUCH WORKS.
- THE LOCAL COUNCIL'S AND/OR THE PRINCIPAL CERTIFYING AUTHORITY'S INSPECTOR OF WORKS IS TO BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF WORKS. THE CONTRACTOR IS TO ESTABLISH THE INSPECTOR'S INSPECTION SCHEDULE REQUIREMENTS AND ENSURE THAT EACH IDENTIFIED STAGE OF WORKS IS ACCORDINGLY INSPECTED.
- THESE DRAWINGS ARE A DIAGRAMMATIC REPRESENTATION OF WORK TO BE CARRIED OUT ONLY AND DIMENSIONS ARE NOT TO
- ALL LEVELS SHALL BE OBTAINED FROM ESTABLISHED BENCH MARKS ONLY. DATUM USED ON THESE DRAWINGS IS AUSTRALIAN HEIGHT DATUM (AHD) UNLESS NOTED OTHERWISE.
- **EROSION AND SEDIMENT CONTROL**
- EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND TO THE SATISFACTION OF THE PRINCIPAL CERTIFYING AUTHORITY'S INSPECTOR OF
- EROSION CONTROL MEASURES ARE TO BE INSTITUTED PRIOR TO THE COMMENCEMENT OF ANY WORKS AND ARE TO BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF WORKS
- THE EXTENT OF DISTURBED SURFACES IS TO BE MINIMISED 5.3. AS MUCH AS PRACTICABLE DURING THE COURSE OF
- 5.4. ALL FOOTPATHS FILL BATTERS AND DISTURBED AREAS ARE TO BE TOPSOILED AND TURFED, OR STABILISED BY OTHER APPROVED MEANS AS SOON AS PRACTICABLE
- 6. ALL PUBLIC UTILITY SERVICES ARE TO BE LOCATED ON-SITE BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORKS ANY SERVICES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM INFORMATION SUPPLIED BY SURVEY PLANS AND/OR RELEVANT AUTHORITIES. THE PRESENCE. LOCATION AND EXTENT OF SERVICES SHOWN ARE NOT GUARANTEED COMPLETE OR CORRECT ANY ADJUSTMENTS OR REPAIRS REQUIRED TO SERVICES ARE TO BE UNDERTAKEN AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE RELEVANT AUTHORITY.
- NO TREES PROTECTED UNDER THE LOCAL COUNCIL'S TREE PRESERVATION ORDER ARE TO BE REMOVED UNLESS APPROVED BY DEVELOPMENT CONSENT OR PERMIT OBTAINED FROM
- THE CONTRACTOR IS TO ENSURE THAT ALL WORKS ARE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND
- THE CONTRACTOR IS TO OBTAIN FROM THE BUILDER AND BE AWARE OF THE RELEVANT CONDITIONS OF DEVELOPMENT CONSENT AND/OR CIVIL WORKS APPROVAL.

- 10. THE CONTRACTOR MUST ENSURE APPROVAL OF MATERIALS BY THE INSPECTOR OF WORKS PRIOR TO DELIVERY TO SITE.
- WORK INVOLVING THE USE OF MECHANICAL PLANT AND EQUIPMENT IS TO BE UNDERTAKEN ONLY DURING THE HOURS OF 7AM TO 6PM MON-FRI AND 8AM TO 1PM SATURDAYS WITH NO WORK PERMITTED ON SUNDAYS OR PUBLIC HOLIDAYS UNLESS AS OTHERWISE SPECIFIED BY THE LOCAL COUNCIL'S REQUIREMENTS
- 12. SMOOTH TRANSITIONS ARE TO BE PROVIDED BETWEEN ALL NEW WORKS AND EXISTING WORKS.
- WHERE FILL IS PROPOSED ON NATURAL SURFACE SLOPES EXCEEDING ONE (V) IN FOUR (H) (1:4) GRADIENT, BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF FILL MATERIAL AS REQUIRED BY THE LOCAL COUNCIL'S AND/OR THE PRINCIPAL CERTIFYING AUTHORITY'S INSPECTOR OF WORKS.
- ALL BATTERS ARE TO BE SCARIFIED TO ASSIST WITH ADHESION OF TOPSOIL TO THE BATTER FACE
- INSITU DENSITY TESTS ARE TO BE CARRIED OUT ON ALL SIGNIFICANT FILLS, ROAD SUBGRADES AND PAVEMENT COURSES AS DIRECTED BY THE INSPECTOR OF WORKS. ALL TESTS ARE TO BE CARRIED OUT BY A REGISTERED N.A.T.A. GEOTECHNICAL LABORATORY.
- ANY WORKS REQUIRING INTERFERENCE TO ADJOINING LOTS ARE TO BE CONSENTED TO IN WRITING BY THE OWNER OF THE RELEVANT LOT PRIOR TO THE COMMENCEMENT OF THOSE
- 17. UPON COMPLETION OF WORKS, ALL RUBBISH, CONSTRUCTION BUILDINGS AND FENCES ETC ARE TO BE REMOVED.
- 18 PRIOR TO THE COMMENCEMENT OF FARTHWORKS ALL VEGETATION AND OTHER DELETERIOUS MATERIALS ARE TO BE REMOVED. REMOVAL OF TREES REQUIRES APPROVAL FROM COUNCIL AND/OR THE INSPECTOR OF WORKS.
- 19. EXISTING TOPSOIL FROM THE SITE IS TO BE STRIPPED AND STOCKPILED FOR LATER RE-USE. REFER TO LANDSCAPING PLANS FOR ANY SPECIAL REQUIREMENTS
- 20 FOLLOWING STRIPPING THE EXPOSED SUBGRADE MATERIALS. ARE TO BE INSPECTED TO IDENTIFY ANY UNSOUND AREAS, SUCH AREAS TO BE REMOVED AND REINSTATED TO THE SATISFACTION OF THE INSPECTOR OF WORKS
- 21. THE CONTRACTOR IS RESPONSIBLE FOR SETOUT AND LEVEL CONTROL ANY DISCREPANCIES BETWEEN DESIGN DRAWINGS AND SITE CONDITIONS IS TO BE RESOLVED BY THE INSPECTOR OF WORKS PRIOR TO CONTINUING WORKS
- 22. ALL EARTHWORKS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH AS3798-2007. THE GEOTECHNICAL ENGINEER TO IS HAVE A LEVEL 2 RESPONSIBILITY AS DEFINED IN SECTION 8 OF AS 3798-2007 AND SHALL CERTIFY AT THE END OF THE WORKS THAT EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND DRAWINGS.
- PROVIDE SMOOTH TRANSITION AT ALL CHANGES IN GRADE UNLESS OTHERWISE SPECIFIED.
- THE PROJECT ARCHITECT IS TO INSPECT THE WORKS FOLLOWING COMPLETION OF BULK EARTHWORKS AND PRIOR TO COMMENCEMENT OF DETAIL EARTHWORKS.

CIVIL LEGEND PROPOSED IN CIVIL SITEWORKS PACKAGE HEREWITH FINISHED SURFACE LEVEL CH 3900 CENTRELINE CHAINAGE STORMWATER DRAINAGE LINE IL.5.0 INVERT LEVEL UPSTREAM 450Ø RCP '4' PIPE SIZE, MATERIAL AND CLASS 1.0% 10.0m PIPE GRADE AND LENGTH INVERT LEVEL DOWNSTREAM (P06) 🗏 🛛 STORMWATER DRAINAGE PIT WITH NUMBER (REFER STORMWATER DRAINAGE STRUCTURES SCHEDULE) STORMWATER DRAINAGE HEADWALL (REFER STORMWATER DRAINAGE STRUCTURES SCHEDULE) KERB ONLY DISH DRAIN KERB AND GUTTER ISOLATION JOINT DOWELLED CONSTRUCTION JOINT SAWN CONTRACTION JOINT DIRECTION OF OVERLAND FLOW CIVIL SITEWORKS SETOUT POINT DENOTES EXISTING UNDERGROUND TELSTRA SERVICE LINE DENOTES EXISTING UNDERGROUND WATER SERVICE LINE DENOTES EXISTING OVERHEAD **ELECTRICITY LINE** DENOTES EXISTING UNDERGROUND **GAS LINE** IMPORTANT: THE CONTRACTOR DIAL BEFORE

SHEET INDEX						
COVER SHEET & NOTES	SHEET D1					
SUBDIVISION PLAN	SHEET D3					
DETAIL PLAN - SERVICES SHEET No.1	SHEET D3					
DETAIL PLAN - SERVICES SHEET No.2	SHEET D4					
INTER ALLOTMENT DRAINAGE LONG SECTIONS	SHEET D5					

ISSUED FOR COUNCIL APPROVAL ISSUED FOR COUNCIL APPROVA 28.04.17 CS BK ISSUED FOR DEVELOPMENT APPLICATION 16.02.17 SJ BK ISSUED FOR REVIEW 02.09.16 CS

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IS TO MAINTAIN A CURRENT

DRAWINGS ON SITE AT ALL

SET OF "DIAL BEFORE YOU DIG"

ACOR Consultants (CC) Pty Ltd

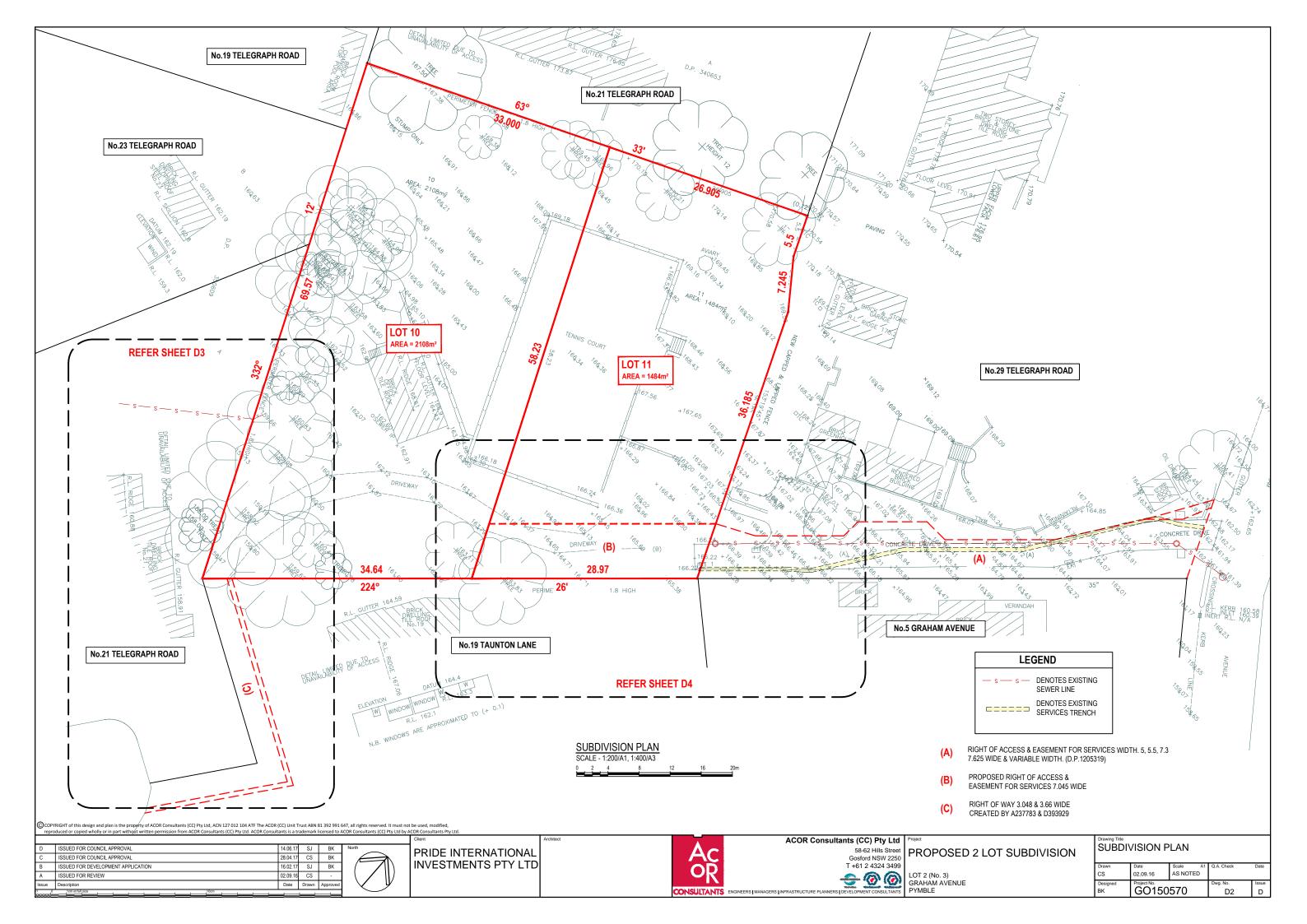
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58-62 Hills Stree Gosford NSW 225 T+61 2 4324 349

PROPOSED 2 LOT SUBDIVISION

GRAHÀM AVENUE

COVER SHEET & NOTES 02.09.16 AS NOTED GO150570

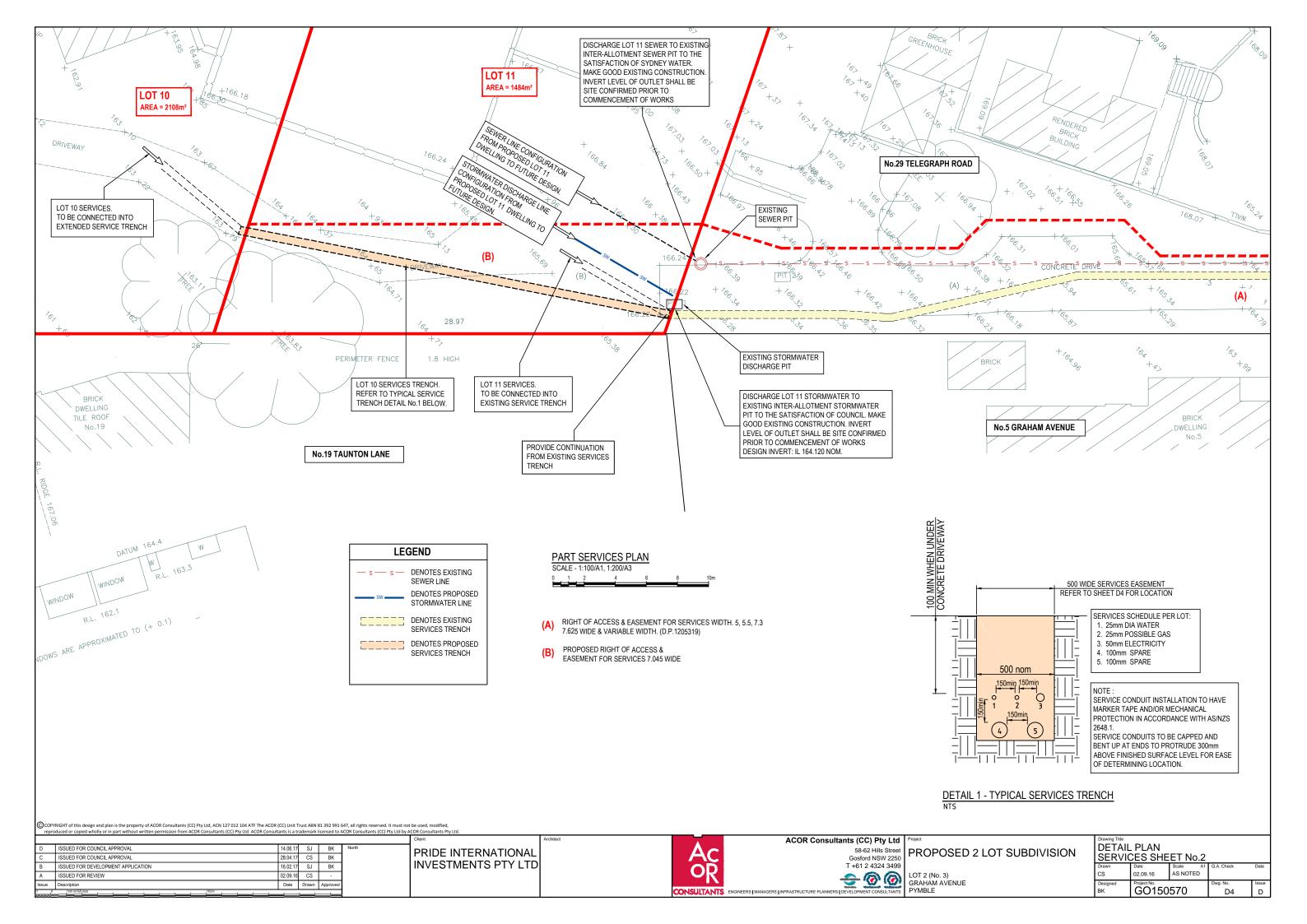


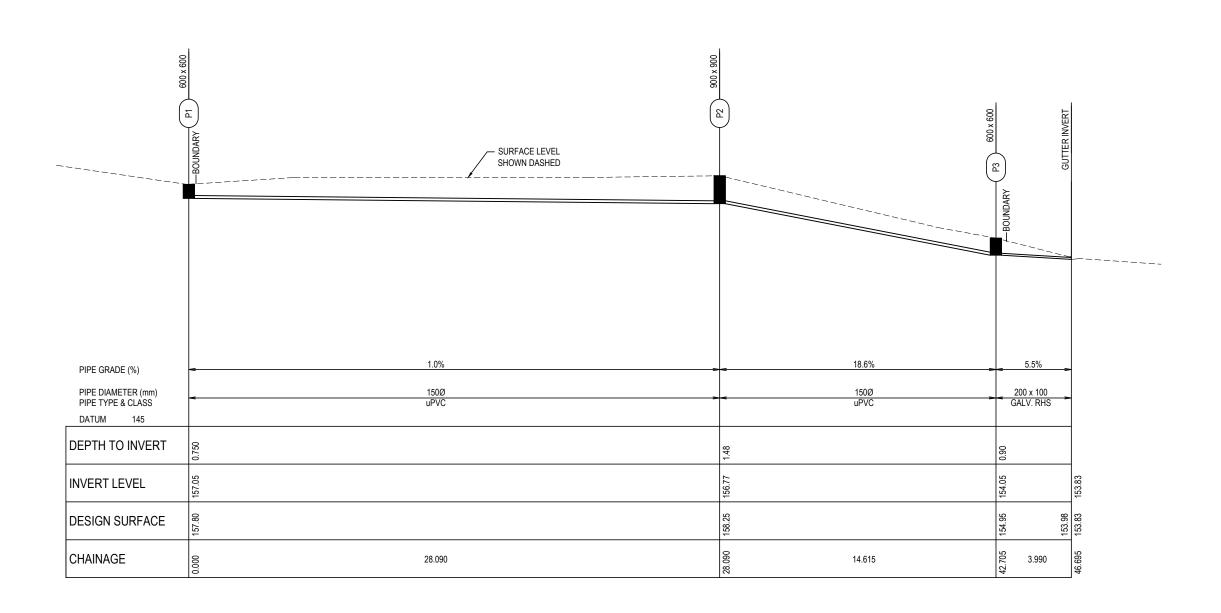
SEWER LINE CONFIGURATION LOCATION AND DEPTH OF ALL HORIZONTAL DIRECTION DRILLING NOTES SEWEK LINE CUNFIGURATION FROM PROPOSED LOT 10 DWELLING TO FUTURE DESIGN UNDERGROUND SERVICES TO BE INVESTIGATED WITH THE EXISTING 150 DIA. RELEVANT AUTHORITIES PRIOR SEWER LINE DESIGN DEPTHS OF HORIZONTAL DRILLING TO BE TO COMMENCING WORK PRIOR TO COMMENCEMENT OF WORKS, THE LOCATION OF 2. ALL SERVICES ARE TO BE VERIFIED WORKS TO BE UNDERTAKEN UNDER SUPERVISION OF PILOT TRENCH REQUIRED UPSTREAM 3. CONSULTING ARBORIST. TREE PROTECTION MEASURES TO HORIZONTAL DIRECTIONAL DRILLING OF THE WORK TO COMMENCE THE BE CARRIED OUT IN ACCORDANCE WITH KU-RING-GAI HORIZONTAL DIRECTIONAL DRILLING. SHOWN THUS: ALLOW FOR PILOT TRENCH COUNCIL SPECIFICATIONS. **EXISTING PROPERTY** FOR PROPOSED SEWER PIPES. 600mm 2.0m LONG x 1.2m WIDE x 1.2m DEEP CONNECTION POINT MIN COVER FROM EXISTING SURFACE FOR SEWER. LEVEL IL 158.570 PIT GRATE INLET TYPE **GRATE TYPE** TRAFFIC CONDITIONS PROVIDE BARRIER KERB TO DEFLECT OVERLAND **LOT 10** A - EXTRA FOOTWAYS AND AREAS ACCESSIBLE ONLY TO FLOWS AWAY FROM No. 21 TAUNTON STREET, PEDESTRIANS AND PEDAL CYCLISTS. AREA = 2108 LIGHT DUTY PYMBLE. BARRIER KERB TO EXTEND FULL LENGTH OF WESTERN BOUNDARY SHARED WITH No. 21 B - LIGHT DUTY FOOTWAYS THAT CAN BE MOUNTED BY VEHICLE TAUNTON STREET (APPROX. 70m LENGTH) AND TO BE 150mm MIN. HIGH ABOVE FINISHED GROUND LEVEL. C - MEDIUM DUTY MALLS AND PEDESTRIAN AREAS OPEN TO SLOW REFER TO DETAIL 'A' ON THIS SHEET. MOVING COMMERCIAL VEHICLES. D - HEAVY DUTY CARRIAGEWAYS OF ROADS AND AREAS OPEN TO COMMERCIAL VEHICLES. TABLE AS PER AS3996 - 2006. ENGINEER TO BE NOTIFIED IF LOAD CONDITIONS (P1) LISTED ABOVE ARE EXCEEDED. No.21 TELEGRAPH ROAD 34.64 PIT SCHEDULE TOP PIT No. TYPE **INVERT GRATE** CLASS D GRATED P1 600 x 600 157.80 157.05 INLET CLASS D SOLID P2 156.77 900 x 900 158.25 COVER CLASS D SOLID BRICK P3 600 x 600 154.95 154.05 COVER **DWFLLING** PROPOSED PIT SURFACE LEVELS AND INVERTS TO BE CONFIRMED ON SITE TILE ROOF PRIOR TO CONSTRUCTION No 19 1000 No.19 TAUNTON LANE 150mm MIN. HIGH MASONRY UNIT WITH MORTARED JOINTS 150mm DIA PIPE TO BE INSTALLED VIA 0 EXTEND BARRIER KERB ALONG HORIZONTAL DIRECTIONAL DRILLING EDGE OF RIGHT OF WAY TO 157.8 157.53 LINDER EXISTING DRIVEWAY DEFLECT OVERLAND FLOWS AWAY REFER TO LONG SECTION ON SHEET FROM No. 21 TAUNTON STREET. D3 FOR INVERT LEVELS. PYMBLE. TO BE 150mm MIN HIGH ABOVE FINISHED GROUND LEVEL. 157.47 DISCHARGE STORMWATER TO K & G TO THE SATISFACTION OF COUNCIL MAKE GOOD EXISTING CONSTRUCTION SAW CUT INTO EXISTING CONCRETE ELEVATION INVERT LEVEL OF OUTLET SHALL BE DRIVEWAY AS REQUIRED TO INSTALL SITE CONFIRMED PRIOR TO END OF CONCRETE OUTLET PIPE TO KERB. COMMENCEMENT OF WORKS LOCALLY HAND DIG LEVELLING PAD PILOT TRENCH REQUIRED UPSTREAM MATCH EXISTING LEVELS AND MAKE R.L. 162.1 DESIGN INVERT: IL 193.83 N.B. WINDOWS ARE APPROXIMATED TO (+ 0.1) FOR BEDDING COURSE. CARE TO BE OF THE WORK TO COMMENCE THE GOOD EXISTING CONSTRUCTION TO HORIZONTAL DIRECTIONAL DRILLING. TAKEN NOT TO SEVER ROOTS > 30mm CONCRETE DRIVEWAY AND KERB. ALLOW FOR PILOT TRENCH WITHIN CANOPY OF TREES 2.0m LONG x 1.2m WIDE x 1.2m DEEP DETAIL 'A' - SURFACE WATER DEFLECTION KERB SCALE - 1:5/A1, 1:10/A3 RIGHT OF WAY 3.048 & 3.66 WIDE CAPPED AND LAPPED FENCE CREATED BY A237783 & D393929 153_4 PART SERVICES PLAN 150 DIA. uPV00_175 SCALE - 1:100/A1, 1:200/A3 M1500 200 x 100 GALV. RHS 1% MIN. GRADE 152.72 ultants (CC) Pty Ltd, ACN 127 012 104 ATF The ACOR (CC) Unit Trust ABN 81 392 991 647, all yights ACOR Consultants (CC) Pty Ltd **DETAIL PLAN** ISSUED FOR COUNCIL APPROVAL 58-62 Hills Stree PRIDE INTERNATIONAL PROPOSED 2 LOT SUBDIVISION SERVICES SHEET No.1 ISSUED FOR COUNCIL APPROVA 28.04.17 CS Gosford NSW 225 INVESTMENTS PTY LTD T +61 2 4324 3499 ISSUED FOR DEVELOPMENT APPLICATION AS NOTED 02.09.16 ISSUED FOR REVIEW 02.09.16 CS GRAHÀM AVENUE

CONSULTANTS ENGINEERS | MAN

GO150570

D3





INTERALLOTMENT DRAINAGE LONG SECTION

HORIZONTAL SCALE - 1:100/A1, 1:200/A3 VERTICAL SCALE - 1:100/A1, 1:200/A3

D	ISSUED FOR COUNCIL APPROVAL	14.06.17	SJ	BK	North
С	ISSUED FOR COUNCIL APPROVAL	28.04.17	CS	BK	
В	ISSUED FOR DEVELOPMENT APPLICATION	16.02.17	SJ	BK	
Α	ISSUED FOR REVIEW	02.09.16	CS	-	
Issue	Description	Date	Drawn	Approved	
1 0	1cm at full size 10cm				

PRIDE INTERNATIONAL INVESTMENTS PTY LTD



ACOR Consultants (CC) Pty Ltd 58-62 Hills Street Gosford NSW 2250 T +61 2 4324 3499

PROPOSED 2 LOT SUBDIVISION

INTERALLOTMENT DRAINAGE LONG SECTION 02.09.16 AS NOTED

D5

Project No. GO150570

LOT 2 (No. 3) GRAHAM AVENUE PYMBLE