Jamie Hayne

PROPOSED SUBDIVISION **2 STEWART STREET KANDOS NSW 2848**

DRAWING SCHEDULE

39278-C00 COVER SHEET

39278-C01 LEVEL AND DETAIL SURVEY PLAN 39278-C02 PROPOSED SUBDIVISION PLAN

39278-C03 PROPOSED SEWER PLAN

39278-C04 PROPOSED SEWER SPECIFICATIONS
39278-C05 PROPOSED STORMWATER MANAGEMENT PLAN

39278-C06 PROPOSED STORMWATER SPECIFICATIONS

39278-C07 PROPOSED WATER PLAN

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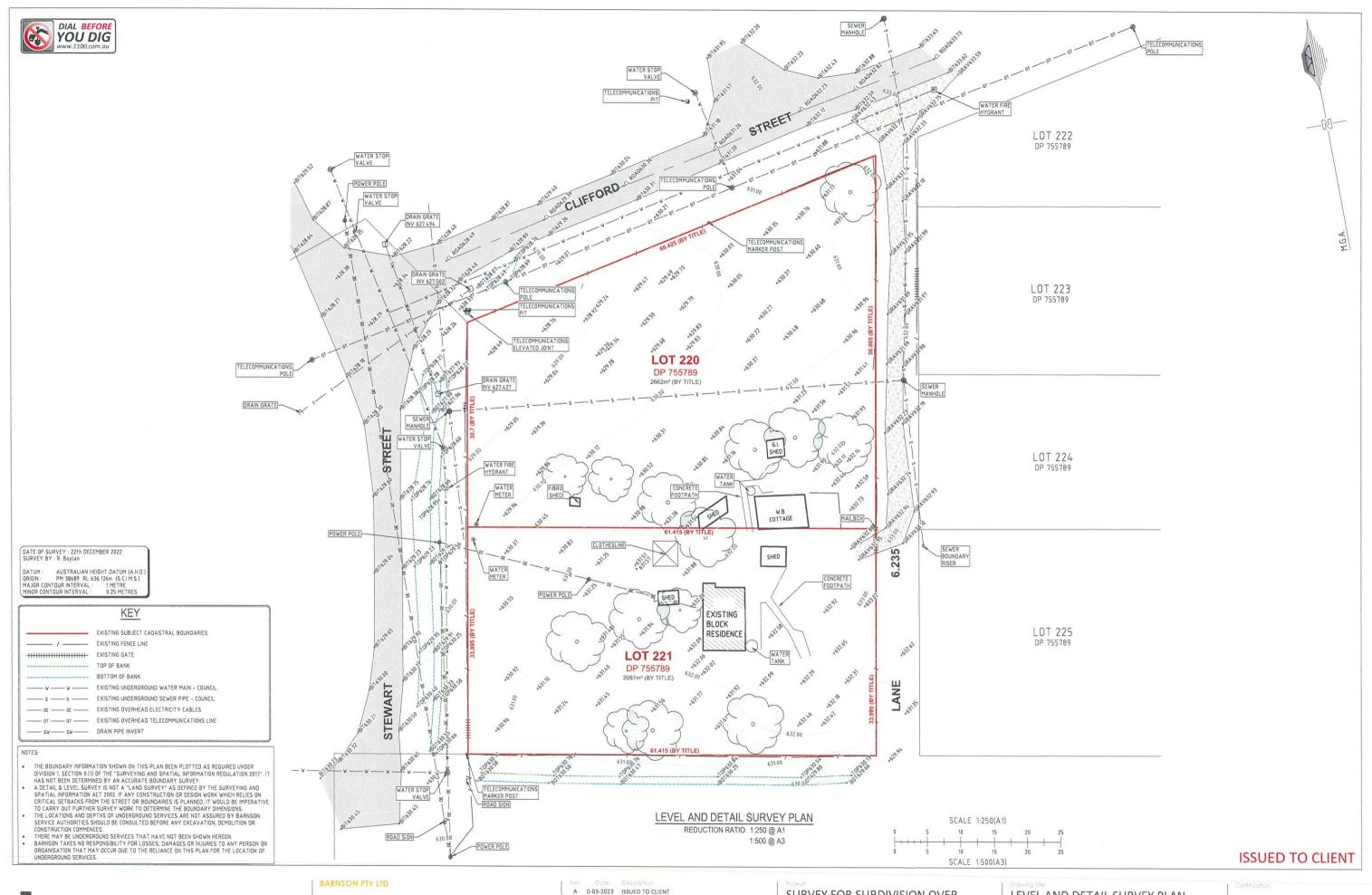
SURVEY FOR SUBDIVISION OVER LOTS 220 & 221 IN DP 755789

2 STEWART STREET KANDOS NSW 2848

Jamie Hayne

COVER SHEET

39278 C00





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mes Daximon is to se rean in Consultation with GENERAL BUILDING DEAMINGS SPECIFICATIONS & OTHER

COMMITTATION DEAMINGS APPLICABLE TO HIS PROJECT ALL DIMENSIONS IN WILLIAMSETS DO HOT SCALE. BUMPHION
TO A CHECKLOOP ONLY IN EXAMS CONSUMPREMANDED.

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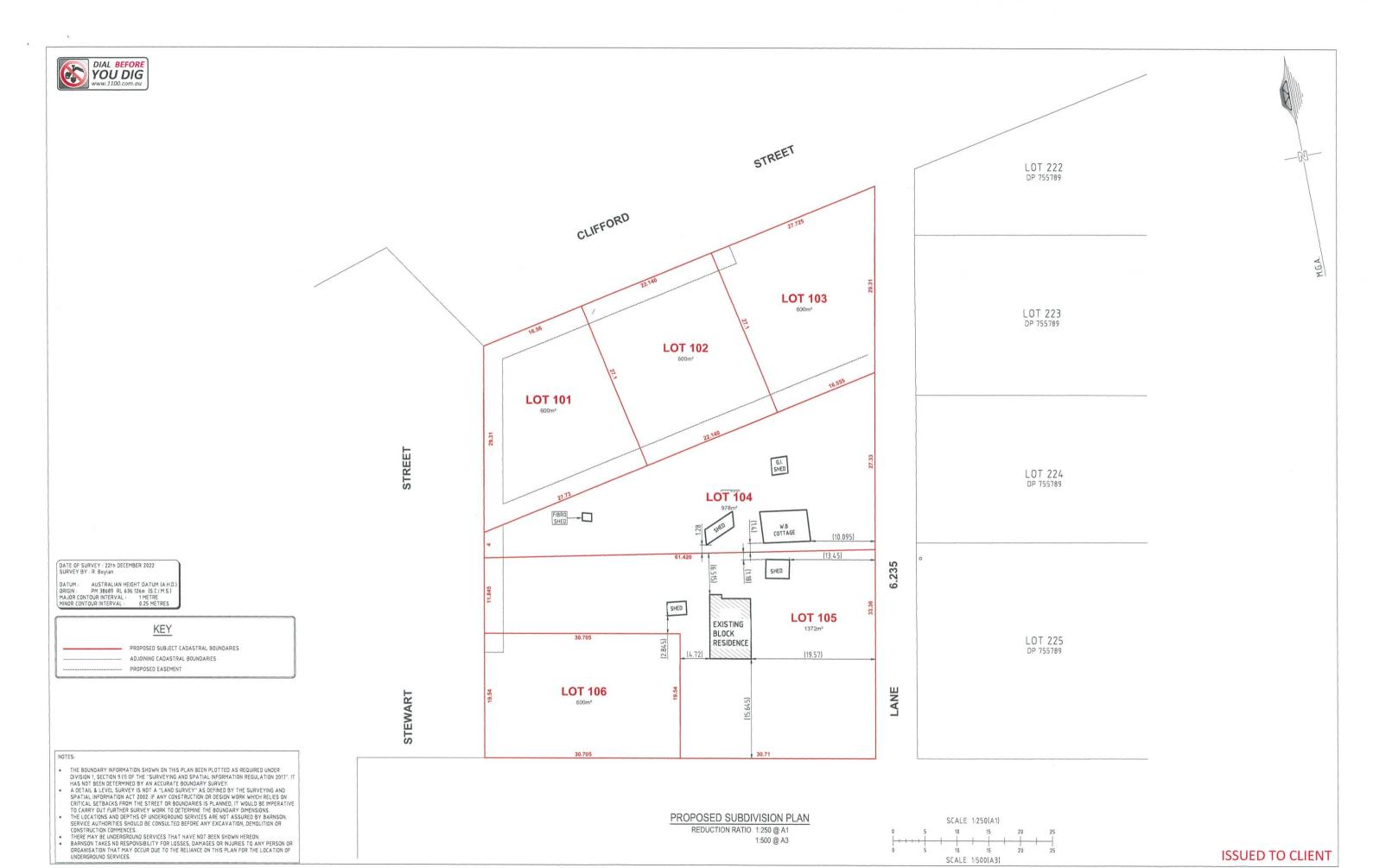
SURVEY FOR SUBDIVISION OVER
LOTS 220 & 221 IN DP 755789
SITE Address
2 STEWART STREET
KANDOS NSW 2848
Client
Jamie Hayne

Drawing fitte
LEVEL AND DETAIL SURVEY PLAN

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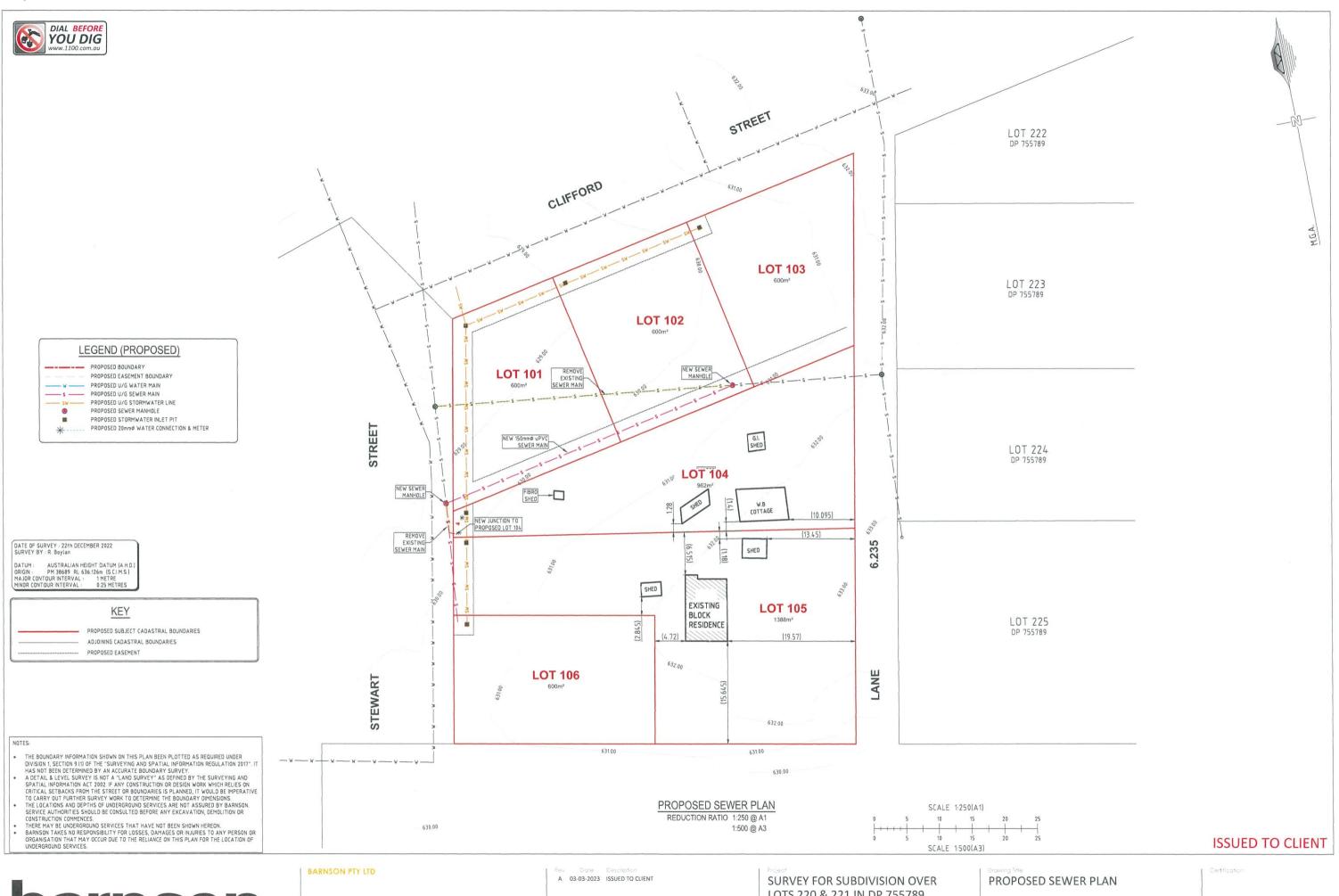
SURVEY FOR SUBDIVISION OVER LOTS 220 & 221 IN DP 755789

2 STEWART STREET KANDOS NSW 2848 Jamie Hayne

PROPOSED SUBDIVISION PLAN

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phone and the state of the stat generalenquiry@barnson.com.au LOTS 220 & 221 IN DP 755789

2 STEWART STREET

KANDOS NSW 2848

Jamie Hayne

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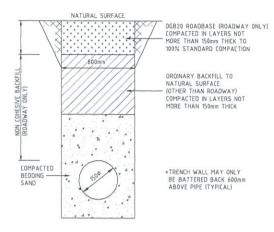


- ALL SEWER MAINS SHALL BE 150¢/225¢ CLASS SN8 RRJ UPVC PIPE. ALL GRAVITY LINES TO USE SEWER GRADE FITTINGS WHERE REQUIRED.
- 2. CONSTRUCTION OF SEWER MAINS AND MANHOLES SHALL BE CARRIED OUT IN ACCORDANCE WITH THE WSA SEWERAGE CODE, WSA-02, 2002.
- 3. ANY OTHER SERVICES INCLUDING TELSTRA, GAS, POWER, WATER AND STORMWATER MUST BE LOCATED BEFORE WORK COMMENCES.
- 4. MANHOLES SHALL BE PRECAST CONCRETE FROM A SUPPLIER APPROVED BY COUNCIL AND HAVE A ROUND REMOVABLE LIGHT DUTY GATIC COVER (UNO) AND A MINIMUM INTERNAL DIAMTER OF 1020mm.
- 5. 150mmø BOUNDARY RISERS SHALL BE PROVIDED TO EACH LOT TO BATHURST REGIONAL COUNCIL'S GUIDELINES FOR ENGINEERING WORKS.
- 6. RISERS AND SIDELINES TO BE CONSTRUCTED TO WSA-02 2002.
- 7. FLOW LINE CHANNELS AND INTERSECTIONS SHALL BE CONSTRUCTED THROUGH MANHOLES AS PER WSA-02 2002
- 8. ALL SEWER MAINS TO BE PRESSURE TESTED AS PER WSA-02 2002 AND MID-WESTERN REGIONAL COUNCIL'S GUIDELINES FOR ENGINEERING WORKS.

BEDDING NOTES

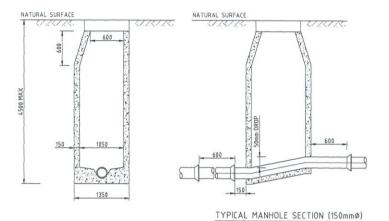
- THE MINIMUM DEPTH TO TOP OF PIPE SHALL BE 1000mm, EXCEPT UNDER ROAD PAVEMENT WHERE MINIMUM COVER TO TOP OF PIPE SHALL BE 1200mm MINIMUM UNLESS SHOWN OTHERWISE, PIPES WITH LESS COVER THAN THESE LIMITS TO BE CONCRETE ENCASED, UNDER PARKE AND DICL UNDER ROADS.
- 2 GRADES OF GRAVITY SEWER NOT TO BE FLATTER THAN 1:179 (0.55%) FOR 150mm DIAMETER PIPES AS PER WSA-2014.
- 3. MANHOLES SHALL BE PLACED AT EACH CHANGE IN DIRECTION OR GRADE OF THE PIPE LINE AT INTERVALS ALONG THE LINE NOT EXCEEDING

- 1. BEARINGS AND DISTANCES ARE BY TITLE AND/OR DEED ONLY. NO BOUNDARY INVESTIGATION HAS BEEN CARRIED OUT.
- SERVICES SHOWN HEREON HAVE BEEN DETERMINED FROM VISUAL EVIDENCE ONLY. PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ON THE SITE THE RELEVANT AUTHORITY SHOULD BE CONTACTED TO ESTABLISH DETAILED LOCATION AND DEPTH.
- 3. ALL HEIGHTS TO AHD (AUSTRALIAN HEIGHT DATUM).



TYPICAL TRENCH SECTION N.T.S.

* INSTALLATION OF UPVC PIPES SHALL TO CONFORM TO AS2032-1977 "INSTALLATION OF UPVC PIPE SYSTEMS", AS2566-1998 "BURIED FLEXIBLE PIPELINES", WSA-02 2002 AND MANUFACTURERS INSTRUCTIONS.



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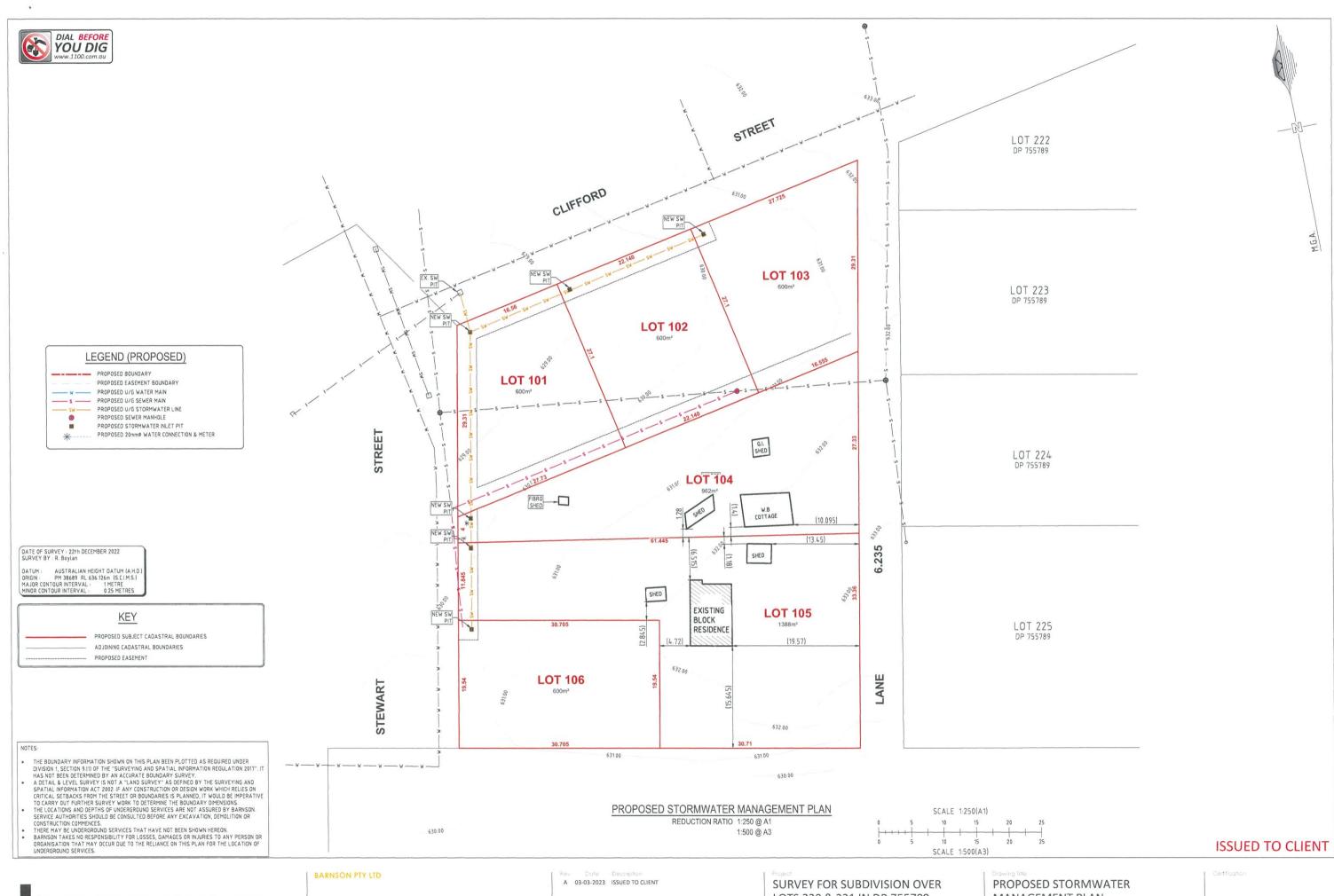
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PROPOSED SEWER SPECIFICATIONS

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COMUNICATION OF ##160 HIS TO BE TO B generalenquiry@barnson.com.au LOTS 220 & 221 IN DP 755789

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2 STEWART STREET KANDOS NSW 2848 MANAGEMENT PLAN

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STORMWATER NOTES

- CONTRACTOR IS TO ADEQUATELY INFORM HIMSELF AS TO THE DEPTH AND LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- PIPE IS TO BE LAID AT UNIFORM GRADE BETWEEN INVERT LEVELS SHOWN WITH MINIMUM COVER MAINTAINED UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT.
- 3. MINIMUM COVER OVER ALL PIPES IN NON-TRAFFICABLE AREAS TO BE 450mm UNO. MINIMUM COVER OVER ALL PIPES IN TRAFFICABLE AREAS TO BE 600mm UNO. WHEN THIS CRITERIA CANNOT BE ACHIEVED, PIPES TO BE ENCASED IN 150 CONCRETE.
- 5 ALL CONNECTIONS TO EXISTING DRAINAGE PITS SHALL BE MADE IN A TRADESMAN-LIKE MANNER AND THE INTERNAL WALL OF THE PIT AT THE POINT OF ENTRY SHALL BE CEMENT RENDERED TO ENSURE A SMOOTH FINISH.
- 6.PRECAST PITS MAY BE USED AS APPROVED BY THE SUPERINTENDENT.
- 7.ALL PIPES SHALL BE RUBBER RING JOINTED CLASS '2' UNLESS NOTED OTHERWISE.

COMPACTION OF BACKFILL

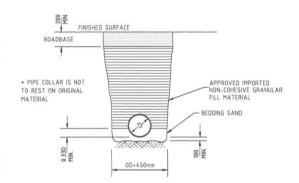
BEDDING SAND SHALL BE GRANULAR MATERIAL HAVING A LOW PERMEABILITY AND HIGH STABILITY WHEN SATURATED, CONFORMING TO THE GRADING LIMITS FOR BEDDING SAND AS INDICATED IN THE CONTRACT DOCUMENTS. BEDDING SAND SHALL BE COMPACTED TO A DENSITY INDEX OF 70% AS DETERMINED IN ACCORDANCE WITH AS1289.

2. APPROVED IMPORTED GRANULAR FILL

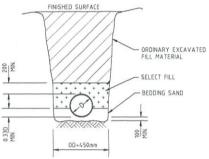
ONLY IMPORTED GRANULAR FILL MATERIAL APPROVED BY THE SUPERINTENDENT SHALL BE USED. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 150mm THICK TO A DRY DENSITY OF 5% OF THE STANDARD MAXIMUM DRY DENSITY OF THE MATERIAL AND WITH A MOISTURE CONTENT NO MORE THAN 1% ABOVE OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.

3. ORDINARY EXCAVATED FILL MATERIAL

ORDINARY EXCAVATED FILL MATERIAL IS EXCAVATED TRENCH MATERIAL THAT IS FREE OF VEGETABLE MATTER, HUMUS, LARGE CLAY LUMPS AND ROCK BOULDERS. THIS FILL MATERIAL SHALL BE COMPACTED IN LAYERS NOT EXCEEDING 300mm THICK, TO A DENSITY OF 90% OF THE STANDRAD MAXIMUM DRY DENSITY OF THE MATERIAL WITH A MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH AS1289.



TYPICAL SECTION - TRENCH IN ROADWAY

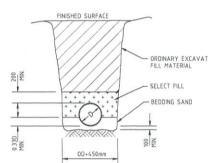


TYPICAL SECTION - EARTH FOUNDATION TRENCH

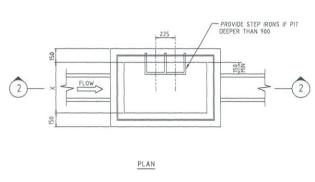
- 2. WATER & SEWER LINE INSTALLATION PRIOR TO BACKFILL.
- 3. ESTABLISHMENT OF LINE & LEVEL FOR KERB & GUTTER PLACEMENT.
- 4. ROAD PAVEMENT CONSTRUCTION
- 5. ROAD PAVEMENT SURFACING.
- 6. PRACTICAL COMPLETION.

SERVICES INSTALLATION

INSTALLATION OF ALL UUNDERGROUND PIPES BE INSTALLED PRIOR TO INSTALLATION OF ROAD PAVEMENT.



COVER (WITH SUITABLE LIFTING HOLES)
OR GRATE & FRAME AS SPECIFIED //24/24/24/24/ COVER TO INSIDE FACE)
IF PIT DEEPER THAN 1500 480 MASS CONCRETE BENCHING - 150



PIT DIMENSIONS		
DEPTH	X	Υ
D<600	450	450
D<1000	600	600
D<1500	600	900
1500<0<2400	900	900
D>2400	750	1200

SECTION 2

GRATED INLET PIT

INSPECTION HOLD POINTS

- 1. INSTALLATION OF SEDIMENT & EROSION CONTROL MEASURES.

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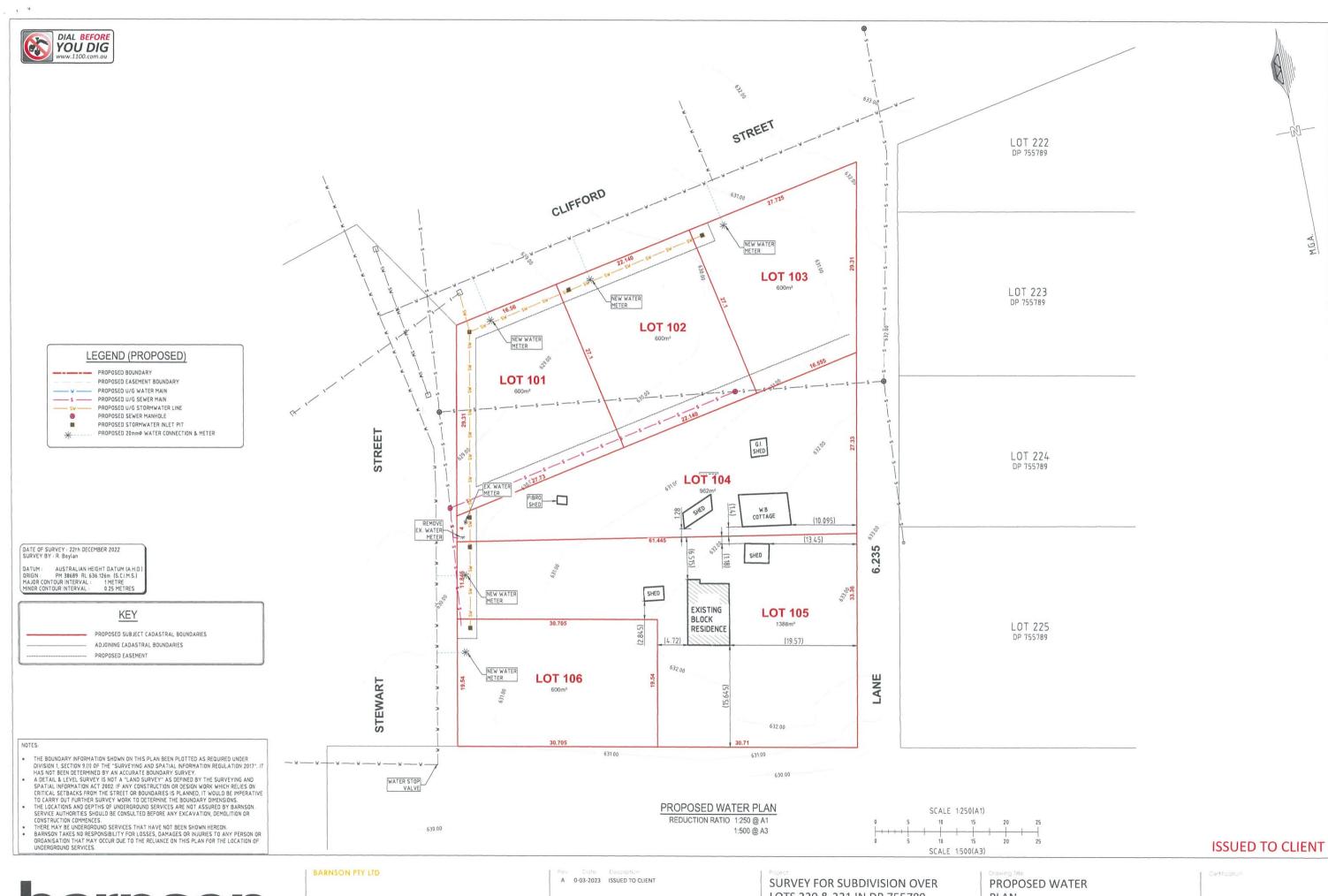
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Jamie Hayne

PROPOSED STORMWATER **SPECIFICATIONS**

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