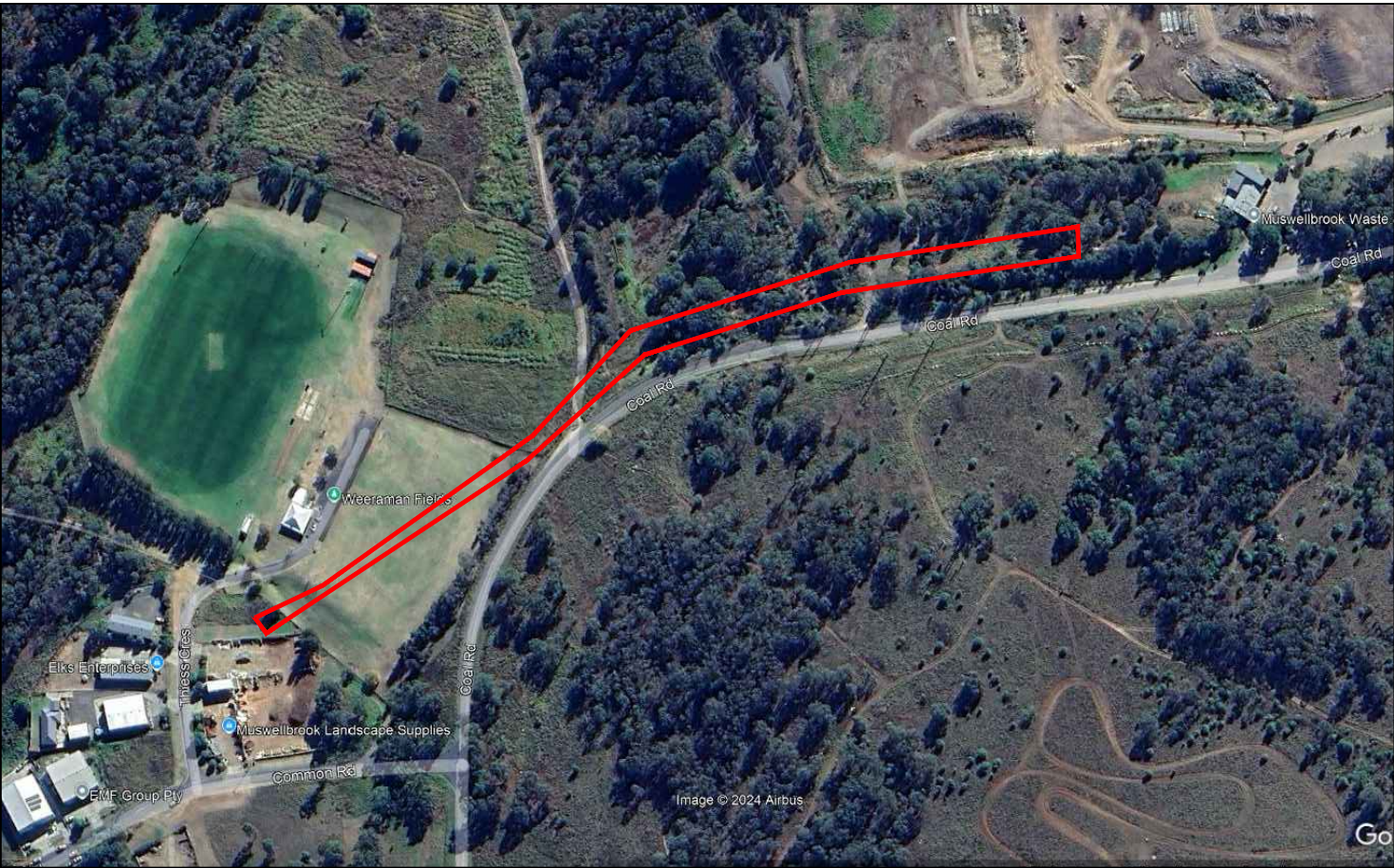


SEWER EXTENSION WORKS


TO SERVICE PROPOSED MUSWELLBROOK COUNCIL WORKS DEPOT COAL ROAD, MUSWELLBROOK

SHEET INDEX

| | |
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LOCATION: N.T.S

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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION COVER SHEET LOCATION PLAN | | SCALE: | | PLAN ISSUE | | 10.10.2024 |
| MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN <i>Surveying the Hunter since 1920</i> Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337 | |  | | DESIGN: M. COLE DRAWN: M. COLE | | ORIGINAL DRAWING SIZE: A1 | | A | ISSUE TO COUNCIL | REV: A |
| | | | | | | LGA: MUSWELLBROOK | | | | |
| | | | | | | FILE: 224177_DES_SEWER | | | | JOB REF: |
| | | | | | | SHEET: COVER-001 | | | | 224177 |

GENERAL

CG1. THE INFORMATION CONTAINED ON THESE DRAWINGS IS FOR CIVIL ENGINEERING PURPOSES ONLY. ALL DISCREPANCIES WITH OTHER CONSULTANTS DOCUMENTATION THAT COULD RESULT IN CHANGES TO THE CIVIL ENGINEERING DETAILS SHALL BE REFERRED TO THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

CG2. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATIONS FOR THESE WORKS AND/OR AS DIRECTED BY THE SUPERINTENDENT.

CG3. SERVICES INFORMATION SHOWN ON THESE PLANS IS FOR INFORMATION PURPOSES ONLY AND SHALL NOT BE RELIED UPON BY ANY PERSONS USING THESE PLANS. IT REMAINS THE RESPONSIBILITY OF THE CONTRACTOR OR ANY OTHER PERSONS TO LOCATE AND LEVEL ALL EXISTING SERVICES AND UTILITIES PRIOR TO COMMENCING ANY WORKS ON THE SITE AND TO PROTECT AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE AND/OR ADJUST IF NECESSARY.



CG4. CONTRACTOR IS NOT TO ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE PERMISSION OF THE OWNER AND SUPERINTENDENT.

CG5. CONTRACTOR SHALL CLEAR THE SITE BY REMOVING ALL RUBBISH, FENCES AND DEBRIS, ETC. TO THE EXTENT SPECIFIED.

CG6. THE SITE SHALL BE KEPT CLEAN AND CLEAR OF RUBBISH AT ALL TIMES. RUBBISH STORAGE AREAS DISPOSAL AREAS SHALL BE KEPT CLEAR DRAINAGE PATHS

CG7. ALL SITE REGRADING AREAS SHALL BE FINALLY GRADED AND SEED AS SOON AS PRACTICABLE AFTER FORMATION TO THE SATISFACTION OF THE SUPERINTENDENT.

CG8. SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED OR REMOVED FROM SITE.

CG9. ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING.

CG10. ANY QUANTITIES GIVEN ARE FOR GUIDANCE ONLY.

CG11. ANCILLARY CONCRETE WORKS SHALL BE AS DETAILED ON THE DRAWINGS. FOR QUALITY OF CONCRETE AND CONCRETE WORK GENERALLY REFER TO LOCAL COUNCIL CONSTRUCTION SPECIFICATION AND THE RELEVANT AUSTRALIAN STANDARD.

SURVEY

SU1 COORDINATES MGA 2020

SU2. DATUM AHD

SU3. ALL CHAINAGES ARE IN METRES

DEMOLITION

1. ASBESTOS IF ANY SHALL BE REMOVED BY LICENSED CONTRACTOR TO AN APPROVED FACILITY AND HYGIENIST CLEARANCE CERTIFICATE PROVIDED PRIOR TO GENERAL SITE DEMOLITION.

2. DOCUMENTATION OF LEGAL DISPOSAL OF ASBESTOS SHALL BE PROVIDED TO THE SUPERINTENDENT

3. RECORDS OF LOCATION AND VOLUMES DISPOSAL OF ALL DEMOLITION MATERIALS ARE TO BE PROVIDED TO THE SUPERINTENDENT.

4. DEMOLITION MATERIALS SHALL BE SENT TO RECYCLE CENTER WHERE EVER POSSIBLE IN PREFERENCE TO LAND FILL.

EARTHWORKS

1. EROSION AND SEDIMENTATION CONTROL SHALL BE IN PLACE AND APPROVED PRIOR TO ANY SITE DISTURBANCE

2. CLEAR VEGETATION, RUBBISH, SLABS, FENCES etc. AND REMOVE FROM SITE.

3. STRIP TOPSOIL AVERAGE 100mm THICK WHICH SHALL BE RETAINED ON SITE AND UTILISED EFFECTIVELY TO ENCOURAGE APPROPRIATE RE VEGETATION.

4. EXCESS FILL SHALL BE STOCKPILED ON SITE IN A LOCATION AS AGREED WITH SUPERINTENDENT

5. ALL REGRADE FILL AREAS ON SITE ARE TO BE COMPACTED AND TOP SOILED TO MINIMUM DEPTH OF 100mm

6. FILLING IS TO BE OF SOUND VENEM MATERIAL, REASONABLE STANDARD AND FREE FROM LARGE ROCKS, STUMPS, ORGANIC MATTER AND OTHER DEBRIS.

7. PLACING OF FILLING ON THE PREPARED AREAS SHALL NOT COMMENCE UNTIL THE AUTHORITY TO DO SO HAS BEEN OBTAINED FROM SUPERINTENDENT OR GEOTECHNICAL ENGINEER.

8. TRECHES TO BE LEVEL WITH AJOINING GROUND LEVELS AND ARE TO BE SEEDED AS SOON AS PRATICABLE. EXECPT ACROSS SPORTS FIELD WHICH SHALL BE FULL TURFED AND ROLLED TO CREATE SMOOTH SURFACE.

9. ALL FENCES TO BE RE INSTATED TO PRE CONSTRUCTION STANDARD AT COMPLETION OF WORKS.

CONCRETE NOTES

GENERAL

1. CARRY OUT ALL CONCRETE WORK IN ACCORDANCE WITH NATSPEC 0139 MINOR CONCRETE WORKS.

2. VERIFY ALL SETTING OUT DIMENSIONS - IF IN DOUBT ASK

3. DO NOT OBTAIN DIMENSIONS BY SCALING THE DRAWINGS.

4. MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 32MPa UNLESS OTHERWISE SHOWN

5. CEMENT SHALL BE GP PORTLAND CEMENT IN ACCORDANCE WITH AS3972 AND BLENDED CEMENTS. NO ADMIXTURES WILL BE USED WITHOUT APPROVAL

6. AGGREGATE AND SAND SHALL BE CLEAN, HARD AND DURABLE IN ACCORDANCE WITH AS 2758.1 CONCRETE AGGREGATES (100% PASSING THE 20mm SIEVE)



7. CLEAR COVER TO ANY REINFORCEMENT NEAREST TO THE CONCRETE SURFACE SHALL BE 50mm.

GEOTEXTILE FABRIC

1. GEOTEXTILE (GEOFABRIC) SHALL BE IN ACCORDANCE WITH AS3706 .

ORIGINAL DRAWINGS ARE IN COLOUR

1. ONLY USE PLANS THAT ARE IN COLOUR.

| | | | | | | | | | | |
|--|--|---|--|---|--|---|--|------------------------|--|------------|
| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION OVERALL GENERAL ARRANGEMENT | | SCALE: 1:250 ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
| <div>MM HYNDES BAILEY & Co.</div> <div>REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN</div> <div>Surveying the Hunter since 1920</div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au</div> <div>132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> <div></div> | | <div></div> | | | | A | | ISSUE TO COUNCIL | | REV: A |
| | | | | LGA: MUSWELLBROOK | | | | | | |
| | | | | DESIGN: M. COLE | | DRAWN: M. COLE | | FILE: 224177_DES_SEWER | | JOB REF: |
| | | | | | | | | SHEET: SEW-001 | | 224177 |

GENERAL INSTRUCTIONS

- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
- THE SITE SUPERINTENDENT WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS INSTRUCTED IN THIS SPECIFICATION.
- ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

CONSTRUCTION SEQUENCE

- THE SOIL EROSION POTENTIAL ON THIS SITE IS TO BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :-
 - INSTALL SEDIMENT FENCES
 - CONSTRUCT OPEN SWALES TO DIVERT WATER FROM SITE AS NECESSARY AND DIRECTED BY THE SITE SUPERINTENDENT.
 - CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT.
 - INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
 - UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

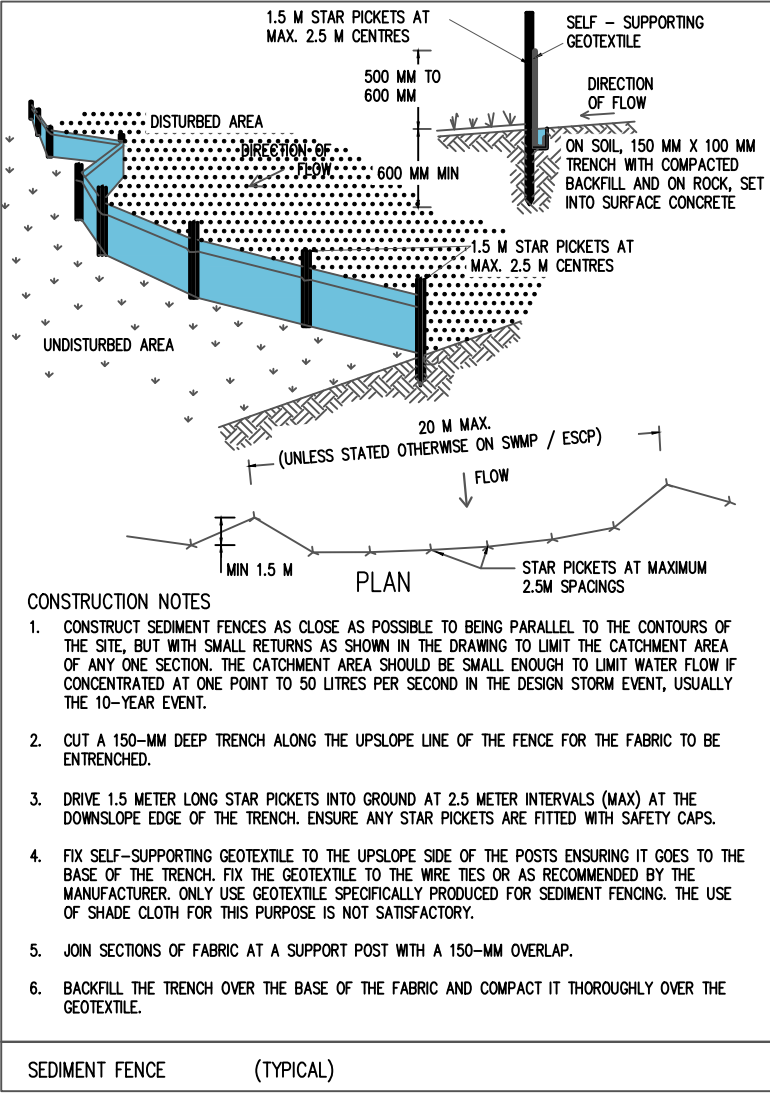
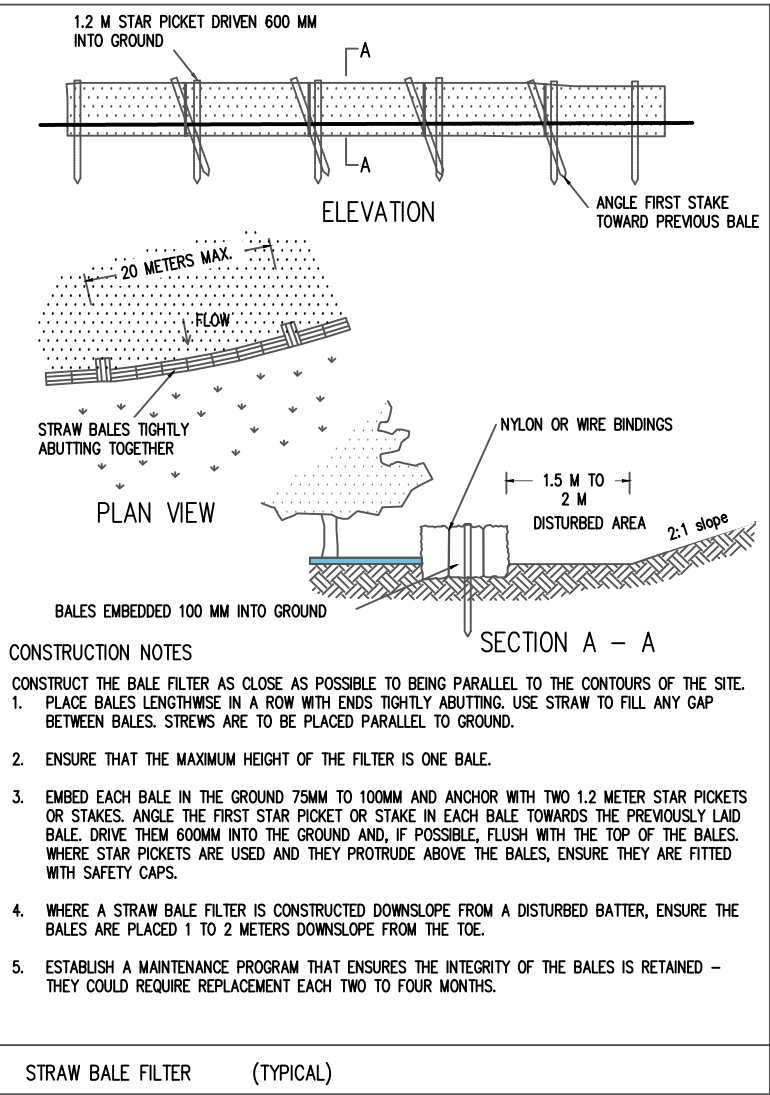
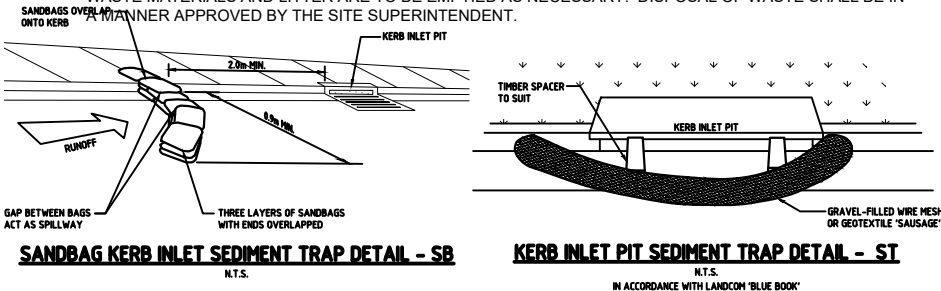
- STOCKPILE SITE SHALL BE AGREE UPON WITH SUPERINTENDENT AND WILL NOT BE LOCATED NEAR HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. INSTALLATION OF SEDIMENT FENCING SHALL BE UNDERTAKEN ON THE DOWN HILL SIDE OF STOCKPILES .
- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
 - PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE.
 - ENSURING THAT NOTHING IS NAILED TO THEM.
 - PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
 - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER.
 - A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH.
 - CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY AND NOT TO COMPACT THE SOIL AROUND THEM.

SITE INSPECTION & MAINTENANCE

- RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN AN APPROVER APPROVED BY THE SITE SUPERINTENDENT.




SEDIMENTATION AND EROSION CONTROL

- SE1. LAND DISTURBANCE SHALL BE LIMITED TO THAT NECESSARY FOR IMPLEMENTATION OF THE PLANS OF WORK AND LANDS NOT TO BE DISTURBED SHALL BE CLEARLY MARKED WITH BARRIER FENCES. SEDIMENT FENCING AND STRAW BALE FILTER SHALL BE PLACED AT REGULAR INTERVALS IMMEDIATELY DOWN SLOPE OF ALL UNPROTECTED DISTURBED LANDS
- SE2. INSTALL SEDIMENT FENCING AND STRAW BALE FILTER IN ACCORDANCE WITH DETAILS ABOVE AND LOCAL COUNCIL REQUIREMENTS.
- SE3. THE LOCATION OF "SILT" FENCES, SEDIMENT FENCES STRAW BALE FILTER AND OTHER DEVICES SHALL BE DETERMINED ON SITE IN CONJUNCTION WITH THE SUPERINTENDENT. VARIATIONS ARE PERMITTED TO BEST SUIT THE CIRCUMSTANCES
- SE4. INSTALL TEMPORARY CONSTRUCTION VEHICLE EXIT IN ACCORDANCE WITH TYPICAL DETAILS
- SE5. STRIP VEGETATION FROM ALL CUT AREAS AND DISPOSE OFF SITE
- SE6. STRIP TOPSOIL FROM ALL CUT AREAS AND STOCKPILE ON SITE
- SE7. EXCAVATE ALL CUT AREAS AND PLACE COMPACTED FILL WHERE REQUIRED.
- SE8. ALL ADJACENT LANDSCAPE AREAS ARE TO BE STABILISED AND VEGETATED WITHIN 20 DAYS OF COMPLETION.
- SE9. EXCAVATE, LAY AND BACKFILL DRAINAGE LINES. OPEN TRENCH LENGTHS ARE NOT TO EXCEED 25 METRES. WHERE TRENCHES ARE OPEN OVER NIGHT, DIVERT POTENTIAL SURFACE WATER TO A SAFE LOCATION.WITH CONTROL MEASURES.
- SE10. JUTE MESH TO TABLE DRAINS SHALL BE SECURED IN ACCORDANCE WITH MANUFACTURES SPECIFICATION,

NOTE: WHEREVER SEDIMENT AND EROSION CONTROL DEVICES ARE REMOVED EARLIER IN THE CONSTRUCTION SEQUENCE THAN AS SPECIFIED ABOVE, ENSURE THAT THE DISTURBED GROUND IS RE-VEGETATED TO REDUCE THE LIKELIHOOD OF EROSION AND SEDIMENT TRANSPORT FROM THE SITE. ENSURE ALSO THAT SEDIMENT LADEN WATER CAN STILL REACH SEDIMENTATION BASINS FOR TREATMENT.

SEDIMENT RUN-OFF CONTROL

- RC1. THE CONTRACTOR SHALL INSTALL AND MAINTAIN SOIL EROSION AND SEDIMENT CONTROL MEASURES GENERALLY IN ACCORDANCE WITH THE GUIDELINES OF THE N.S.W. DEPT. OF CONSERVATION AND LAND MANAGEMENT AS NECESSARY TO PREVENT RUN-OFF FROM SITE OF SEDIMENT RESULTING FROM THESE WORKS. SUCH MEASURES SHALL ALSO COMPLY WITH REQUIREMENTS OF COUNCIL.
- RC2. GRADE FINISHED SURFACE TO SHED WATER EVENLY WITHOUT CHANNELING

| PLANS PREPARED BY | | CLIENT | WORKS DEPOT SEWER MAIN EXTENSION OVERALL GENERAL ARRANGEMENT | | SCALE: 1:250 ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
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| <div>MM HYNDES BAILEY & Co.</div> <div>REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN</div> <div>Surveying the Hunter since 1920</div> <div></div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au</div> <div>132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> | | | | | A | | ISSUE TO COUNCIL | | REV: A |
| | | LGA: MUSWELLBROOK | | | | | | | |
| | | DESIGN: M. COLE | | DRAWN: M. COLE | | FILE: 224177_DES_SEWER | | JOB REF: | |
| | | | | SHEET: SEW-001 | | | | | |





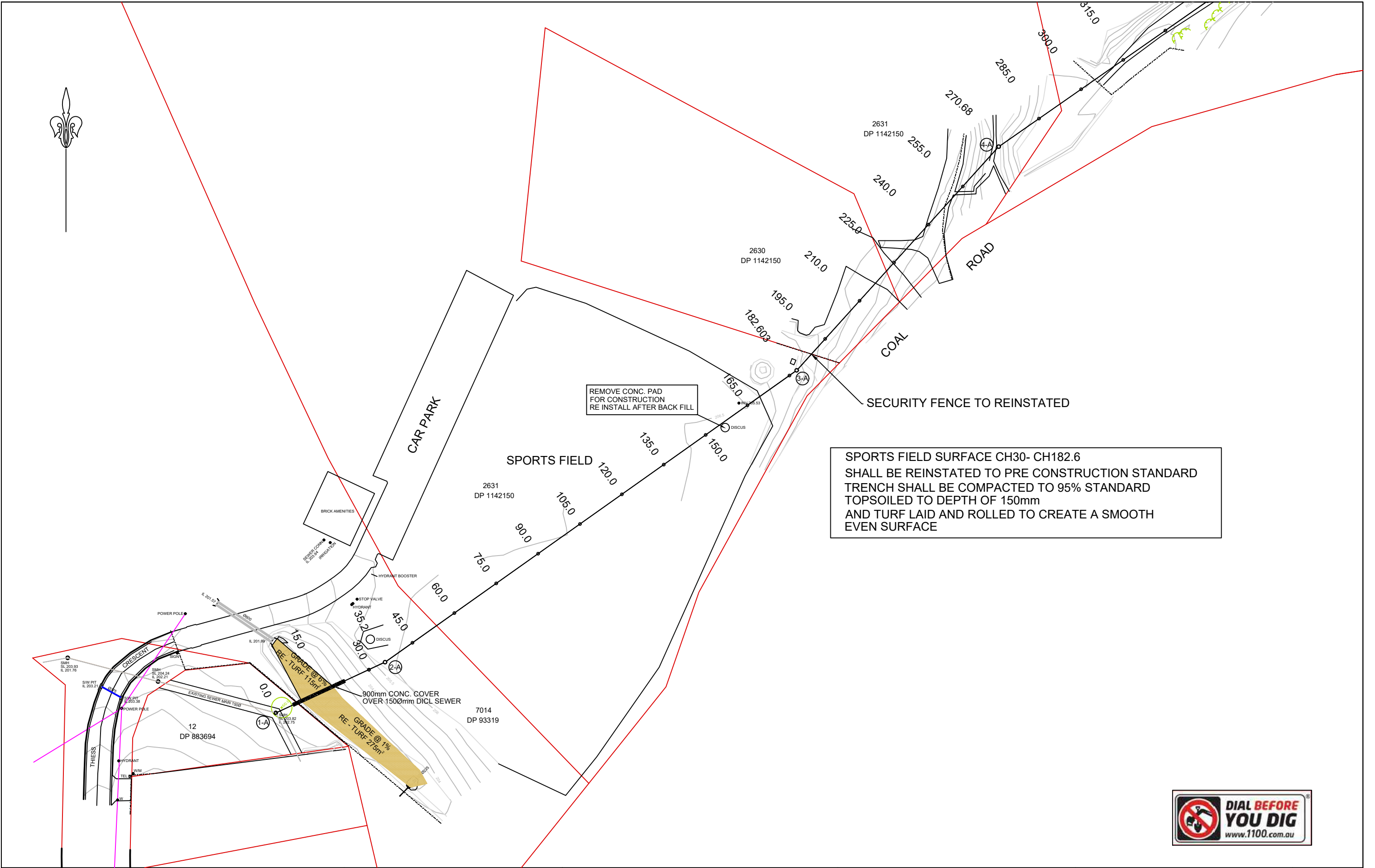
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| <div>MM HYNDES BAILEY & Co.</div> <div>REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN</div> <div>Surveying the Hunter since 1920</div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au</div> <div>132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> <div></div> | | <div></div> <div>muswellbrook shire council</div> | | | | A | | ISSUE TO COUNCIL | | REV: A |
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| M. COLE | | M. COLE | | | | | | | | |



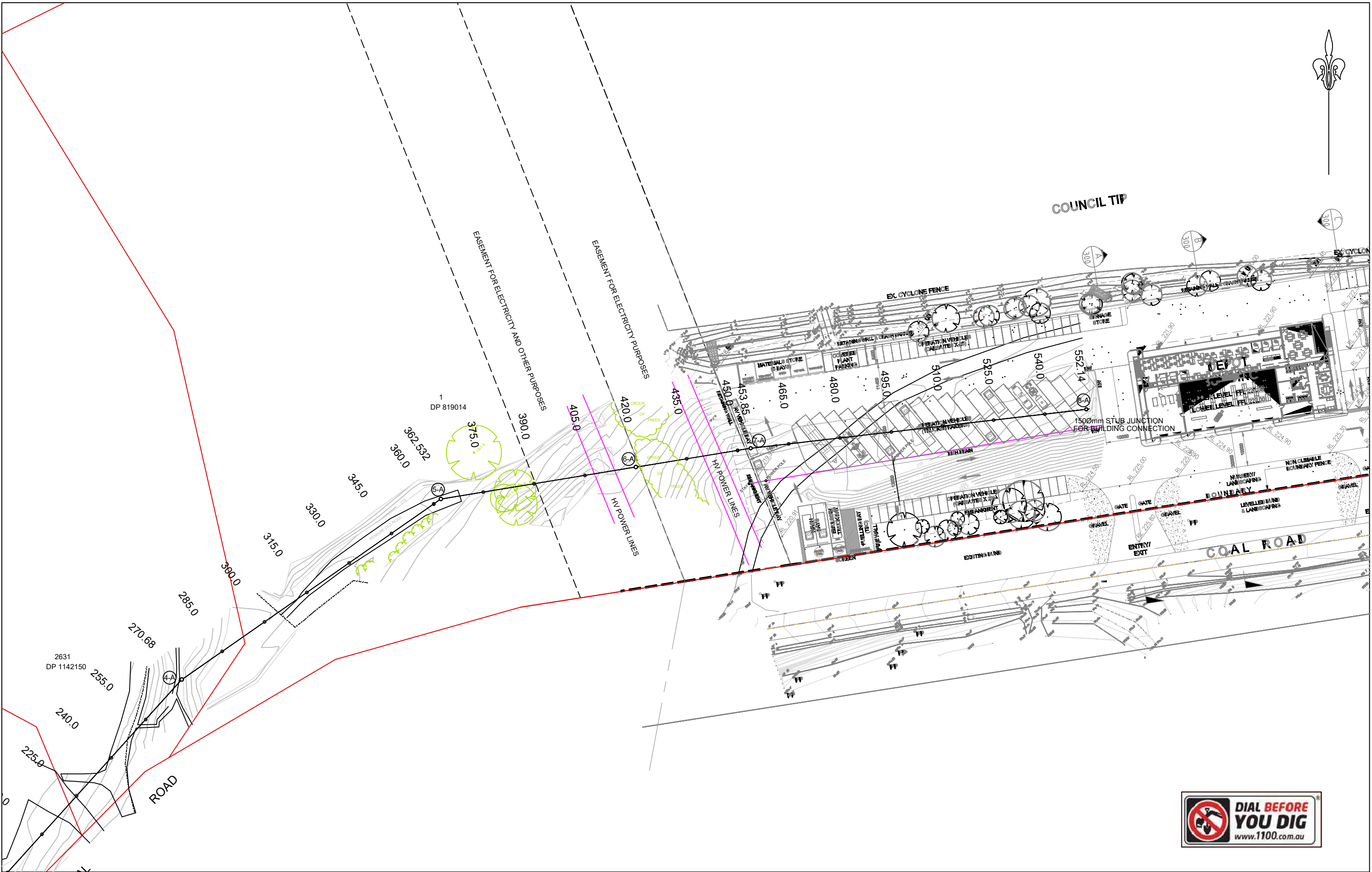
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| <div>MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN <i>Surveying the Hunter since 1920</i></div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> <div></div> | | <div></div> | | DESIGN: M. COLE DRAWN: M. COLE | | LGA: MUSWELLBROOK | | A | ISSUE TO COUNCIL | |
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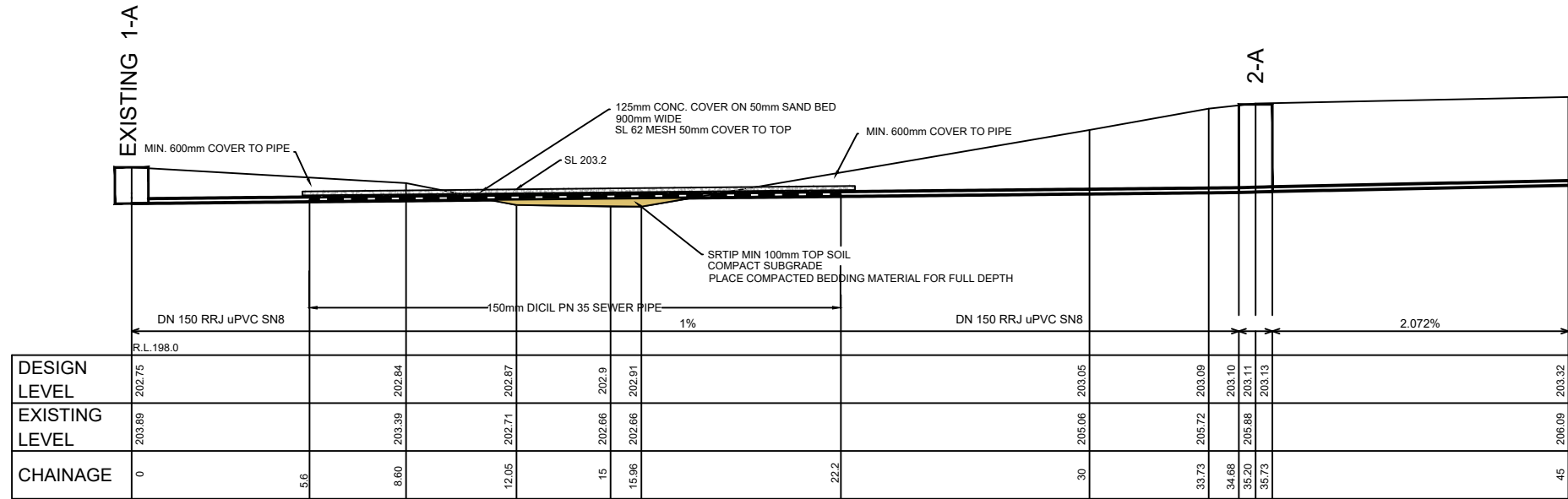
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| <div>PLANS PREPARED BY</div> <div>MM HYNDES BAILEY & Co.</div> <div>REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN</div> <div>Surveying the Hunter since 1920</div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au</div> <div>132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> <div></div> | <div>CLIENT</div> <div></div> | <div>WORKS DEPOT SEWER MAIN EXTENSION</div> <div>GENERAL ARRANGEMENT CH225 - CH552.14</div> <div>SIX MAPS BACKGROUND IMAGE</div> | <div>SCALE: 1:500</div> <div>ORIGINAL DRAWING SIZE: A1</div> <div>LGA: MUSWELLBROOK</div> <div>FILE: 224177_DES_SEWER</div> <div>SHEET: SEW-003</div> | PLAN ISSUE | | 10.10.2024 |
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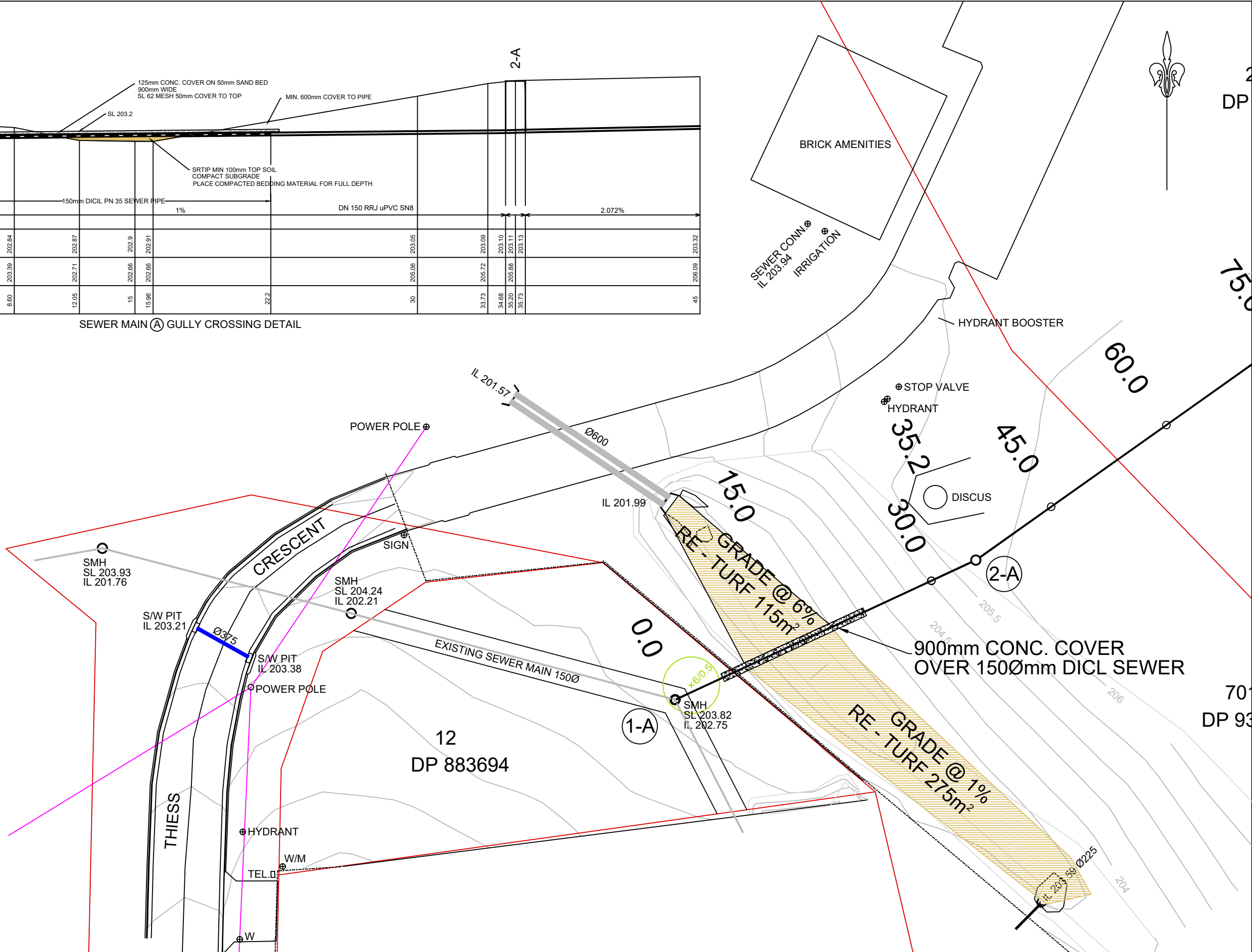
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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION GENERAL ARRANGEMENT CH00 - CH300 | | SCALE: 1:500 ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION GENERAL ARRANGEMENT CH225 - CH552.14 | | SCALE: 1:500 ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
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| | | | | | | SHEET: SEW-005 | | | | 224177 |



SEWER MAIN (A) GULLY CROSSING DETAIL



PLANS PREPARED BY

MM HYNDES BAILEY & Co.
REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN
Surveying the Hunter since 1920

Ph: 02 65432475 Email: office@hbsurveys.com.au
132 KELLY STREET (PO Box 432), SCONE NSW 2337



CLIENT



WORKS DEPOT SEWER MAIN EXTENSION
CONNECTION POINT AND GULLY CROSSING DETAIL

DESIGN: M. COLE

DRAWN: M. COLE

SCALE: 1:250
ORIGINAL DRAWING SIZE: A1

LGA: MUSWELLBROOK

FILE: 224177_DES_SEWER

SHEET: SEW-006

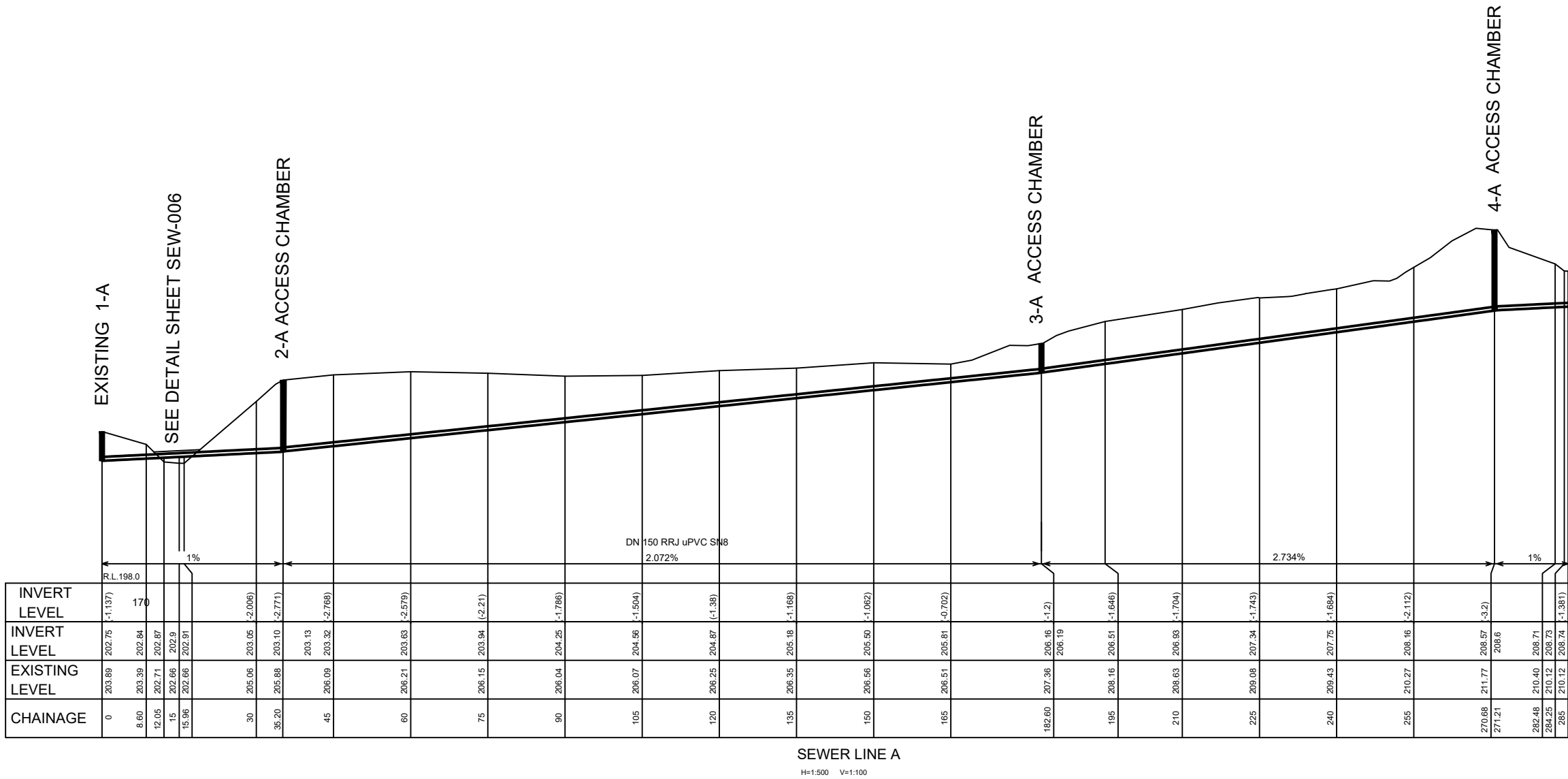
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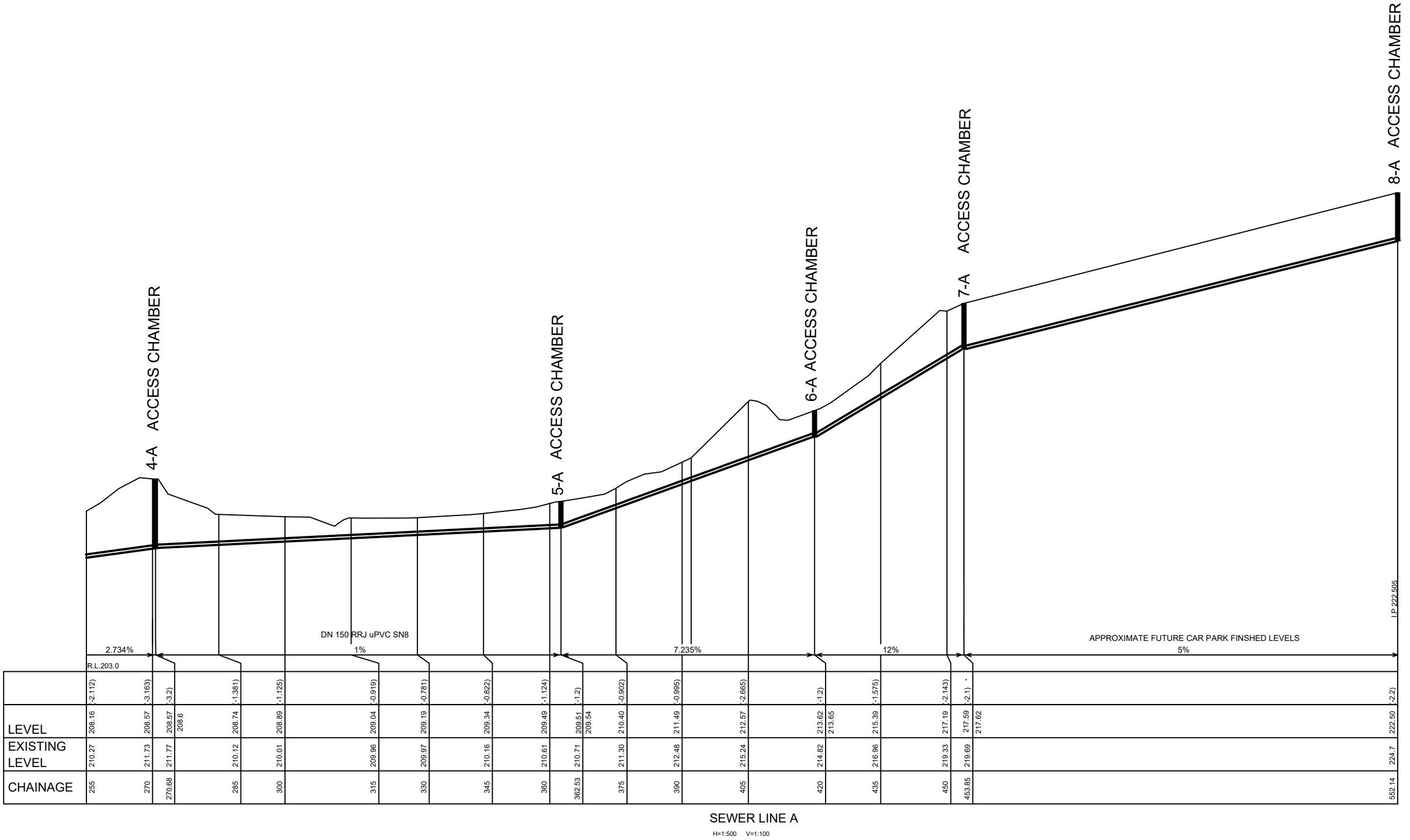
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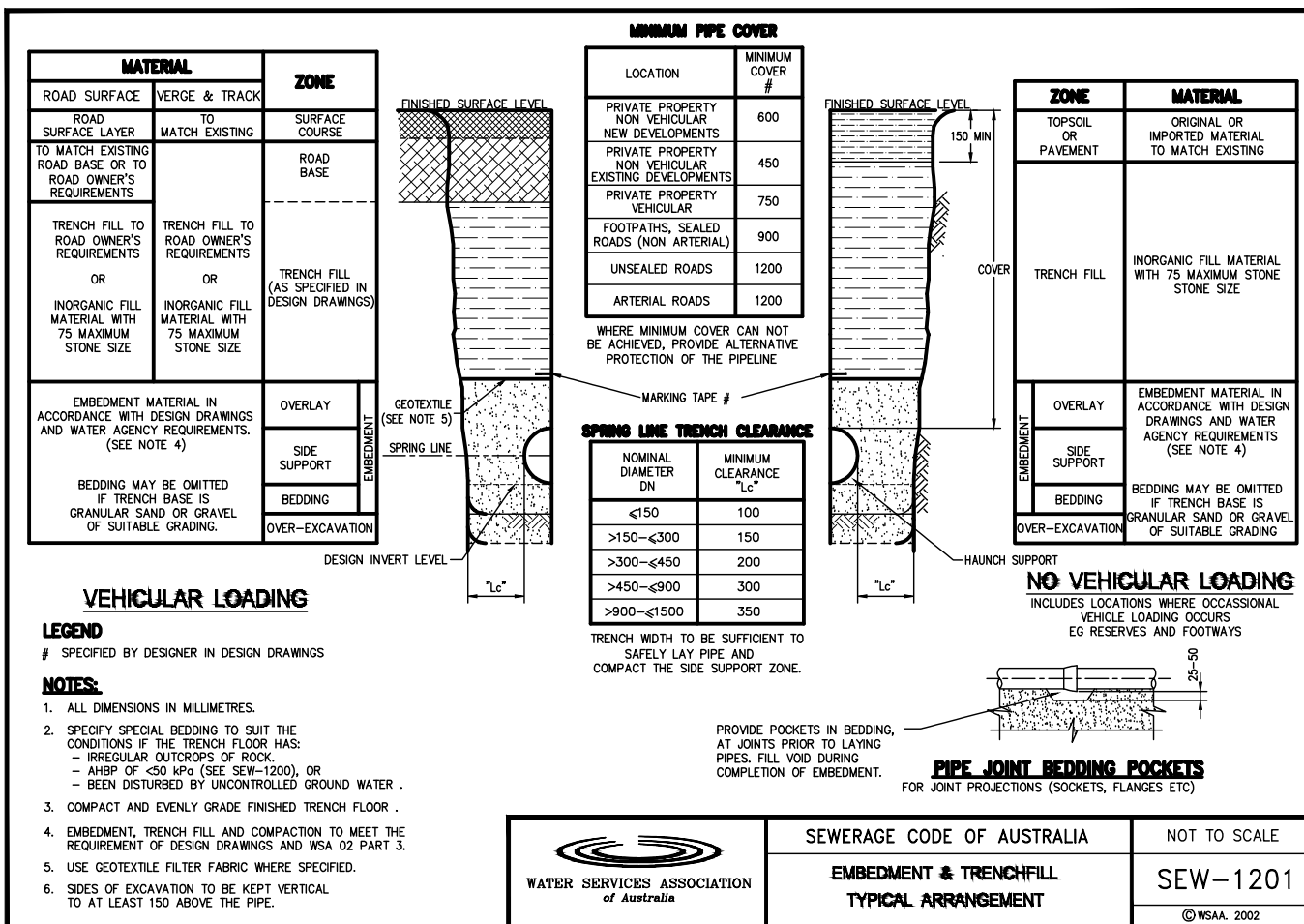
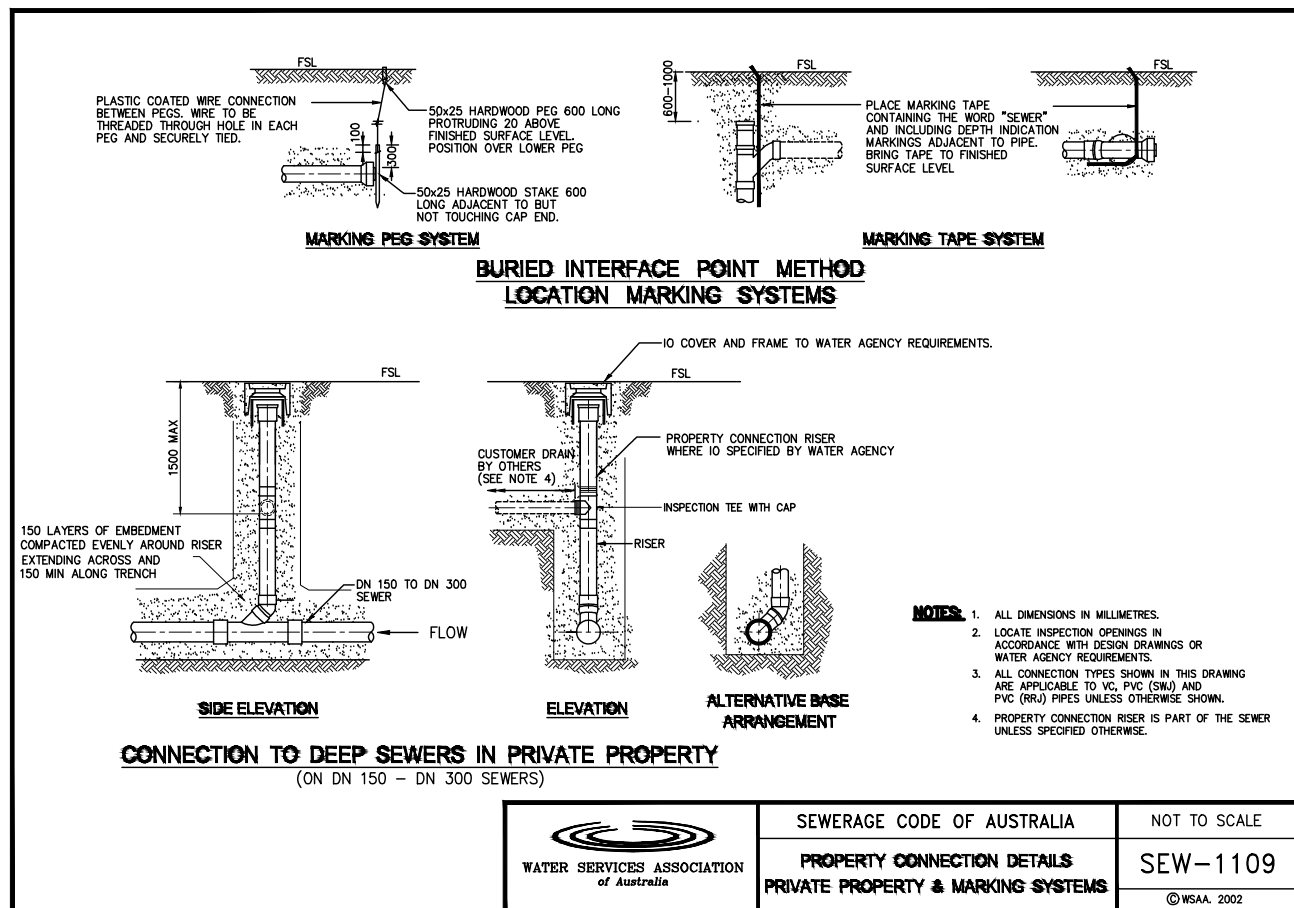
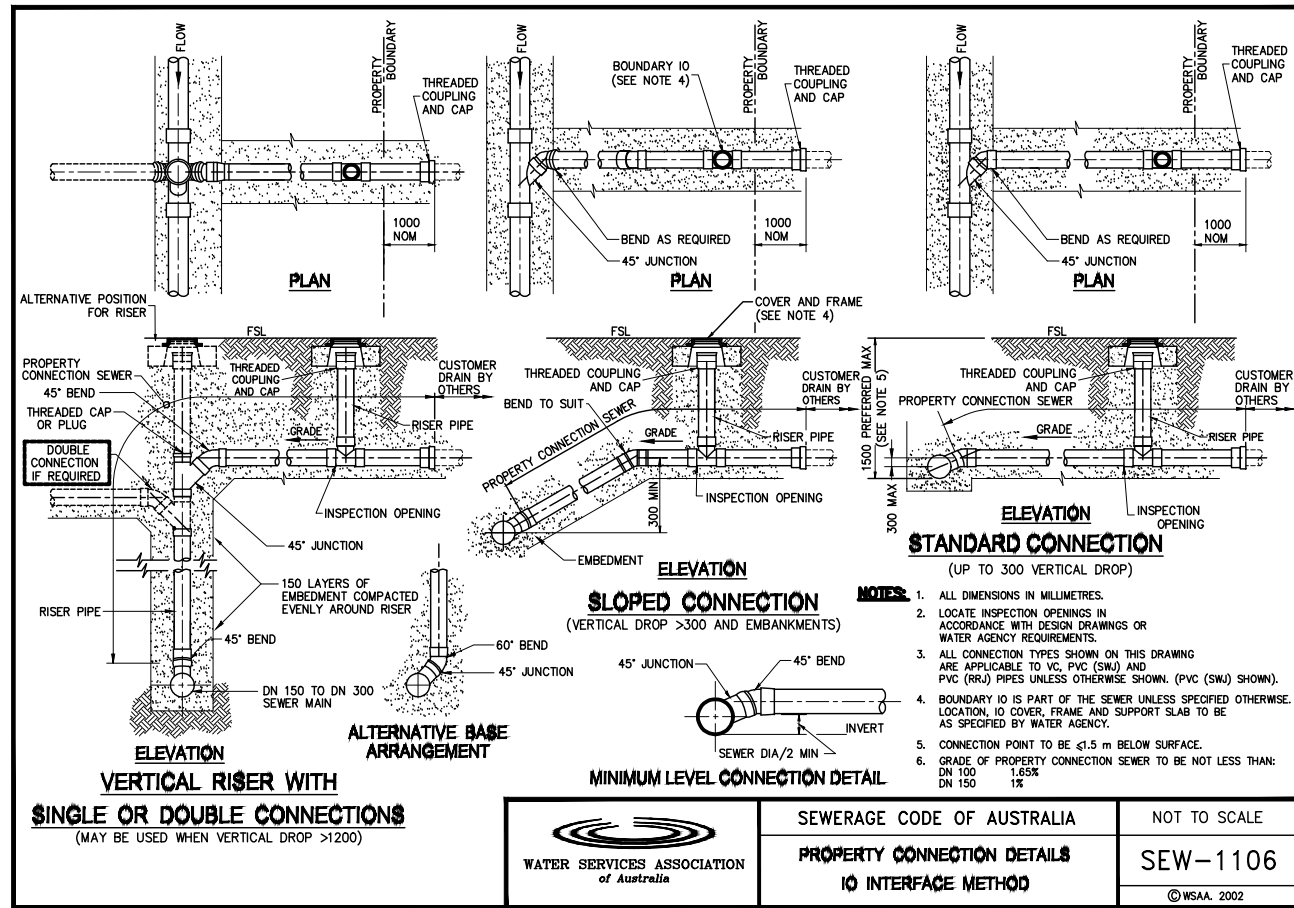
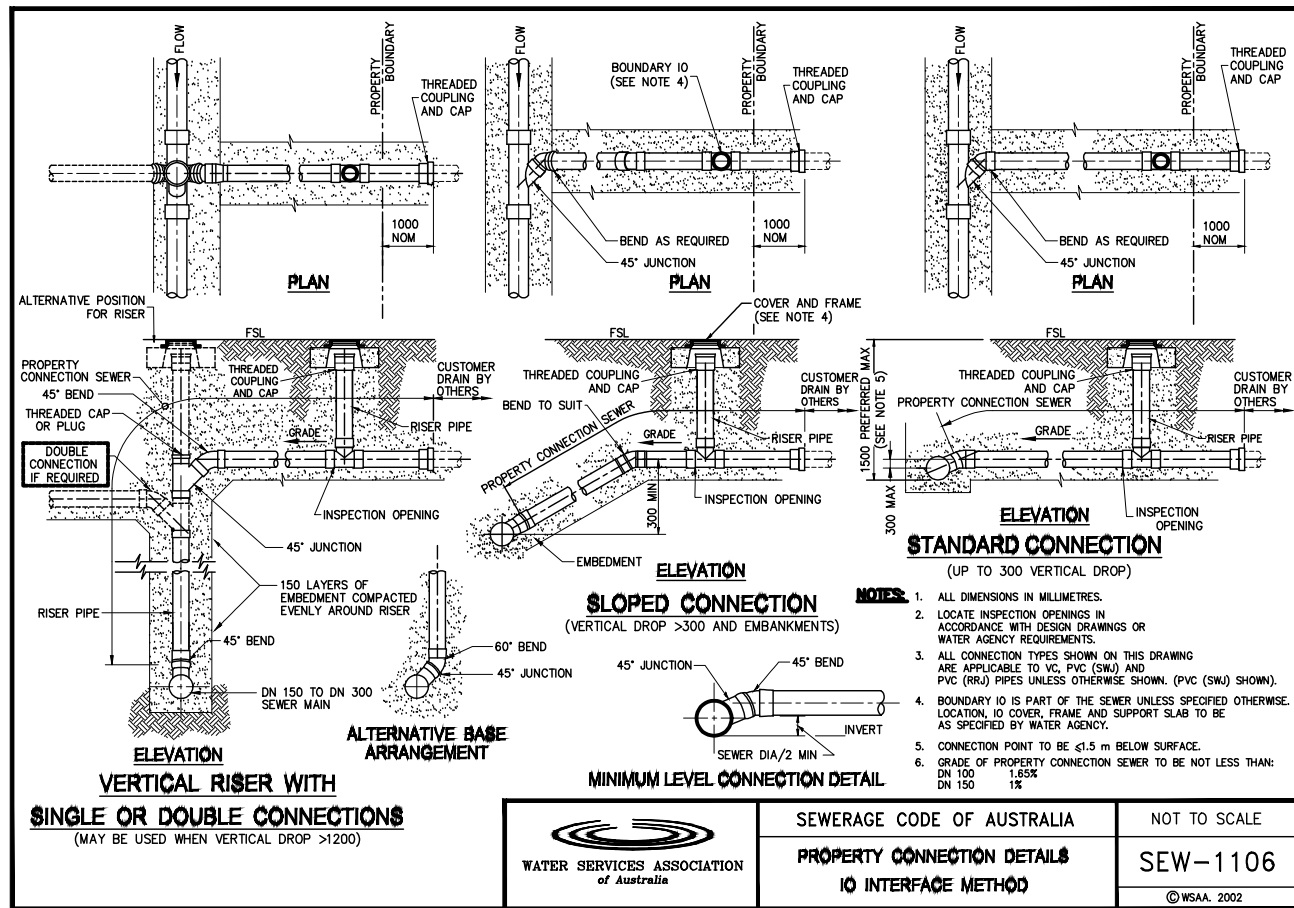
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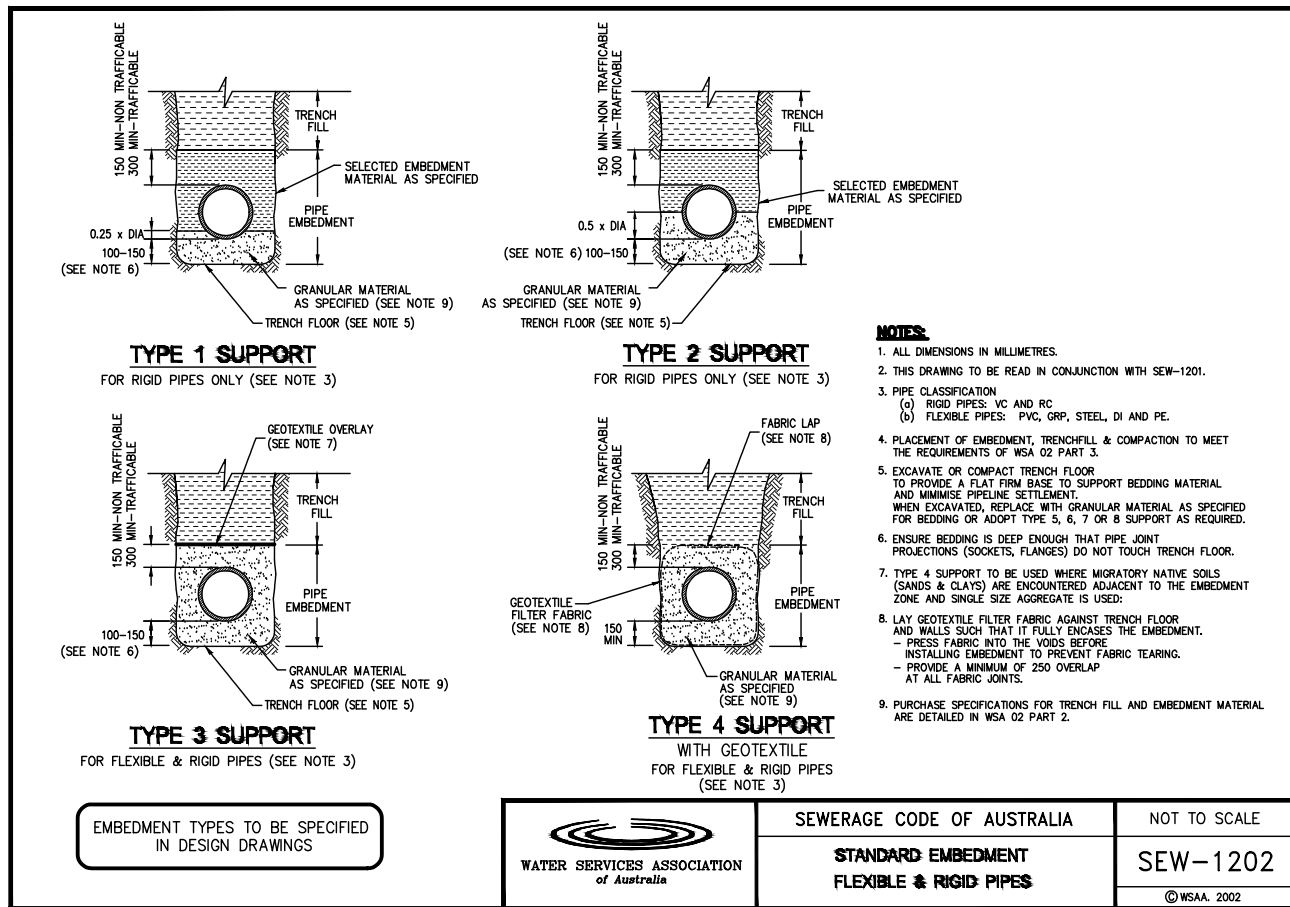
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| PLANS PREPARED BY | | CLIENT | WORKS DEPOT SEWER MAIN EXTENSION SEWER LINE A LONGITUDINAL SETION CH00 - CH225 | | SCALE: H 1:500 V 1:100 ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
| MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN <i>Surveying the Hunter since 1920</i> Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337 | |  muswellbrook shire council | | | LGA: MUSWELLBROOK | | A | ISSUE TO COUNCIL | REV: A |
| | | | DESIGN: M. COLE | | DRAWN: M. COLE | | FILE: 224177_DES_SEWER | | JOB REF: |
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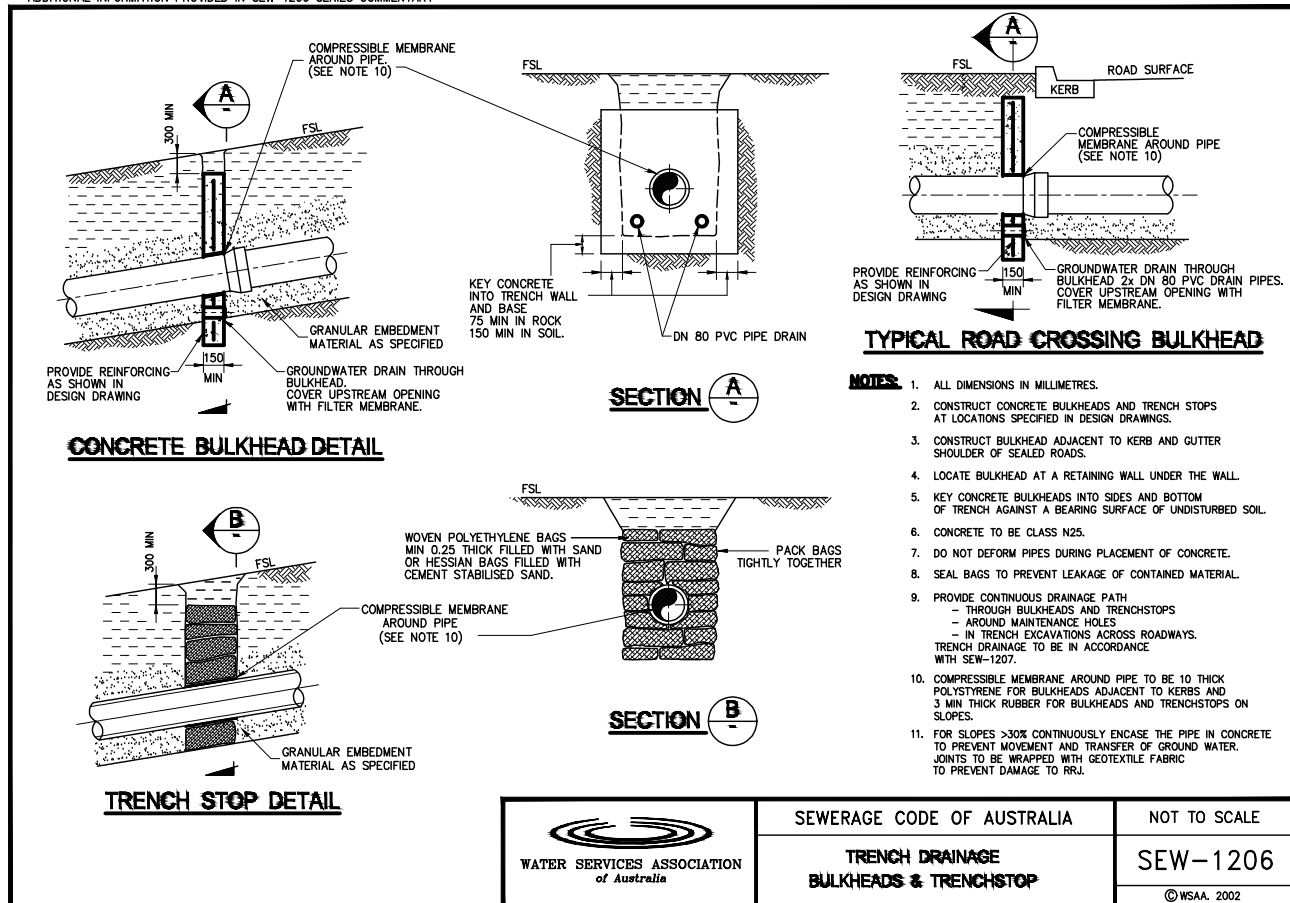
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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION | | SCALE: H 1:500 V 1:100 | | PLAN ISSUE | | 10.10.2024 |
| <div>MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN <i>Surveying the Hunter since 1920</i></div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> <div>HB</div> | | <div>muswellbrook shire council</div> | | SEWER LINE A LONGITUDINAL SETION CH225 - CH552.14 | | ORIGINAL DRAWING SIZE: A1 | | A | ISSUE TO COUNCIL | REV: A |
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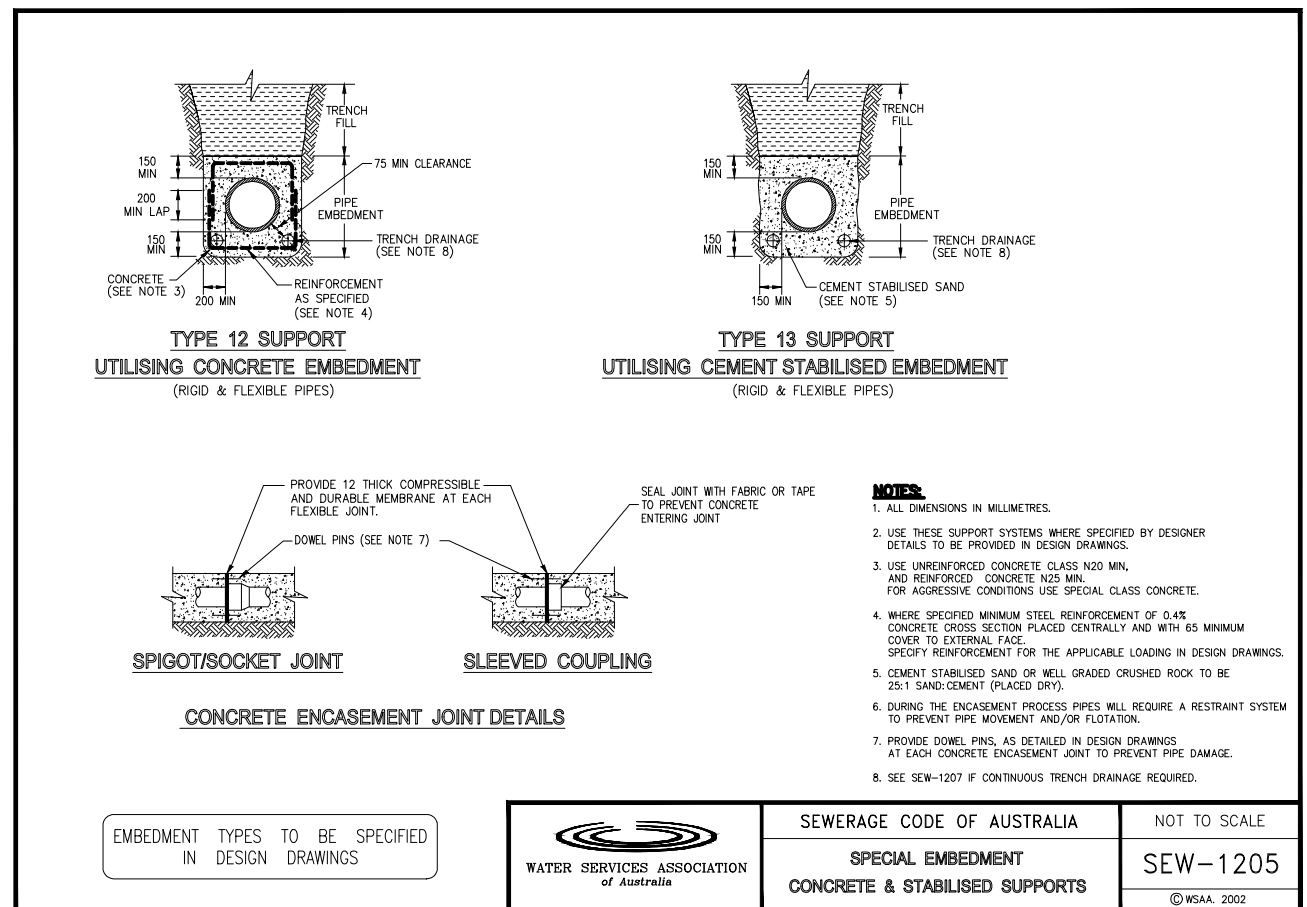
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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION SEWER TYPICAL DETAILS 1 | | SCALE: NTS ORIGINAL DRAWING SIZE: A1 LGA: MUSWELLBROOK | | PLAN ISSUE | | 10.10.2024 |
| MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN Surveying the Hunter since 1920 | | | | DESIGN: M. COLE | | DRAWN: M. COLE | | A ISSUE TO COUNCIL | | REV: A |
| Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337 | | | | | | | | | | JOB REF: 224177 |



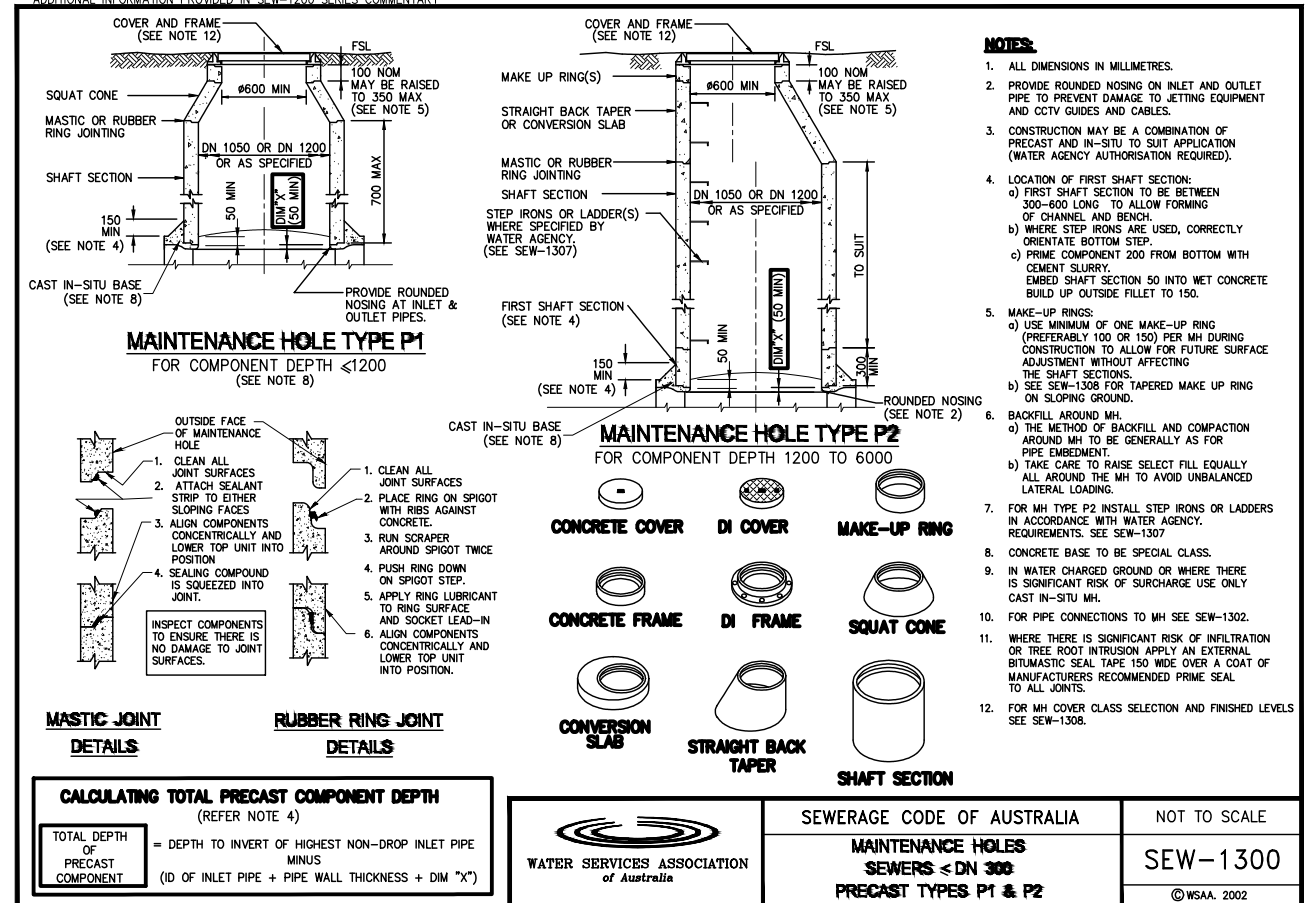
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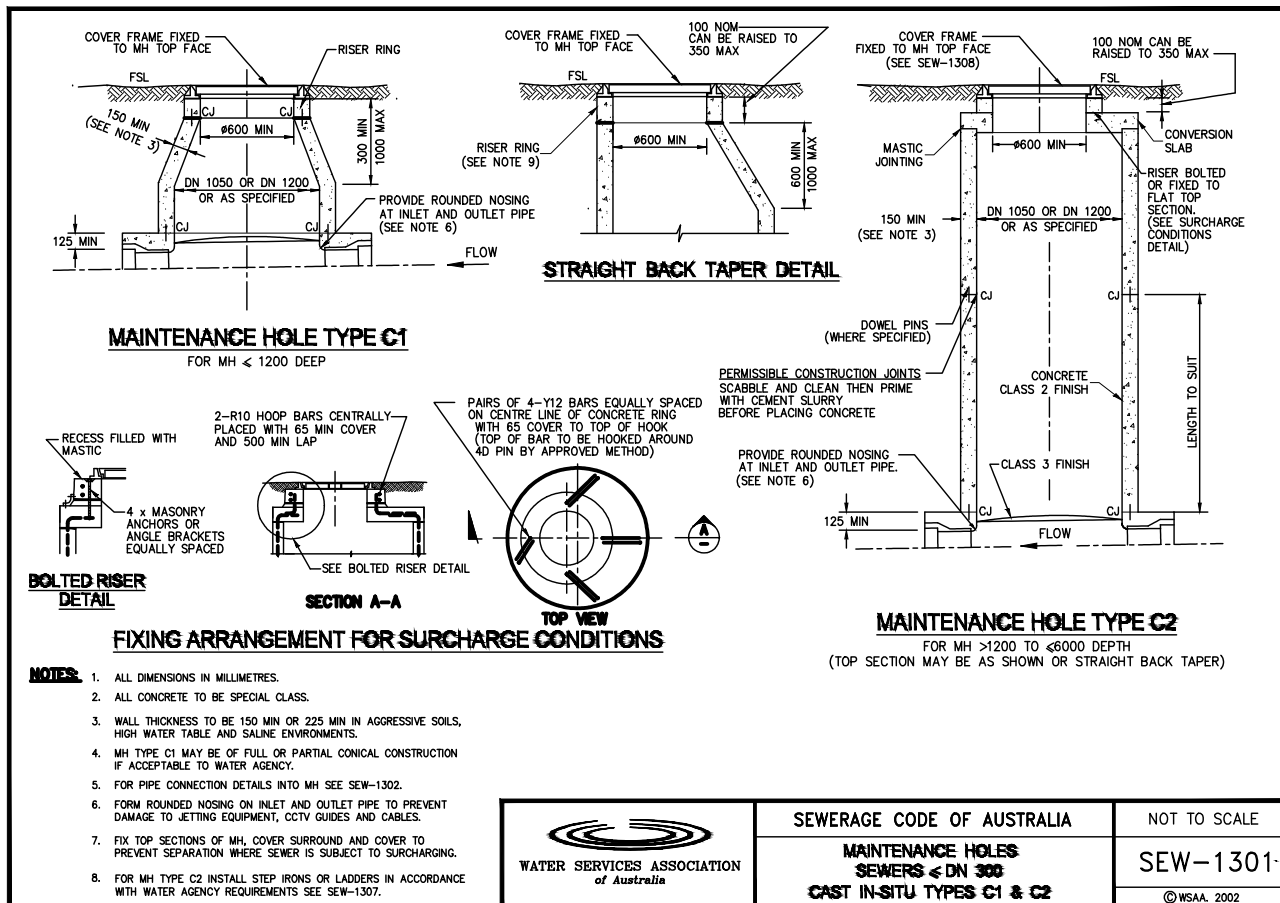


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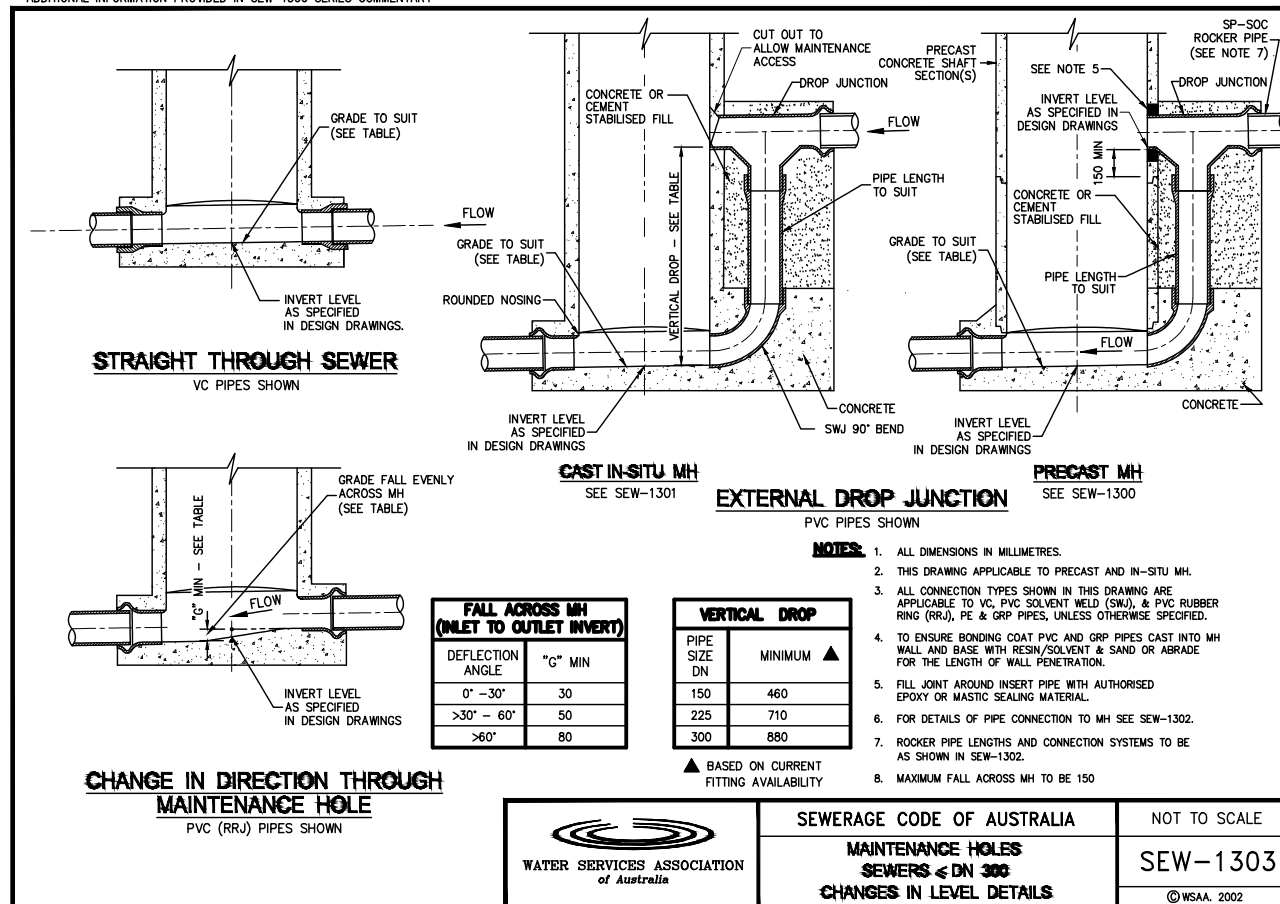


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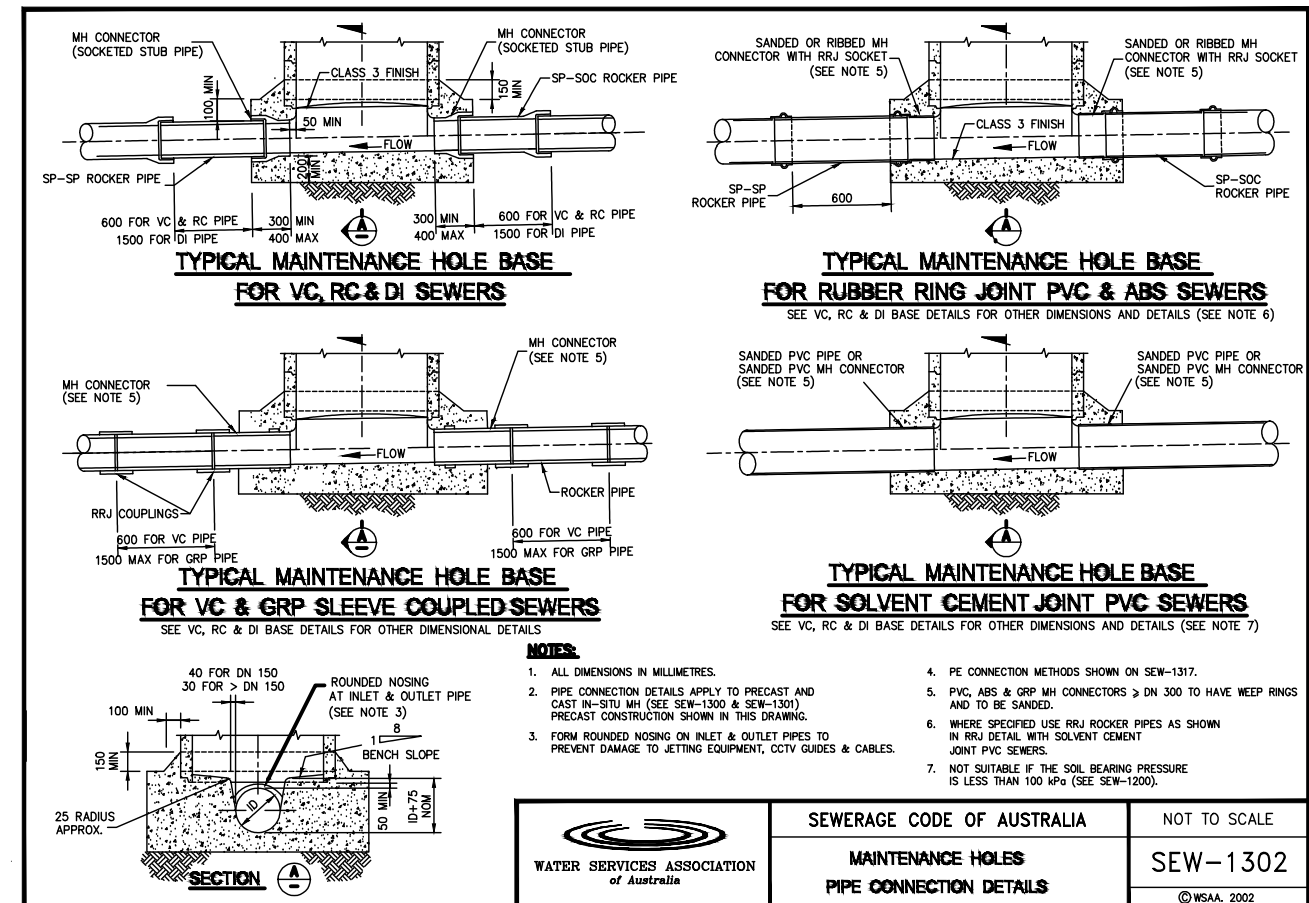
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| <p>PLANS PREPARED BY</p> <p>MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN Surveying the Hunter since 1920</p> <p>Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337</p> | <p>CLIENT</p> <p>muswellbrook shire council</p> | <p>WORKS DEPOT SEWER MAIN EXTENSION SEWER TYPICAL DETAILS 2</p> <p>DESIGN: M. COLE</p> <p>DRAWN: M. COLE</p> | <p>SCALE: NTS ORIGINAL DRAWING SIZE: A1 LGA: MUSWELLBROOK FILE: 224177_DES_SEWER SHEET: DET-002</p> | <p>PLAN ISSUE</p> <p>A ISSUE TO COUNCIL</p> | <p>10.10.2024</p> <p>REV: A</p> <p>JOB REF: 224177</p> |
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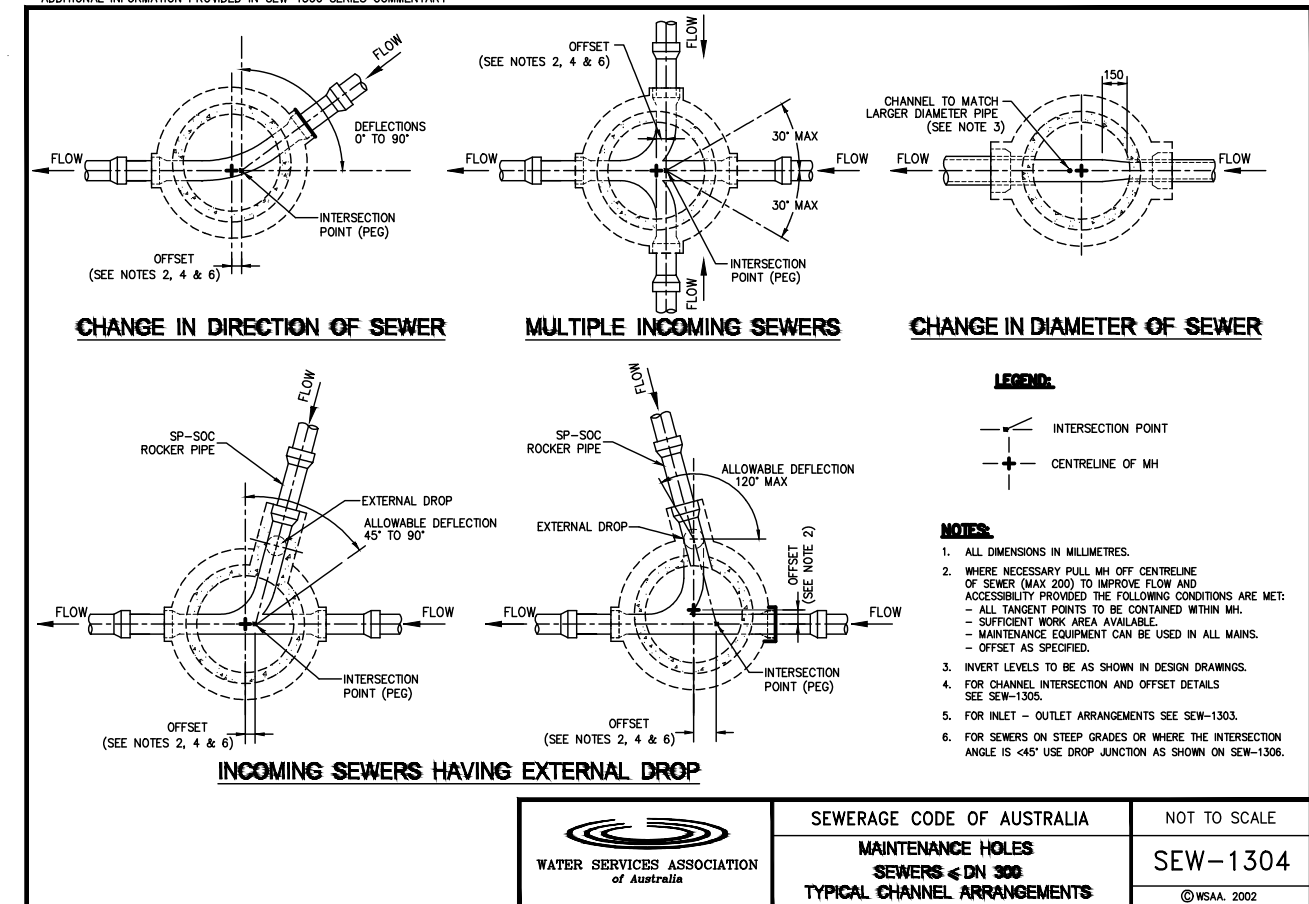
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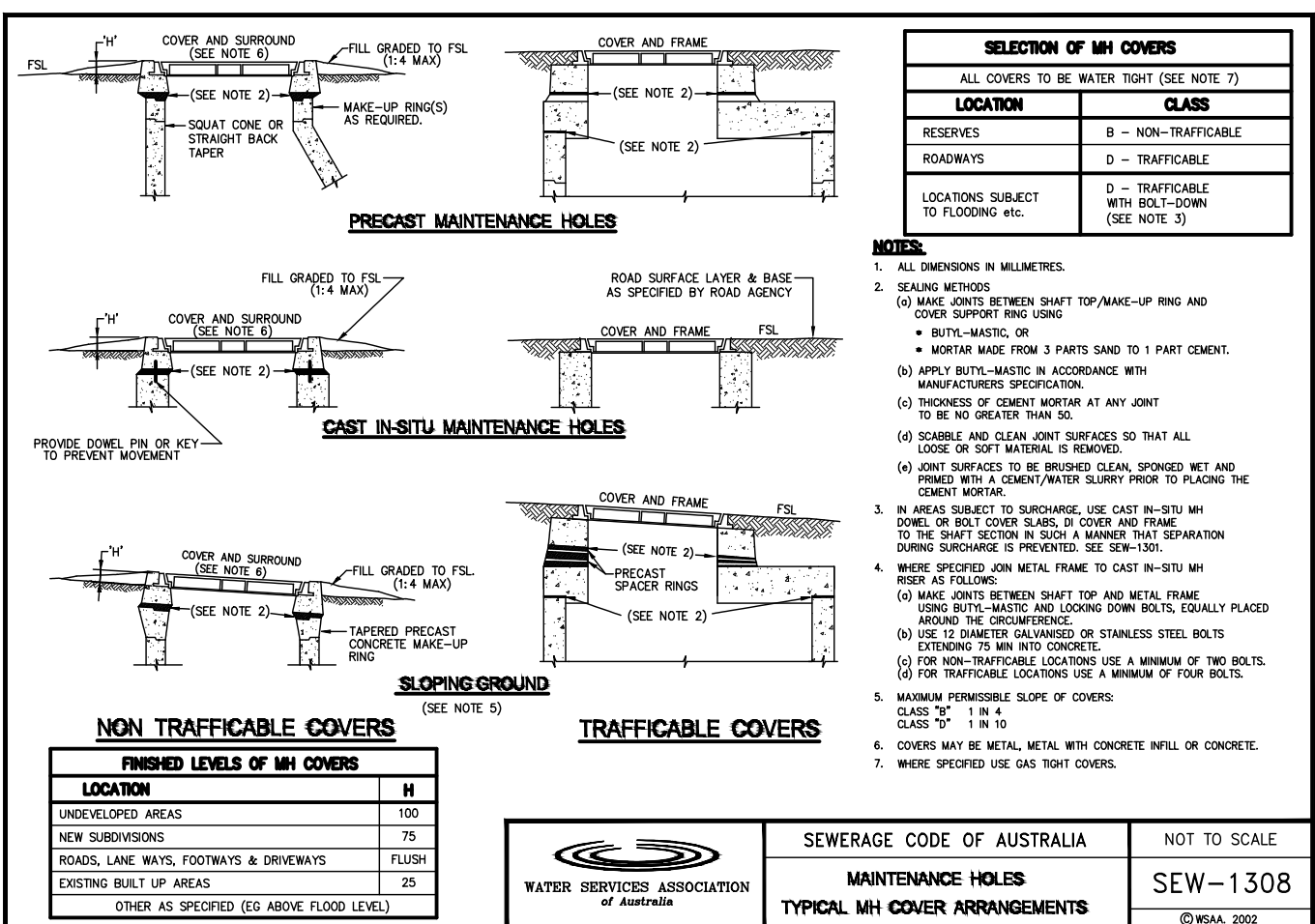
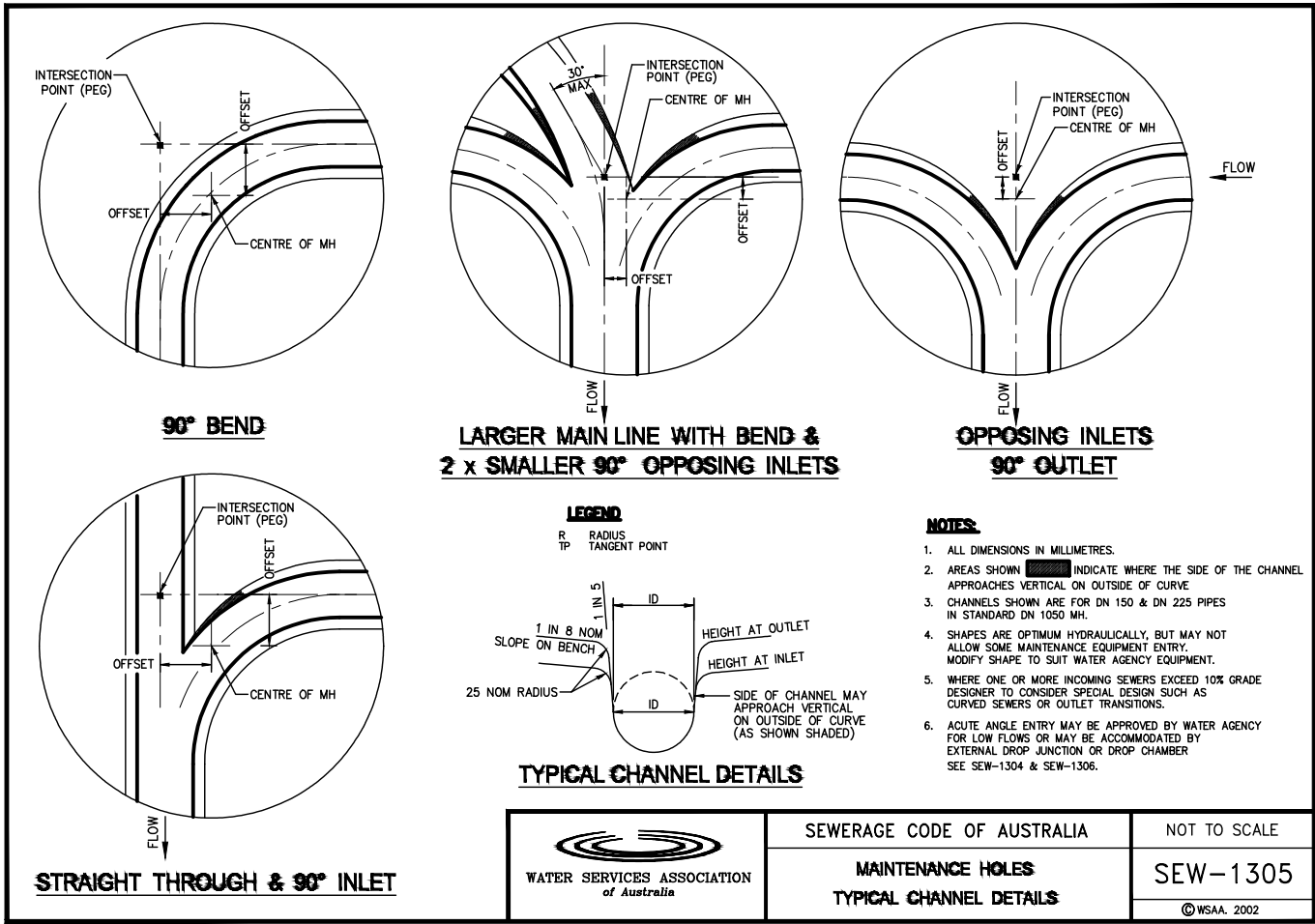



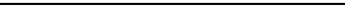
ADDITIONAL INFORMATION PROVIDED IN SEW-1300 SERIES COMMENTARY



ADDITIONAL INFORMATION PROVIDED IN SEW-1300 SERIES COMMENTARY

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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION SEWER TYPICAL DETAILS 3 | | SCALE: NTS ORIGINAL DRAWING SIZE: A1 LGA: MUSWELLBROOK | | PLAN ISSUE | | 10.10.2024 |
| MM HYNDES BAILEY & Co. REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN Surveying the Hunter since 1920 Ph: 02 65432475 Email: office@hbsurveys.com.au 132 KELLY STREET (PO Box 432), SCONE NSW 2337 | | muswellbrook shire council | | DESIGN: M. COLE | | DRAWN: M. COLE | | A | | REV: A |
| | | | | FILE: 224177_DES_SEWER | | SHEET: DET-003 | | | | JOB REF: |
| | | | | | | | | | | 224177 |



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| PLANS PREPARED BY | | CLIENT | | WORKS DEPOT SEWER MAIN EXTENSION SEWER TYPICAL DETAILS 4 | | SCALE: NTS ORIGINAL DRAWING SIZE: A1 | | PLAN ISSUE | | 10.10.2024 |
| <div>MM HYNDES BAILEY & Co.</div> <div>REGISTERED SURVEYORS - TOWN PLANNING - CIVIL DESIGN</div> <div>Surveying the Hunter since 1920</div> <div></div> <div>Ph: 02 65432475 Email: office@hbsurveys.com.au</div> <div>132 KELLY STREET (PO Box 432), SCONE NSW 2337</div> | | <div></div> | | | | A | | ISSUE TO COUNCIL | | REV: A |
| | | | | LGA: MUSWELLBROOK | | | | | | |
| | | | | DESIGN: M. COLE | | DRAWN: M. COLE | | FILE: 224177_DES_SEWER | | JOB REF: |
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