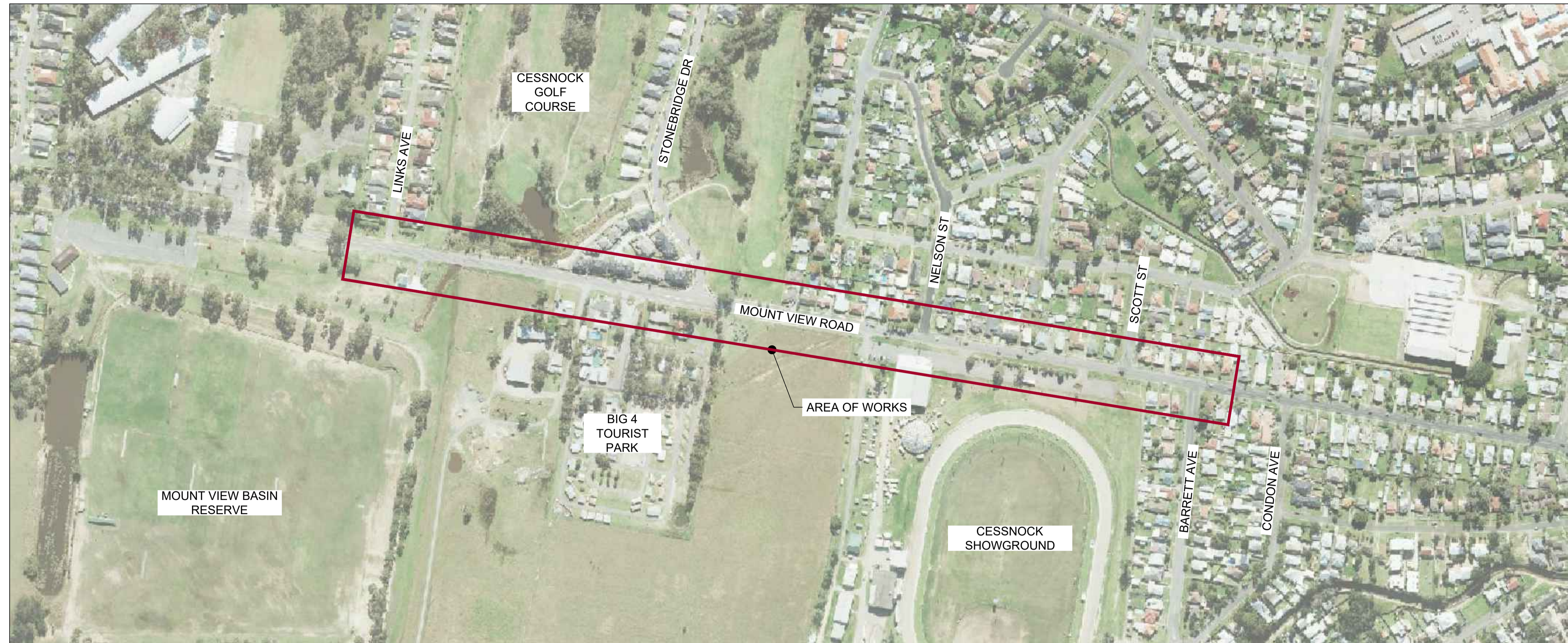


CIVIL ENGINEERING ROADS AND DRAINAGE PLANS

MOUNT VIEW ROAD REHABILITATION (FROM LINKS AVENUE TO BARRETTS AVENUE)

RFT-10055031



LOCATION PLAN
SCALE NTS



TRIAXIAL
CONSULTING

COMPLEX PROBLEMS
RESOLVED SIMPLY



Public Works
Department of Regional NSW

| | | | | | | | |
|---|---|---------------------------|---|---|---|---|--|
| <p>ISSUE FOR CONSTRUCTION ISSUE FOR TENDER AMENDMENTS</p> | <p>19.05.23 01 CW 14.12.22 00 CW</p> <p>DATE ISSUE BY</p> | <p>NORTH POINT U.N.O.</p> | <p>CLIENT / LGP</p> <p>Public Works Department of Regional NSW</p> <p>CONTRACT No RFT-10055031</p> | <p>CESSNOCK CITY COUNCIL</p> | <p>PROJECT</p> <p>MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETTS AVE)</p> <p>DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -</p> | <p>TRIAXIAL CONSULTING</p> <p>COMPLEX PROBLEMS RESOLVED SIMPLY</p> <p>1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259</p> <p style="color: blue;">TO BE PRINTED IN COLOUR</p> | <p>DRAWING TITLE</p> <p>COVER SHEET AND LOCALITY PLAN</p> <p>PROJECT No. TX16685.00 CODE / SHEET No. GE-100 ISSUE 01</p> |
|---|---|---------------------------|---|---|---|---|--|

FOR CONSTRUCTION

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| GE - 101 | DRAWING INDEX |
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ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.

CLIENT / LGP



Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT

MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



TRIAxIAL
CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU

UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE

DRAWING INDEX

PROJECT No.

TX16685.00

CODE / SHEET No.

GE-101

ISSUE

01

CESSNOCK CITY COUNCIL:
 1. ALL WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT AND STANDARD DRAWINGS.

FOOTPATH:
 1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

DRIVEWAYS:
 1. REFER TO 'PW' DRAWINGS FOR DRIVEWAY RECONSTRUCTION DETAILS

SUBSURFACE DRAINAGE:
 1. REFER TO 'SM' DRAWINGS FOR NOMINAL LOCATIONS AND NOTES.

SEDIMENT AND EROSION CONTROL:
 1. REFER TO SHEET GE-103 FOR SEDIMENT AND EROSION CONTROL NOTES.
 2. PROVIDE INLET FILTERS TO ALL PITS AND APPROPRIATE SEDIMENT CONTROL DOWN STREAM OF WORKS. REFER TO DETAILS ON SHEET SM-411. CONTRACTOR TO SUBMIT TO COUNCIL THEIR SEDIMENT AND EROSION CONTROL AND SOIL MANAGEMENT PLAN PRIOR TO CONSTRUCTION.

EXISTING STORMWATER KERB OUTLETS:
 1. ALL EXISTING STORMWATER KERB OUTLETS TO BE MAINTAINED /REINSTATED IN ACCORDANCE WITH CCC STANDARD DETAILS.

LINEMARKING:
 1. ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS

WATER MAIN RELOCATION:
 1. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE WATERMAIN RELOCATION PLANS BY TRIAXIAL CONSULTING AND SUBMITTED TO HUNTER WATER CORPORATION (HWC) DRAWING REFERENCE TO BE CONFIRMED

SETOUT INFORMATION:
 1. SETOUT COORDINATES HAVE NOT BEEN PROVIDED AS PART OF THE TENDER STAGE PLANS. SETOUT INFORMATION WILL BE PROVIDED ON THE ISSUE FOR CONSTRUCTION PLANS.

NOTE:
 1. THIS IS AN ENGINEERING SURVEY PLAN AND SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA IF SHOWN, SHOULD BE TAKEN AS A GUIDE ONLY.
 2. REFER TO THE CERTIFICATE OF TITLE FOR EASEMENT DETAILS (IF ANY).

SURVEY:
 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22 ORIGIN OF LEVELS PM 17605.

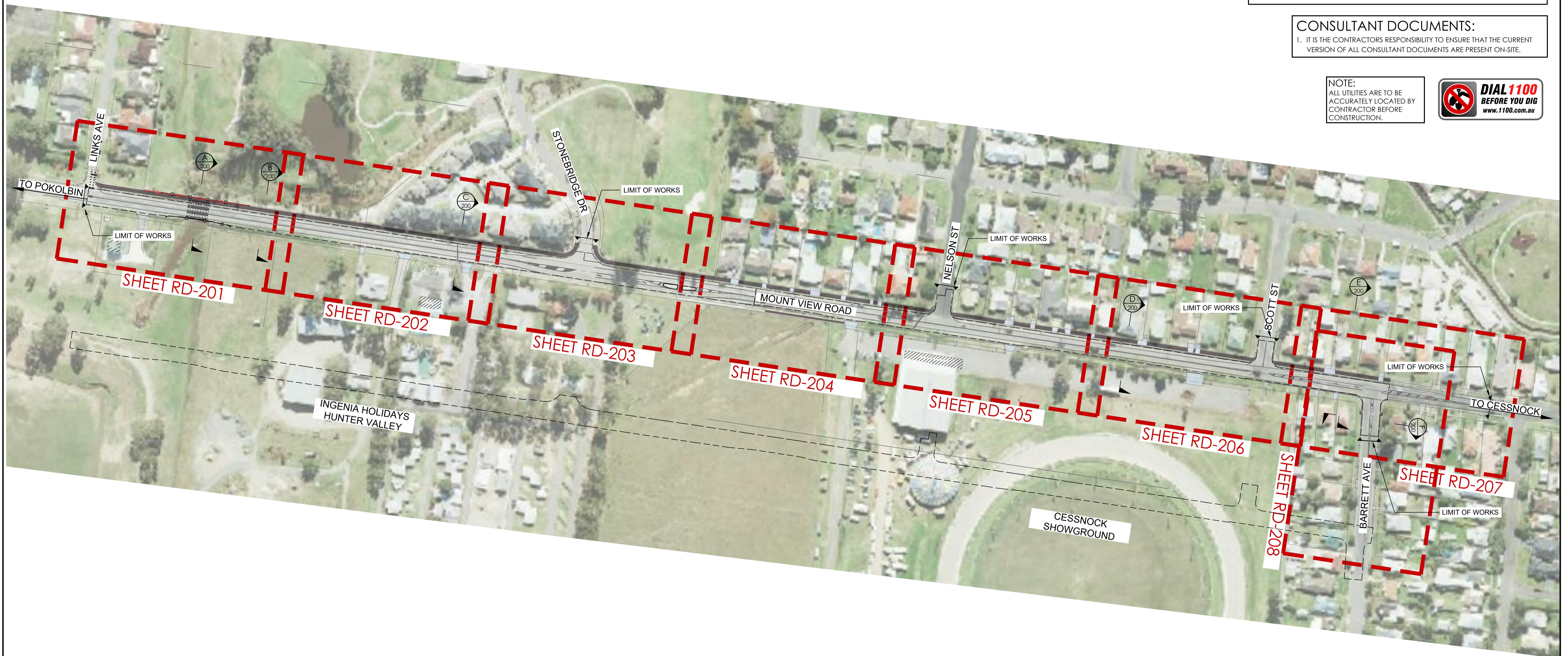
| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

UTILITIES LOCATING BY:
 1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
 2. UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
 3. REFER TO 'UT' UTILITIES PLAN

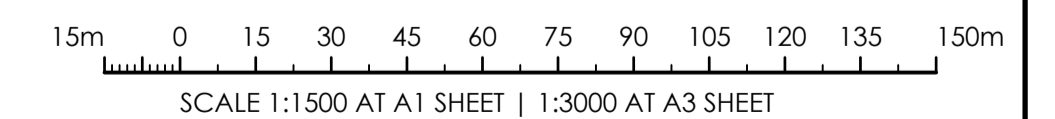
GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

CONSULTANT DOCUMENTS:
 1. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT THE CURRENT VERSION OF ALL CONSULTANT DOCUMENTS ARE PRESENT ON-SITE.

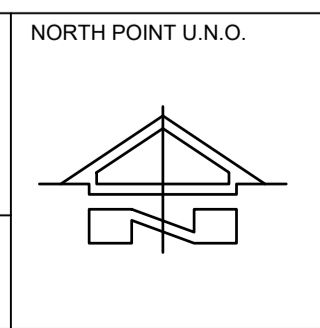
NOTE:
 ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



KEY PLAN
 SCALE 1:1500 AT A1



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



CLIENT / LGP
Public Works
 Department of Regional NSW
CESSNOCK CITY COUNCIL
 CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
KEY PLAN AND REFERENCE NOTES
 PROJECT No. **TX16685.00** CODE / SHEET No. **GE-102** ISSUE **01**

GENERAL

- CG1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- CG2 ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- CG3 ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER/CONTRACTOR ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS. ENGINEER'S DRAWINGS ISSUED IN ANY ELECTRONIC FORMAT MUST NOT BE USED FOR DIMENSIONAL SETOUT.
- CG4 UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- CG5 ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF THE JOB.

SURVEY

- SU1 THE EXISTING SITE CONDITIONS SHOWN ON THE DRAWINGS HAVE BEEN INVESTIGATED BY OTHERS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN.
- SU2 THE FOLLOWING ENGINEERING SURVEY SHALL NOT BE TAKEN AS A CADASTRAL OR BOUNDARY IDENTIFICATION SURVEY. BOUNDARY DATA SHALL BE TAKEN AS A GUIDE ONLY UNLESS NOTED OTHERWISE.
- SU3 SHOULD DISCREPANCIES BE FOUND BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA THE CONTRACTOR SHALL NOTIFY TRIAXIAL CONSULTING PRIOR TO COMMENCEMENT OF THE WORKS. THE CONTRACTOR SHALL ACCEPT ALL RESPONSIBILITY FOR ERRORS MADE DURING CONSTRUCTION WHERE SURVEY DISCREPANCIES WERE NOT RELAYED AND RESOLVED BY TRIAXIAL CONSULTING PRIOR TO COMMENCEMENT OF THE WORKS.

EXCAVATION

- EX1 REFER TO REPORT ON GEOTECHNICAL STABILITY ASSESSMENT FOR INFORMATION PERTAINING TO EXISTING SITE STABILITY, EXCAVATION AND GEOTECHNICAL ISSUES.
- EX2 ALL SITE EXCAVATION TO BE PERFORMED IN ACCORDANCE WITH ITEMS NOTED IN THE ABOVE LISTED REPORT.
- EX3 THE EARTHWORKS CONTRACTOR IS TO CONTACT OR MEET WITH THE GEOTECHNICAL ENGINEER PRIOR TO COMMENCEMENT OF ANY EXCAVATION TO DETERMINE APPROPRIATE TECHNIQUES AND HOLD POINTS.
- EX4 TEMPORARY BATTER CUT TO ROCK TO BE FORMED AT NO STEEPER THAN 1 V : 1 H. PERMANENT BATTER TO BE CONFIRMED ON SITE IN CONSULTATION WITH THE GEOTECHNICAL ENGINEER.

EXISTING UNDERGROUND SERVICES

- EU1 THE EXISTING UNDERGROUND SERVICES INDICATED ON THESE DRAWINGS HAVE BEEN OBTAINED FROM SURVEY AND SERVICE AUTHORITY INFORMATION. THE SERVICES INFORMATION SHOWN ARE THOSE OF KNOWN SERVICES ONLY. THE LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND MAY NOT BE 'AS CONSTRUCTED' OR ACCURATE. THE PRESENCE OR ABSENCE OF SERVICES SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. REFER TO SURVEY AND UTILITIES LOCATING NOTES ON SHEET GE-102.
- EU2 THE CONTRACTOR SHALL TAKE ALL DUE CARE WHEN EXCAVATING ON SITE INCLUDING HAND EXCAVATION WHERE NECESSARY.
- EU3 THE CONTRACTOR SHALL CONTACT ALL RELEVANT SERVICE AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS.
- EU4 THE CONTRACTOR SHALL UNDERTAKE A THOROUGH SERVICES SEARCH PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS. THE RESULTS OF SERVICES SEARCHES SHALL BE RECORDED AND KEPT ON SITE AT ALL TIMES.
- EU5 THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING POTHOLING TO ESTABLISH AND CONFIRM LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND SERVICES/UTILITIES PRIOR TO COMMENCEMENT OF WORK ON SITE.

NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



SITE PREPARATION

- GENERAL
- SP1 ALL EARTHWORKS, SITE PREPARATION AND MATERIALS TO BE IN ACCORDANCE WITH AS3798 AND THE GEOTECHNICAL ENGINEERS REPORT U.N.O.
- SP2 SEDIMENT AND EROSION CONTROL MEASURES AS DOCUMENTED MUST BE IN PLACE PRIOR TO THE COMMENCEMENT OF WORK.
- SUBGRADE
- SP3 STRIP EXISTING AREA AS REQUIRED TO CONSTRUCT NEW WORKS, REMOVE ANY TOP SOIL, ALL ORGANIC & DELETERIOUS MATERIAL FROM SITE WORKS AREA.
- SP4 THE CUT AND FILL SURFACE SHALL BE PROOF ROLLED TO ENSURE THAT THE FILL AND NATURAL GROUND FORMING THE SUBGRADE TO SUB-BASE IS AT A SUITABLE DENSITY AND MOISTURE CONTENT.
- SP5 PRIOR TO THE COMMENCEMENT OF ANY CIVIL OR STRUCTURAL CONSTRUCTION THE RELEVANT SITE AREA IS TO BE COMPACTED AND TESTED IN ACCORDANCE WITH AS1289.5.1.1 OR 5.1.2 - 1993 TO PRODUCE THE FOLLOWING: - 98.0% STANDARD COMPACTION AT THE SURFACE AND AT 200MM BELOW SURFACE LEVEL. FREQUENCY OF FIELD DENSITY TESTS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS3798 - 2007 TABLE 8.1 TESTING SHALL BE EVENLY SPACED OVER THE ENTIRE SITE, AND AT RANDOM LOCATIONS. TEST RESULTS SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORKS.
- SP6 PROOF ROLLING SHALL BE CARRIED OUT UNDER THE DIRECTION OF THE CONTRACTOR. A MINIMUM 10 TONNE STATIC MASS SMOOTH DRUMMED ROLLER SHALL BE USED, WHERE THERE IS MOVEMENT UNDER THE ROLLER INDICATING SOFT, WET OR DISTURBED SUBGRADE, THE AREA OF MOVEMENT SHALL BE IDENTIFIED AND THE POOR SUBGRADE MATERIAL REMOVED. ANY REPLACEMENT MATERIAL SHALL BE BACKFILLED WITH APPROVED FILL PLACED IN LAYERS NOT EXCEEDING 200mm LOOSE MEASUREMENT AND IN ACCORDANCE WITH FILLING NOTE SP9 TO 98% OF SDD AND WITHIN ±2% OF STANDARD OPTIMUM MOISTURE CONTENT.
- SP7 WHERE THERE HAS BEEN AN EXTENDED DRY PERIOD THE SUBGRADE SURFACE MAY EXHIBIT DESICCATION CRACKS CONSISTENT WITH NEAR SURFACE DRYING OUT. IF SIGNIFICANT DRYING OUT HAS OCCURRED, MOISTURE CONDITION THE UPPER 200mm OF THE SUBGRADE. THE MATERIAL SHOULD THEN BE COMPACTED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS FOR DENSITY AND MOISTURE CONTENT.

FILL/SUB-BASE

- SP8 COMPACTION TESTING IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE ALLOWED FOR IN THE TENDER FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW FOR SOIL COMPACTION TESTING TO ALL FILL FORMATIONS WHICH SUPPORT CONCRETE SLAB ON GROUND TYPE FLOORS AND EXTERNAL PAVEMENTS. TESTS SHALL BE CARRIED OUT BY AN INDEPENDENT 'NATA' REGISTERED LABORATORY IN ACCORDANCE WITH THE REQUIREMENTS OF AS1289. SUBMIT TEST REPORTS TO THE ENGINEER FOR REVIEW.
- SP9 IMPORTED FILL IS TO BE WELL GRADED CRUSHED SANDSTONE, RIPPED SHALE OR APPROVED ALTERNATIVE, WITH A MINIMUM CBR OF 30%, PI 8% AND A MAX PARTICLE SIZE OF 75mm.
- SP10 ALL FILL MATERIAL SHALL BE UNIFORMLY PLACED IN LAYERS NOT EXCEEDING 200mm LOOSE MEASUREMENT.
- SP11 ALL FILL SHALL BE COMPACTED TO 98% STANDARD DRY DENSITY DETERMINED BY METHODS IN ACCORDANCE WITH AS1289. THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADJUSTED TO WITHIN 5% OF THE OPTIMUM MOISTURE CONTENT DURING COMPACTION TO ENSURE THAT THE SPECIFIED COMPACTION IS OBTAINED.

SITWORKS

- SW1 ALL CONNECTIONS WITH EXISTING WORKS SHALL BE MADE SMOOTH.
- SW2 ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO ACHIEVE A DENSITY EQUIVALENT TO THE ADJACENT MATERIAL.
- SW3 ALL SERVICE TRENCHES SHALL BE BACKFILLED WITH SAND TO A LEVEL 300mm ABOVE THE PIPE. WHERE SERVICE TRENCHES ARE CONSTRUCTED UNDER VEHICULAR PAVEMENTS, BACKFILL THE REMAINDER OF THE TRENCH (TO UNDERSIDE OF PAVEMENT) WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 150mm DEPTH. BACKFILL MATERIAL SHALL BE COMPACTED TO A MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1 (CURRENT EDITION) OR A DENSITY INDEX OF NOT LESS THAN 75.
- SW4 PROVIDE A 10mm WIDE EXPANSION JOINT BETWEEN ALL BUILDINGS AND CONCRETE OR UNIT PAVEMENTS.

STORMWATER DRAINAGE

- SD1 PIPES UP TO 300mm DIAMETER SHALL BE SEWER GRADE UPVC WITH SOLVENT WELDED JOINTS.
- SD2 ALL "INTERNAL WORKS" WITHIN PROPERTY BOUNDARIES SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 3500.3 (CURRENT EDITION).
- SD3 ALL STORMWATER PIPES SHALL BE PROVIDED WITH MINIMUM PIPE COVER TO COMPLY WITH THE REQUIREMENTS OF AS/NZS 3500.3 (CURRENT EDITION).
- SD4 INSTALLATION OF ALL BURIED CONCRETE STORMWATER PIPES SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 3725 (CURRENT EDITION) DESIGN FOR INSTALLATION OF BURIED CONCRETE PIPES.
- SD5 ENLARGERS, CONNECTORS AND JUNCTIONS SHALL BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300mm DIAMETER.
- SD6 ALL STORMWATER DRAINAGE LINES SHALL HAVE A MINIMUM FALL OF 1% UNLESS NOTED OTHERWISE ON THE DRAWINGS. CARE SHALL BE TAKEN WITH SETTING LEVELS OF STORMWATER DRAINAGE LINES. GRADES SHOWN ON THE DRAWINGS SHALL NOT BE REDUCED WITHOUT THE WRITTEN CONSENT OF TRIAXIAL CONSULTING.
- SD7 GRATES AND COVERS SHALL COMPLY WITH THE REQUIREMENTS OF AS 3996 (CURRENT EDITION).
- SD8 AT ALL TIMES DURING THE CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE DOCUMENTED AND EXECUTED TO MITIGATE THE RISK OF PERSONAL INJURY AS A RESULT OF FALLS INTO PITS.
- SD9 ALL EXISTING STORMWATER LOCATIONS, INCLUDING INVERTS, TO BE CONFIRMED BY THE BUILDER/CONTRACTOR PRIOR TO THE COMMENCEMENT OF CIVIL WORKS ON SITE.
- SD10 ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN SHALL BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDANT/ENGINEER FOR FURTHER DIRECTIONS.
- SD11 INSTALLATION OF ALL BURIED FLEXIBLE PIPELINES SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 2566.2.
- SD12 SURFACE INSPECTION OPENING - IO - WHERE SHOWN, ARE DIAGRAMMATIC IN NATURE AND TO BE INSTALLED IN ACCORDANCE WITH AS3500.

SEDIMENT AND EROSION CONTROL

- SE1 CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION" (2004) (THE BLUE BOOK).
- SE2 DISTURBANCE SHALL BE KEPT TO A MINIMUM AND WITHIN THE LIMITS OF THE CONSTRUCTION SITE.
- SE3 ADDITIONAL CONTROLS SHALL BE INSTALLED AS REQUIRED AND IN ACCORDANCE WITH "THE BLUE BOOK".
- SE4 ALL INSTALLED CONTROLS SHALL BE INSPECTED AT LEAST WEEKLY AND IMMEDIATELY FOLLOWING A RAIN EVENT. MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.
- SE5 COMPLETED AREAS SHALL BE PROGRESSIVELY VEGETATED.
- SE6 CONTROL DEVICES, AS DETAILED, SHALL BE INSTALLED TO STORMWATER PITS IMMEDIATELY FOLLOWING THEIR CONSTRUCTION.

CONCRETE

- C1 ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS3600 CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- C2 READYMIX CONCRETE SUPPLY SHALL COMPLY WITH AS1379.
- C3 CONCRETE QUALITY, ALL THE REQUIREMENTS OF THE ACSE SPECIFICATION DOCUMENT 1 (EDITION 4), SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE. CONCRETE QUALITY SPECIFICATIONS AS SHOWN ON PLAN.
- C4 PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE AS1379.
- C5 NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING.
- C6 CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE AS PER CONCRETE COVER SCHEDULE UNLESS SHOWN OTHERWISE.
- C7 DURABILITY REQUIREMENTS FOR CONCRETE.

| EXPOSURE CLASS. AS3600: | MINIMUM CEMENT CONTENT: | MAXIMUM W/C RATIO: |
|-------------------------|-------------------------|--------------------|
| A1 & A2 | - | 0.56 |
| B1 | 320 | 0.56 |
| B2 | 390 | 0.46 |
| C | 450 | 0.40 |
- C8 ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT 1m MAX. CENTRES BOTH WAYS U.N.O. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS. USE PLASTIC CHAIRS IN EXPOSURE CONDITION GREATER THAN B1. MINIMUM BAR CHAIR SPACING FOR MESH REINFORCEMENT SHALL BE:

| | |
|---------------------------|----------|
| SL92, SL102, SL81, RL918: | 900 CTS. |
| SL72, SL82, RL818: | 600 CTS. |
- C9 NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- C10 CONSTRUCTION JOINTS WHERE NOT SHOWN SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.
- C11 ALL CONCRETE SHALL BE COMPACTED WITH MECHANICAL VIBRATORS.
- C12 THE ENGINEER SHALL BE GIVEN 24 HOURS NOTICE FOR REINFORCEMENT INSPECTIONS AND CONCRETE SHALL NOT BE DELIVERED UNTIL ENGINEERS APPROVAL IS OBTAINED.
- C13 WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER.
- C14 REINFORCEMENT BARS AND LIGATURES:
 - N_ HOT ROLLED DEFORMED BAR, GRADE 500 NORMAL DUCTILITY AS4671-DN500N
 - R_ HOT ROLLED ROUND BAR, GRADE 250 NORMAL DUCTILITY AS4671-R250N
 - W_ COLD DRAWN ROUND WIRE, GRADE 500 LOW DUCTILITY AS4671-R500L
 - S_ POOL STEEL HOT ROLLED DEFORMED BAR, GRADE 250 NORMAL DUCTILITY AS4671-D250N

NOTE: THE UNDERSCORE REPRESENTS NOMINAL BAR DIAMETER IN ACCORDANCE WITH AS4671

REINFORCEMENT FABRIC:

 - SL_ SQUARE MESH, COLD DRAWN RIBBED WIRE GRADE 500, LOW DUCTILITY AS4671-D500L
 - RL_ RECTANGULAR MESH, COLD DRAWN RIBBED WIRE GRADE 500, LOW DUCTILITY AS4671-D500L
 - _L_TM TRENCH MESH, COLD DRAWN RIBBED WIRE GRADE 500, LOW DUCTILITY AS4671-D500L

NOTE: THE UNDERSCORE REPRESENTS VARYING SPECIFICATIONS IN ACCORDANCE WITH AS4671.
- C15 REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
- C16 SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN POSITIONS SHOWN OR OTHERWISE APPROVED IN WRITING BY THE ENGINEER. LAPS SHALL BE IN ACCORDANCE WITH AS3600 AND NOT LESS THAN THE DEVELOPMENT LENGTH FOR EACH BAR.
- C17 STANDARD LAP AND COG LENGTHS UNLESS NOTED OTHERWISE ON DRAWINGS:

| BAR DIA. | MIN LAP LENGTH (mm) | MIN COG LENGTH (mm) |
|----------|---------------------|---------------------|
| N12 | 500 | 180 |
| N16 | 750 | 210 |
| N20 | 1000 | 260 |
| N24 | 1375 | 310 |
| N28 | 1560 | 360 |
| N32 | 1810 | 400 |

CONCRETE (CONTINUED)

- C18 CONCRETE SIZES DO NOT INCLUDE THICKNESSES OF APPLIED FINISHES.
- C19 DEPTHS OF BEAMS ARE GIVEN FIRST AND INCLUDE SLAB THICKNESS.
- C20 REFER TO ARCHITECT'S DETAILS, FOR CHAMFERS, DRIP GROOVES, REGLETS, ETC., MAINTAIN COVER TO REINFORCEMENT AT THESE DETAILS.
- C21 USE ALIPHATIC ALCOHOLS SPRAYED OVER THE SURFACE PRIOR TO AND AFTER FINISHING TO REDUCE RATE OF EVAPORATION FROM THE SURFACE AND HELP CONTROL PLASTIC SHRINKAGE CRACKING. NOTE THAT THE USE OF ALIPHATIC ALCOHOLS IS NOT A SUBSTITUTE FOR CURING.
- C22 COMMENCE CURING OPERATIONS PROMPTLY AFTER SURFACE FINISHING IS COMPLETE. CURING COMPOUNDS ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND ARE TO BE CHECKED FOR COMPATIBILITY WITH PROPOSED FLOOR FINISHES. SOME COMPOUNDS MAY REQUIRE REMOVAL FOR GLEUED DOWN FLOOR COVERINGS OR WET CURING AS DESCRIBED BELOW.

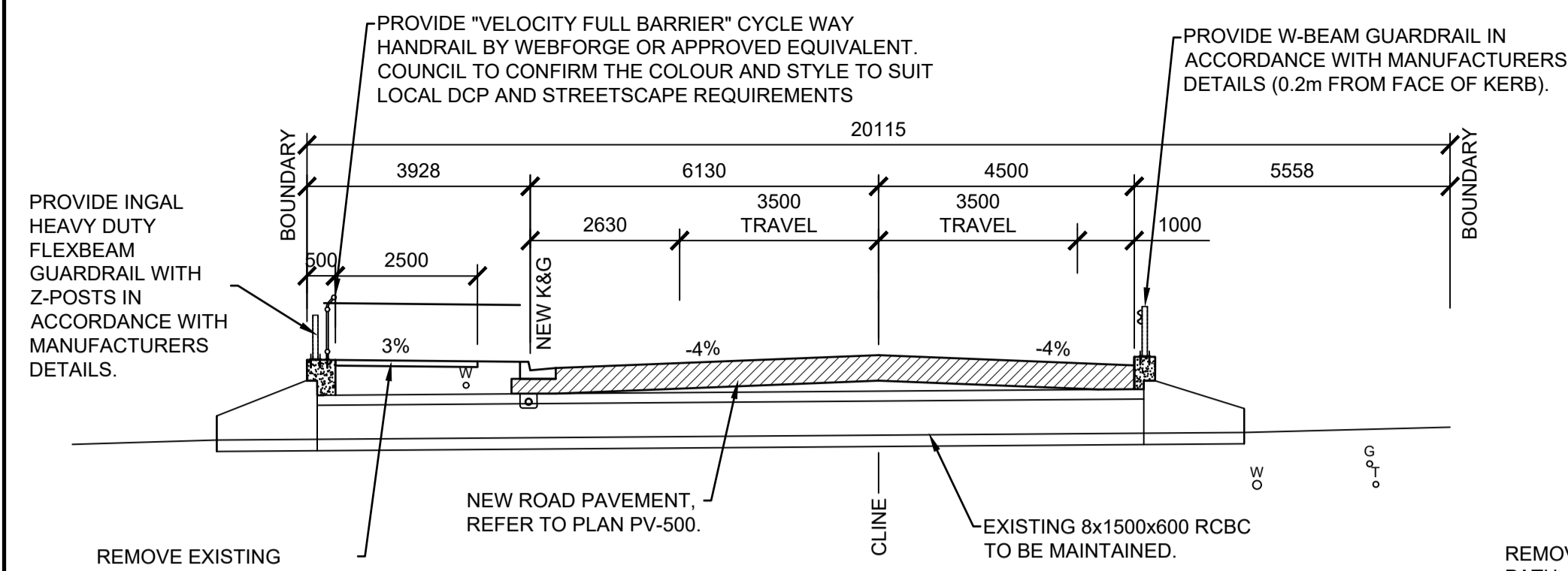
CONCRETE IS TO BE CURED BY KEEPING THE SURFACES CONTINUOUSLY WET FOR A PERIOD OF 3 DAYS, AND PREVENTING THE LOSS OF MOISTURE FOR A FURTHER 7 DAYS FOLLOWED BY A GRADUAL DRYING OUT.
- C23 PROPPING WHICH SUPPORTS CONSTRUCTION OVER IS TO BE LEFT IN PLACE AS REQUIRED TO AVOID OVER STRESSING THE STRUCTURE DUE TO CONSTRUCTION LOADING.
- C24 CONDUITS, PIPES ETC. SHALL ONLY BE LOCATED IN THE MIDDLE ONE THIRD OF SLAB DEPTH AND SPACED AT NOT LESS THAN 3 DIAMETERS OF THE CONDUIT, PIPES ETC. PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE COVER TO REINFORCEMENT.
- C25 MINIMUM MESH LAPS:
- C26 A 0.2mm POLYETHYLENE MEMBRANE SHALL BE CONTINUOUS UNDER SLAB LAPPED 200mm MIN. WHERE REQUIRED AND TAPED AT ALL SERVICE PENETRATIONS, LAPS AND PUNCTURES. THE MEMBRANE IS TO EXTEND UNDER AND TO THE SIDES OF SLABS, BEAMS AND THICKENINGS.

D.D.A. COMPLIANCE:

- D1 ALL ACCESS AND SIGNAGE WORKS TO BE IN ACCORDANCE WITH THE COMMONWEALTH DISABILITY (ACCESS TO PREMISES - BUILDINGS) STANDARDS.
- D2 ALL ACCESS WORKS SHOULD BE IN ACCORDANCE WITH AS1428(SET) DESIGN FOR ACCESS AND MOBILITY SET, INCLUDING AS1428.1 DESIGN FOR ACCESS AND MOBILITY. GENERAL REQUIREMENTS FOR ACCESS - NEW BUILDING WORK.
- D3 ALL ACCESSIBILITY PARKING AREAS SHOULD BE IN ACCORDANCE WITH AS2890(SET) - PARKING FACILITIES SET, INCLUDING AS2890.5 ON STREET PARKING AND ALSO INCLUDING AS2890.6 PARKING FACILITIES OFF-STREET PARKING FOR PEOPLE WITH DISABILITIES.
- D4 DIRECTIONAL TACTILE GROUND SURFACE INDICATORS (DTG's) SHOULD BE IN ACCORDANCE WITH AS1428.4
- D5 ALL PEDESTRIAN SURFACE MATERIALS SHOULD BE IN ACCORDANCE WITH AS4586 - SLIP RESISTANCE CLASSIFICATIONS OF NEW PEDESTRIAN SURFACE MATERIALS.

| | | | | | |
|--|---|---|--|---|---|
| ISSUE FOR CONSTRUCTION 19.05.23 01 CW ISSUE FOR TENDER 14.12.22 00 CW AMENDMENTS DATE ISSUE BY | NORTH POINT U.N.O. Public Works Department of Regional NSW CONTRACT No RFT-10055031 | CLIENT / LGF CESSNOCK CITY COUNCIL | PROJECT MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETT'S AVE) DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00- | TRIAxIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY 1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259 TO BE PRINTED IN COLOUR | DRAWING TITLE GENERAL NOTES PROJECT No. TX16685.00 CODE / SHEET No. GE-103 ISSUE 01 |
|--|---|---|--|---|---|

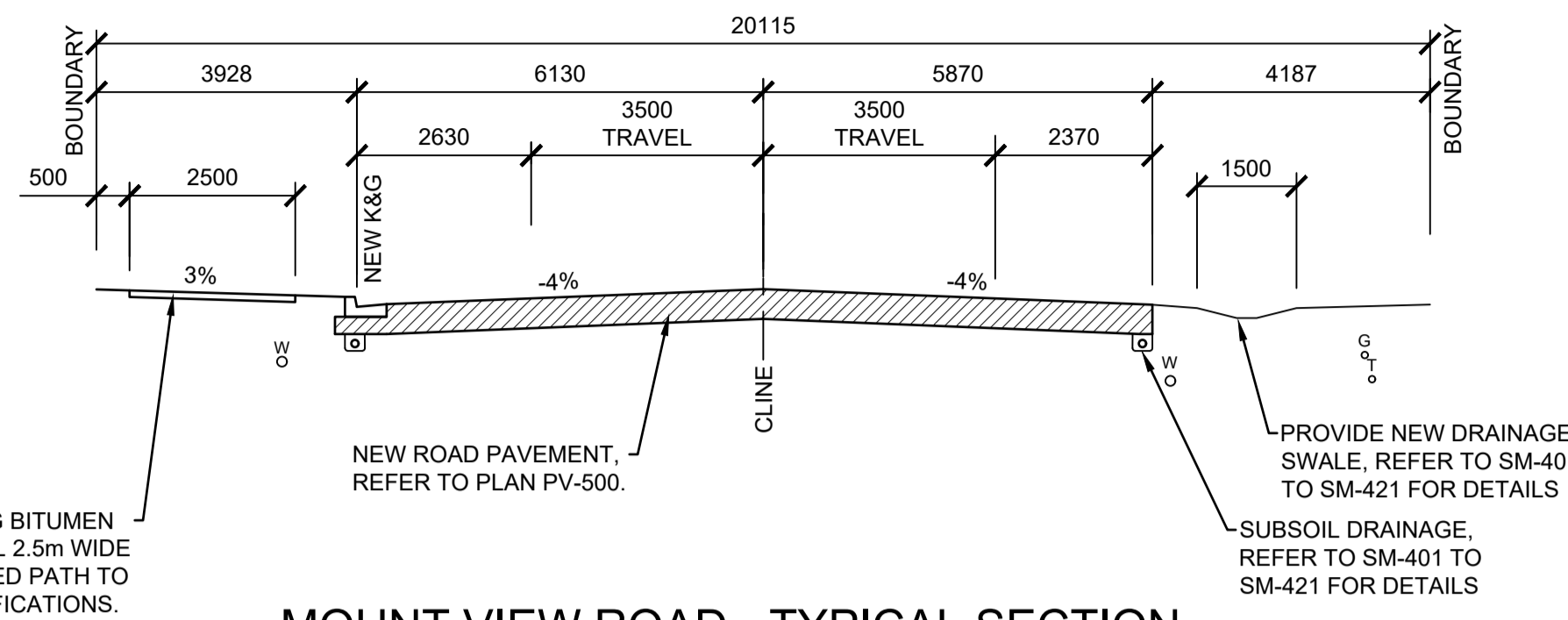
FOR CONSTRUCTION



MOUNT VIEW ROAD - TYPICAL SECTION

SCALE 1:100

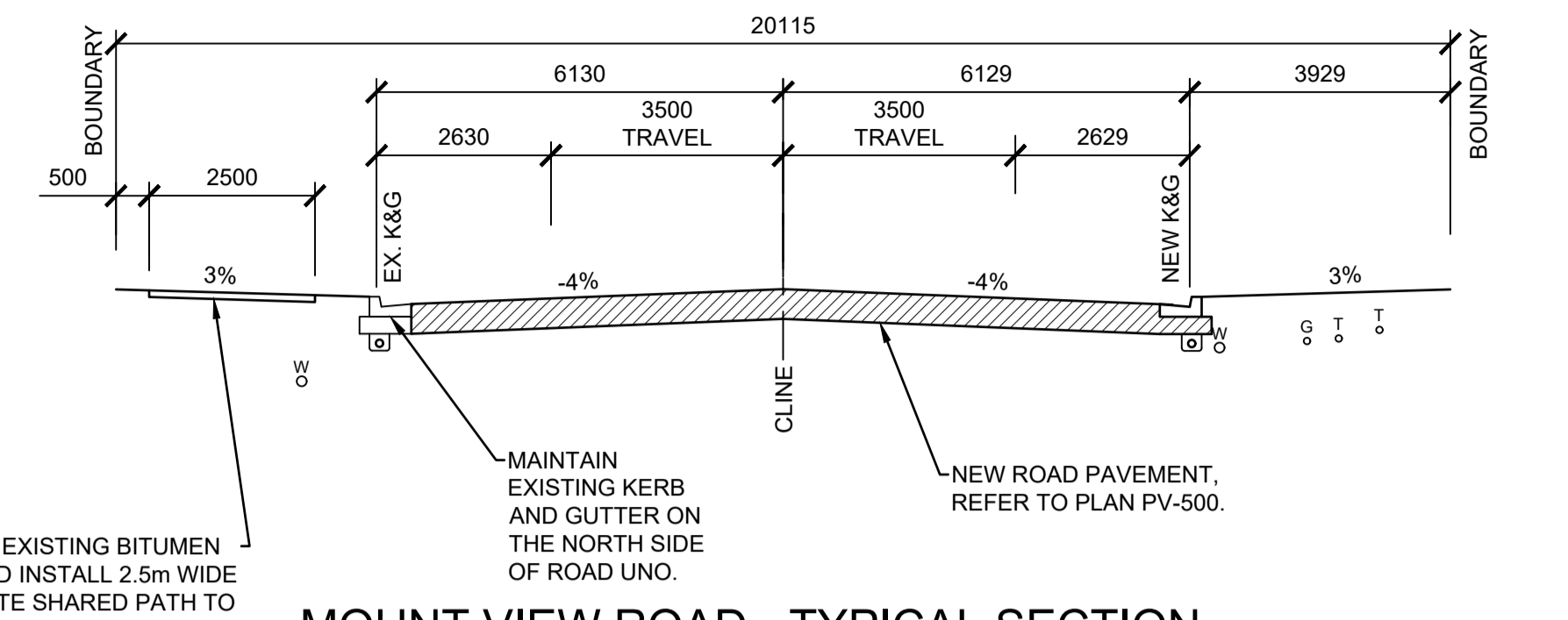
SECTION **A**
101



MOUNT VIEW ROAD - TYPICAL SECTION

SCALE 1:100

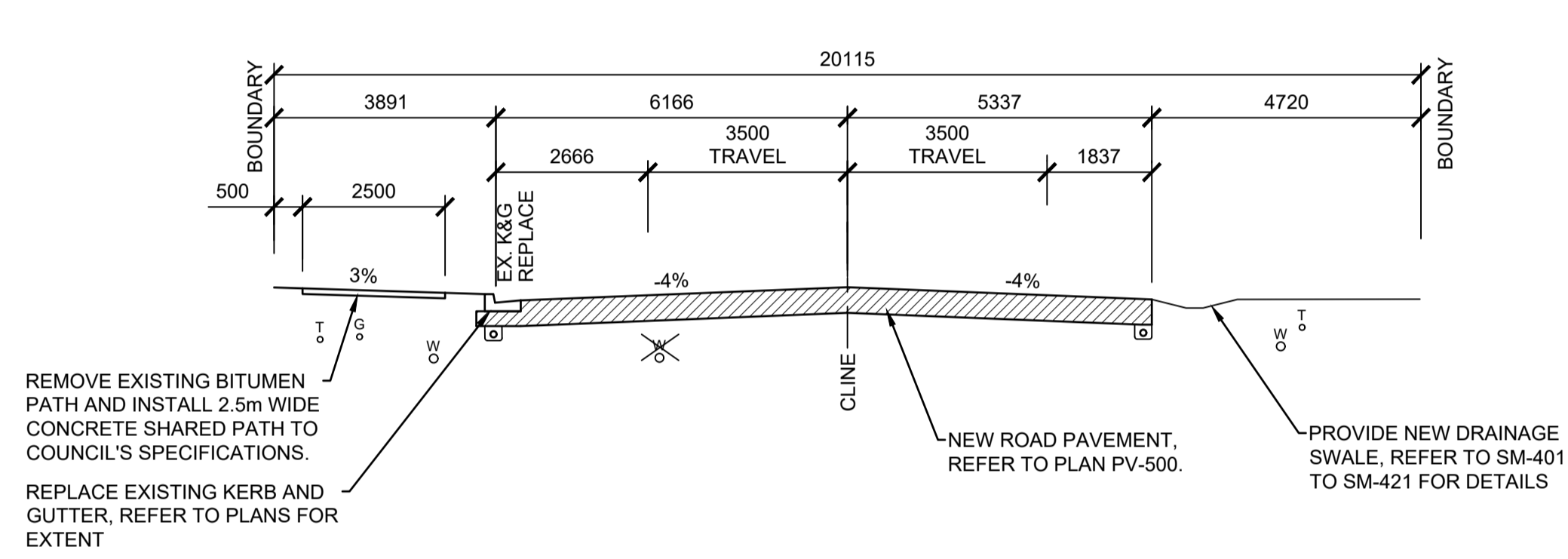
SECTION **B**
101



MOUNT VIEW ROAD - TYPICAL SECTION

SCALE 1:100

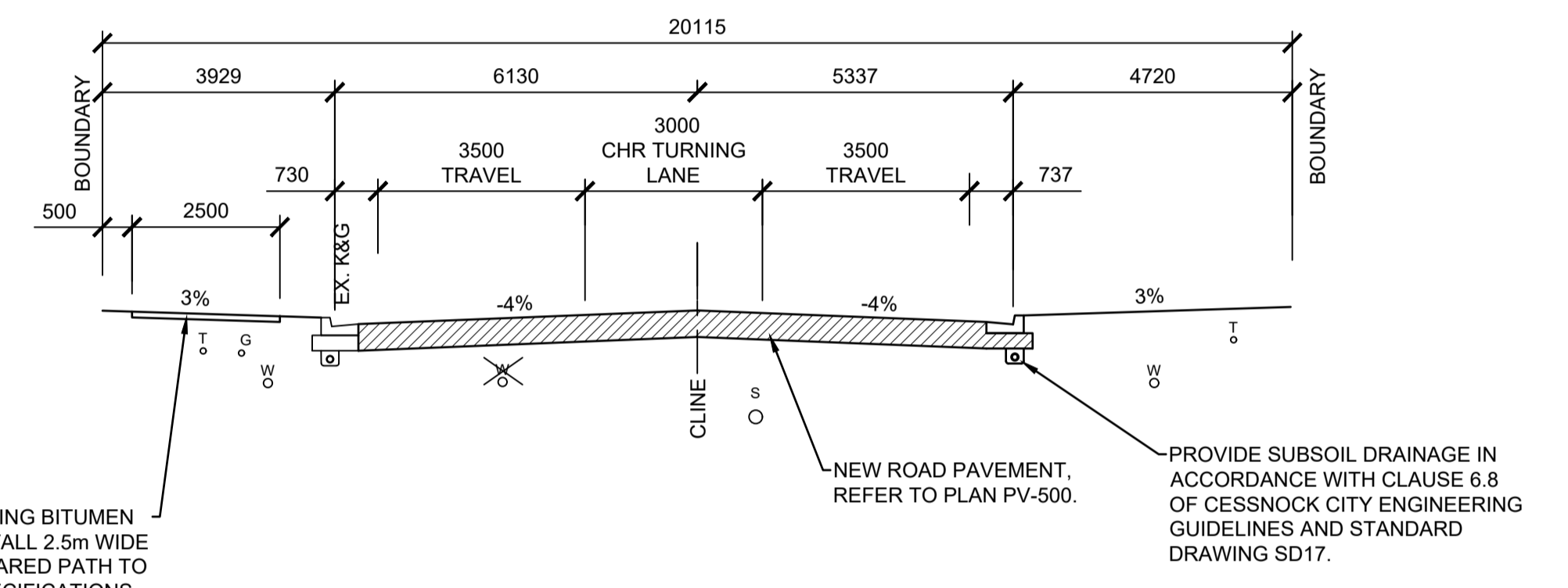
SECTION **C**
101



MOUNT VIEW ROAD - TYPICAL SECTION

SCALE 1:100

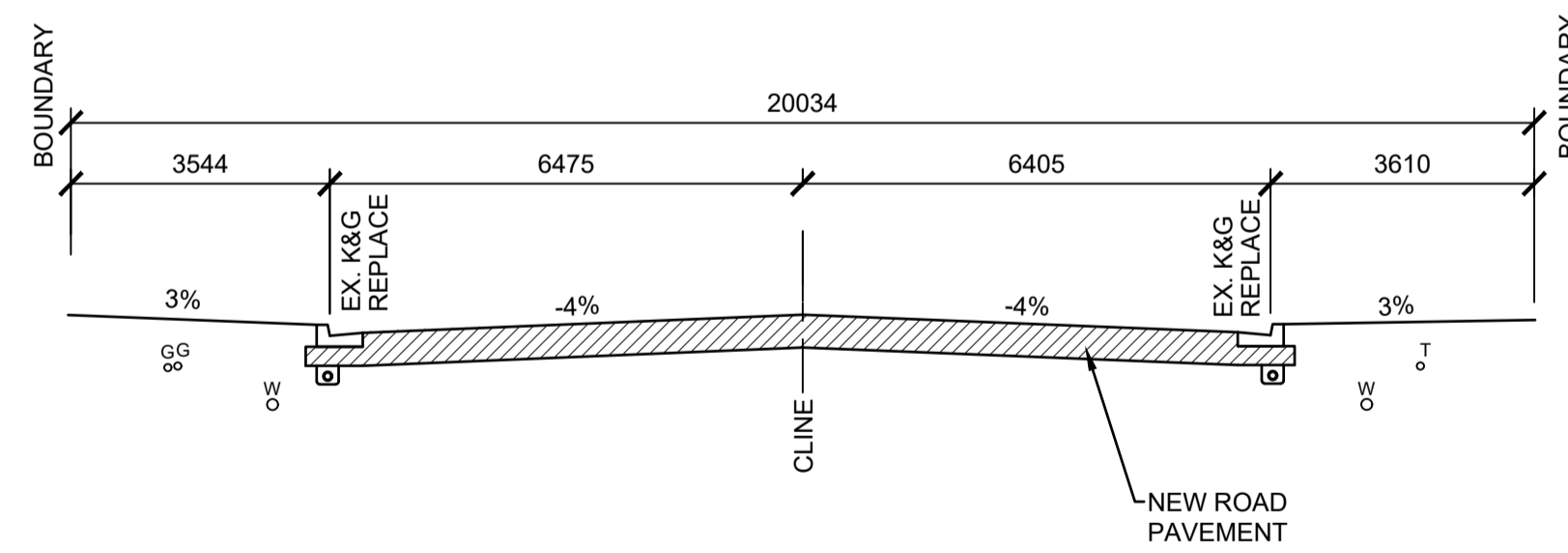
SECTION **D**
101



MOUNT VIEW ROAD - TYPICAL SECTION

SCALE 1:100

SECTION **E**
101



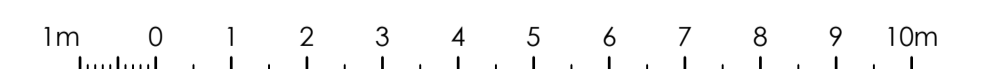
BARRETT AVENUE - TYPICAL SECTION

SCALE 1:100

SECTION **F**
101

| UTILITIES LEGEND | |
|------------------|-------------------------------------|
| W | WATERMAIN |
| G | EXISTING GAS MAIN |
| T | EXISTING COMMS MAIN |
| S | EXISTING SEWER MAIN |
| ⊗ | EXISTING WATER MAIN TO BE REDUNDANT |

NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



SCALE 1:100 AT A1 SHEET | 1:200 AT A3 SHEET

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGP

Public Works
 Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

TRIAxIAL CONSULTING

1300 874 294 | TRIAXIAL.COM.AU

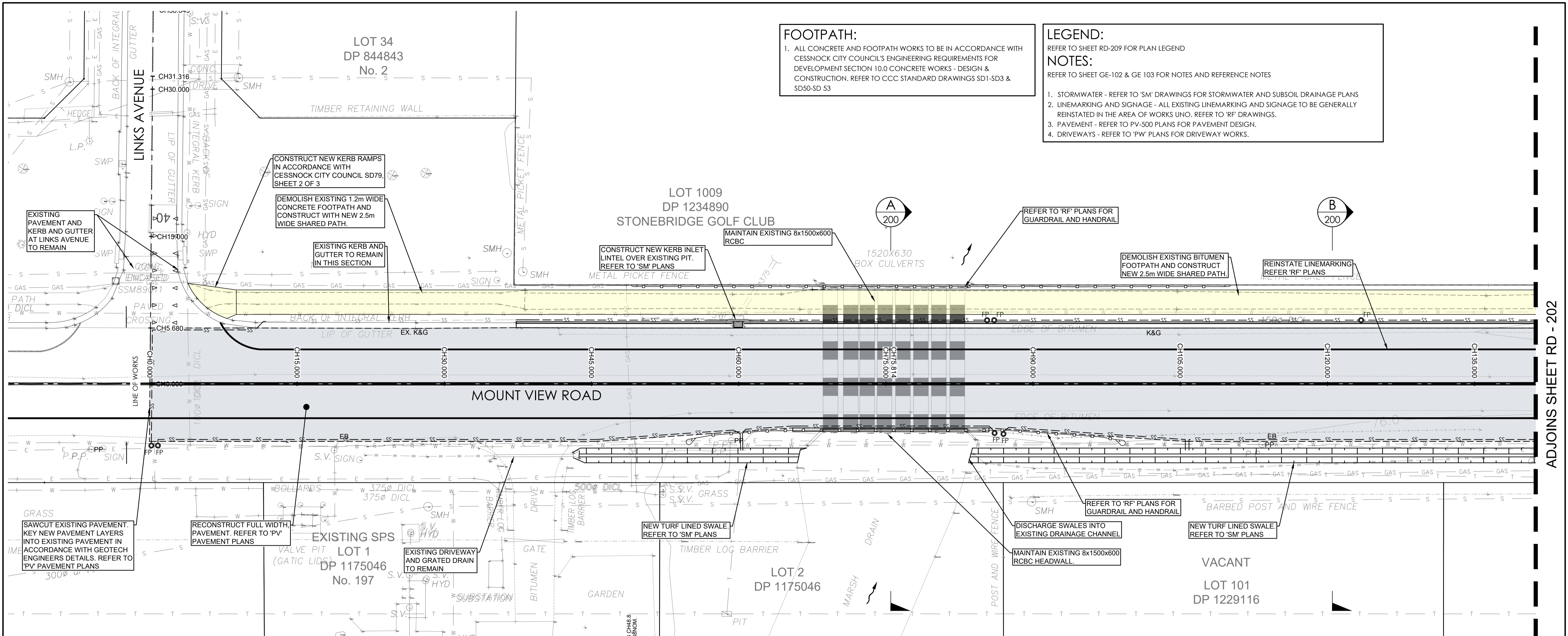
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

COMPLEX PROBLEMS
 RESOLVED SIMPLY

TO BE PRINTED IN COLOUR

DRAWING TITLE
ROAD TYPICAL SECTIONS

PROJECT No. **TX16685.00** CODE / SHEET No. **RD-200** ISSUE **01**



FOOTPATH:
 1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:
 REFER TO SHEET RD-209 FOR PLAN LEGEND

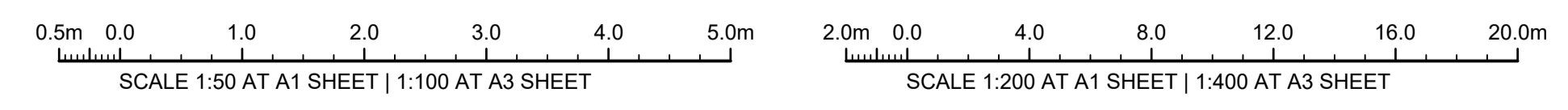
NOTES:
 REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES

1. STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
2. LINEMARKING AND SIGNAGE - ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS.
3. PAVEMENT - REFER TO PV-500 PLANS FOR PAVEMENT DESIGN.
4. DRIVEWAYS - REFER TO 'PW' PLANS FOR DRIVEWAY WORKS.

| | 0 | 15 | 30 | 45 | 50.505 | 57.172 | 60 | 60.505 | 70.505 | 72.996 | 75 | 75.914 | 82.996 | 85.417 | 90 | 92.996 | 105 | 120 | 135 | 140 | |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| EXISTING SURFACE | 76.880 | 76.598 | 76.544 | 76.490 | 76.471 | 76.466 | 76.447 | 76.445 | 76.404 | 76.393 | 76.384 | 76.380 | 76.357 | 76.350 | 76.334 | 76.324 | 76.280 | 76.201 | 76.196 | 76.119 | 76.310 |
| DESIGN | 76.735 | 76.660 | 76.585 | 76.510 | 76.482 | 76.466 | 76.469 | 76.470 | 76.532 | 76.557 | 76.576 | 76.582 | 76.617 | 76.619 | 76.611 | 76.596 | 76.523 | 76.432 | 76.340 | 76.119 | 76.310 |
| EXISTING SURFACE | 76.880 | 76.598 | 76.544 | 76.490 | 76.471 | 76.466 | 76.447 | 76.445 | 76.404 | 76.393 | 76.384 | 76.380 | 76.357 | 76.350 | 76.334 | 76.324 | 76.280 | 76.201 | 76.196 | 76.119 | 76.310 |
| CHAINAGE | 0 | 15 | 30 | 45 | 50.505 | 57.172 | 60 | 60.505 | 70.505 | 72.996 | 75 | 75.914 | 82.996 | 85.417 | 90 | 92.996 | 105 | 120 | 135 | 140 | |

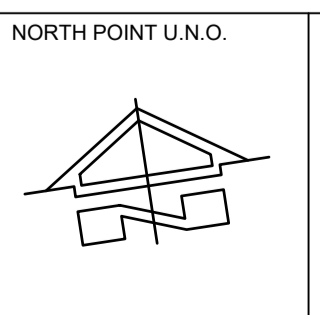
MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGV

Public Works
 Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
GENERAL ARRANGEMENT PLAN
 SHEET 1 OF 8

PROJECT No. **TX16685.00** RD-201 01
 CODE / SHEET No. ISSUE

ADJOINS SHEET RD - 202

FOOTPATH:

1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:

REFER TO SHEET RD-209 FOR PLAN LEGEND

NOTES:

REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES

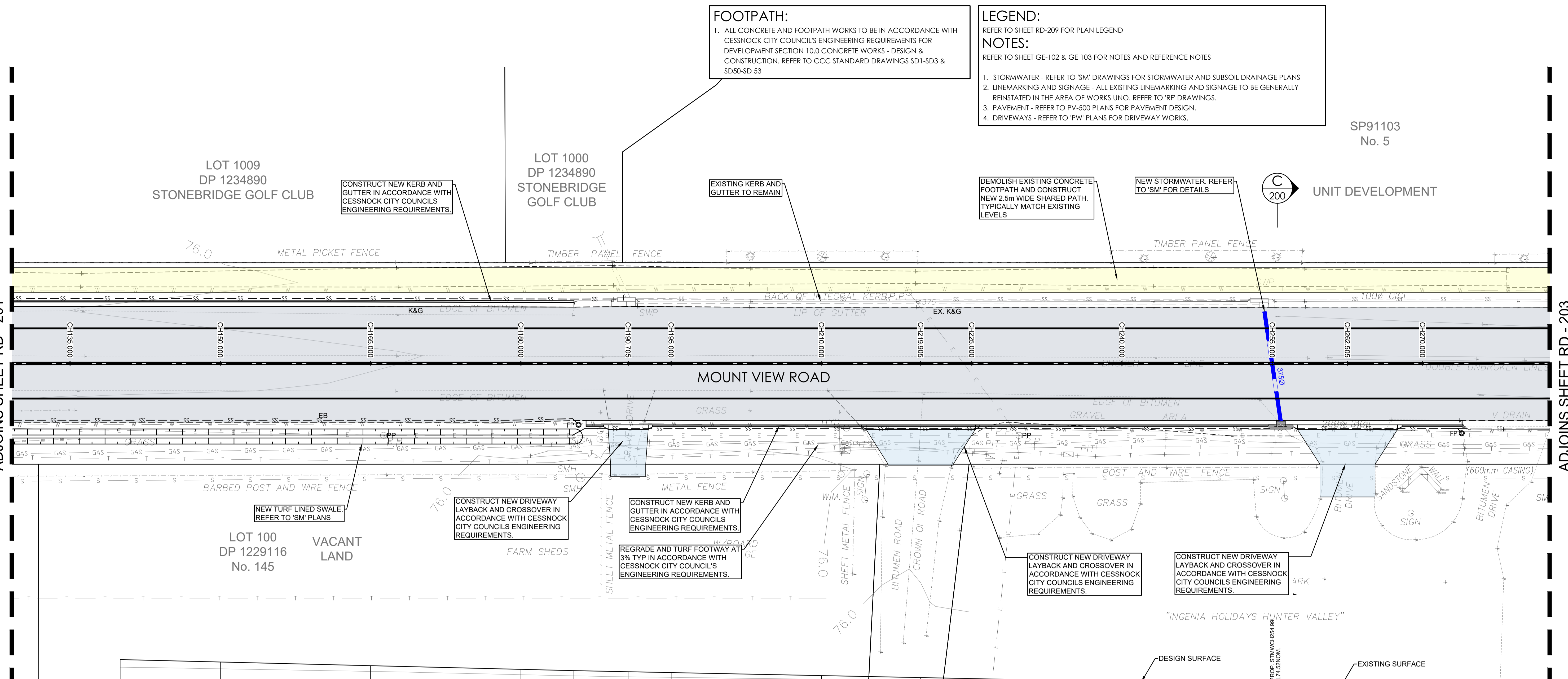
1. STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
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3. PAVEMENT - REFER TO PV-500 PLANS FOR PAVEMENT DESIGN.
4. DRIVEWAYS - REFER TO 'PW' PLANS FOR DRIVEWAY WORKS.

SP91103
No. 5

UNIT DEVELOPMENT

ADJOINS SHEET RD - 201

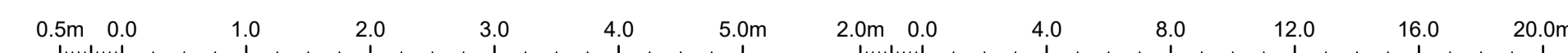
ADJOINS SHEET RD - 203



| | 140 | 150 | 165 | 180 | 185.284 | 190.705 | 195 | 210 | 219.905 | 225 | 240 | 255 | 262.505 | 270 | 280 |
|-------------------|--------|--------|---------|--------|---------|---------|--------|------------|---------|--------|---------|--------|---------|--------|--------|
| DATUM RL 74.000 | | | | | | | | | | | | | | | |
| HORIZONTAL CURVES | | | | | | | | L=1022.75m | | | | | | | |
| VERTICAL CURVES | | | 92.29m | | | | | | | | 172.89m | | | | |
| VERTICAL GRADES | | | -0.6% | | | | | | | | -0.5% | | | | |
| | | | 102.29m | | | | | | | | 172.89m | | | | |
| DESIGN | 76.310 | 76.249 | 76.157 | 76.066 | 76.033 | 76.006 | 75.985 | 75.910 | 75.860 | 75.835 | 75.760 | 75.685 | 75.647 | 75.610 | 75.560 |
| EXISTING SURFACE | 76.119 | 76.079 | 76.013 | 75.933 | 75.904 | 75.880 | 75.866 | 75.813 | 75.769 | 75.746 | 75.676 | 75.630 | 75.609 | 75.588 | 75.558 |
| CHAINAGE | 140 | 150 | 165 | 180 | 185.284 | 190.705 | 195 | 210 | 219.905 | 225 | 240 | 255 | 262.505 | 270 | 280 |

MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

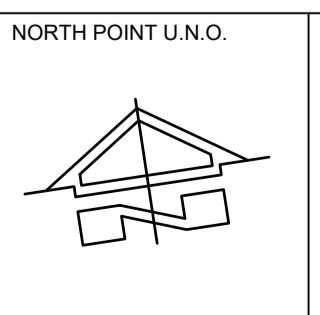
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



SCALE 1:50 AT A1 SHEET | 1:100 AT A3 SHEET | SCALE 1:200 AT A1 SHEET | 1:400 AT A3 SHEET

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

TRIAxIAL CONSULTING

1300 874 294 | TRIAXIAL.COM.AU

UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

COMPLEX PROBLEMS
RESOLVED SIMPLY

TO BE PRINTED IN COLOUR

DRAWING TITLE
GENERAL ARRANGEMENT PLAN
SHEET 2 OF 8

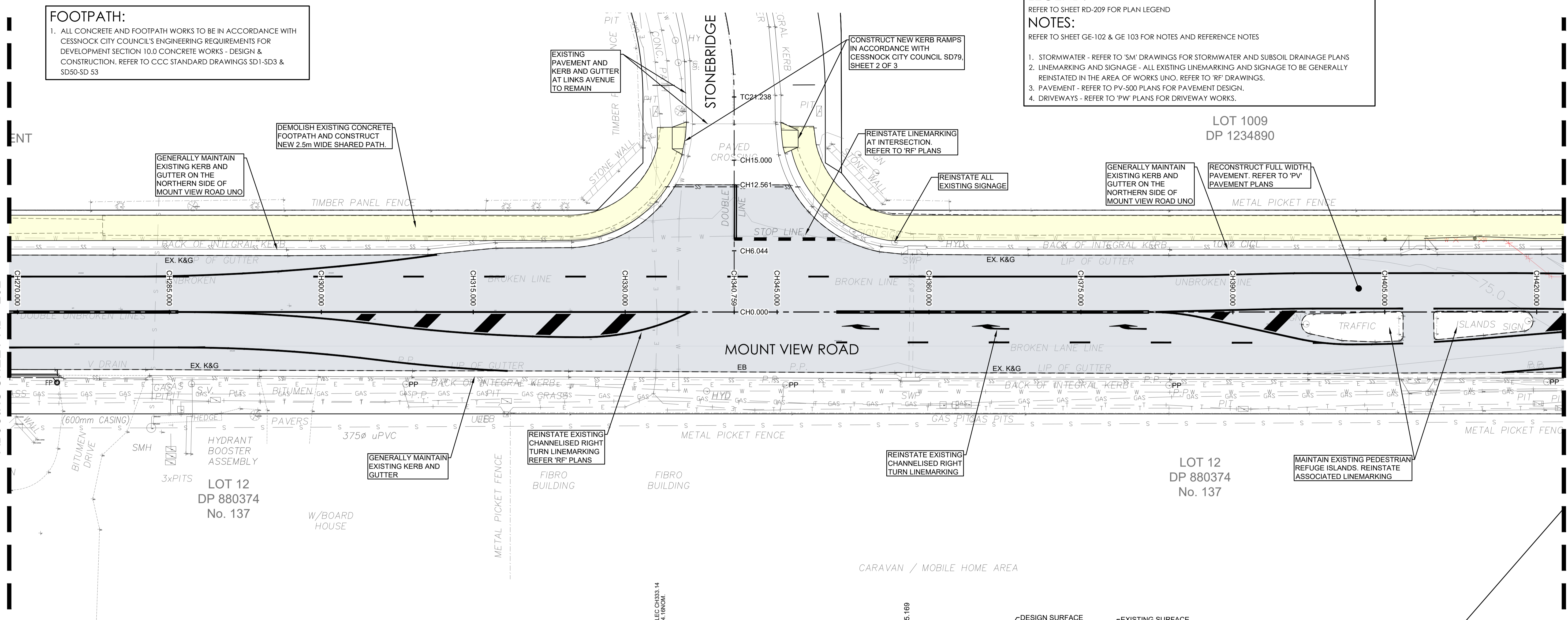
PROJECT No. **TX16685.00** RD-202 01
CODE / SHEET No. ISSUE

FOOTPATH:
 1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:
 REFER TO SHEET RD-209 FOR PLAN LEGEND
NOTES:
 REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES
 1. STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
 2. LINEMARKING AND SIGNAGE - ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS.
 3. PAVEMENT - REFER TO 'PV-500 PLANS FOR PAVEMENT DESIGN.
 4. DRIVEWAYS - REFER TO 'PW' PLANS FOR DRIVEWAY WORKS.

ADJOINS SHEET RD - 202

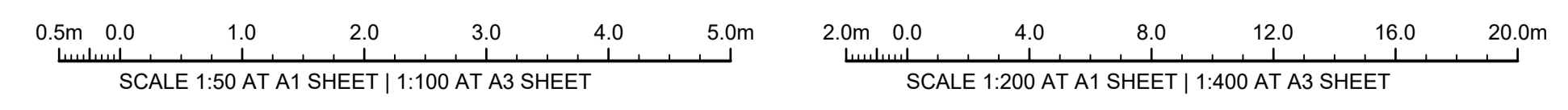
ADJOINS SHEET RD - 204



| DESIGN | 75.560 | 75.535 | 75.460 | 75.385 | 75.310 | 75.256 | 75.235 | 75.169 | 75.184 | 75.311 | 75.323 | 75.256 | 75.183 | 75.109 |
|------------------|--------|--------|--------|--------|--------|---------|--------|---------|--------|--------|---------|--------|--------|--------|
| EXISTING SURFACE | 75.558 | 75.516 | 75.413 | 75.368 | 75.283 | 75.232 | 75.211 | 75.148 | 75.152 | 75.196 | 75.200 | 75.197 | 75.183 | 75.079 |
| CHAINAGE | 280 | 285 | 300 | 315 | 330 | 340.759 | 345 | 358.176 | 360 | 375 | 376.378 | 390 | 405 | 420 |

MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

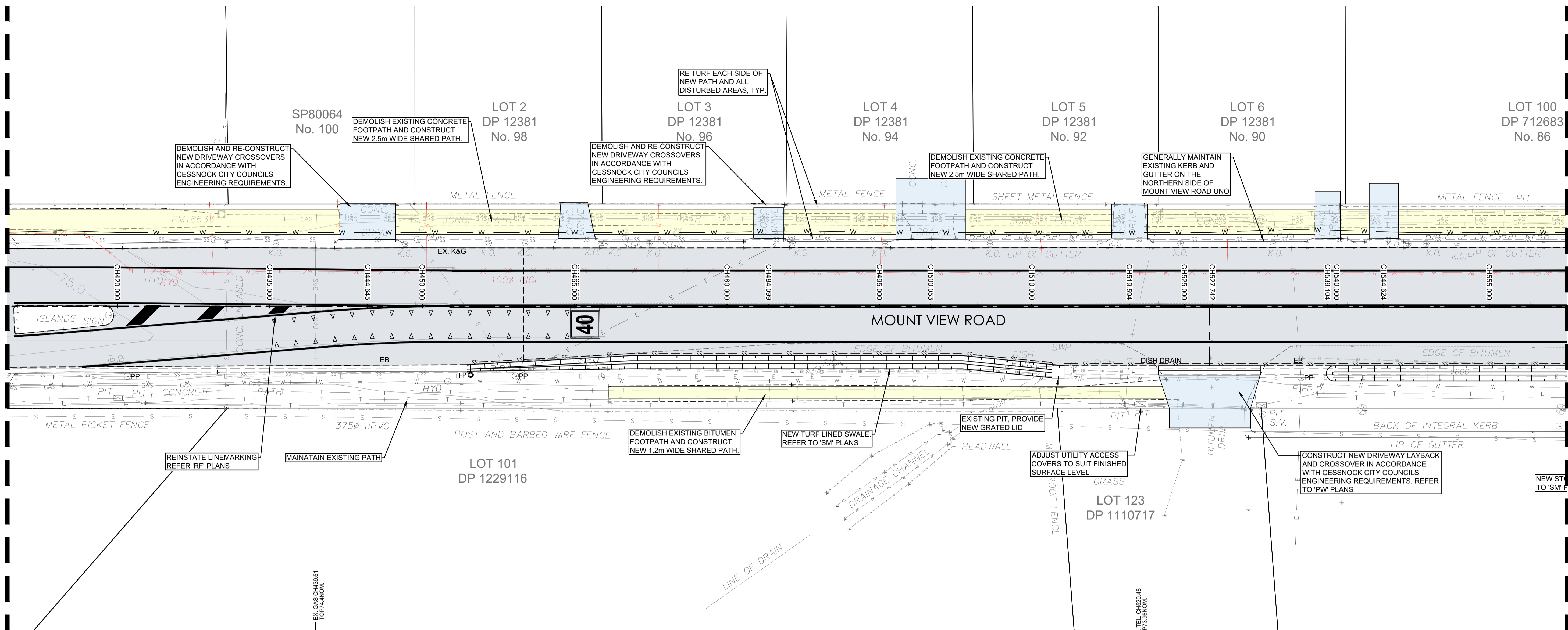
A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50



| | | | | | | |
|---|------------------------|---|--|--|--|--|
| ISSUE FOR CONSTRUCTION 19.05.23 01 CW ISSUE FOR TENDER 14.12.22 00 CW AMENDMENTS DATE ISSUE BY FOR CONSTRUCTION | NORTH POINT U.N.O. | CLIENT / LGP Public Works Department of Regional NSW CONTRACT No RFT-10055031 | | PROJECT MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETT'S AVE) DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00- | TRIAxIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY 1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259 TO BE PRINTED IN COLOUR | DRAWING TITLE GENERAL ARRANGEMENT PLAN SHEET 3 OF 8 PROJECT No. TX16685.00 CODE / SHEET No. RD-203 ISSUE 01 |
| | | | | | | |

ADJOINS SHEET RD - 203

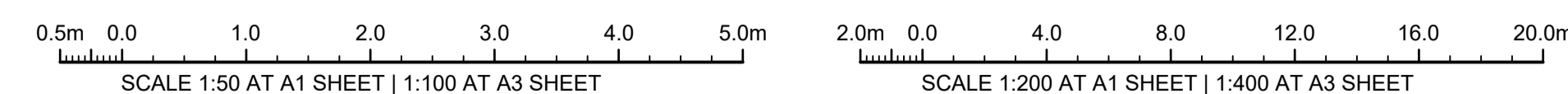
ADJOINS SHEET RD - 205



| | 420 | 435 | 444.645 | 450 | 460 | 465 | 465.199 | 480 | 484.089 | 495 | 500.053 | 505.39 | 510 | 519.594 | 525 | 527.742 | 539.104 | 540 | 544.624 | 555 | 560 |
|-------------------|--------|--------|---------|--------|--------|--------|---------|--------|---------|--------|---------|--------|--------|---------|--------|---------|---------|--------|---------|--------|--------|
| DATUM RL 73.000 | ----- | | | | | | | | | | | | | | | | | | | | |
| HORIZONTAL CURVES | ----- | | | | | | | | | | | | | | | | | | | | |
| VERTICAL CURVES | ----- | | | | | | | | | | | | | | | | | | | | |
| VERTICAL GRADES | ----- | | | | | | | | | | | | | | | | | | | | |
| DESIGN | 75.109 | 75.036 | 74.989 | 74.962 | 74.913 | 74.889 | 74.888 | 74.815 | 74.795 | 74.742 | 74.717 | 74.691 | 74.676 | 74.644 | 74.625 | 74.616 | 74.578 | 74.575 | 74.560 | 74.525 | 74.508 |
| EXISTING SURFACE | 75.079 | 75.024 | 74.972 | 74.936 | 74.877 | 74.847 | 74.846 | 74.790 | 74.777 | 74.732 | 74.712 | 74.691 | 74.663 | 74.575 | 74.540 | 74.523 | 74.453 | 74.447 | 74.428 | 74.401 | 74.387 |
| CHAINAGE | 420 | 435 | 444.645 | 450 | 460 | 465 | 465.199 | 480 | 484.089 | 495 | 500.053 | 505.39 | 510 | 519.594 | 525 | 527.742 | 539.104 | 540 | 544.624 | 555 | 560 |

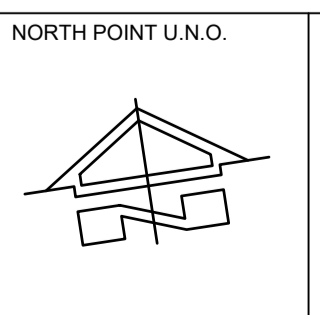
MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

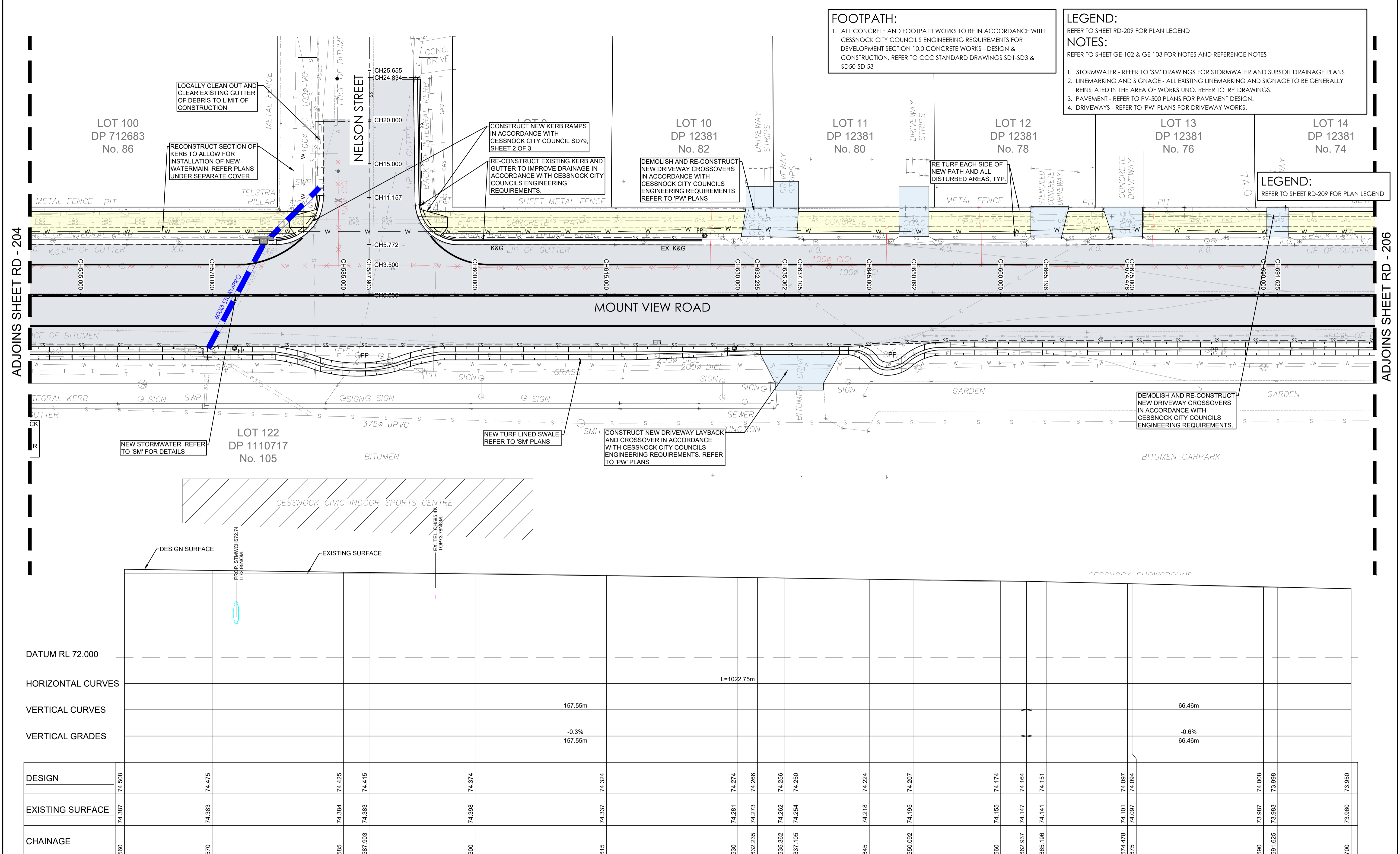
TRIAxIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
GENERAL ARRANGEMENT PLAN
SHEET 4 OF 8

PROJECT No. **TX16685.00** CODE / SHEET No. **RD-204** ISSUE **01**



FOOTPATH:
 1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:
 REFER TO SHEET RD-209 FOR PLAN LEGEND

NOTES:
 REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES

1. STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
2. LINEMARKING AND SIGNAGE - ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS.
3. PAVEMENT - REFER TO PV-500 PLANS FOR PAVEMENT DESIGN.
4. DRIVEWAYS - REFER TO 'PW' PLANS FOR DRIVEWAY WORKS.

LEGEND:
 REFER TO SHEET RD-209 FOR PLAN LEGEND

MOUNT VIEW ROAD

LOT 122
 DP 1110717
 No. 105

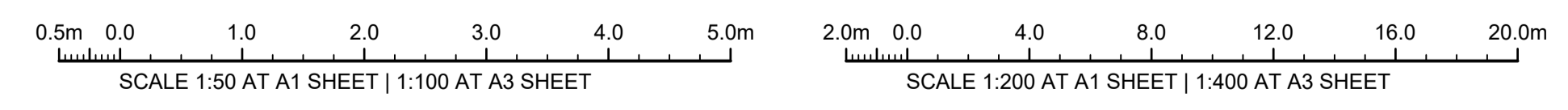
CONSTRUCT NEW DRIVEWAY LAYBACK AND CROSSOVER IN ACCORDANCE WITH CESSNOCK CITY COUNCILS ENGINEERING REQUIREMENTS. REFER TO 'PW' PLANS

DEMOLISH AND RE-CONSTRUCT NEW DRIVEWAY CROSSEOVERS IN ACCORDANCE WITH CESSNOCK CITY COUNCILS ENGINEERING REQUIREMENTS.

| DESIGN | EXISTING SURFACE | CHAINAGE |
|--------|------------------|----------|
| 74.508 | 74.387 | 560 |
| 74.475 | 74.383 | 570 |
| 74.425 | 74.384 | 585 |
| 74.415 | 74.383 | 587.903 |
| 74.374 | 74.388 | 600 |
| 74.324 | 74.337 | 615 |
| 74.274 | 74.281 | 630 |
| 74.266 | 74.273 | 632.235 |
| 74.256 | 74.262 | 635.362 |
| 74.250 | 74.254 | 637.105 |
| 74.224 | 74.218 | 645 |
| 74.207 | 74.195 | 650.092 |
| 74.174 | 74.155 | 660 |
| 74.164 | 74.147 | 662.937 |
| 74.151 | 74.141 | 665.196 |
| 74.097 | 74.101 | 674.478 |
| 74.094 | 74.097 | 675 |
| 74.008 | 73.987 | 690 |
| 73.998 | 73.983 | 691.625 |
| 73.950 | 73.960 | 700 |

MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50



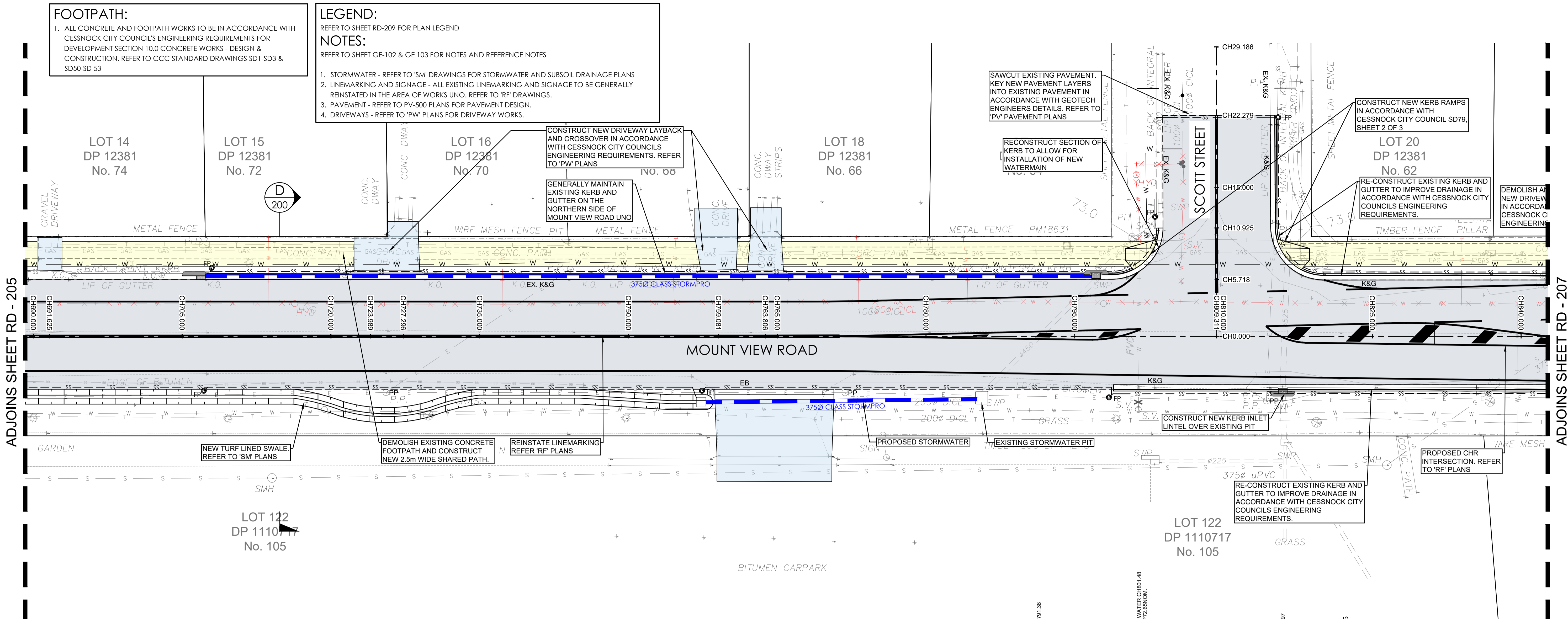
| | | | | | |
|--|------------------------|---|--|--|--|
| ISSUE FOR CONSTRUCTION 19.05.23 01 CW ISSUE FOR TENDER 14.12.22 00 CW AMENDMENTS DATE ISSUE BY | NORTH POINT U.N.O. | CLIENT / LGP Public Works Department of Regional NSW CONTRACT No RFT-10055031 | PROJECT MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETT'S AVE) | TRIAxIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY 1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259 TO BE PRINTED IN COLOUR | DRAWING TITLE GENERAL ARRANGEMENT PLAN SHEET 5 OF 8 PROJECT No. TX16685.00 CODE / SHEET No. RD-205 ISSUE 01 |
| | | | | | |

FOOTPATH:
 1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:
 REFER TO SHEET RD-209 FOR PLAN LEGEND

NOTES:
 REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES

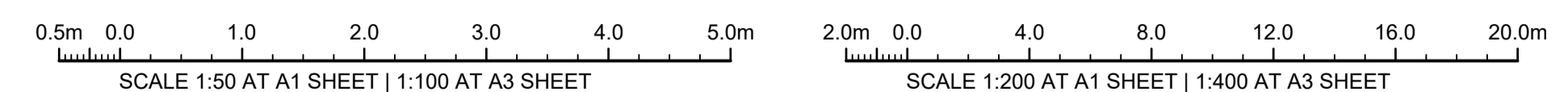
1. STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
2. LINEMARKING AND SIGNAGE - ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS.
3. PAVEMENT - REFER TO PV-500 PLANS FOR PAVEMENT DESIGN.
4. DRIVEWAYS - REFER TO 'PW' PLANS FOR DRIVEWAY WORKS.



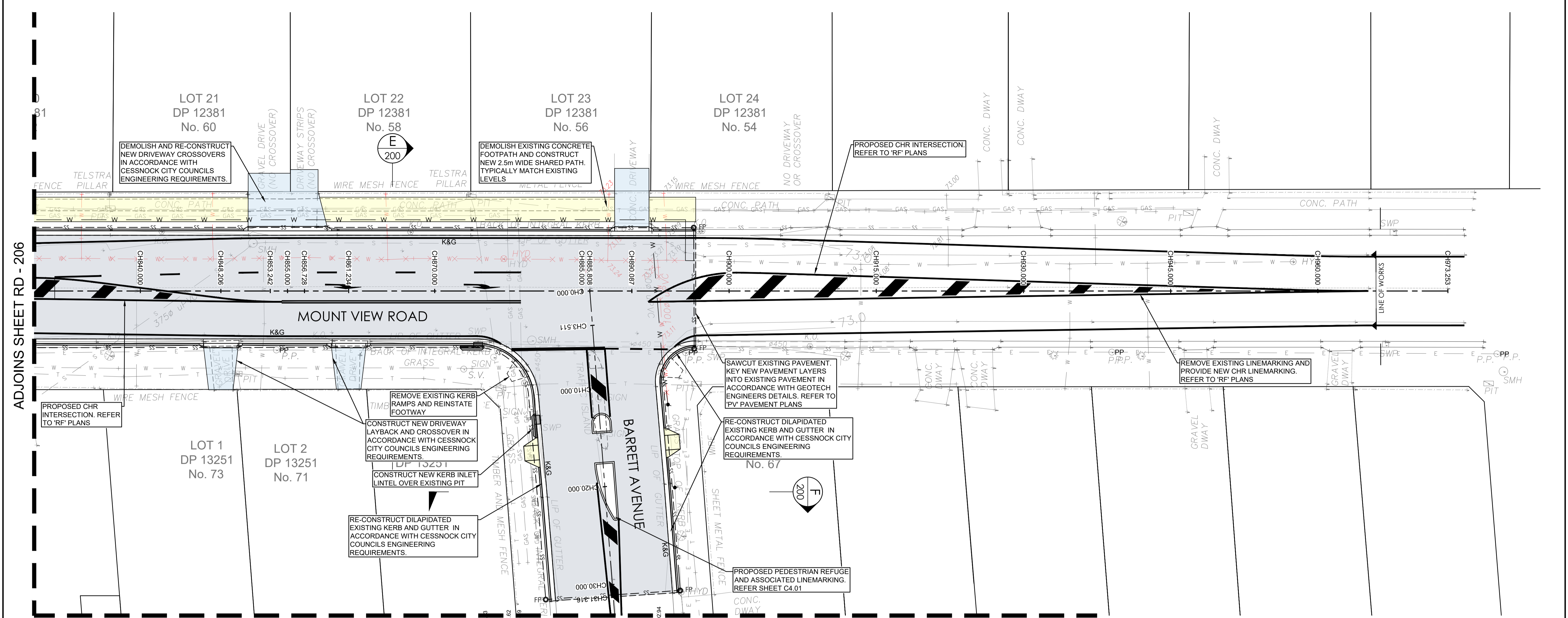
| DESIGN | 73.950 | 73.921 | 73.835 | 73.812 | 73.793 | 73.781 | 73.753 | 73.677 | 73.632 | 73.608 | 73.602 | 73.527 | 73.501 | 73.396 | 73.354 | 73.253 | 73.242 | 73.235 | 73.182 | 73.175 | 73.177 | 73.187 | 73.236 |
|------------------|--------|--------|--------|---------|---------|---------|--------|--------|---------|---------|--------|--------|---------|--------|---------|---------|---------|--------|---------|---------|--------|---------|--------|
| EXISTING SURFACE | 73.980 | 73.946 | 73.835 | 73.801 | 73.775 | 73.764 | 73.740 | 73.664 | 73.601 | 73.568 | 73.563 | 73.495 | 73.465 | 73.403 | 73.387 | 73.351 | 73.346 | 73.320 | 73.304 | 73.308 | 73.314 | 73.321 | 73.344 |
| CHAINAGE | 700 | 705 | 720 | 723.989 | 727.296 | 729.393 | 735 | 750 | 759.081 | 763.806 | 765 | 780 | 785.265 | 795 | 798.897 | 808.277 | 809.311 | 810 | 818.277 | 822.679 | 825 | 828.277 | 840 |

MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50



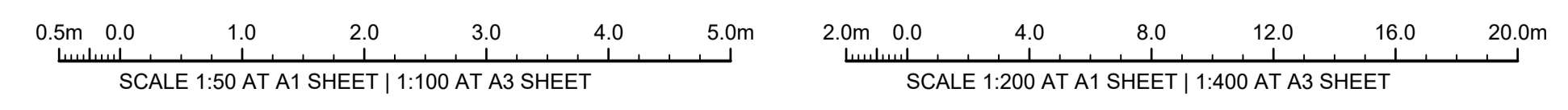
| | | | | | |
|---|------------------------|--|--|--|---|
| ISSUE FOR CONSTRUCTION 19.05.23 01 CW ISSUE FOR TENDER 14.12.22 00 CW AMENDMENTS DATE ISSUE BY FOR CONSTRUCTION | NORTH POINT U.N.O. | CLIENT / LG Public Works Department of Regional NSW CONTRACT No RFT-10055031 | PROJECT MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETT'S AVE) | TRIAxIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY 1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259 TO BE PRINTED IN COLOUR | DRAWING TITLE GENERAL ARRANGEMENT PLAN SHEET 6 OF 8 PROJECT No. TX16685.00 CODE / SHEET No. RD-206 ISSUE 01 |
|---|------------------------|--|--|--|---|



| | EXISTING SURFACE | | | | | | | | | | | | | | | | | DESIGN SURFACE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|------------------|---------|---------|---------|--------|---------|---------|---------|---------|--------|--------|---------|---------|---------|--------|---------|--------|----------------|--------|---------|--------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|--|--|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| DATUM RL 72.000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HORIZONTAL CURVES | L=1022.75m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VERTICAL CURVES | 19.36m | VC=40m | | | | | | | | | | | | | | | | 15.19m | VC=40m | | | | | | | | | | | | | | | | 44.44m | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VERTICAL GRADES | 0.4% | | | | | | | | | | | | | | | | | -0.4% | | | | | | | | | | | | | | | | | -0.8% | | | | | | | | | | | | | | | | | -0% | | | | | | | | | | | | | | | | |
| | 49.36m | | | | | | | | | | | | | | | | | 55.19m | | | | | | | | | | | | | | | | | 42.22m | | | | | | | | | | | | | | | | | 26.83m | | | | | | | | | | | | | | | | |
| DESIGN | 73.236 | 73.268 | 73.270 | 73.288 | 73.293 | 73.298 | 73.306 | 73.311 | 73.311 | 73.310 | 73.282 | 73.279 | 73.272 | 73.262 | 73.222 | 73.211 | 73.155 | 73.111 | 73.065 | 72.971 | 72.954 | 72.858 | 72.835 | 72.806 | 73.344 | 73.337 | 73.337 | 73.333 | 73.321 | 73.330 | 73.330 | 73.329 | 73.322 | 73.332 | 73.315 | 73.298 | 73.230 | 73.220 | 73.166 | 73.123 | 73.081 | 72.977 | 72.960 | 72.834 | 72.793 | 72.789 | | | | | | | | | | | | | | | | | | | | | | |
| EXISTING SURFACE | 840 | 847.635 | 848.206 | 853.242 | 855 | 856.728 | 861.234 | 867.635 | 868.089 | 870 | 885 | 885.808 | 887.635 | 890.087 | 900 | 902.827 | 915 | 922.827 | 930 | 942.827 | 945 | 960 | 965.048 | 973.253 | 73.344 | 73.337 | 73.337 | 73.333 | 73.321 | 73.330 | 73.330 | 73.329 | 73.322 | 73.332 | 73.315 | 73.298 | 73.230 | 73.220 | 73.166 | 73.123 | 73.081 | 72.977 | 72.960 | 72.834 | 72.793 | 72.789 | | | | | | | | | | | | | | | | | | | | | | |
| CHAINAGE | 840 | 847.635 | 848.206 | 853.242 | 855 | 856.728 | 861.234 | 867.635 | 868.089 | 870 | 885 | 885.808 | 887.635 | 890.087 | 900 | 902.827 | 915 | 922.827 | 930 | 942.827 | 945 | 960 | 965.048 | 973.253 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

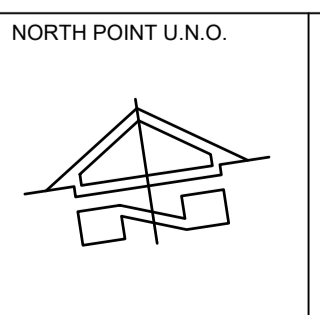
MOUNT VIEW ROAD CL - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

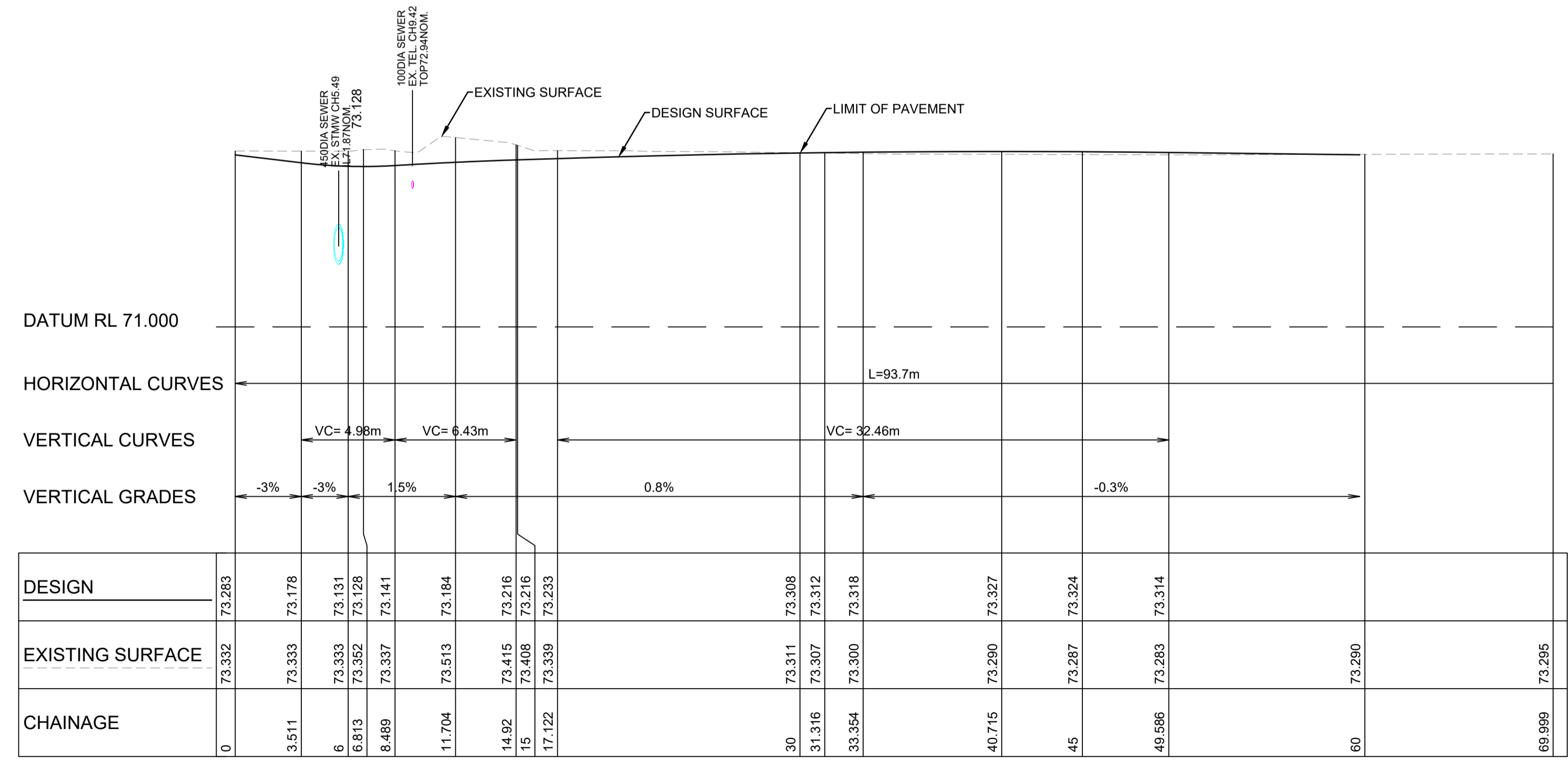
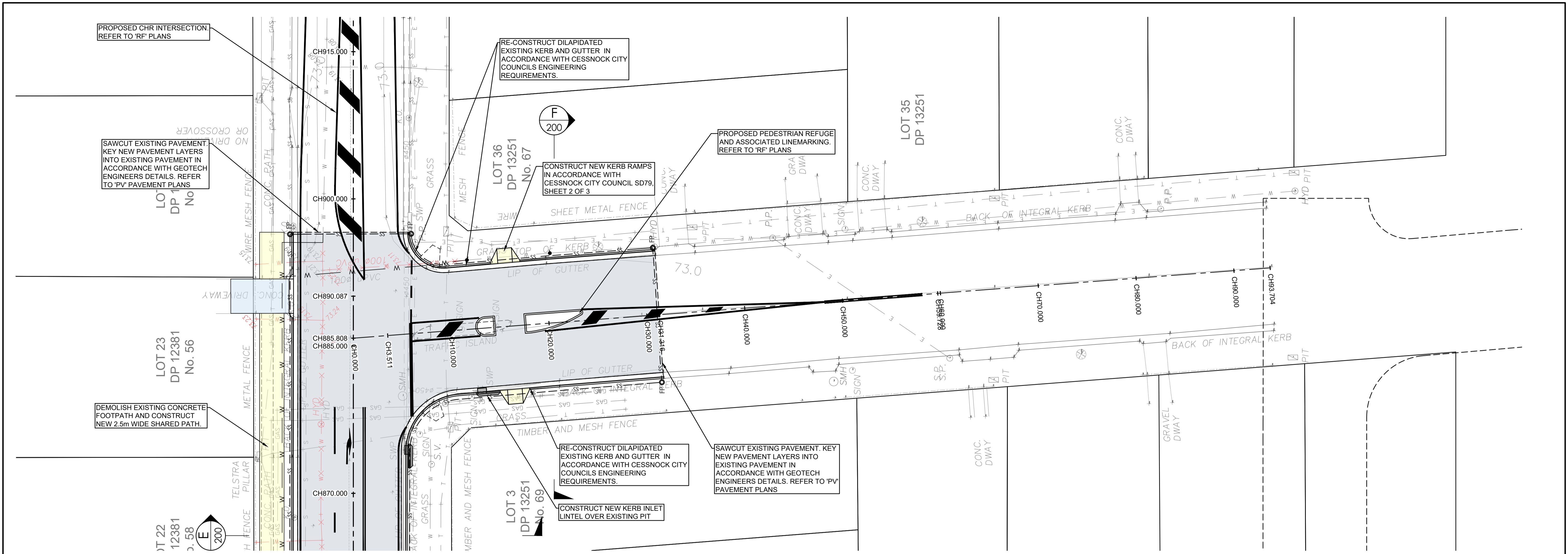
TRIAxIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
**GENERAL ARRANGEMENT PLAN
SHEET 7 OF 8**

PROJECT No. **TX16685.00** RD-207 01
CODE / SHEET No. RD-207 01
ISSUE



BARRETT AVE CL - LONGITUDINAL SECTION

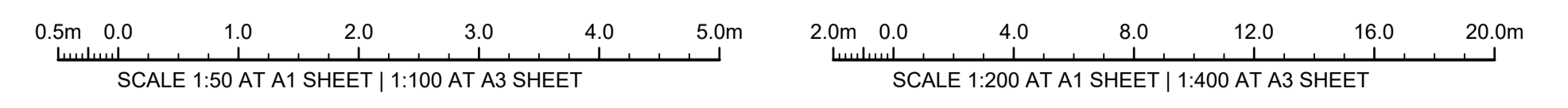
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50

FOOTPATH:
1. ALL CONCRETE AND FOOTPATH WORKS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10.0 CONCRETE WORKS - DESIGN & CONSTRUCTION. REFER TO CCC STANDARD DRAWINGS SD1-SD3 & SD50-SD 53

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

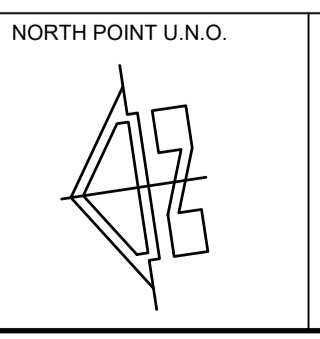
NOTES:
REFER TO SHEET GE-102 & GE 103 FOR NOTES AND REFERENCE NOTES

- STORMWATER - REFER TO 'SM' DRAWINGS FOR STORMWATER AND SUBSOIL DRAINAGE PLANS
- LINEMARKING AND SIGNAGE - ALL EXISTING LINEMARKING AND SIGNAGE TO BE GENERALLY REINSTATED IN THE AREA OF WORKS UNO. REFER TO 'RF' DRAWINGS.
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ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
GENERAL ARRANGEMENT PLAN
SHEET 8 OF 8

PROJECT No. **TX16685.00** CODE / SHEET No. **RD-208** ISSUE **01**

LEGEND - CIVIL

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|--------|--|--------|---|--------|--|
| | PROPOSED ROAD PAVEMENT REFER TO 'PW' PLANS | | GRATED INLET PIT (GIP) (U.N.O.) | | DENOTES GASMAIN IN VICINITY |
| | PROPOSED PATH / CONCRETE IN ACCORDANCE WITH CCC REQUIREMENTS REFER TO 'PW' PLANS | | JUNCTION PIT (JP) / GRATED PIT (GP) (U.N.O.) | | DENOTES SEWER MANHOLE |
| | PROPOSED KERB AND GUTTER | | CONCRETE HEADWALL | | DENOTES SEWER RISING MAIN IN VICINITY |
| | NEW STORMWATER LINE @ 1.0% MIN. FALL U.N.O. | | SURVEY | | DENOTES SEWERMAIN IN VICINITY |
| | PROPOSED HWC WATER MAIN | | DENOTES BOTTOM OF BANK | | DENOTES FIBRE OPTIC MAIN IN VICINITY |
| | PROPOSED SUBSURFACE DRAINAGE | | DENOTES TOP OF BANK | | DENOTES TELSTRA MAIN IN VICINITY |
| | PROPOSED SUBSURFACE DRAINAGE FLUSH POINT / INSPECTION OPENING | | DENOTES EDGE OF BITUMEN | | DENOTES TELSTRA PIT |
| | DESIGN LEVEL | | DENOTES FENCELINE | | DENOTES TREE |
| | TOP OF KERB | | DENOTES EXISTING STORMWATER PIPE (APPROX LOCATION) | | DENOTES EDGE OF VEGETATION |
| | WATER TABLE | | DENOTES STORMWATER KERB INLET PIT | | DENOTES WATER METER |
| | FINISHED SURFACE LEVEL | | DENOTES STORMWATER PIT | | DENOTES HYDRANT |
| | COVER LEVEL | | DENOTES KERB OUTLET | | DENOTES STOP VALVE |
| | INVERT LEVEL | | DENOTES EXISTING STORMWATER OUTLET (APPROX LOCATION NOT SURVEYED) | | DENOTES WATERMAIN IN VICINITY |
| | FINISHED FLOOR LEVEL | | DENOTES OVERHEAD POWER IN VICINITY | | DENOTES BITUMEN CARRIAGEWAY |
| | BENCH LEVEL | | DENOTES UNDERGROUND POWER IN VICINITY | | DENOTES CONCRETE PATH |
| | NATURAL SURFACE LEVEL | | DENOTES POWER POLE | | DENOTES GRAVEL CARRIAGEWAY |
| | PROPOSED EDGE OF BITUMEN | | DENOTES SERVICE POLE | | DENOTES NEW DRIVEWAY CROSSOVER REFER TO 'PW' PLANS |
| | PROPOSED KERB AND GUTTER | | | | |
| | EXISTING KERB AND GUTTER | | | | |
| | POWER POLE | | | | |
| | DIRECTION OF FLOW | | | | |

BARRETT AVE CL - SETOUT TABLE

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING |
|------|----------|------------|-------------|--------|---------------|
| IP 1 | 0.000 | 345029.183 | 6366208.501 | 73.283 | 184°12'22.76" |
| | 10.000 | 345028.449 | 6366198.528 | 73.163 | 184°12'22.76" |
| | 20.000 | 345027.716 | 6366188.554 | 73.255 | 184°12'22.76" |
| | 30.000 | 345026.983 | 6366178.581 | 73.308 | 184°12'22.76" |
| | 40.000 | 345026.249 | 6366168.608 | 73.327 | 184°12'22.76" |
| | 50.000 | 345025.516 | 6366158.635 | 73.313 | 184°12'22.76" |
| | 60.000 | 345024.782 | 6366148.662 | | 184°12'22.76" |
| | 70.000 | 345024.049 | 6366138.689 | | 184°12'22.76" |
| | 80.000 | 345023.315 | 6366128.716 | | 184°12'22.76" |
| | 90.000 | 345022.582 | 6366118.743 | | 184°12'22.76" |
| IP 2 | 93.704 | 345022.310 | 6366115.049 | | 184°12'22.76" |

MOUNT VIEW ROAD CL - SETOUT TABLE

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING |
|------|----------|------------|-------------|--------|--------------|
| IP 1 | -49.495 | 344104.369 | 6366348.182 | 77.314 | 98°35'20.00" |
| | -45.000 | 344108.814 | 6366347.511 | 77.247 | 98°35'20.00" |
| | -30.000 | 344123.646 | 6366345.271 | 77.022 | 98°35'20.00" |
| | -15.000 | 344138.477 | 6366343.030 | 76.877 | 98°35'20.00" |
| | 0.000 | 344153.309 | 6366340.790 | 76.735 | 98°35'20.00" |
| | 15.000 | 344168.141 | 6366338.550 | 76.660 | 98°35'20.00" |
| | 30.000 | 344182.973 | 6366336.310 | 76.585 | 98°35'20.00" |
| | 45.000 | 344197.804 | 6366334.070 | 76.510 | 98°35'20.00" |
| | 60.000 | 344212.636 | 6366331.830 | 76.469 | 98°35'20.00" |
| | 75.000 | 344227.468 | 6366329.590 | 76.576 | 98°35'20.00" |
| | 90.000 | 344242.300 | 6366327.349 | 76.611 | 98°35'20.00" |
| | 105.000 | 344257.132 | 6366325.109 | 76.523 | 98°35'20.00" |
| | 120.000 | 344271.963 | 6366322.869 | 76.432 | 98°35'20.00" |
| | 135.000 | 344286.795 | 6366320.629 | 76.340 | 98°35'20.00" |
| | 150.000 | 344301.627 | 6366318.389 | 76.249 | 98°35'20.00" |
| | 165.000 | 344316.459 | 6366316.149 | 76.157 | 98°35'20.00" |
| | 180.000 | 344331.290 | 6366313.908 | 76.066 | 98°35'20.00" |
| | 195.000 | 344346.122 | 6366311.668 | 75.985 | 98°35'20.00" |
| | 210.000 | 344360.954 | 6366309.428 | 75.910 | 98°35'20.00" |
| | 225.000 | 344375.786 | 6366307.188 | 75.835 | 98°35'20.00" |
| | 240.000 | 344390.618 | 6366304.948 | 75.760 | 98°35'20.00" |
| | 255.000 | 344405.449 | 6366302.708 | 75.685 | 98°35'20.00" |
| | 270.000 | 344420.281 | 6366300.468 | 75.610 | 98°35'20.00" |
| | 285.000 | 344435.113 | 6366298.227 | 75.535 | 98°35'20.00" |
| | 300.000 | 344449.945 | 6366295.987 | 75.460 | 98°35'20.00" |
| | 315.000 | 344464.776 | 6366293.747 | 75.385 | 98°35'20.00" |
| | 330.000 | 344479.608 | 6366291.507 | 75.310 | 98°35'20.00" |
| | 345.000 | 344494.440 | 6366289.267 | 75.235 | 98°35'20.00" |
| | 360.000 | 344509.272 | 6366287.027 | 75.184 | 98°35'20.00" |
| | 375.000 | 344524.104 | 6366284.786 | 75.311 | 98°35'20.00" |
| | 390.000 | 344538.935 | 6366282.546 | 75.256 | 98°35'20.00" |
| | 405.000 | 344553.767 | 6366280.306 | 75.183 | 98°35'20.00" |
| | 420.000 | 344568.599 | 6366278.066 | 75.109 | 98°35'20.00" |
| | 435.000 | 344583.431 | 6366275.826 | 75.036 | 98°35'20.00" |
| | 450.000 | 344598.263 | 6366273.586 | 74.962 | 98°35'20.00" |
| | 465.000 | 344613.094 | 6366271.346 | 74.889 | 98°35'20.00" |
| | 480.000 | 344627.926 | 6366269.105 | 74.815 | 98°35'20.00" |
| | 495.000 | 344642.758 | 6366266.865 | 74.742 | 98°35'20.00" |
| | 510.000 | 344657.590 | 6366264.625 | 74.676 | 98°35'20.00" |
| | 525.000 | 344672.421 | 6366262.385 | 74.625 | 98°35'20.00" |
| | 540.000 | 344687.253 | 6366260.145 | 74.575 | 98°35'20.00" |
| | 555.000 | 344702.085 | 6366257.905 | 74.525 | 98°35'20.00" |
| | 570.000 | 344716.917 | 6366255.664 | 74.475 | 98°35'20.00" |
| | 585.000 | 344731.749 | 6366253.424 | 74.425 | 98°35'20.00" |
| | 600.000 | 344746.580 | 6366251.184 | 74.374 | 98°35'20.00" |
| | 615.000 | 344761.412 | 6366248.944 | 74.324 | 98°35'20.00" |
| | 630.000 | 344776.244 | 6366246.704 | 74.274 | 98°35'20.00" |
| | 645.000 | 344791.076 | 6366244.464 | 74.224 | 98°35'20.00" |
| | 660.000 | 344805.907 | 6366242.224 | 74.174 | 98°35'20.00" |
| | 675.000 | 344820.739 | 6366239.983 | 74.094 | 98°35'20.00" |
| | 690.000 | 344835.571 | 6366237.743 | 74.008 | 98°35'20.00" |
| | 705.000 | 344850.403 | 6366235.503 | 73.921 | 98°35'20.00" |
| | 720.000 | 344865.235 | 6366233.263 | 73.835 | 98°35'20.00" |
| | 735.000 | 344880.066 | 6366231.023 | 73.753 | 98°35'20.00" |
| | 750.000 | 344894.898 | 6366228.783 | 73.677 | 98°35'20.00" |
| | 765.000 | 344909.730 | 6366226.542 | 73.602 | 98°35'20.00" |
| | 780.000 | 344924.562 | 6366224.302 | 73.527 | 98°35'20.00" |
| | 795.000 | 344939.393 | 6366222.062 | 73.396 | 98°35'20.00" |
| | 810.000 | 344954.225 | 6366219.822 | 73.235 | 98°35'20.00" |
| | 825.000 | 344969.057 | 6366217.582 | 73.177 | 98°35'20.00" |
| | 840.000 | 344983.889 | 6366215.342 | 73.236 | 98°35'20.00" |
| | 855.000 | 344998.721 | 6366213.102 | 73.293 | 98°35'20.00" |
| | 870.000 | 345013.552 | 6366210.861 | 73.310 | 98°35'20.00" |
| | 885.000 | 345028.384 | 6366208.621 | 73.282 | 98°35'20.00" |
| | 900.000 | 345043.216 | 6366206.381 | 73.222 | 98°35'20.00" |
| | 915.000 | 345058.048 | 6366204.141 | 73.155 | 98°35'20.00" |
| | 930.000 | 345072.879 | 6366201.901 | 73.065 | 98°35'20.00" |
| | 945.000 | 345087.711 | 6366199.661 | 72.954 | 98°35'20.00" |
| | 960.000 | 345102.543 | 6366197.420 | 72.858 | 98°35'20.00" |
| IP 2 | 973.253 | 345115.647 | 6366195.441 | 72.806 | 98°35'20.00" |

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.

CLIENT / LGA



Public Works
 Department of Regional NSW



CONTRACT No RFT-10055031

PROJECT

MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



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 CONSULTING
 COMPLEX PROBLEMS
 RESOLVED SIMPLY

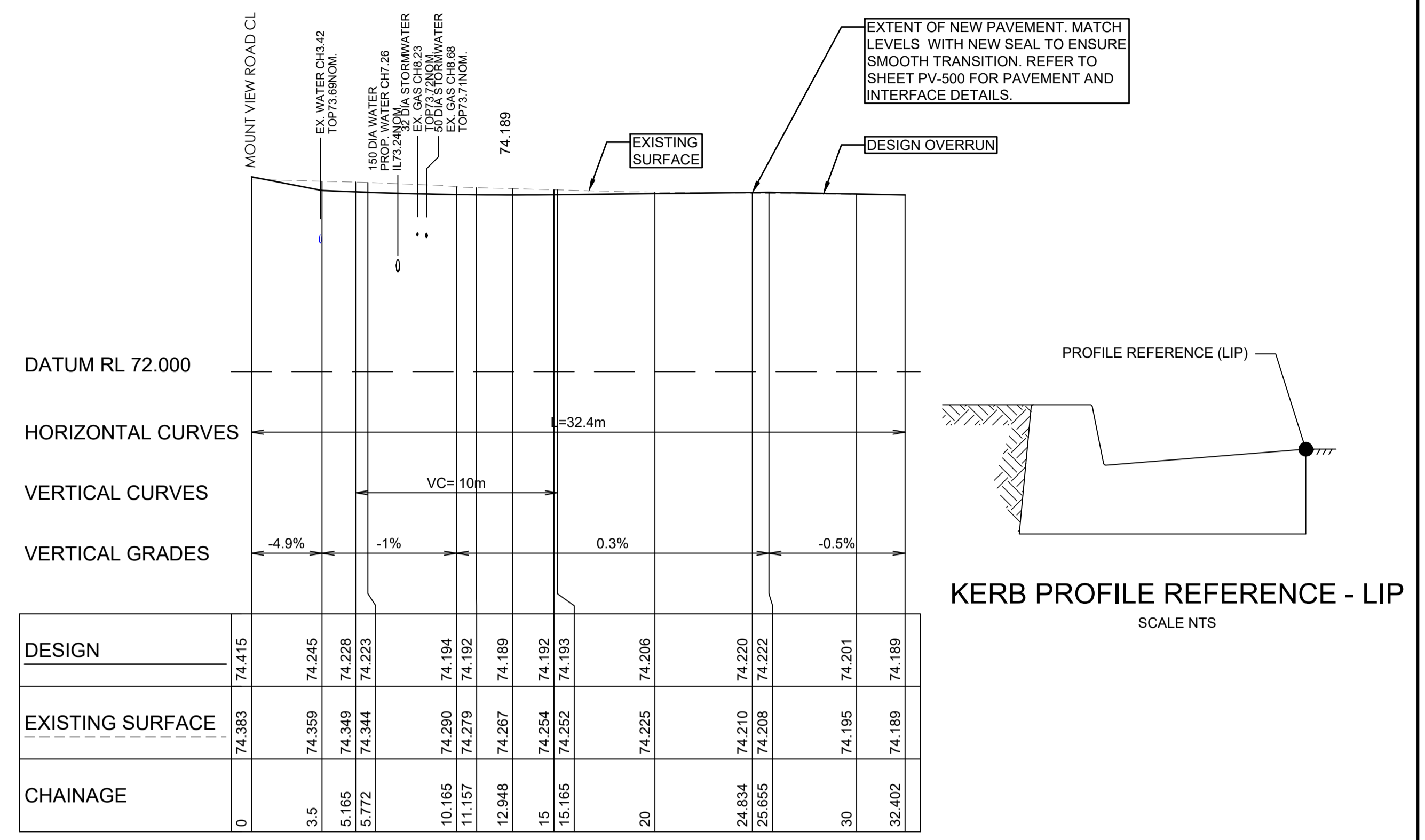
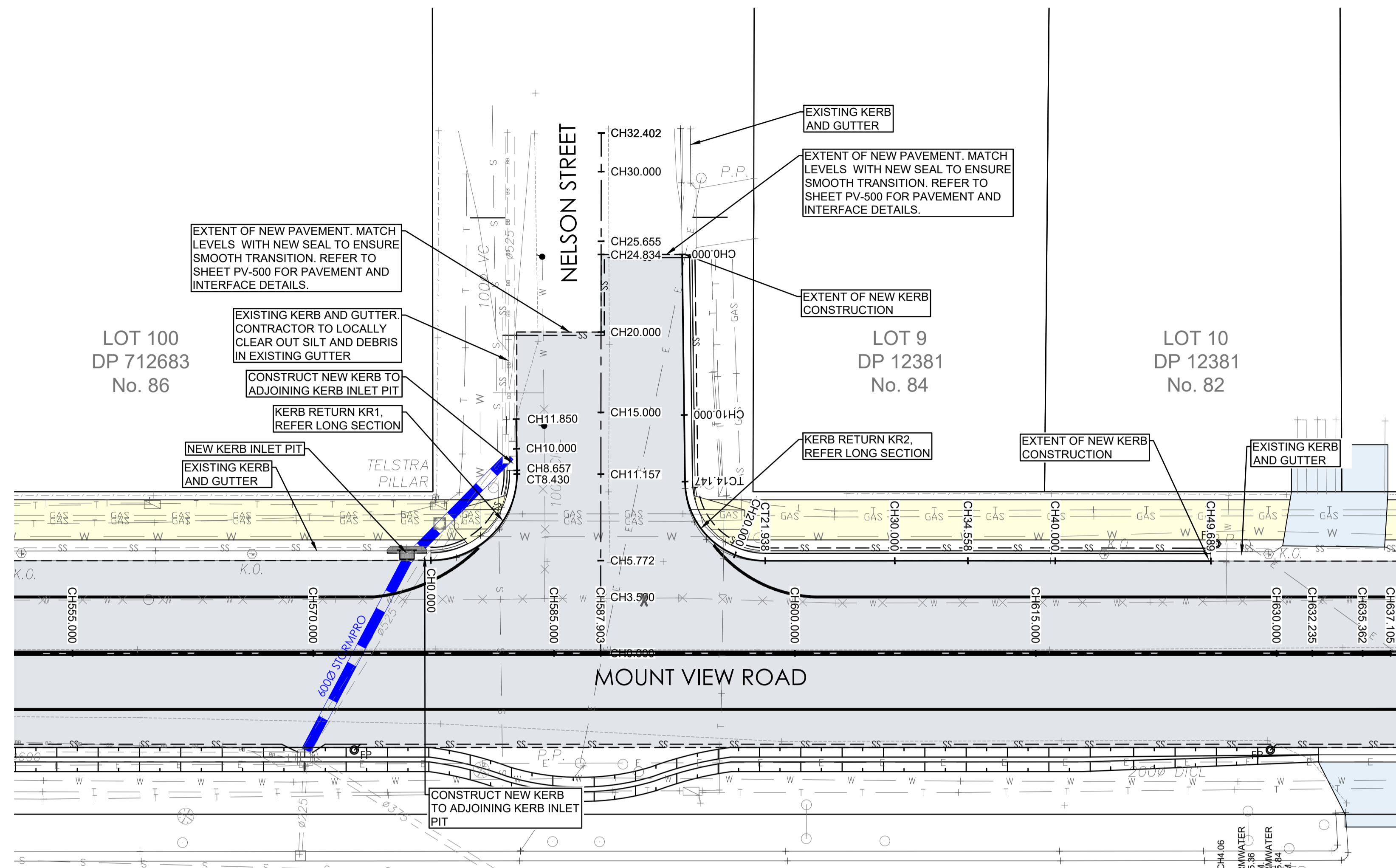
1300 874 294 | TRIAXIAL.COM.AU
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 PO BOX 3197, TUGGERAH NSW 2259

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DRAWING TITLE

LEGEND AND SETOUT TABLES

PROJECT No. **TX16685.00** CODE / SHEET No. **RD-209** ISSUE **01**



ROAD CL NELSON ST - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50

ROAD CL NELSON ST - SETOUT TABLE

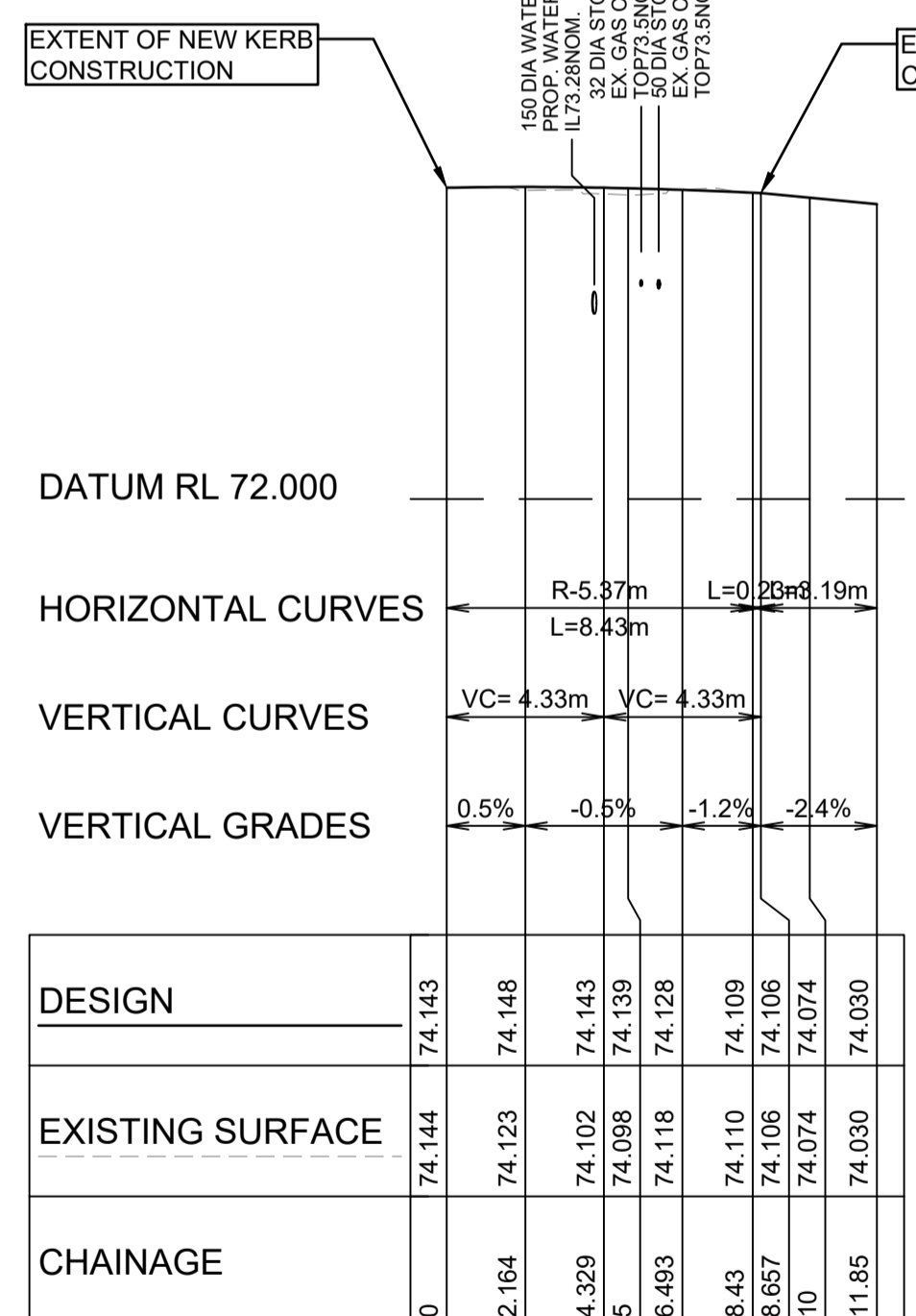
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING |
|------|----------|------------|-------------|--------|-------------|
| IP 1 | 0.000 | 344734.619 | 6366252.991 | 74.415 | 8°38'40.20" |
| | 15.000 | 344736.874 | 6366267.820 | 74.192 | 8°38'40.20" |
| | 30.000 | 344739.128 | 6366282.650 | 74.201 | 8°38'40.20" |
| IP 2 | 32.402 | 344739.489 | 6366285.025 | 74.189 | 8°38'40.20" |

NELSON ST KR1 - SETOUT TABLE

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
|------|----------|------------|-------------|--------|--------------|------------|----------|--------------|
| IP 1 | 0.000 | 344725.023 | 6366260.293 | 74.143 | 98°30'30.78" | | | |
| IP 2 | 4.215 | 344730.331 | 6366259.499 | 74.143 | | R = -5.368 | 8.430 | 89°59'11.10" |
| CT | 8.430 | 344731.126 | 6366264.807 | 74.109 | 8°31'19.68" | | | |
| IP 3 | 8.657 | 344731.160 | 6366265.031 | 74.106 | | | | |
| | 10.000 | 344731.340 | 6366266.362 | 74.074 | 7°44'11.70" | | | |
| IP 4 | 11.850 | 344731.589 | 6366268.195 | 74.030 | 7°44'11.70" | | | |

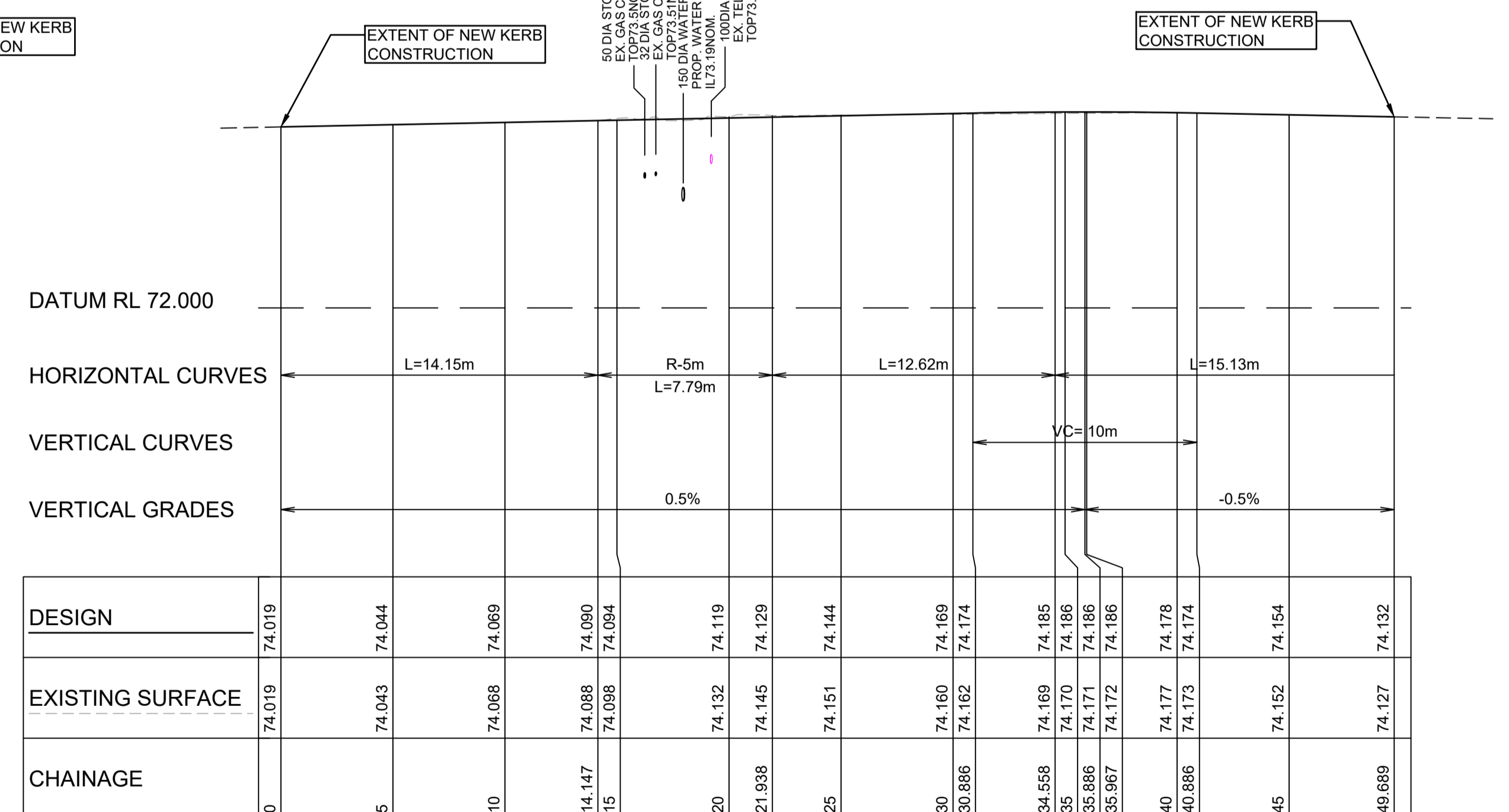
NELSON ST KR2 - SETOUT TABLE

| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
|------|----------|------------|-------------|--------|---------------|------------|----------|--------------|
| IP 1 | 0.000 | 344743.342 | 6366276.794 | 74.019 | 187°51'02.73" | | | |
| | 10.000 | 344741.976 | 6366266.888 | 74.069 | 187°51'02.73" | | | |
| TC | 14.147 | 344741.409 | 6366262.779 | 74.090 | 187°51'02.73" | | | |
| IP 2 | 18.043 | 344740.735 | 6366257.888 | 74.109 | | R = -5.000 | 7.791 | 89°16'29.18" |
| | 20.000 | 344743.803 | 6366257.801 | 74.119 | 120°47'07.47" | | | |
| CT | 21.938 | 344745.617 | 6366257.152 | 74.129 | 98°34'33.54" | | | |
| | 30.000 | 344753.588 | 6366255.950 | 74.169 | 98°34'33.54" | | | |
| IP 3 | 34.558 | 344758.095 | 6366255.270 | 74.185 | | | | |
| | 40.000 | 344763.475 | 6366254.451 | 74.178 | 98°39'30.48" | | | |
| IP 4 | 49.689 | 344773.055 | 6366252.992 | 74.189 | 98°39'30.48" | | | |



KR1 - KERB LIP PROFILE

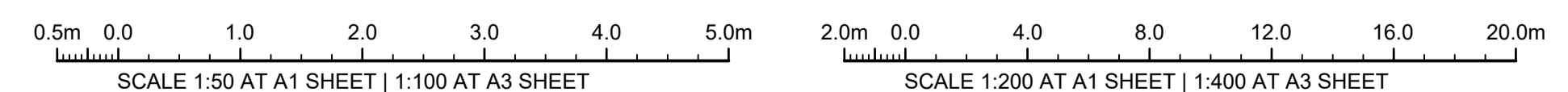
A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50

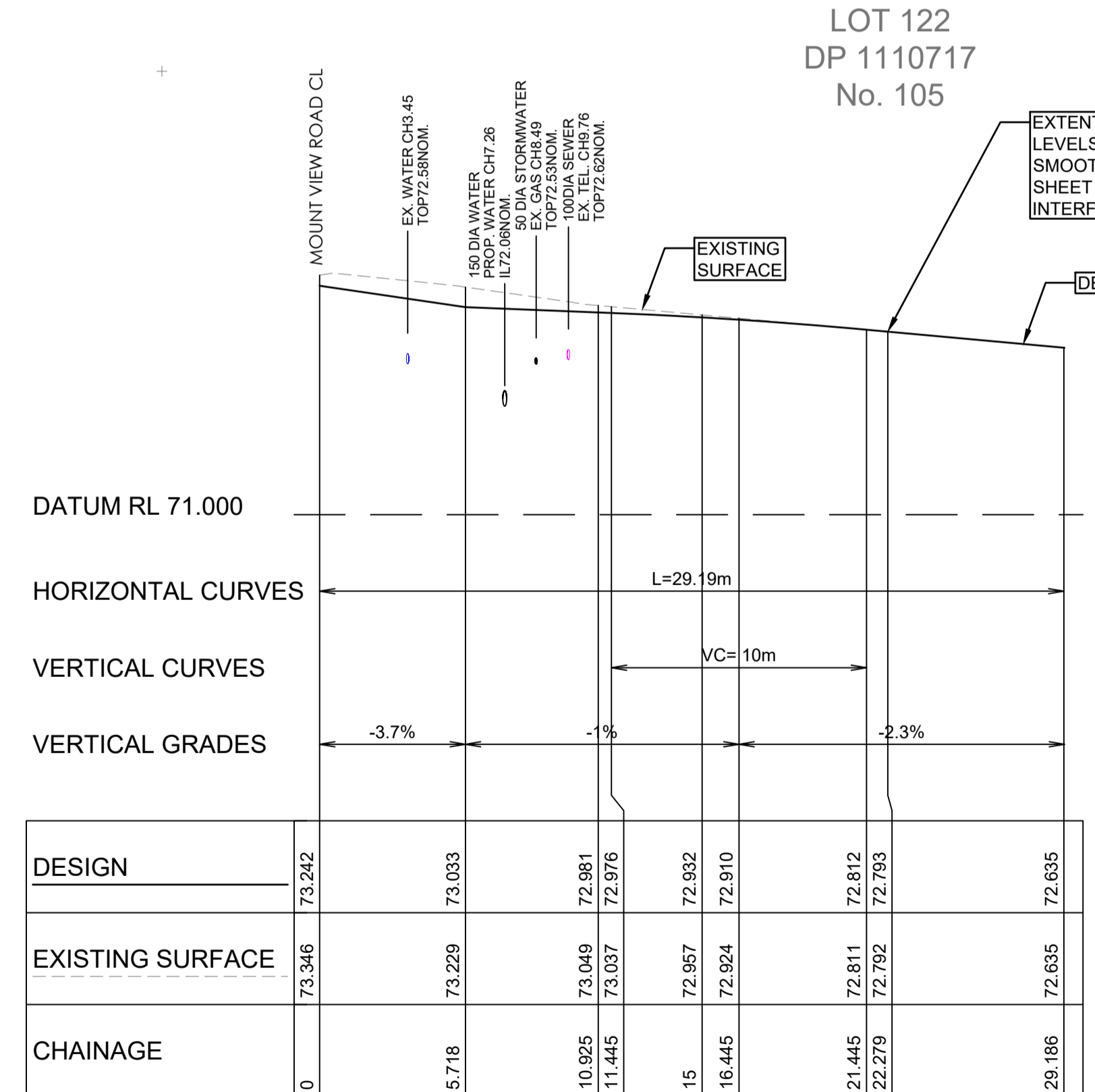
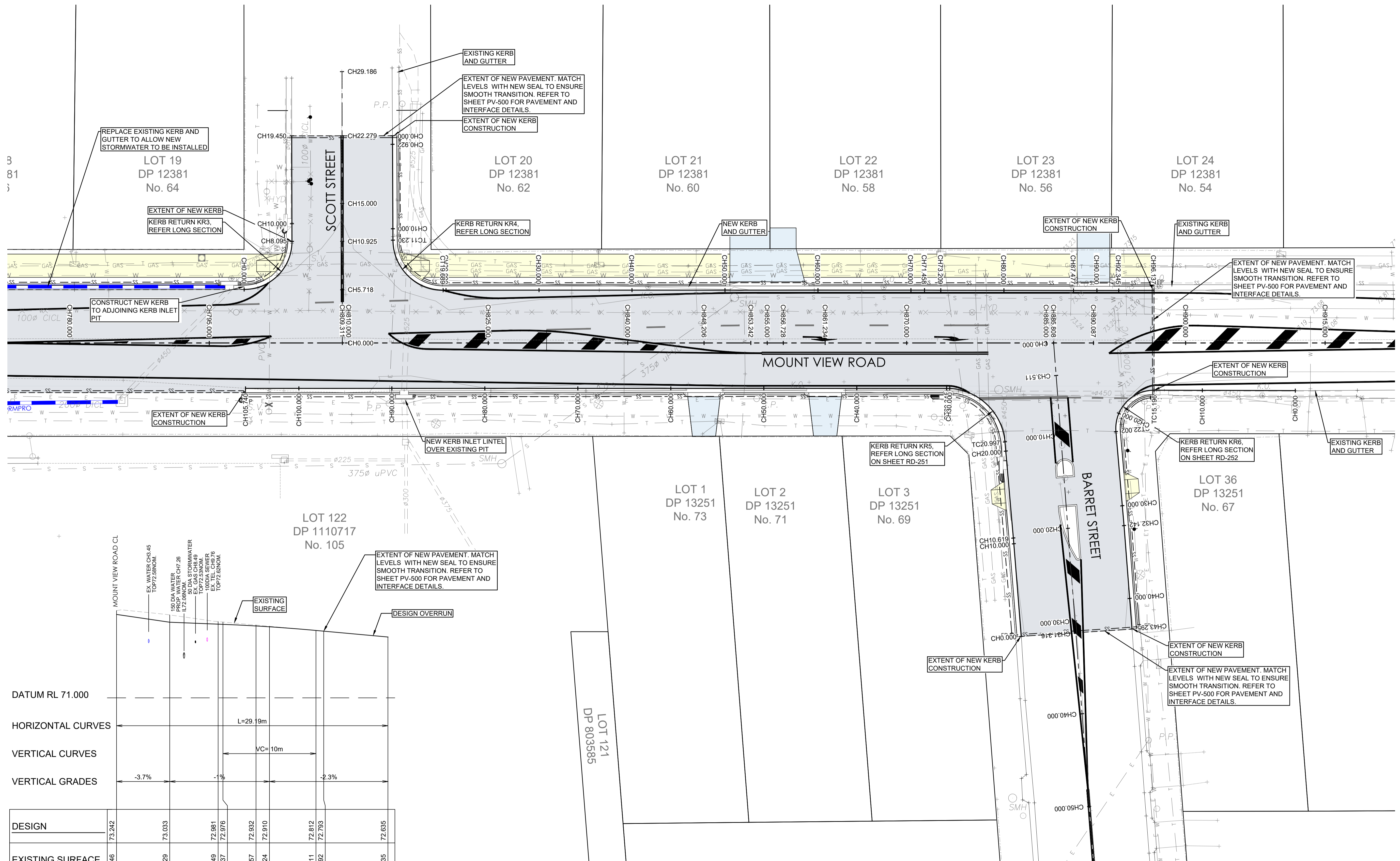


KR2 - KERB LIP PROFILE

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50

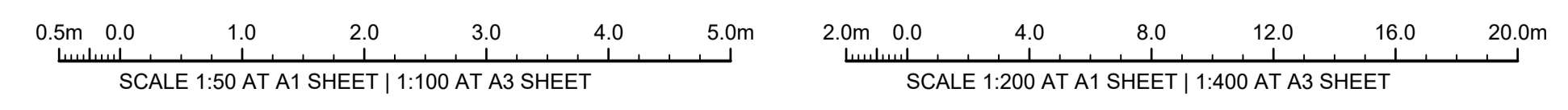
NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.





ROAD CL SCOTT ST - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50

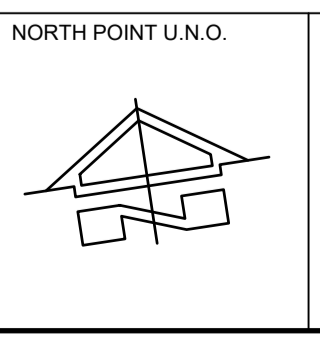


NOTE:
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ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -

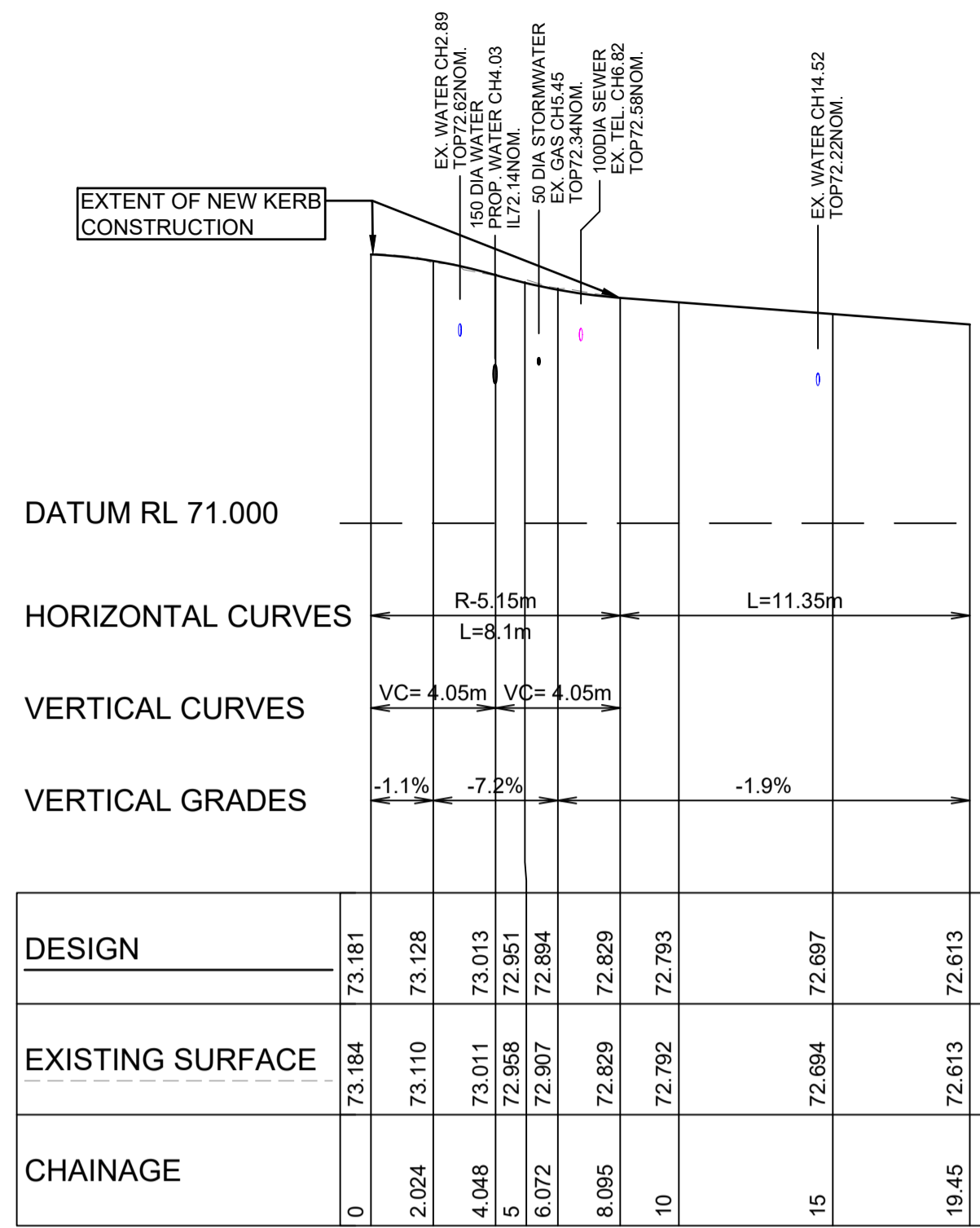
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 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
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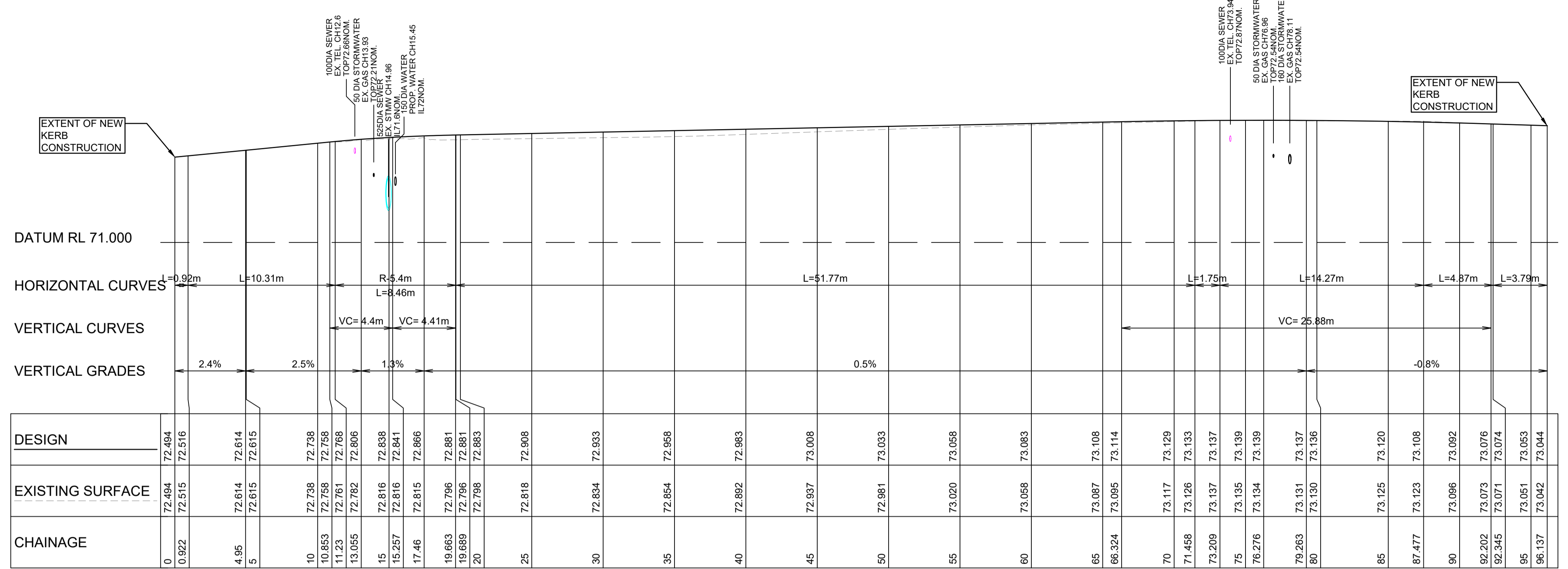
TO BE PRINTED IN COLOUR

DRAWING TITLE
SCOTT ST AND BARRETT AVE INTERSECTION PLANS

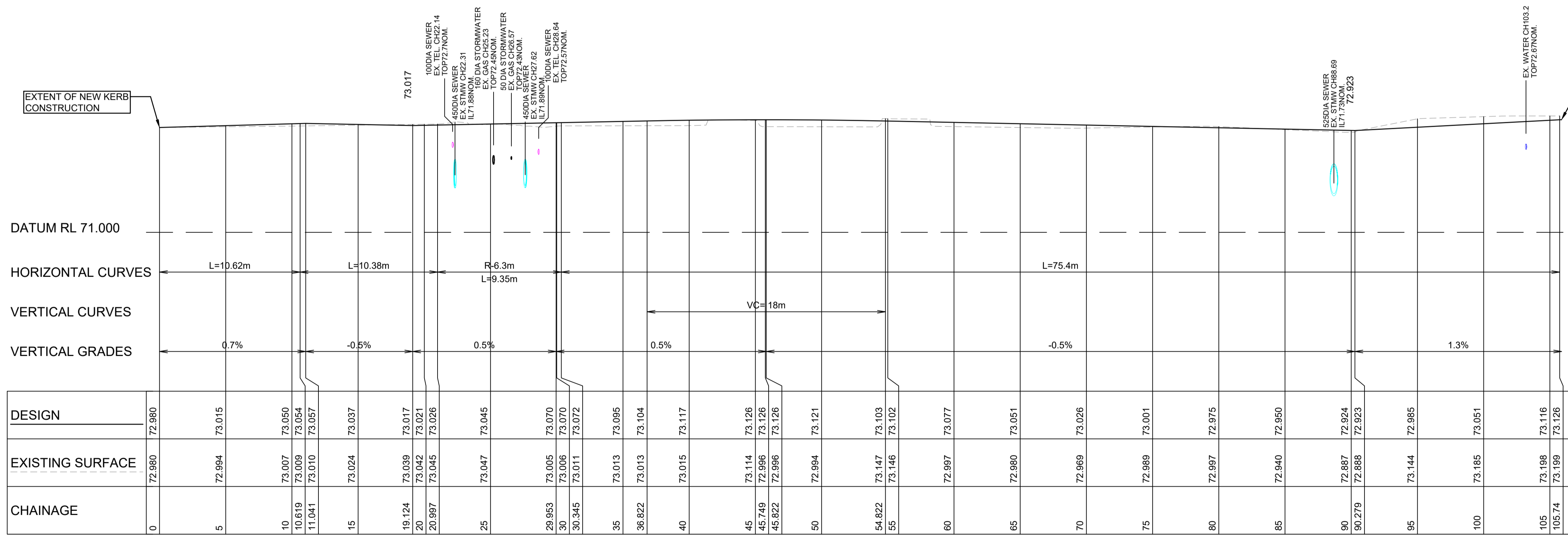
PROJECT No. **TX16685.00** CODE / SHEET No. **RD-250** ISSUE **01**



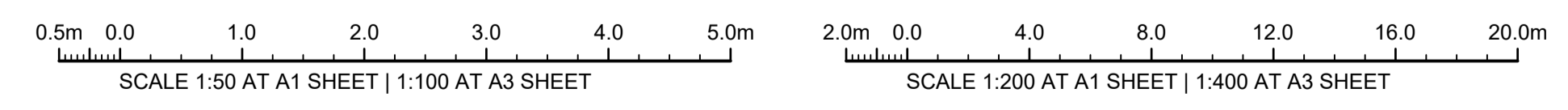
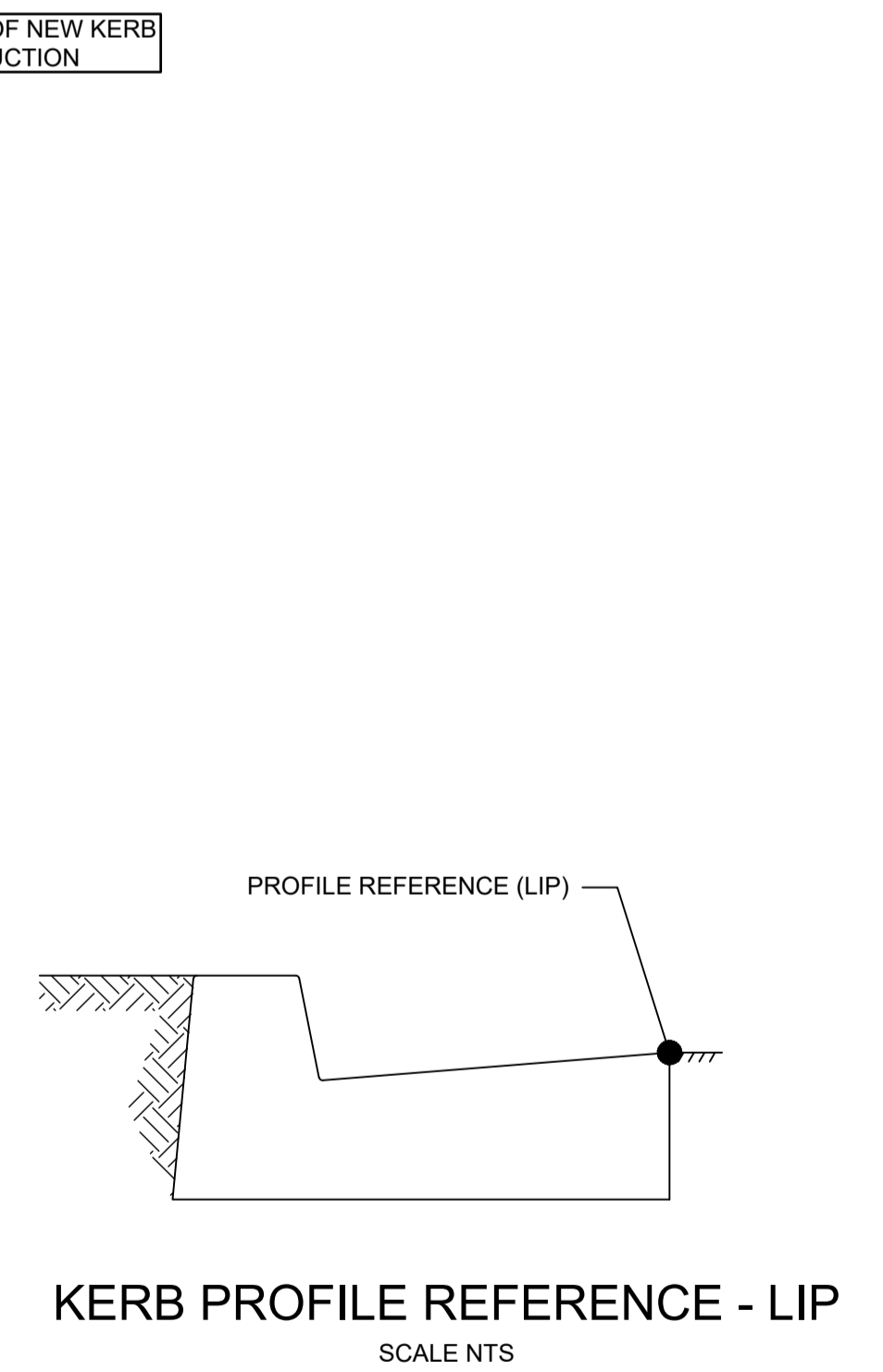
KR3 - KERB LIP PROFILE
 A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50

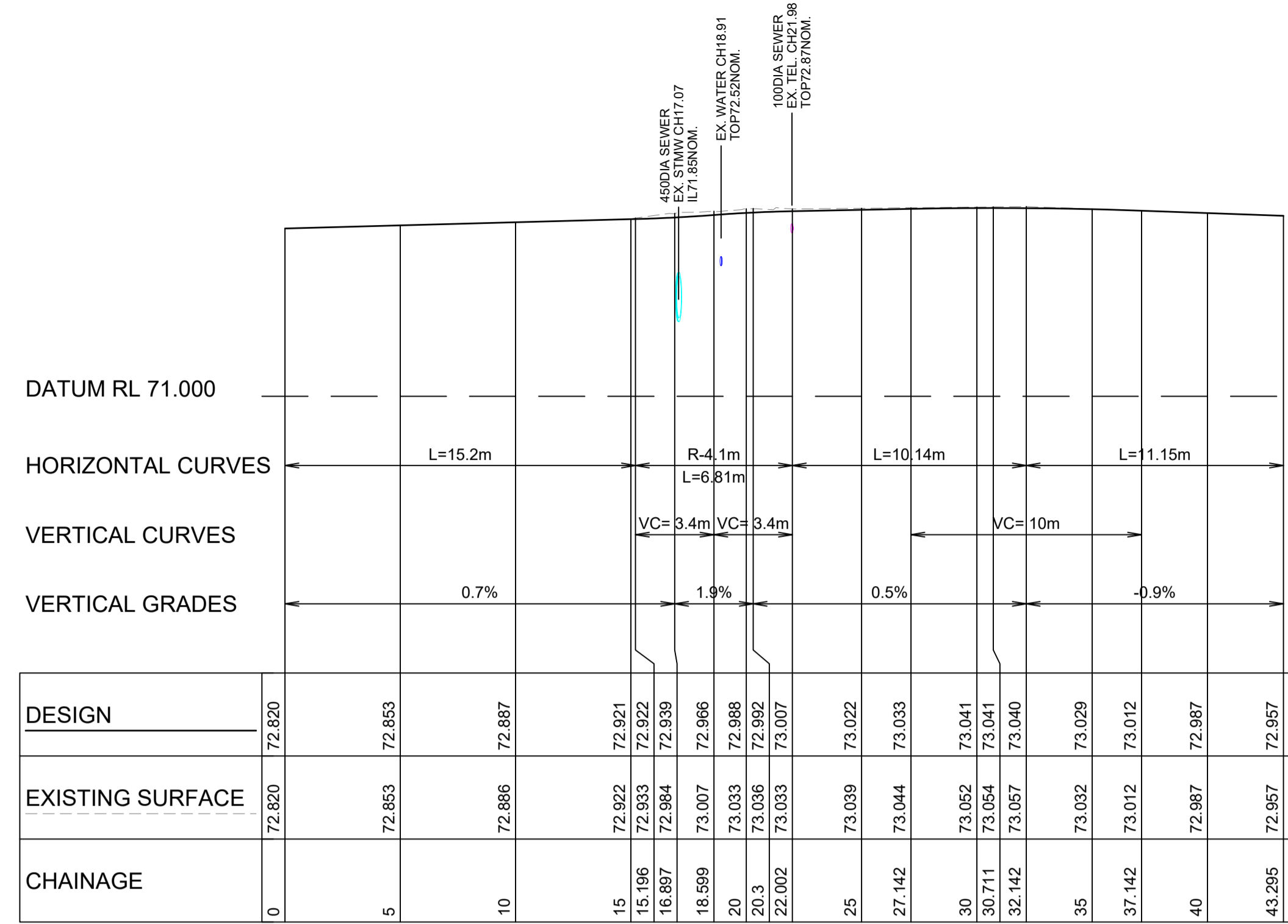


KR4 - KERB LIP PROFILE
 A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50



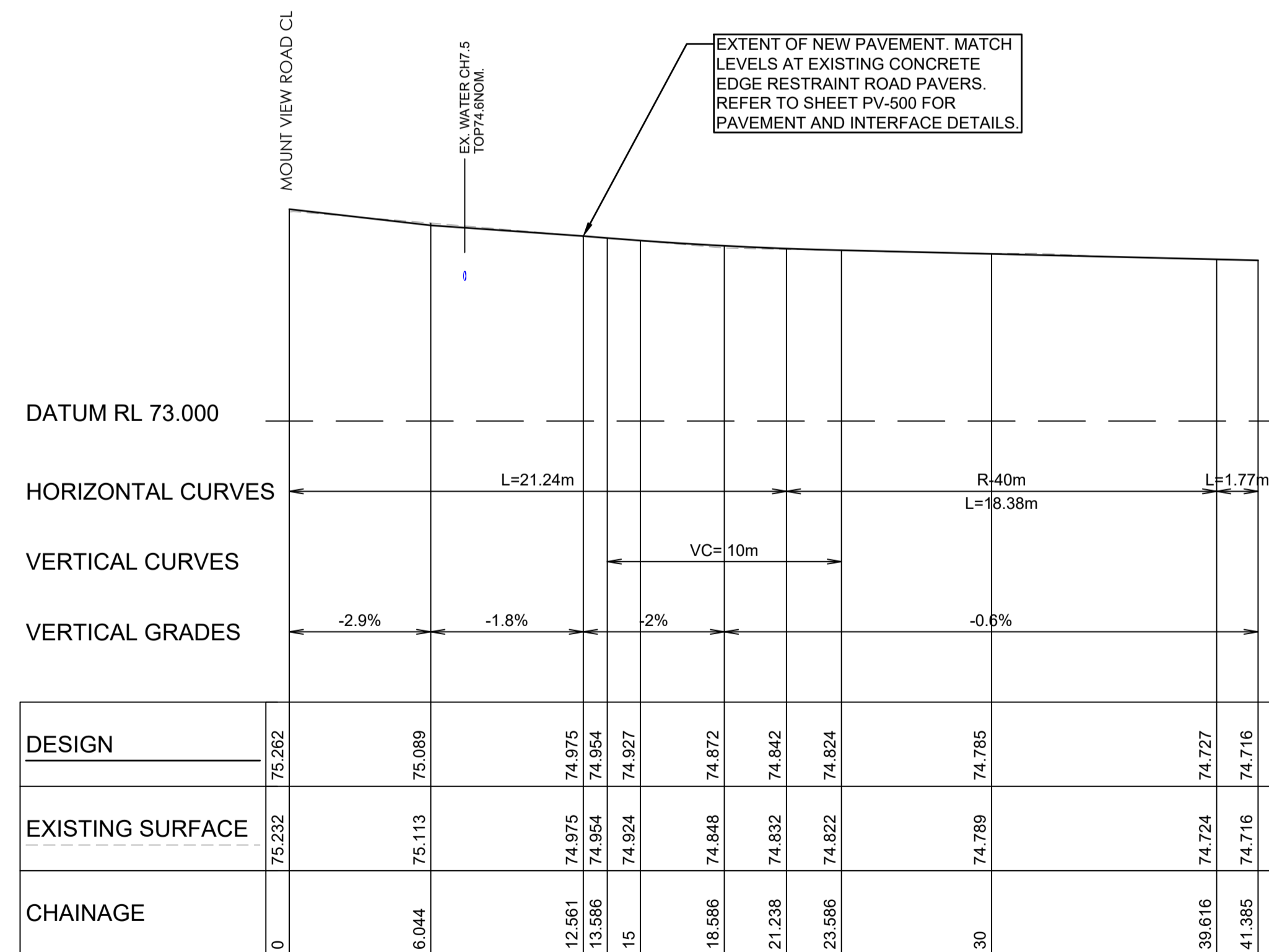
KR5 - KERB LIP PROFILE
 A1 HORZ SCALE 1:200
 A1 VERT SCALE 1:50





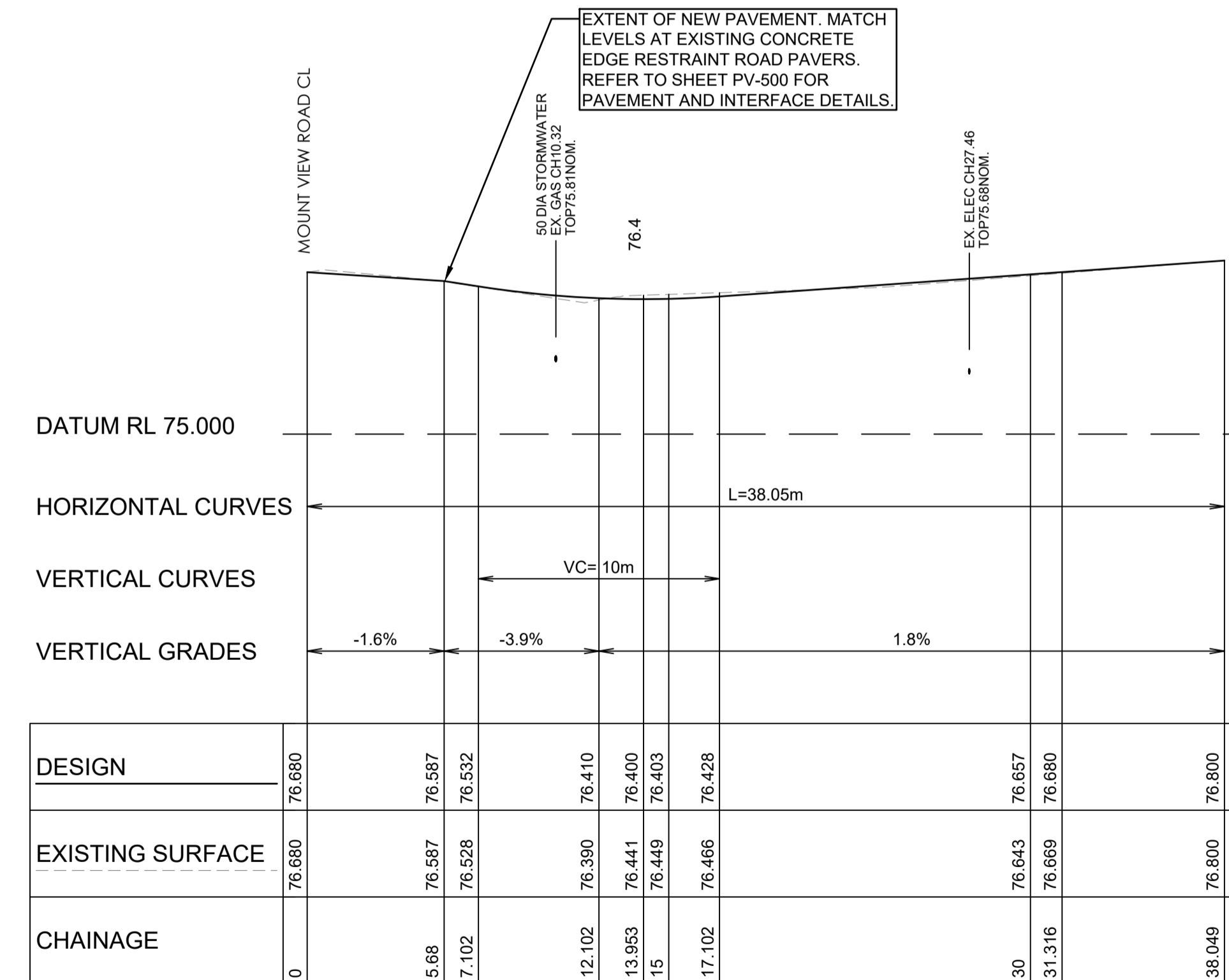
KR6 - KERB LIP PROFILE

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



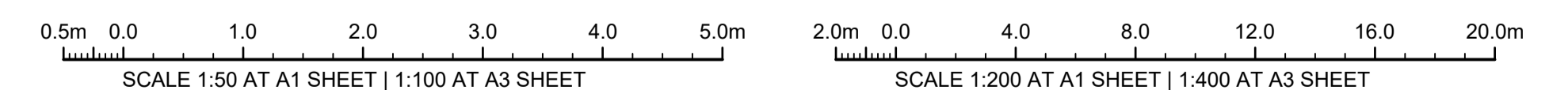
ROAD CL Stonebridge Dr - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



ROAD CL Links Ave - LONGITUDINAL SECTION

A1 HORZ SCALE 1:200
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.

CLIENT / LGP



Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT

MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



TRIAxIAL
CONSULTING

COMPLEX PROBLEMS
RESOLVED SIMPLY

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UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2259
PO BOX 3197, TUGGERAH NSW 2259

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DRAWING TITLE

BARRET AVE, LINKS AVE AND
STONEBRIDGE DRIVE LONG
SECTIONS

PROJECT No. TX16685.00 CODE / SHEET No. RD-252 ISSUE 01

| ROAD CL LINKS AVE - SETOUT TABLE | | | | | |
|----------------------------------|----------|------------|-------------|--------|-------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING |
| IP 1 | 0.000 | 344153.309 | 6366340.790 | 76.680 | 9°05'54.74" |
| | 15.000 | 344155.681 | 6366355.602 | 76.403 | 9°05'54.74" |
| | 30.000 | 344158.053 | 6366370.413 | 76.657 | 9°05'54.74" |
| IP 2 | 38.049 | 344159.326 | 6366378.360 | 76.800 | 9°05'54.74" |

| ROAD CL STONEBRIDGE DR - SETOUT TABLE | | | | | | | | |
|---------------------------------------|----------|------------|-------------|--------|---------------|-------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 344490.246 | 6366289.900 | 75.262 | 8°35'20.00" | | | |
| | 15.000 | 344492.487 | 6366304.732 | 74.927 | 8°35'20.00" | | | |
| | 21.238 | 344493.418 | 6366310.900 | 74.842 | 8°35'20.00" | | | |
| TC | 30.000 | 344493.771 | 6366319.637 | 74.785 | 356°02'15.51" | | | |
| | 30.427 | 344494.815 | 6366320.149 | 74.782 | | R = -40.000 | 18.378 | 26°19'30.17" |
| CT | 39.616 | 344491.966 | 6366329.059 | 74.727 | 342°15'49.83" | | | |
| IP 3 | 41.385 | 344491.427 | 6366330.743 | 74.716 | 342°15'49.83" | | | |

| ROAD CL SCOTT ST - SETOUT TABLE | | | | | |
|---------------------------------|----------|------------|-------------|--------|-------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING |
| IP 1 | 0.000 | 344953.544 | 6366219.925 | 73.242 | 8°31'26.06" |
| | 15.000 | 344955.767 | 6366234.759 | 72.932 | 8°31'26.06" |
| IP 2 | 29.186 | 344957.870 | 6366248.789 | 72.635 | 8°31'26.06" |

| KERB LIP STONEBRIDGE DR - SETOUT TABLE | | | | | | | | |
|--|----------|------------|-------------|--------|---------------|-------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 344475.322 | 6366298.583 | 75.141 | 96°25'33.56" | | | |
| IP 2 | 6.271 | 344482.144 | 6366297.815 | 75.038 | | R = -12.407 | 12.541 | 57°54'49.96" |
| | 10.000 | 344484.645 | 6366301.373 | 74.938 | 50°14'49.08" | | | |
| IP 3 | 12.541 | 344486.419 | 6366303.187 | 74.854 | | | | |
| | 20.000 | 344493.793 | 6366302.065 | 74.926 | 98°38'55.10" | | | |
| IP 4 | 23.798 | 344497.548 | 6366301.494 | 74.812 | | | | |
| | 29.503 | 344499.539 | 6366295.707 | 74.950 | | R = -12.732 | 11.409 | 51°20'31.49" |
| IP 5 | 30.000 | 344500.888 | 6366296.341 | 74.958 | 133°05'53.78" | | | |
| | 35.207 | 344505.302 | 6366293.648 | 75.007 | | | | |
| IP 7 | 37.402 | 344507.426 | 6366293.094 | 75.013 | 104°37'12.98" | | | |

| KERB LIP KR3 SCOTT ST - SETOUT TABLE | | | | | | | | |
|--------------------------------------|----------|------------|-------------|--------|--------------|------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 344943.961 | 6366227.192 | | 98°29'55.11" | | | |
| IP 2 | 4.048 | 344949.060 | 6366226.430 | 73.013 | | R = -5.150 | 8.095 | 90°03'53.82" |
| | 8.095 | 344949.816 | 6366231.530 | 72.829 | | | | |
| IP 3 | 10.000 | 344950.097 | 6366233.414 | 72.793 | 8°28'09.83" | | | |
| | 19.450 | 344951.488 | 6366242.761 | 72.613 | 8°28'09.83" | | | |


| KERB LIP KR4 SCOTT ST - SETOUT TABLE | | | | | | | | |
|--------------------------------------|----------|------------|-------------|--------|---------------|------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 344962.203 | 6366241.155 | 72.494 | 188°15'09.99" | | | |
| IP 2 | 0.922 | 344962.071 | 6366240.243 | 72.516 | | | | |
| | 10.000 | 344960.754 | 6366231.261 | 72.738 | 188°20'33.68" | | | |
| TC | 11.230 | 344960.575 | 6366230.044 | 72.768 | 188°20'33.68" | | | |
| IP 3 | 15.459 | 344959.795 | 6366224.724 | 72.844 | | R = -5.400 | 8.459 | 89°45'13.68" |
| | 19.689 | 344965.112 | 6366223.921 | 72.881 | 98°35'20.00" | | | |
| CT | 20.000 | 344965.420 | 6366223.875 | 72.883 | 98°35'20.00" | | | |
| | 30.000 | 344975.307 | 6366222.381 | 72.933 | 98°35'20.00" | | | |
| | 40.000 | 344985.195 | 6366220.888 | 72.983 | 98°35'20.00" | | | |
| | 50.000 | 344995.083 | 6366219.394 | 73.033 | 98°35'20.00" | | | |
| | 60.000 | 345004.971 | 6366217.901 | 73.083 | 98°35'20.00" | | | |
| IP 4 | 70.000 | 345014.859 | 6366216.407 | 73.129 | 98°35'20.00" | | | |
| | 71.458 | 345016.301 | 6366216.190 | 73.133 | | | | |
| IP 5 | 73.209 | 345018.031 | 6366215.922 | 73.137 | | | | |
| | 80.000 | 345024.744 | 6366214.896 | 73.136 | 98°41'44.85" | | | |
| IP 6 | 87.477 | 345032.135 | 6366213.765 | 73.108 | | | | |
| | 90.000 | 345034.630 | 6366213.389 | 73.092 | 98°35'06.51" | | | |
| IP 7 | 92.345 | 345036.949 | 6366213.038 | 73.074 | | | | |
| IP 8 | 96.137 | 345040.699 | 6366212.484 | 73.044 | 98°24'44.37" | | | |


| KERB LIP KR5 BARRETT AVE - SETOUT TABLE | | | | | | | | |
|---|----------|------------|-------------|--------|---------------|------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 345021.030 | 6366177.812 | 72.980 | 3°57'08.02" | | | |
| | 10.000 | 345021.720 | 6366187.788 | 73.050 | 3°57'08.02" | | | |
| IP 2 | 10.619 | 345021.762 | 6366188.406 | 73.054 | | | | |
| | 20.000 | 345022.351 | 6366197.768 | 73.021 | 3°36'03.88" | | | |
| TC | 20.997 | 345022.414 | 6366198.763 | 73.026 | 3°36'03.88" | | | |
| IP 3 | 25.671 | 345022.777 | 6366204.526 | 73.049 | | R = -6.300 | 9.348 | 85°00'43.88" |
| | 30.000 | 345017.406 | 6366205.327 | 73.070 | 281°43'20.93" | | | |
| CT | 30.345 | 345017.067 | 6366205.388 | 73.072 | 278°35'20.00" | | | |
| | 40.000 | 345007.520 | 6366206.830 | 73.117 | 278°35'20.00" | | | |
| | 50.000 | 344997.632 | 6366208.323 | 73.121 | 278°35'20.00" | | | |
| | 60.000 | 344987.744 | 6366209.817 | 73.077 | 278°35'20.00" | | | |
| | 70.000 | 344977.857 | 6366211.310 | 73.026 | 278°35'20.00" | | | |
| IP 4 | 80.000 | 344967.969 | 6366212.804 | 72.975 | 278°35'20.00" | | | |
| | 90.000 | 344958.081 | 6366214.297 | 72.924 | 278°35'20.00" | | | |
| IP 4 | 100.000 | 344948.193 | 6366215.790 | 73.051 | 278°35'20.00" | | | |
| | 105.740 | 344942.517 | 6366216.648 | 73.126 | 278°35'20.00" | | | |

| KERB LIP KR6 BARRETT AVE - SETOUT TABLE | | | | | | | | |
|---|----------|------------|-------------|--------|---------------|------------|----------|--------------|
| PT | CHAINAGE | EASTING | NORTHING | HEIGHT | BEARING | RAD/SPIRAL | A.LENGTH | DEFL.ANGLE |
| IP 1 | 0.000 | 345054.113 | 6366199.547 | 72.820 | 278°45'14.26" | | | |
| | 10.000 | 345044.230 | 6366201.069 | 72.887 | 278°45'14.26" | | | |
| TC | 15.196 | 345039.095 | 6366201.860 | 72.922 | 278°45'14.26" | | | |
| IP 2 | 18.599 | 345034.664 | 6366202.542 | 72.966 | | R = -4.100 | 6.806 | 95°06'35.61" |
| | 20.000 | 345034.979 | 6366199.957 | 72.988 | 211°36'55.95" | | | |
| CT | 22.002 | 345034.379 | 6366198.069 | 73.007 | 183°38'38.65" | | | |
| | 30.000 | 345033.871 | 6366190.086 | 73.041 | 183°38'38.65" | | | |
| IP 3 | 32.142 | 345033.735 | 6366187.948 | 73.040 | | | | |
| | 40.000 | 345033.162 | 6366180.112 | 72.987 | 184°10'52.81" | | | |
| IP 4 | 43.295 | 345032.921 | 6366176.825 | | 184°10'52.81" | | | |

ISSUE FOR CONSTRUCTION AMENDMENTS
 19.05.23 01 CW
 DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGA

 **Public Works**
 Department of Regional NSW

 **CESSNOCK**
 CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

 **TRIAxIAL**
 CONSULTING

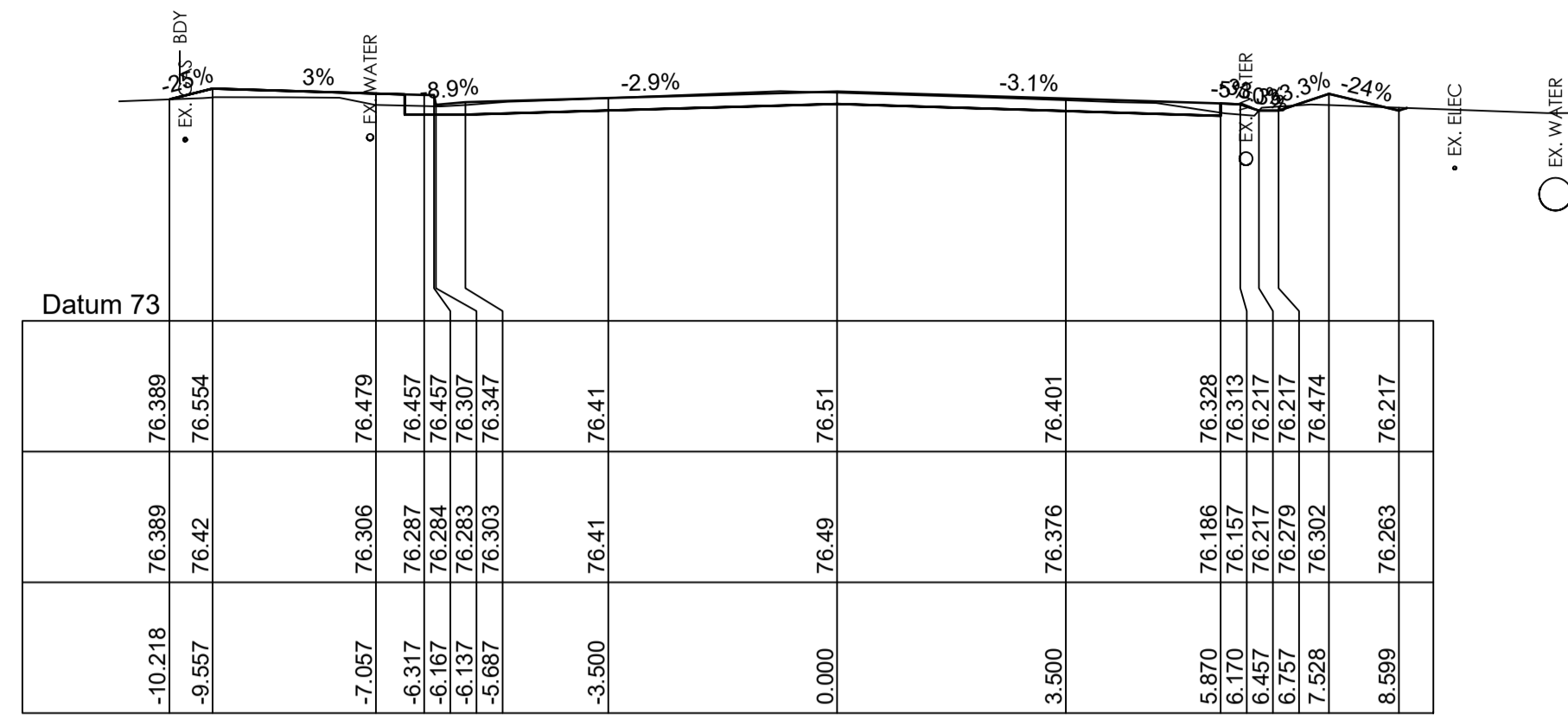
COMPLEX PROBLEMS
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 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

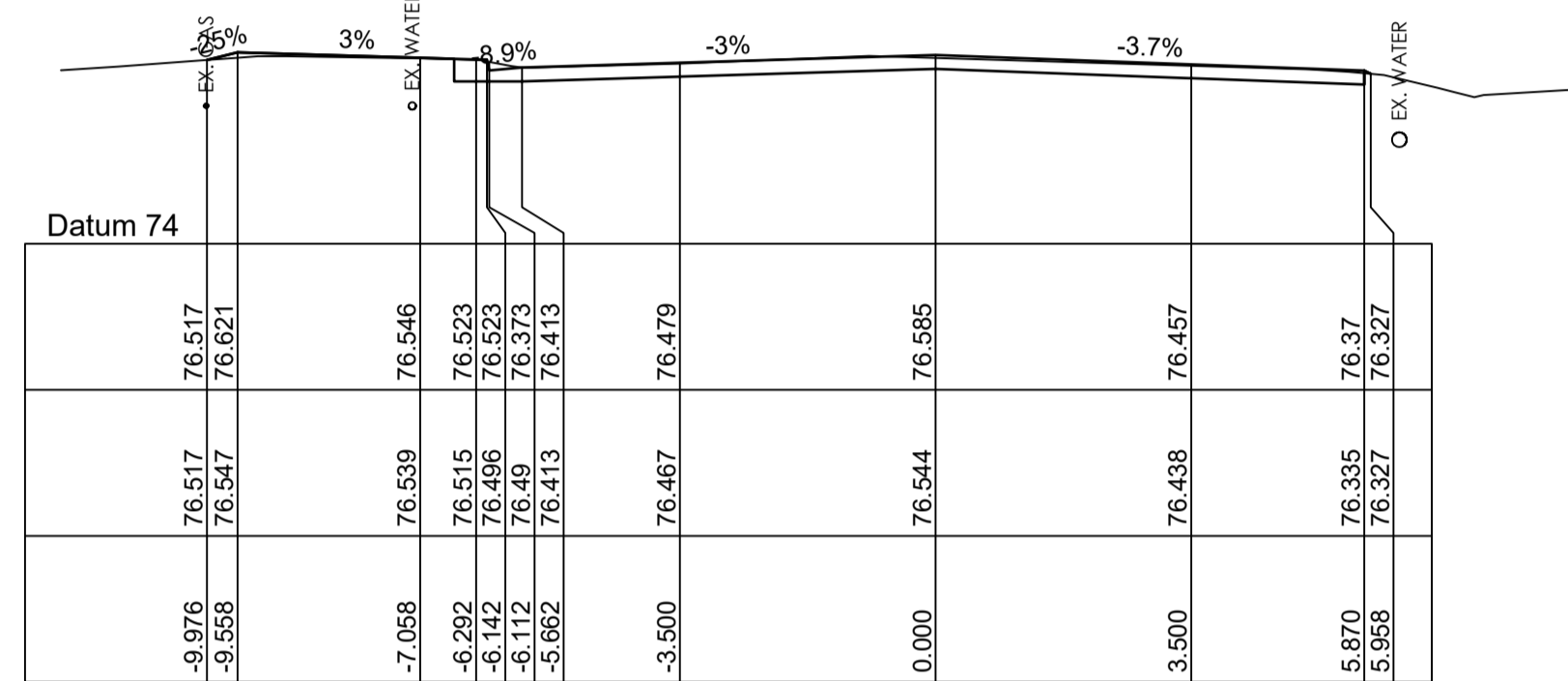
DRAWING TITLE
**BARRETT AVE, LINKS AVE,
 STONEBRIDGE DR AND SCOTT
 ST SETOUT TABLES**

PROJECT No. **TX16685.00** CODE / SHEET No. **RD-253** ISSUE **01**

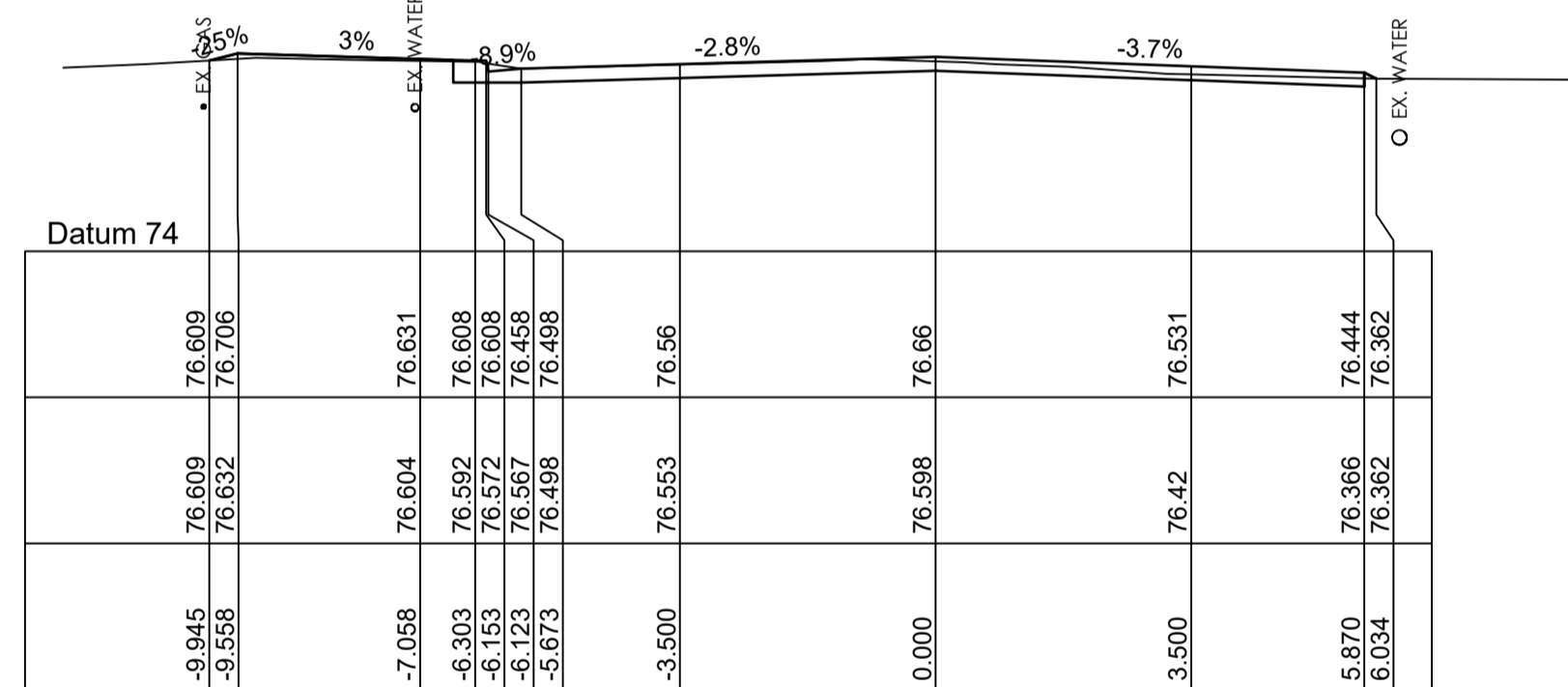
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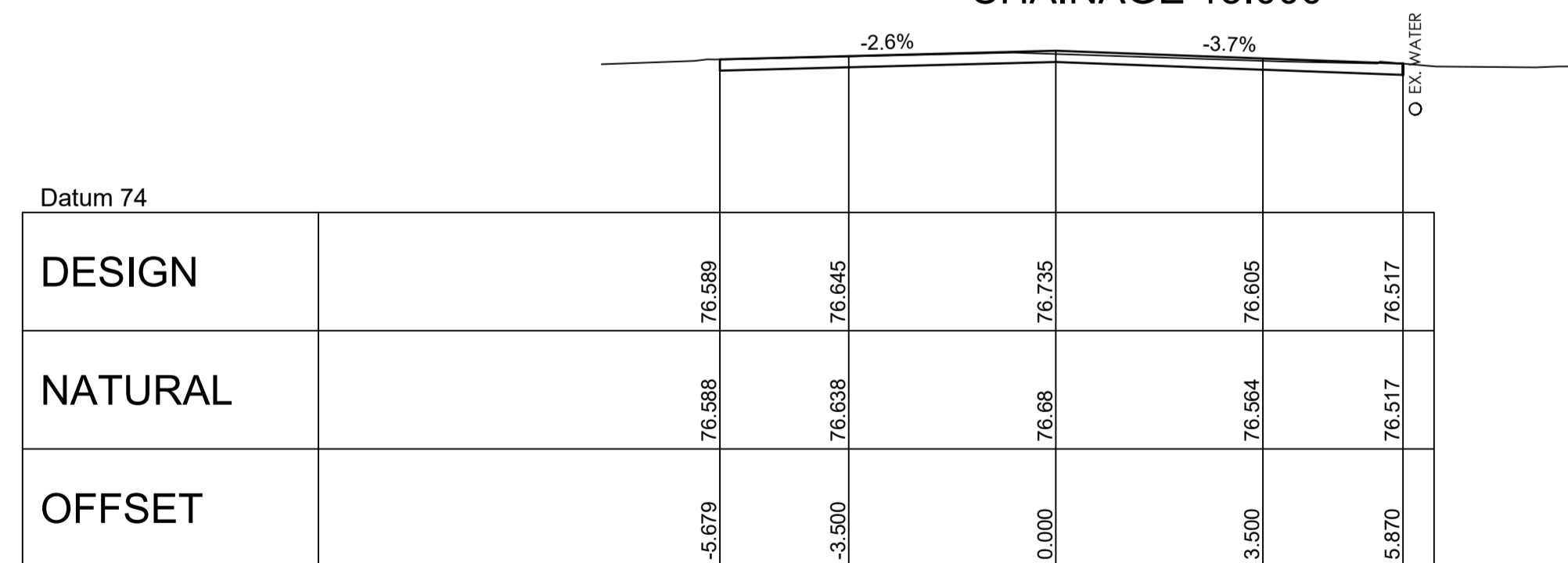
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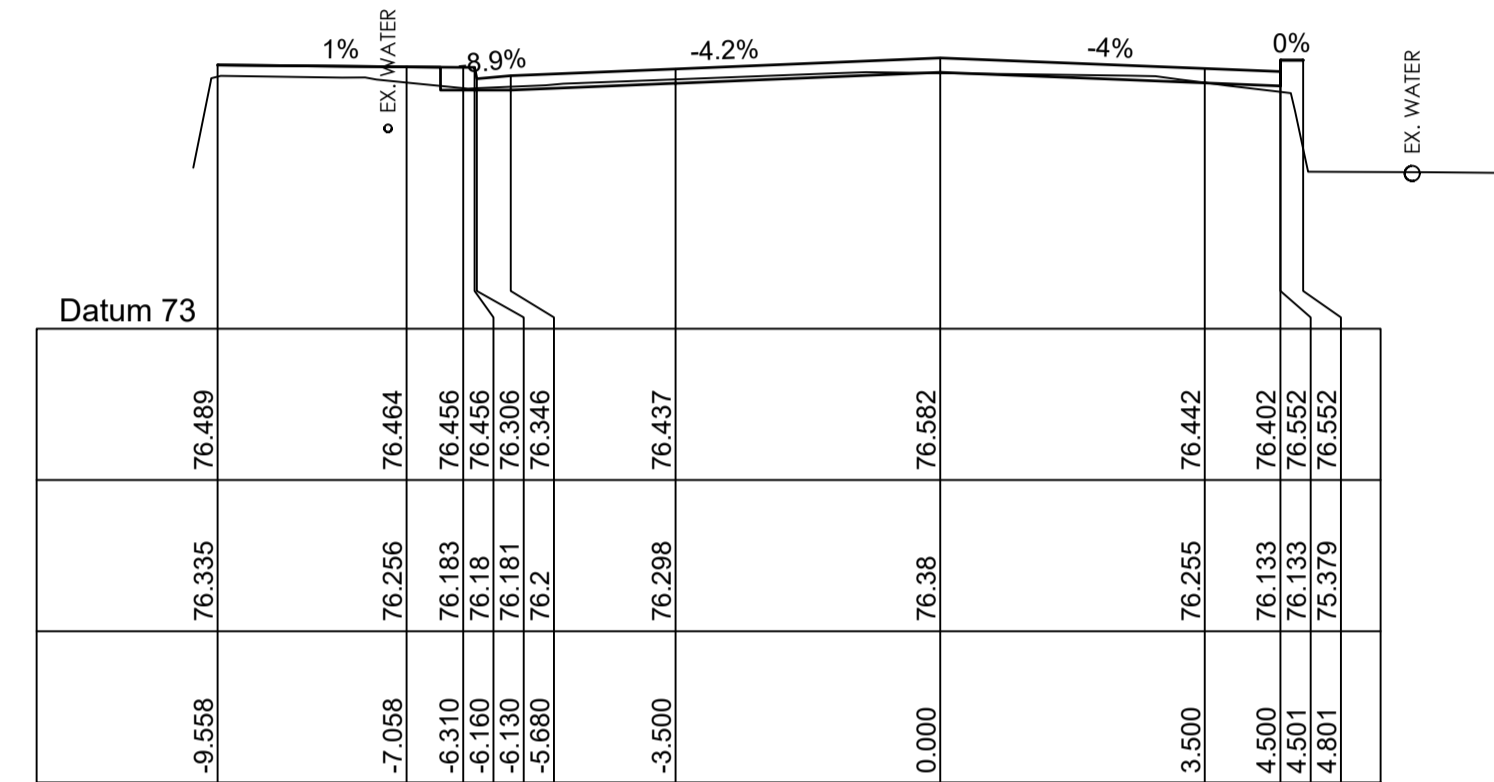
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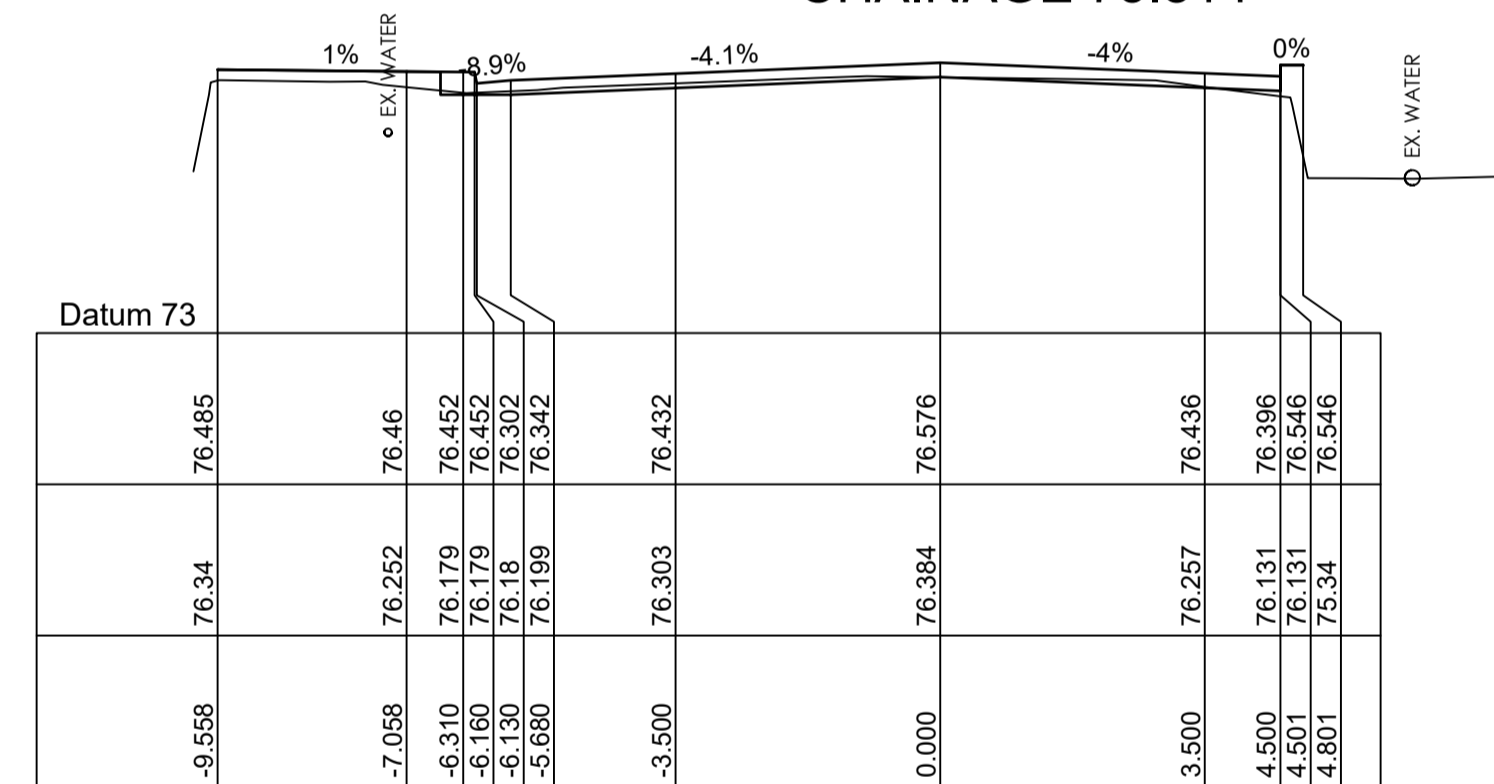
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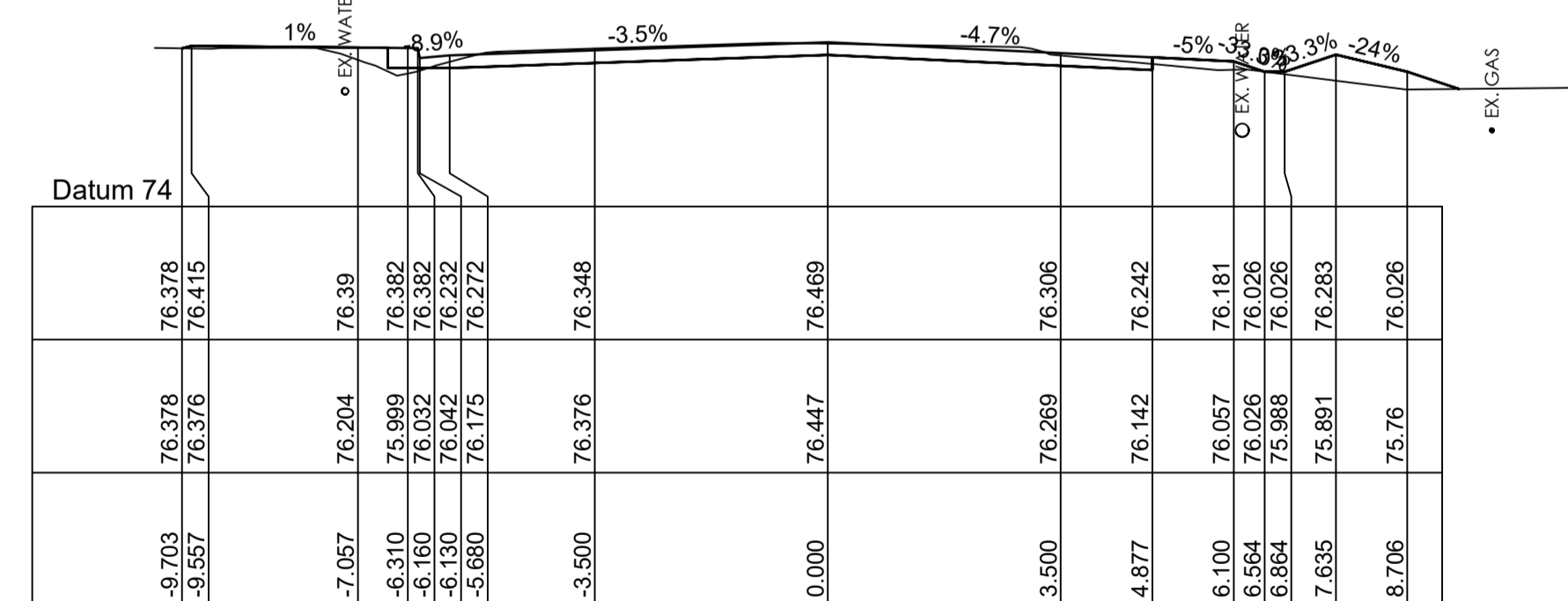
CHAINAGE 0.000



CHAINAGE 75.814

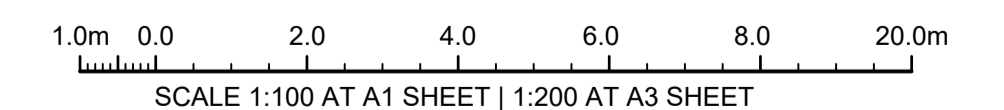


CHAINAGE 75.000



CHAINAGE 60.000

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| DESIGN | | | | | | | | |
| NATURAL | | | | | | | | |
| OFFSET | | | | | | | | |



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.

CLIENT / LGP



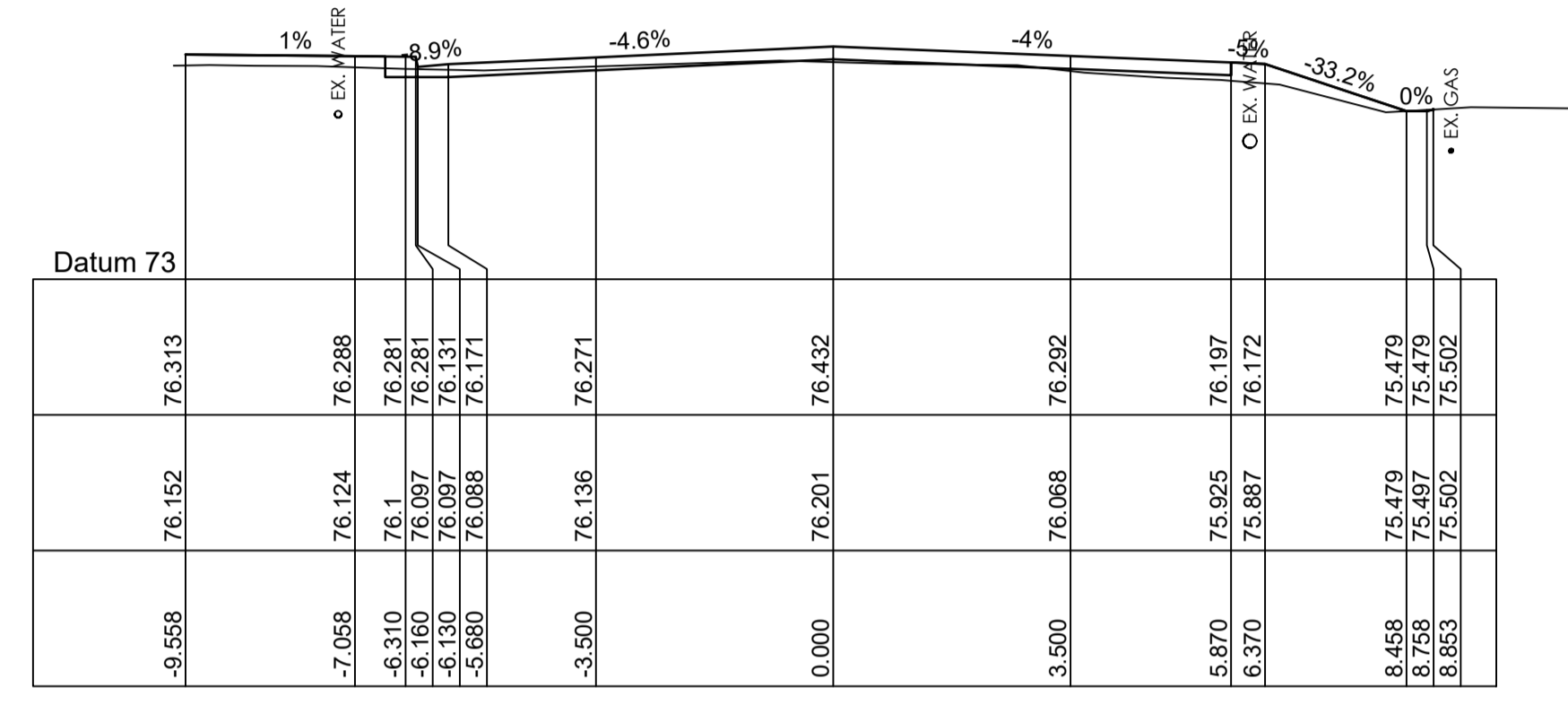
PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



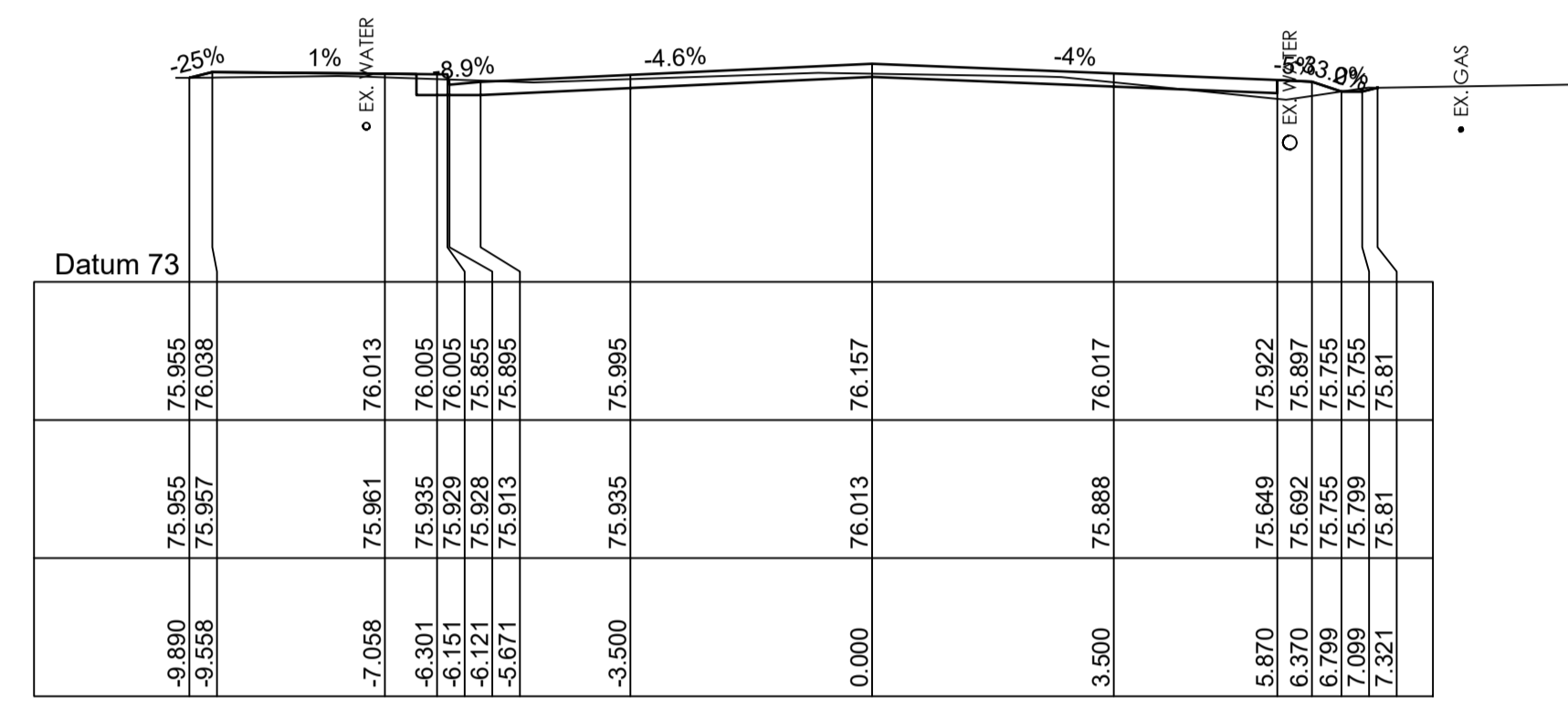
1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
MOUNT VIEW ROAD CROSS SECTIONS SHEET 1 OF 13
 PROJECT No. **TX16685.00** CODE / SHEET No. **RC-301** ISSUE **01**

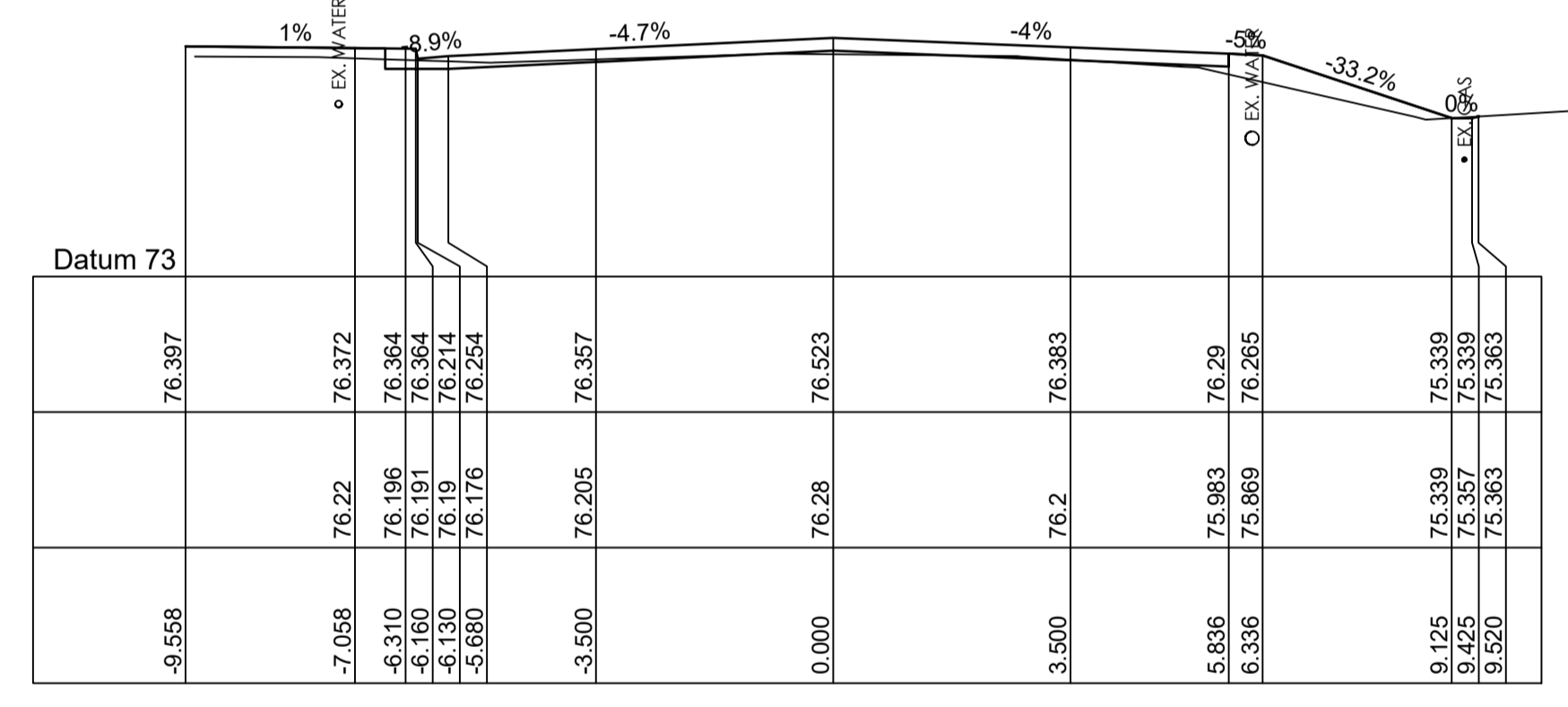
ROAD PAVEMENT:
 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



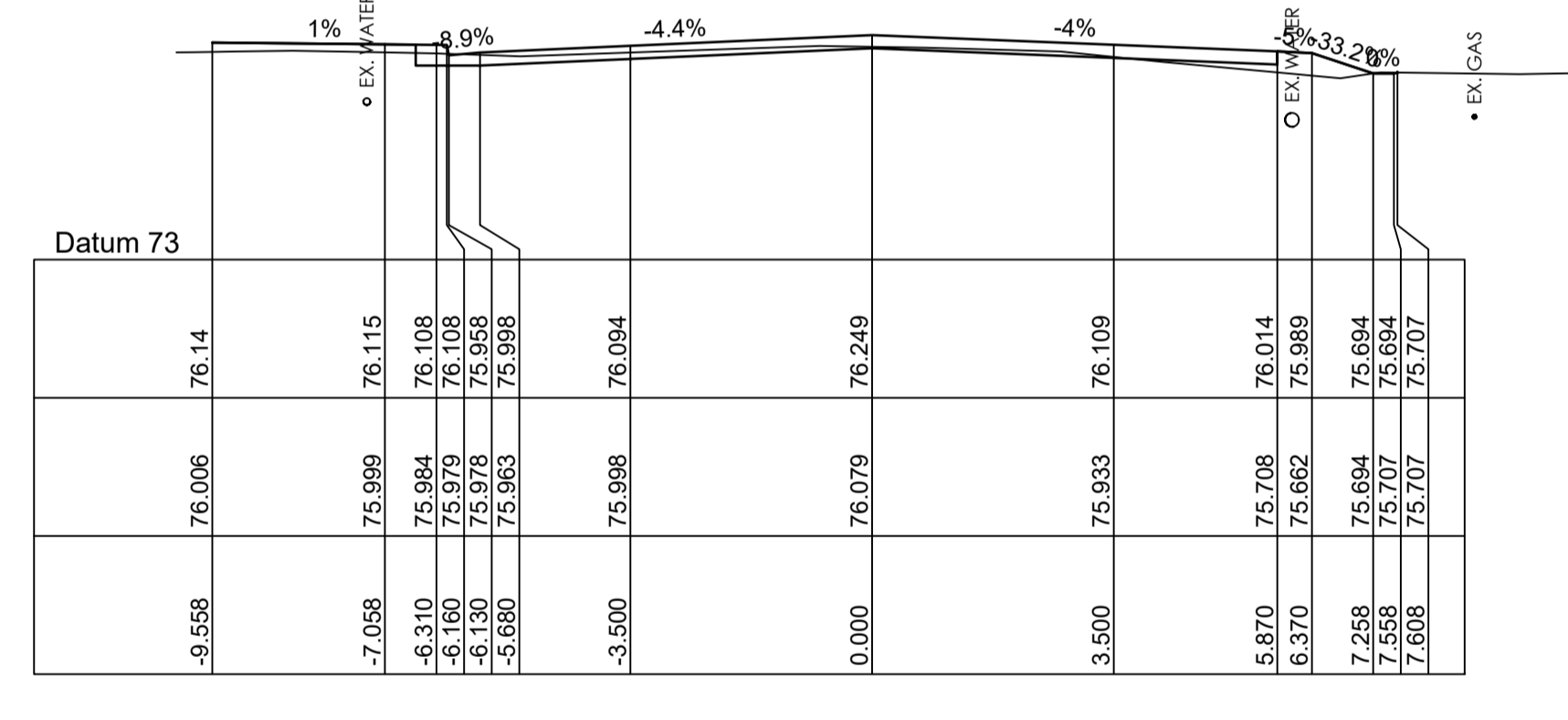
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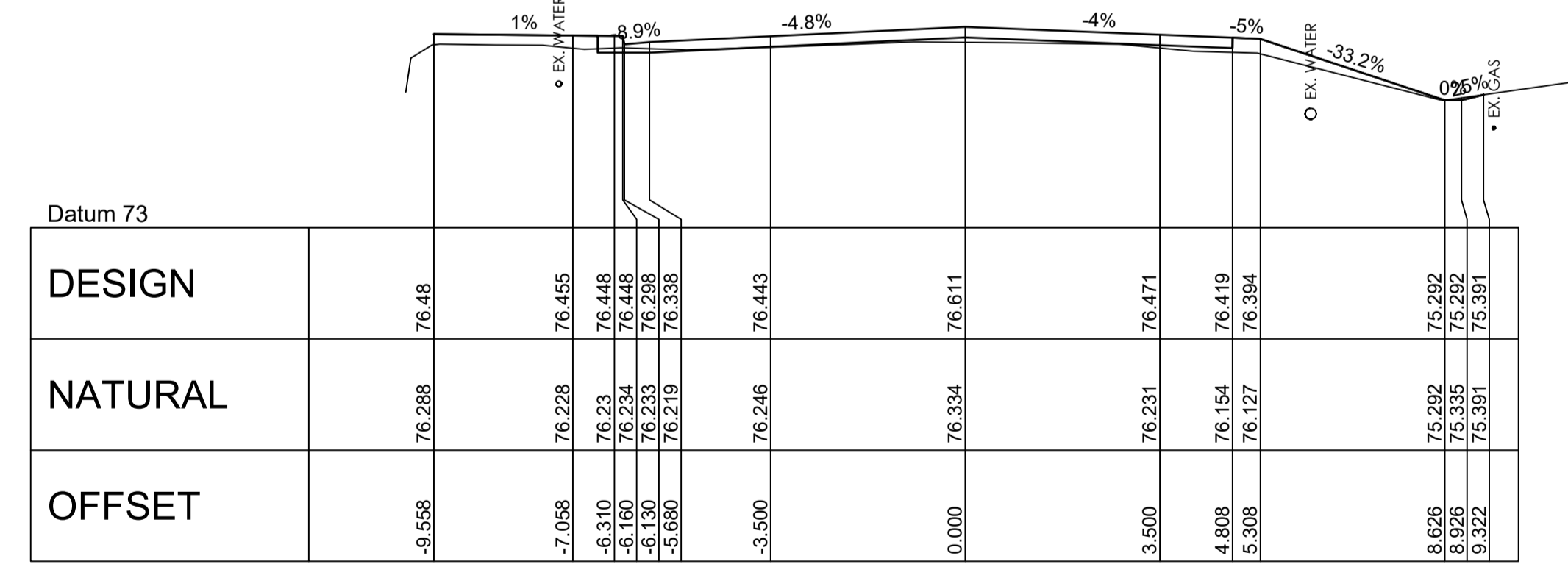
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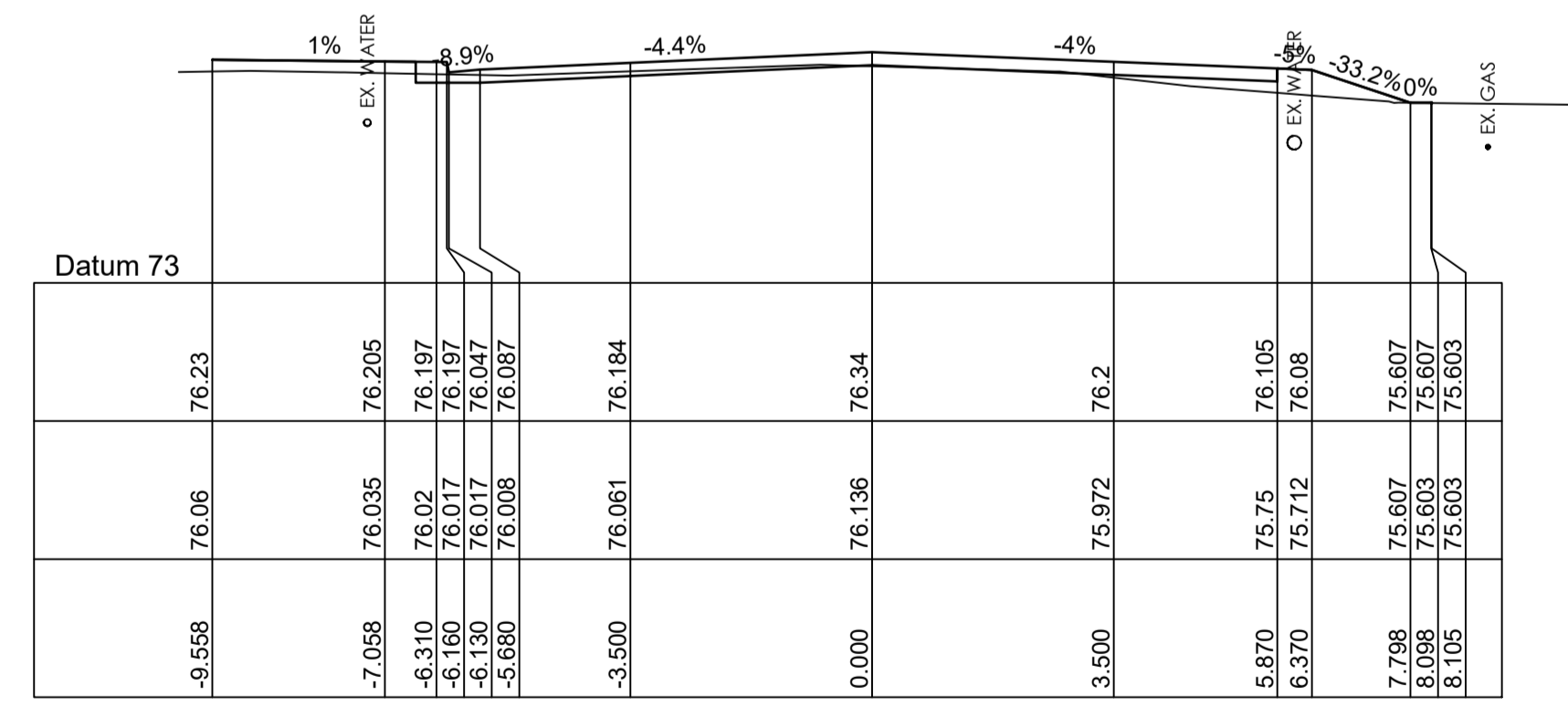
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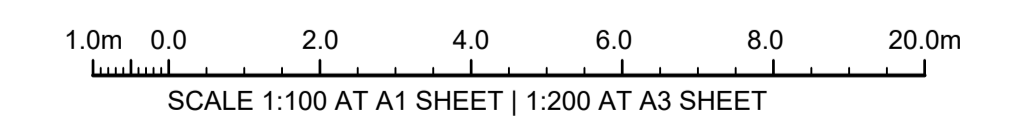
CHAINAGE 150.000



CHAINAGE 90.000

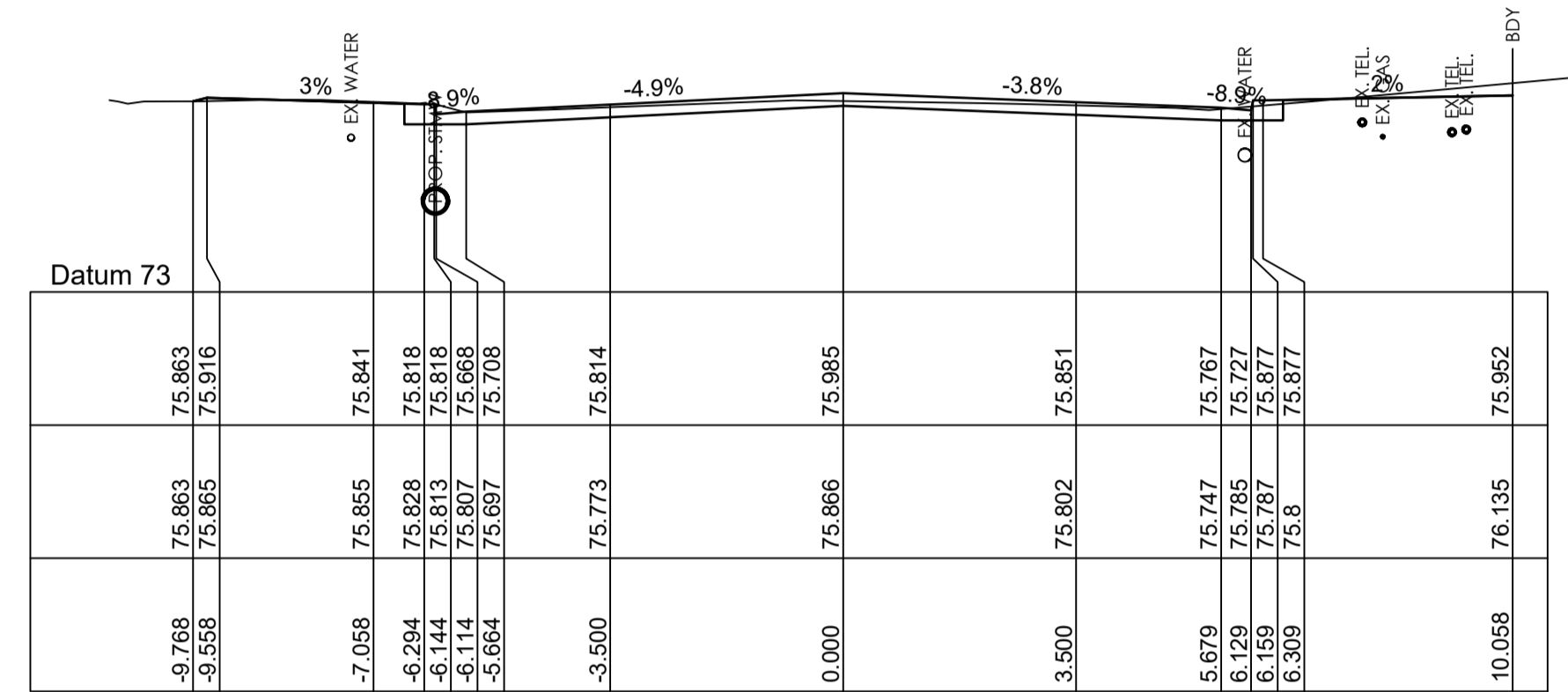


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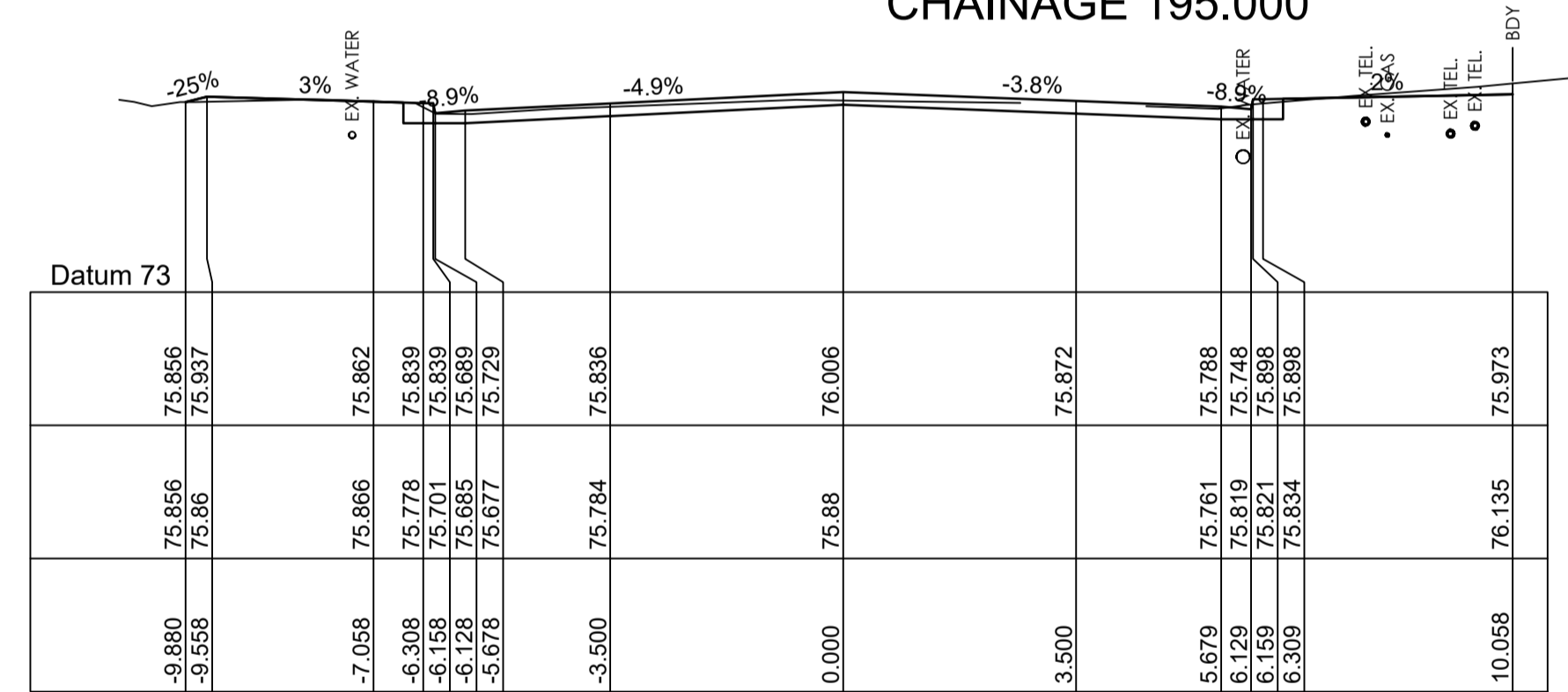


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|---|---|------------------------------|---|--|--|
| ISSUE FOR CONSTRUCTION 19.05.23 01 CW ISSUE FOR TENDER 14.12.22 00 CW AMENDMENTS DATE ISSUE BY FOR CONSTRUCTION | NORTH POINT U.N.O. CLIENT / LGP Public Works Department of Regional NSW CONTRACT No RFT-10055031 | CESSNOCK CITY COUNCIL | PROJECT MOUNTVIEW ROAD REHABILITATION MOUNTVIEW ROAD, CESSNOCK NSW (FROM LINKS AVE TO BARRETT'S AVE) DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 - | TRIAxIAL CONSULTING COMPLEX PROBLEMS RESOLVED SIMPLY 1300 874 294 TRIAXIAL.COM.AU UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293 PO BOX 3197, TUGGERAH NSW 2259 TO BE PRINTED IN COLOUR | DRAWING TITLE MOUNT VIEW ROAD CROSS SECTIONS SHEET 2 OF 13 PROJECT No. TX16685.00 CODE / SHEET No. RC-302 ISSUE 01 |
| | | | | | |

ROAD PAVEMENT:
 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



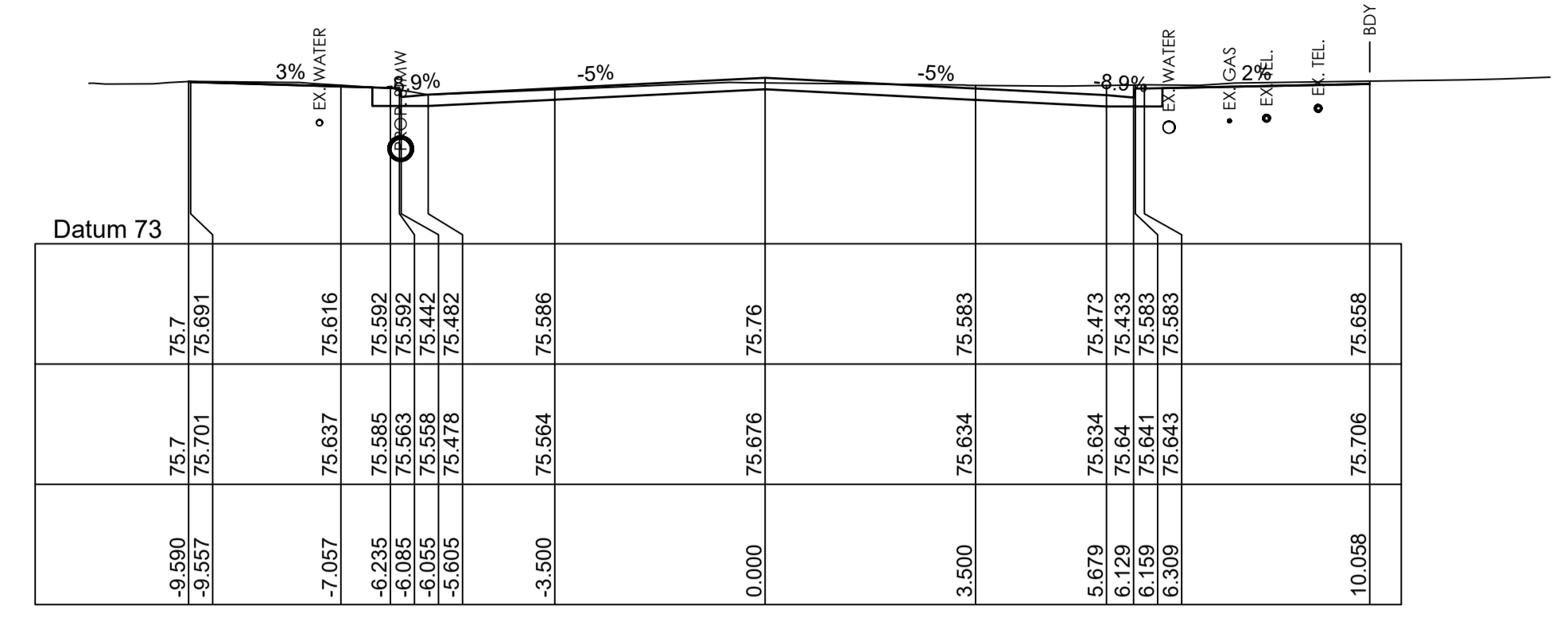
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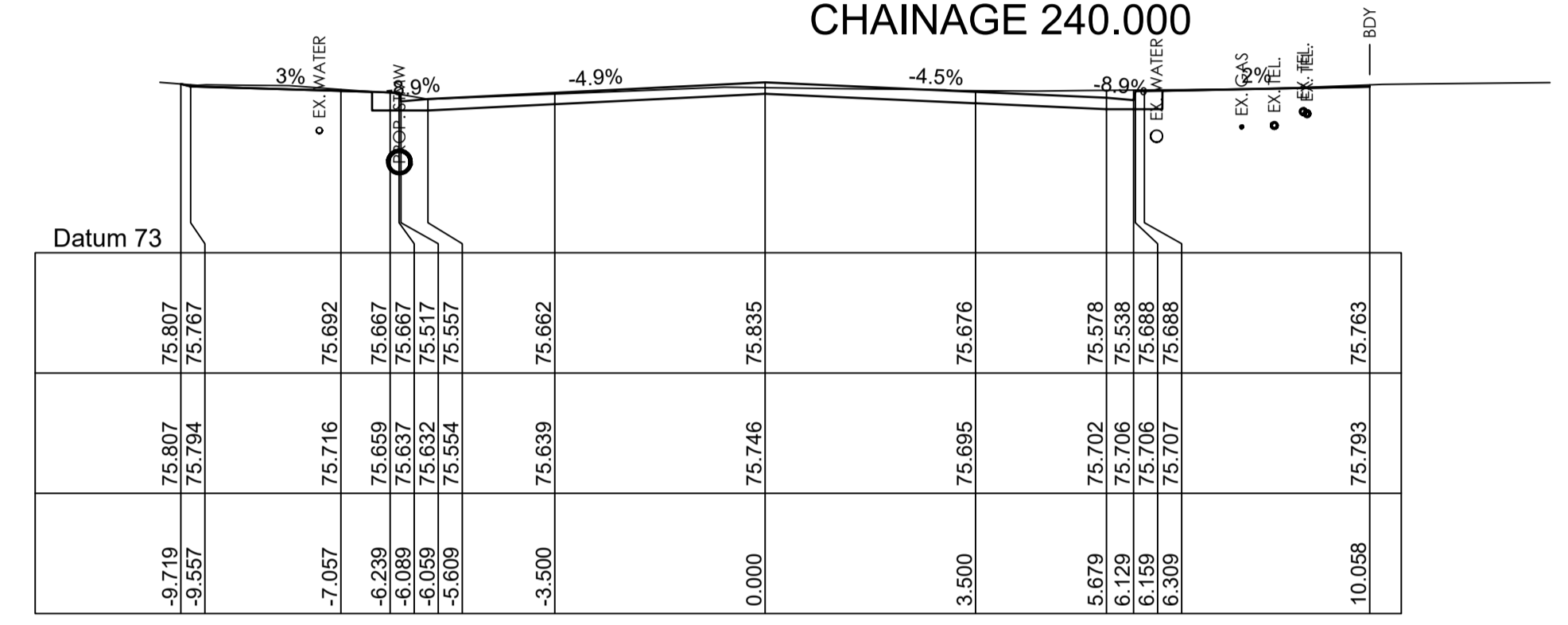
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| | -7.058 | 75.871 |
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| | -6.086 | 75.829 |
| | -5.636 | 75.824 |
| | -3.500 | 75.842 |
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| | 3.500 | 75.928 |
| | 5.841 | 75.707 |
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| | 6.507 | 75.762 |
| | 6.807 | 75.786 |
| | 6.952 | 75.798 |

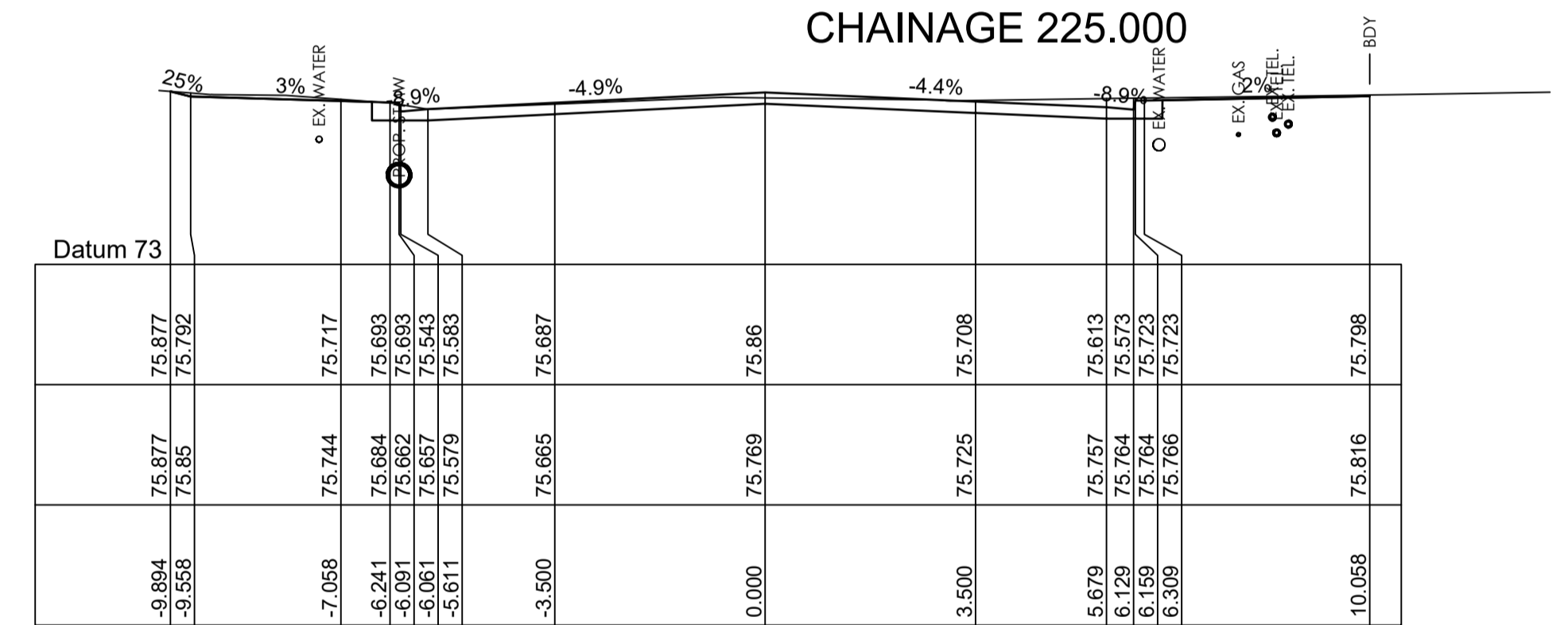
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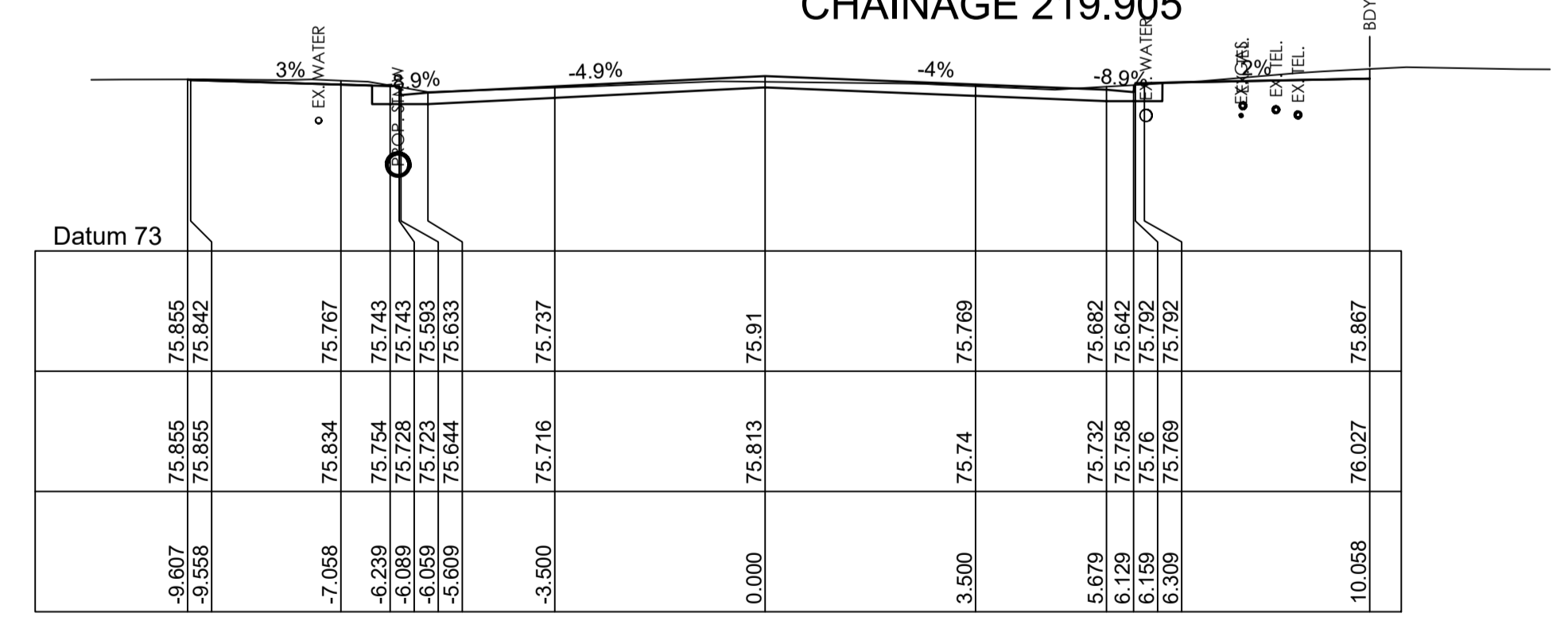
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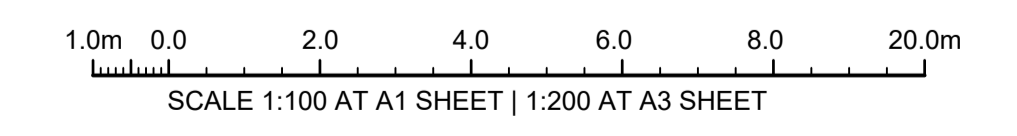
CHAINAGE 225.000



CHAINAGE 219.905



CHAINAGE 210.000



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGP

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

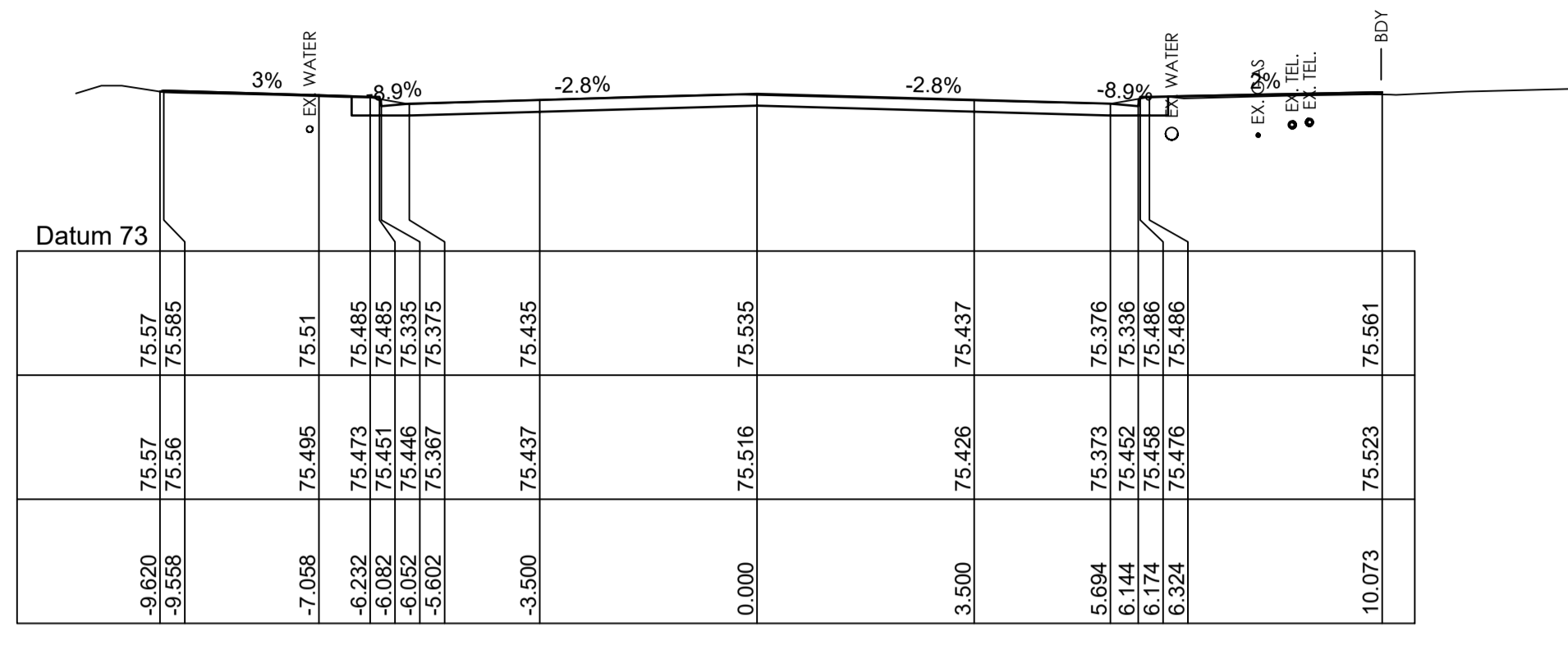
TRIAxIAL CONSULTING
 COMPLEX PROBLEMS
 RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

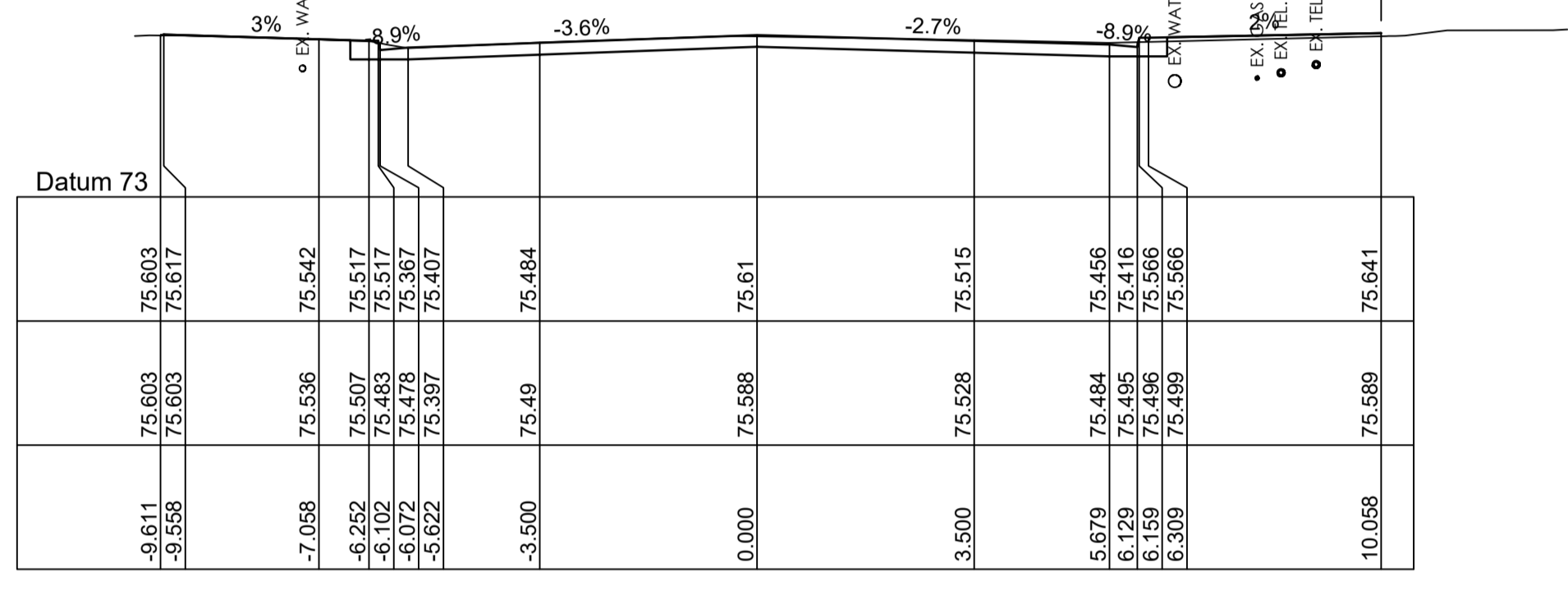
DRAWING TITLE
MOUNT VIEW ROAD CROSS SECTIONS SHEET 3 OF 13

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-303** ISSUE **01**

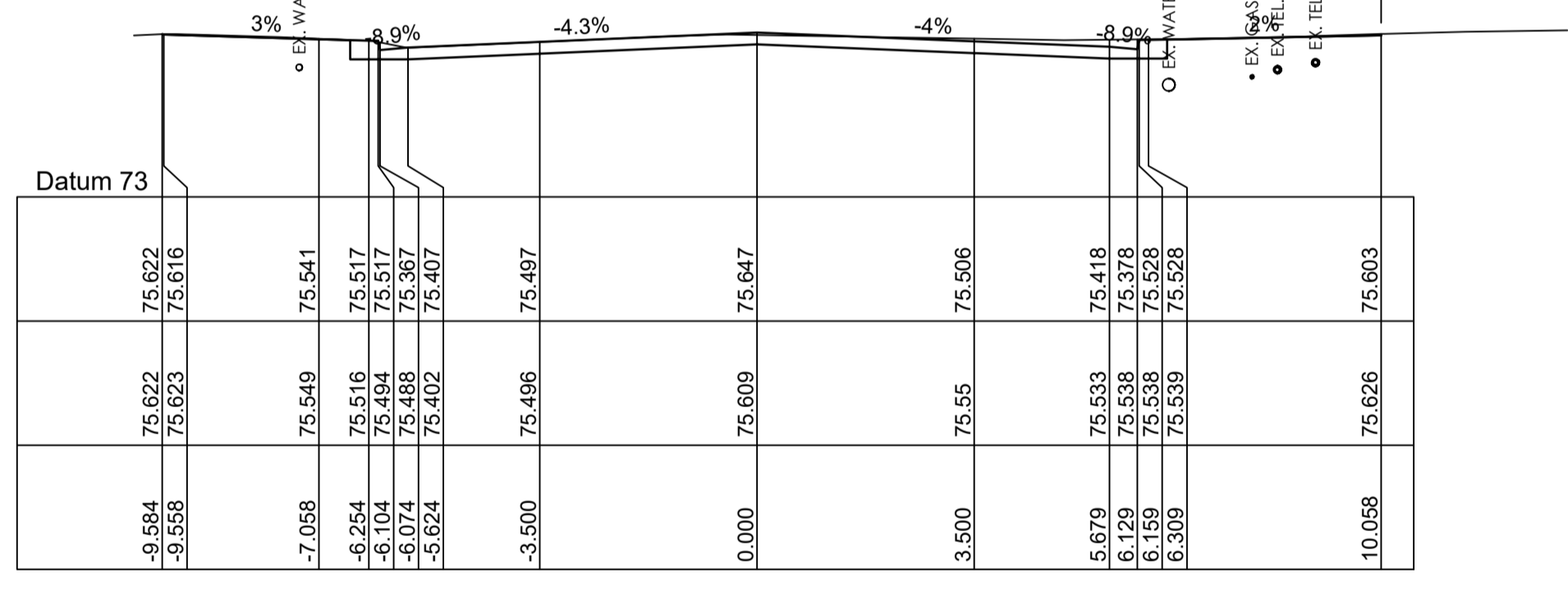
ROAD PAVEMENT:
 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



CHAINAGE 285.000



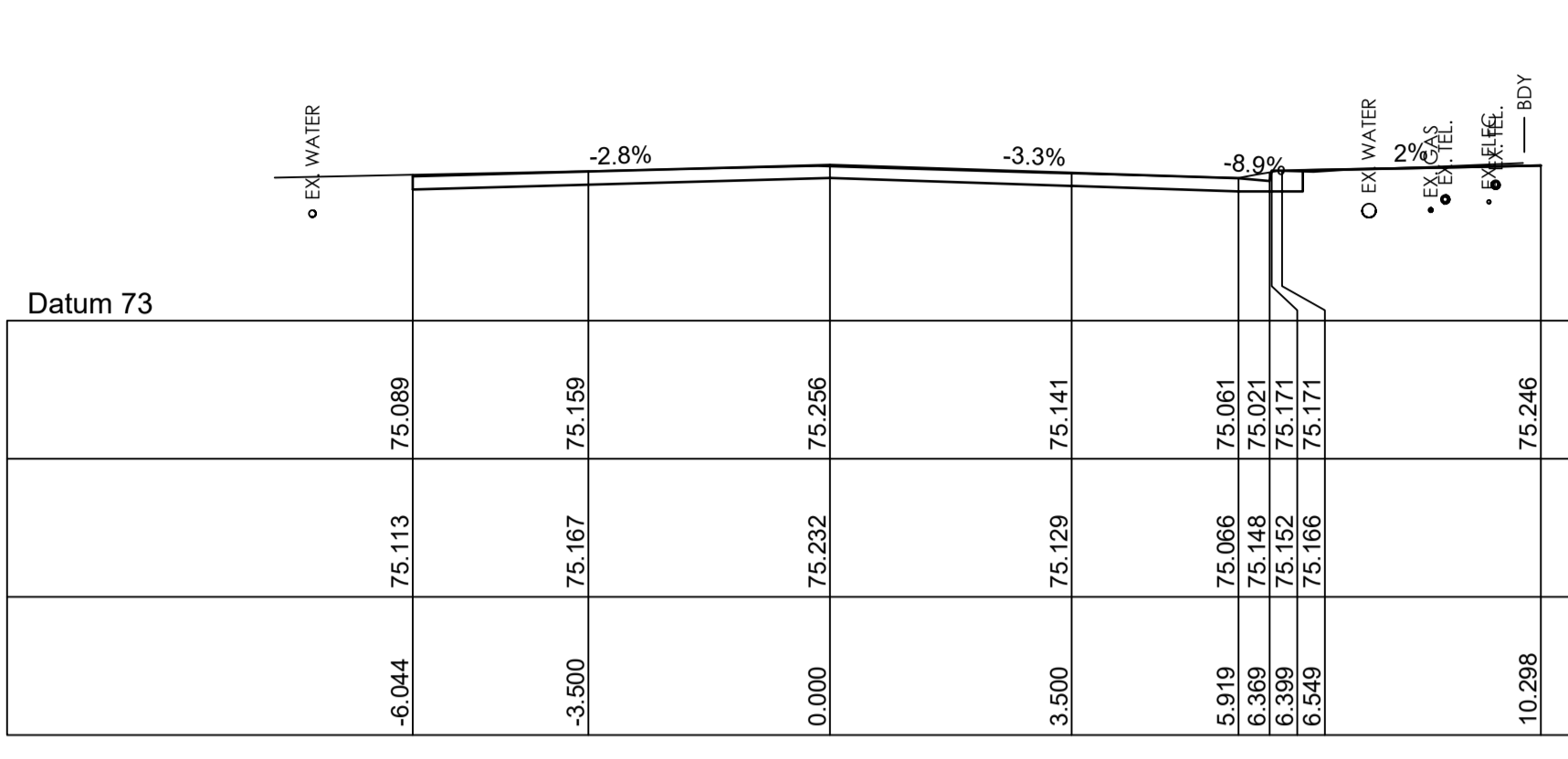
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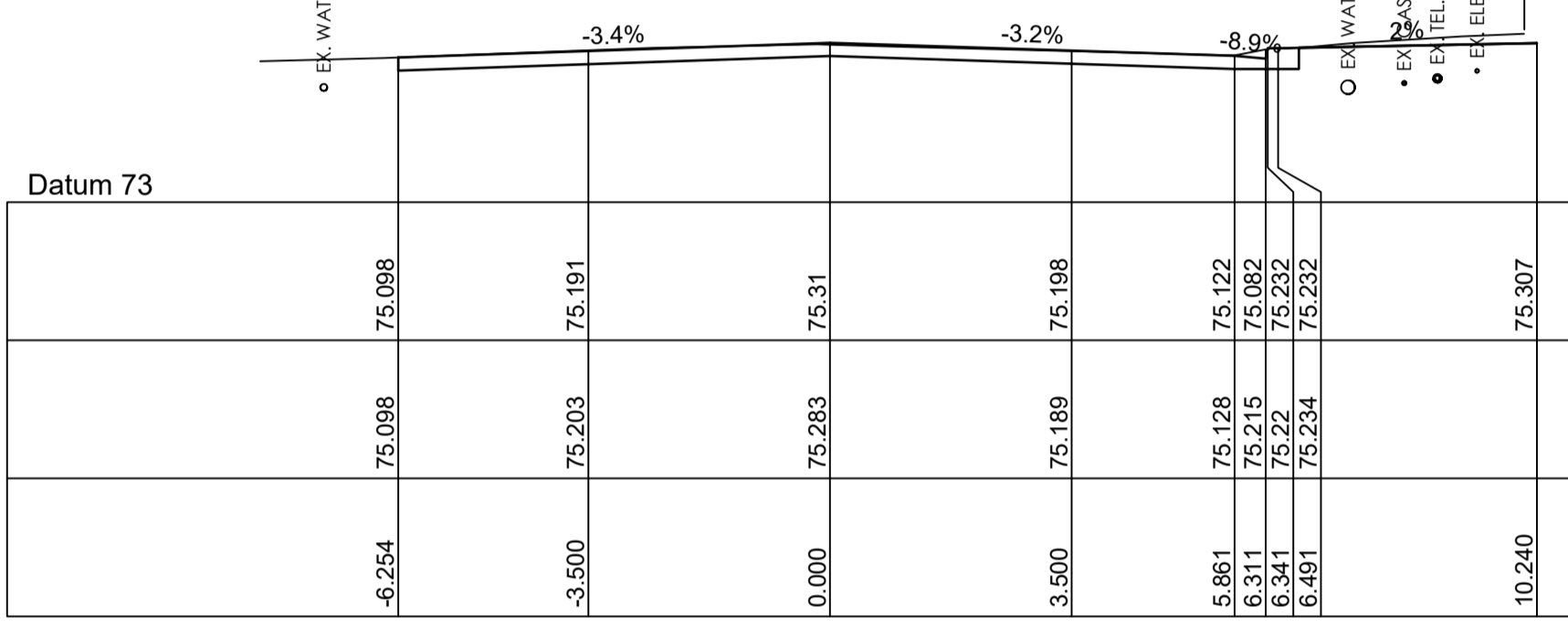
CHAINAGE 262.505

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|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Design | 75.644 | 75.616 | 75.541 | 75.516 | 75.516 | 75.366 | 75.406 | 75.511 | 75.685 | 75.497 | 75.381 | 75.341 | 75.413 | 75.491 | 75.566 |
| Natural | 75.644 | 75.616 | 75.541 | 75.516 | 75.516 | 75.366 | 75.406 | 75.511 | 75.685 | 75.497 | 75.381 | 75.341 | 75.413 | 75.491 | 75.566 |

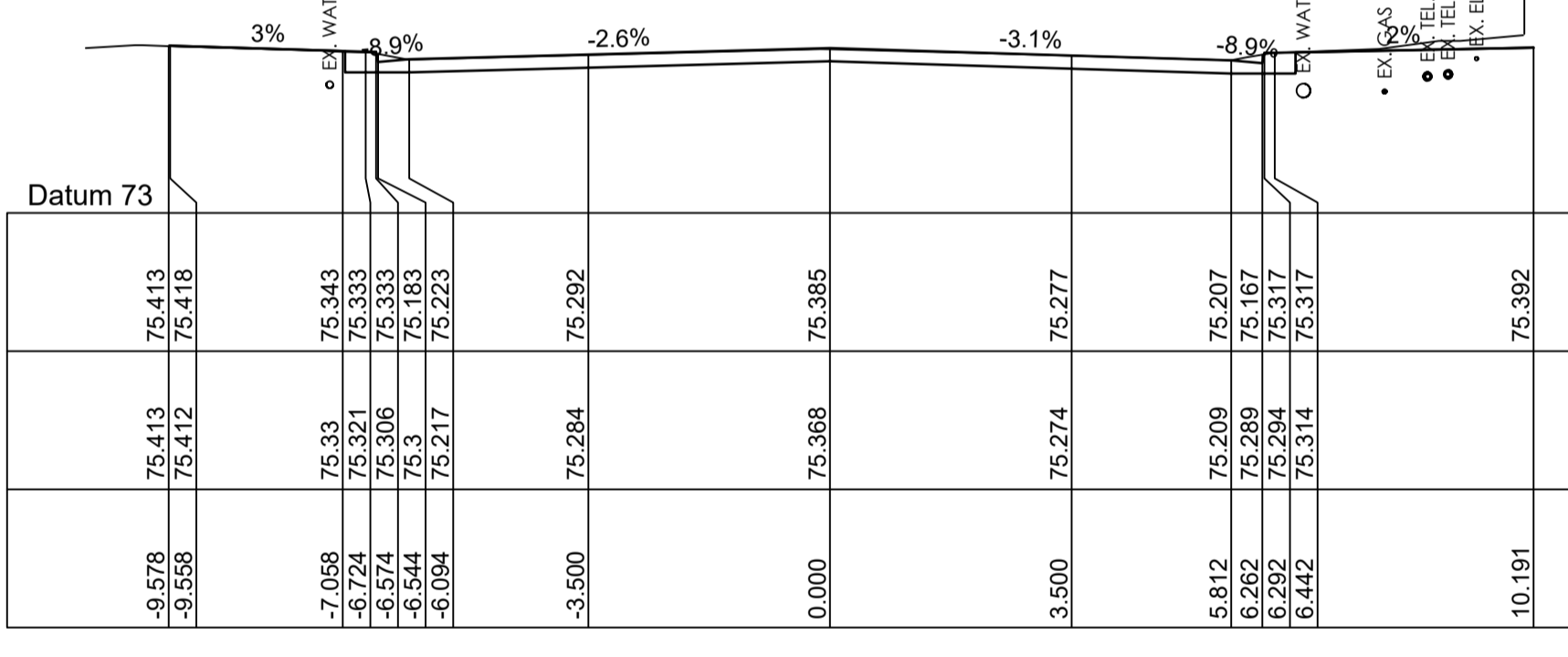
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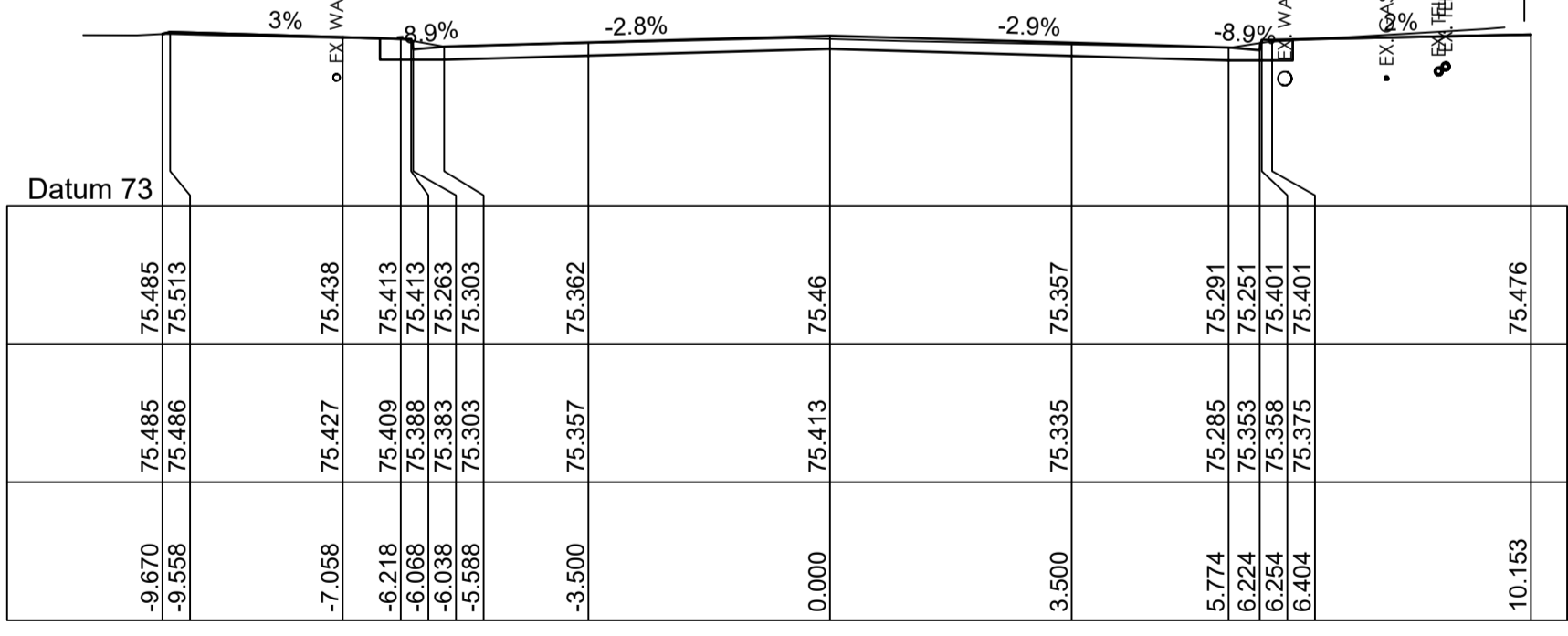
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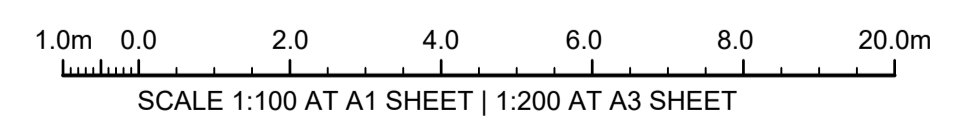
CHAINAGE 330.000



CHAINAGE 315.000



CHAINAGE 300.000



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGP

Public Works
 Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS
 RESOLVED SIMPLY

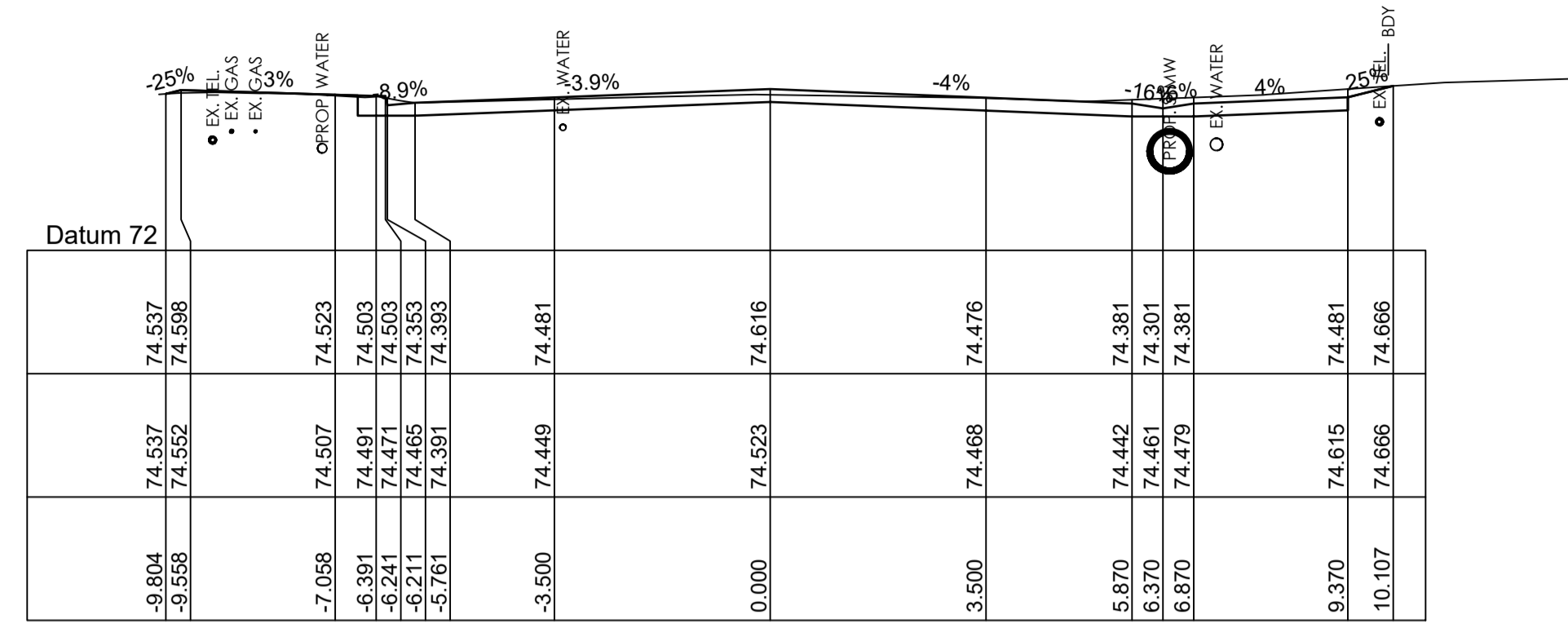
1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

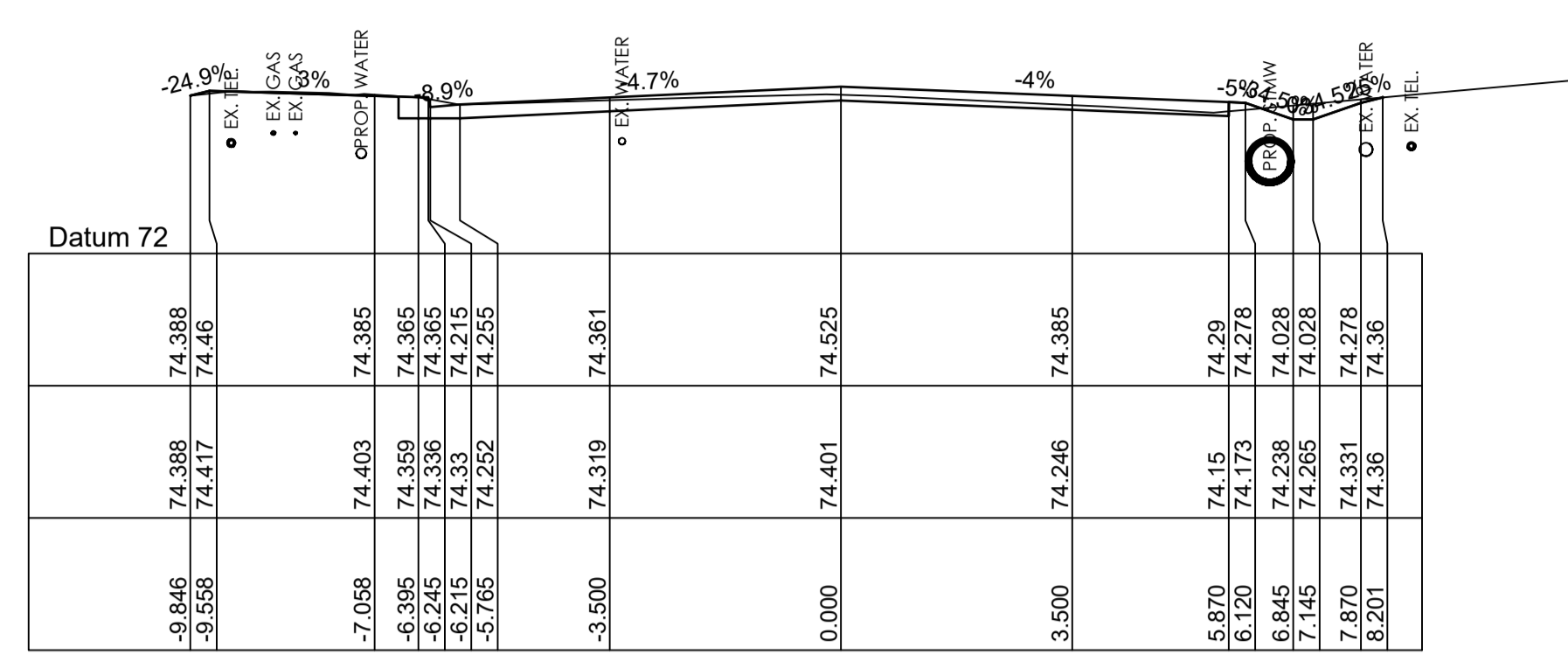
DRAWING TITLE
MOUNT VIEW ROAD CROSS SECTIONS SHEET 4 OF 13

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-304** ISSUE **01**

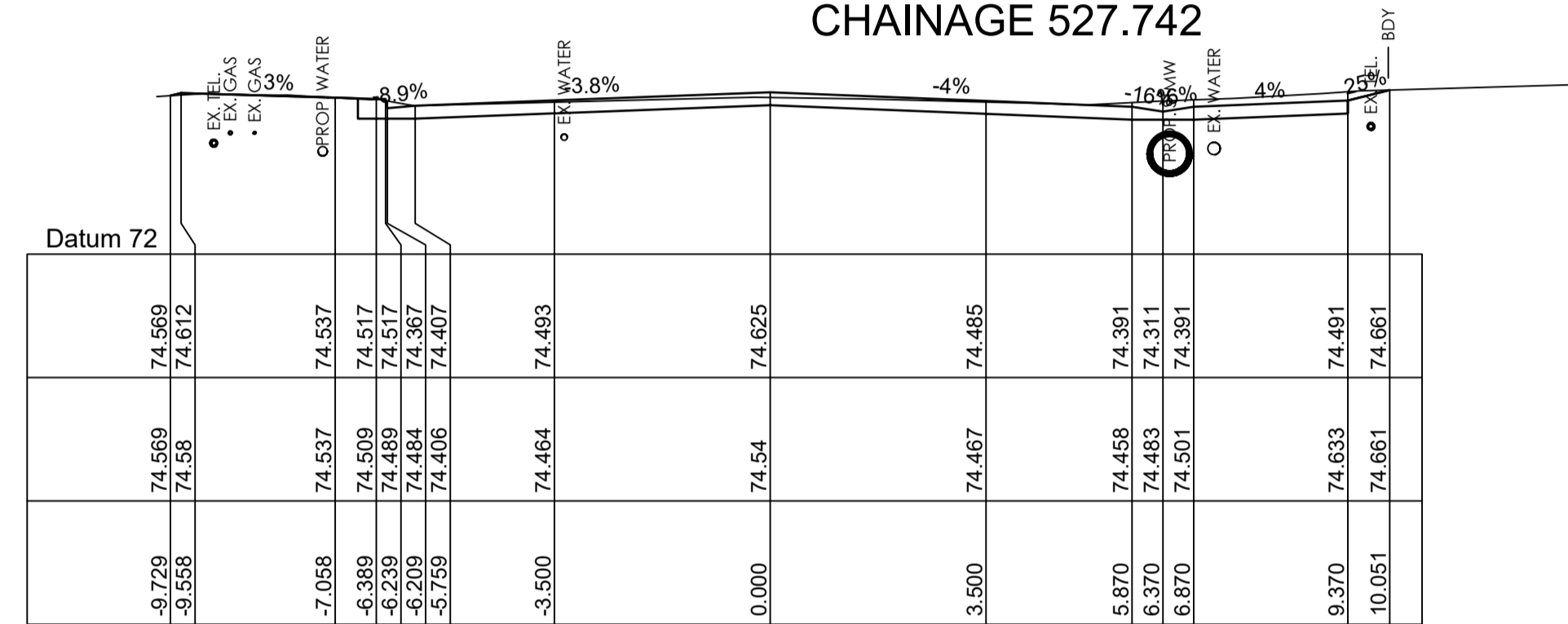
ROAD PAVEMENT:
 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



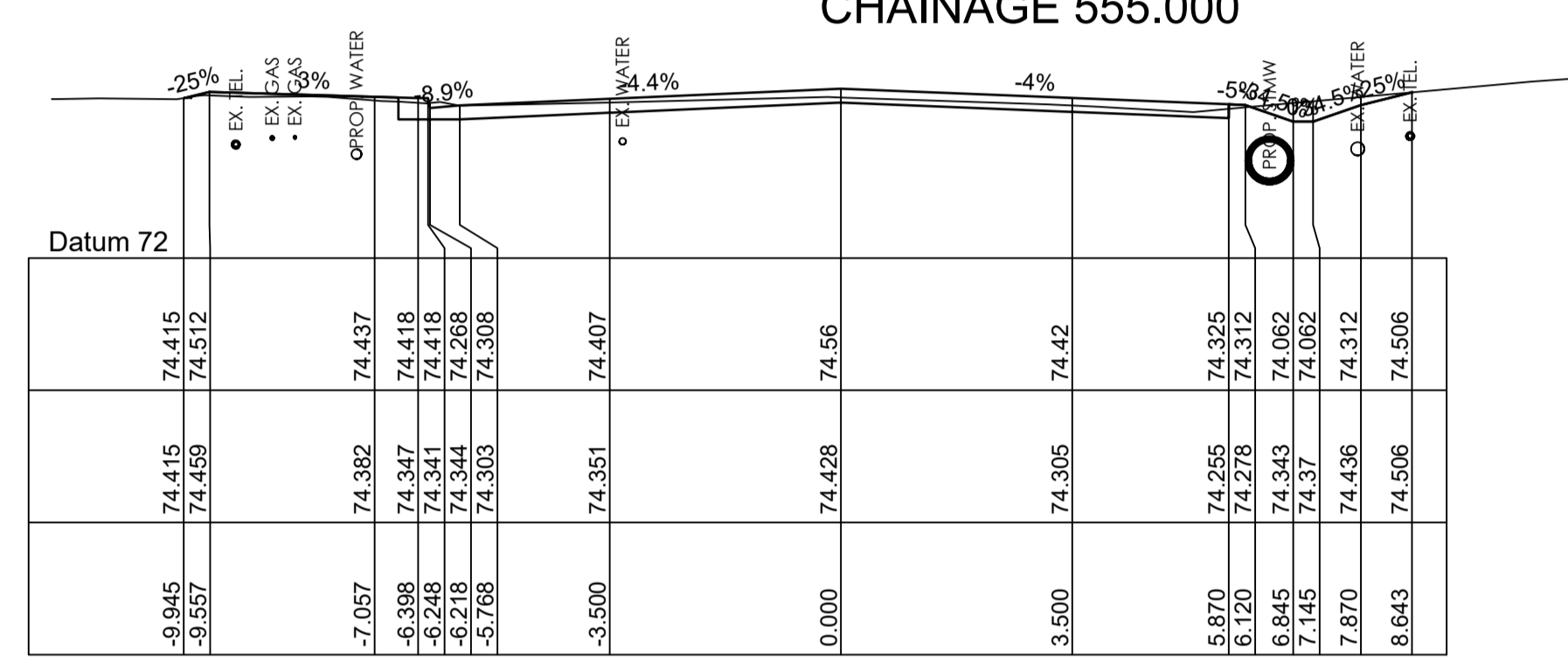
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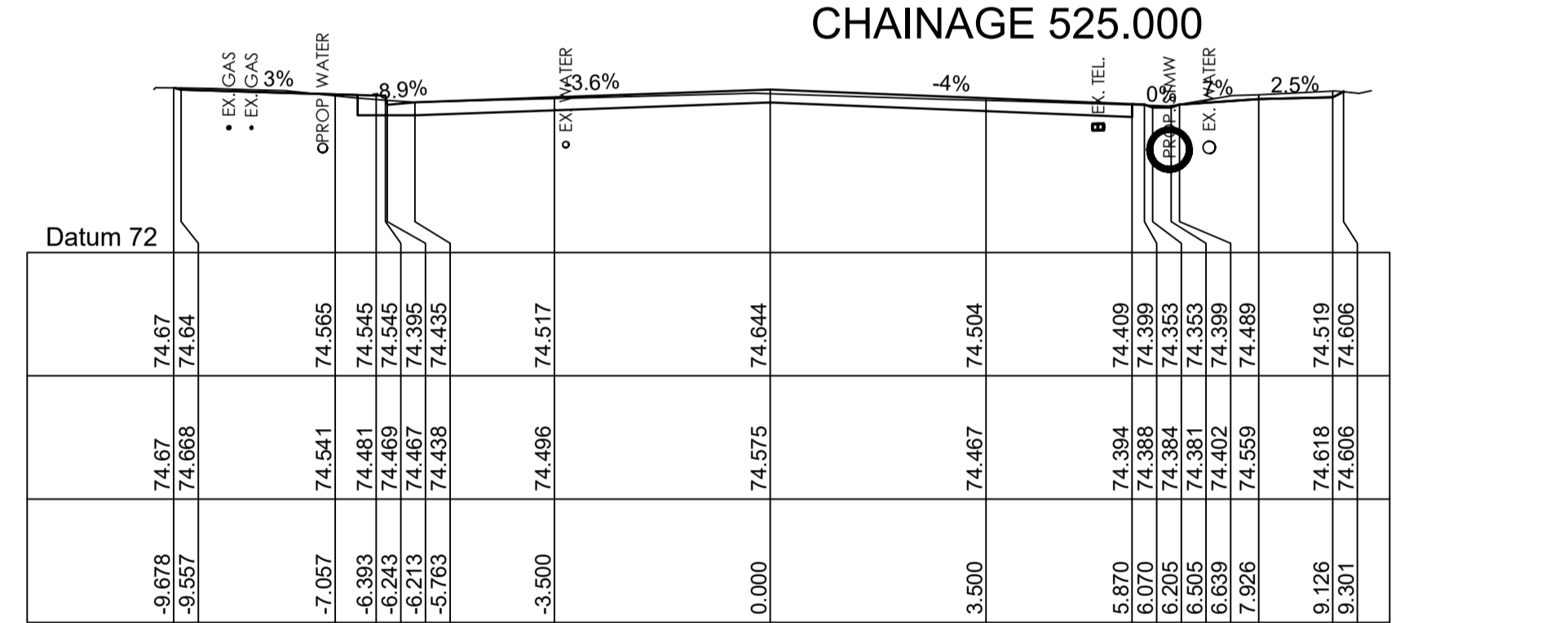
CHAINAGE 555.000



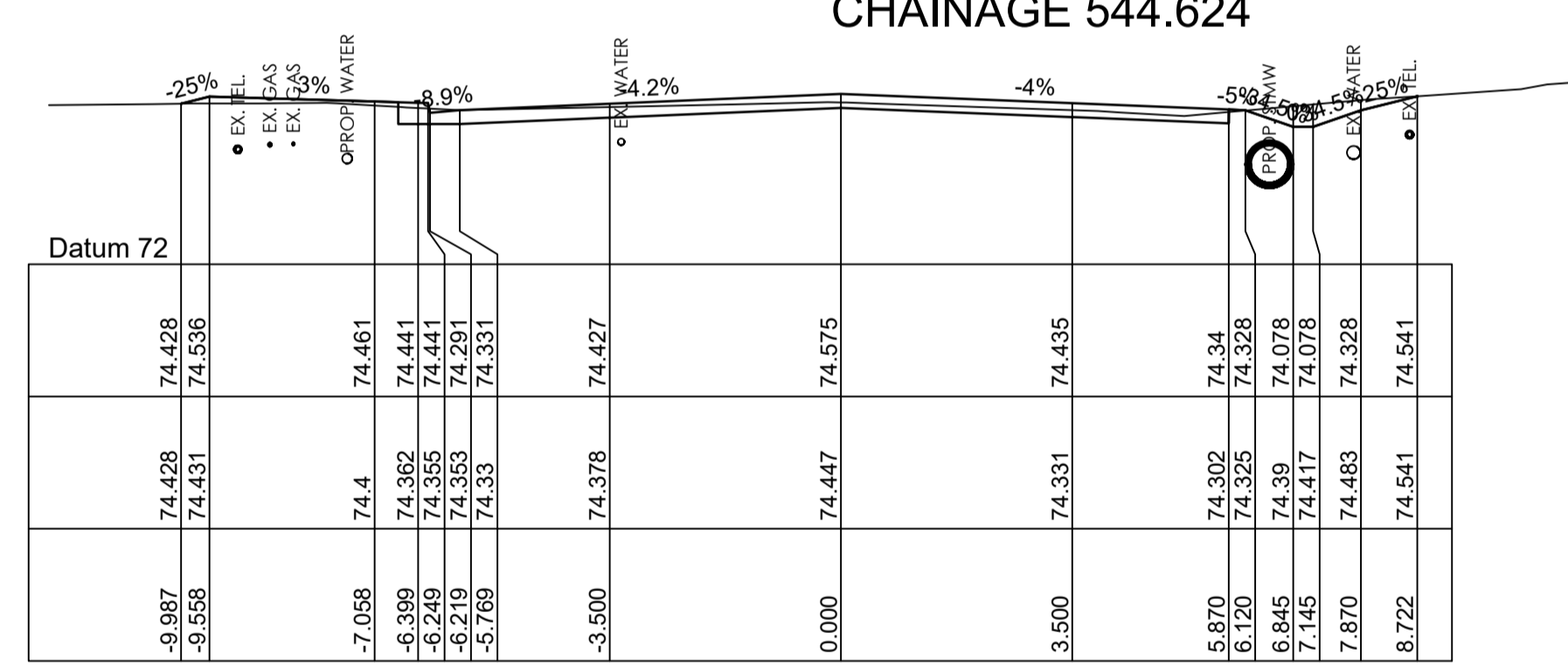
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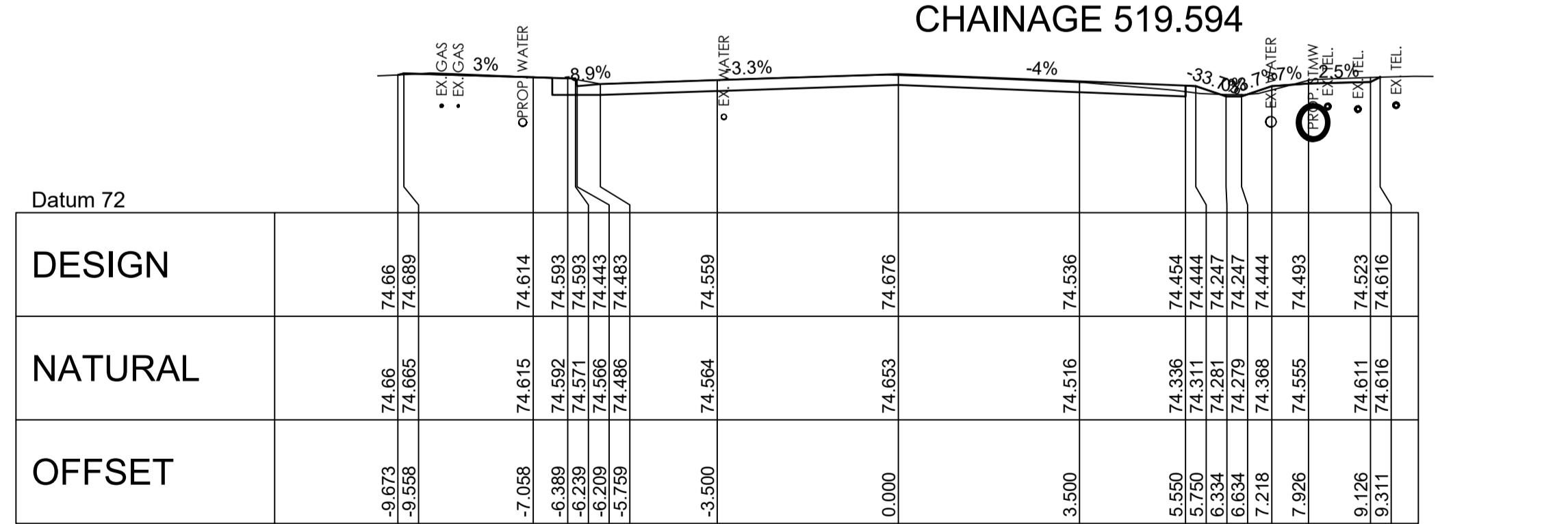
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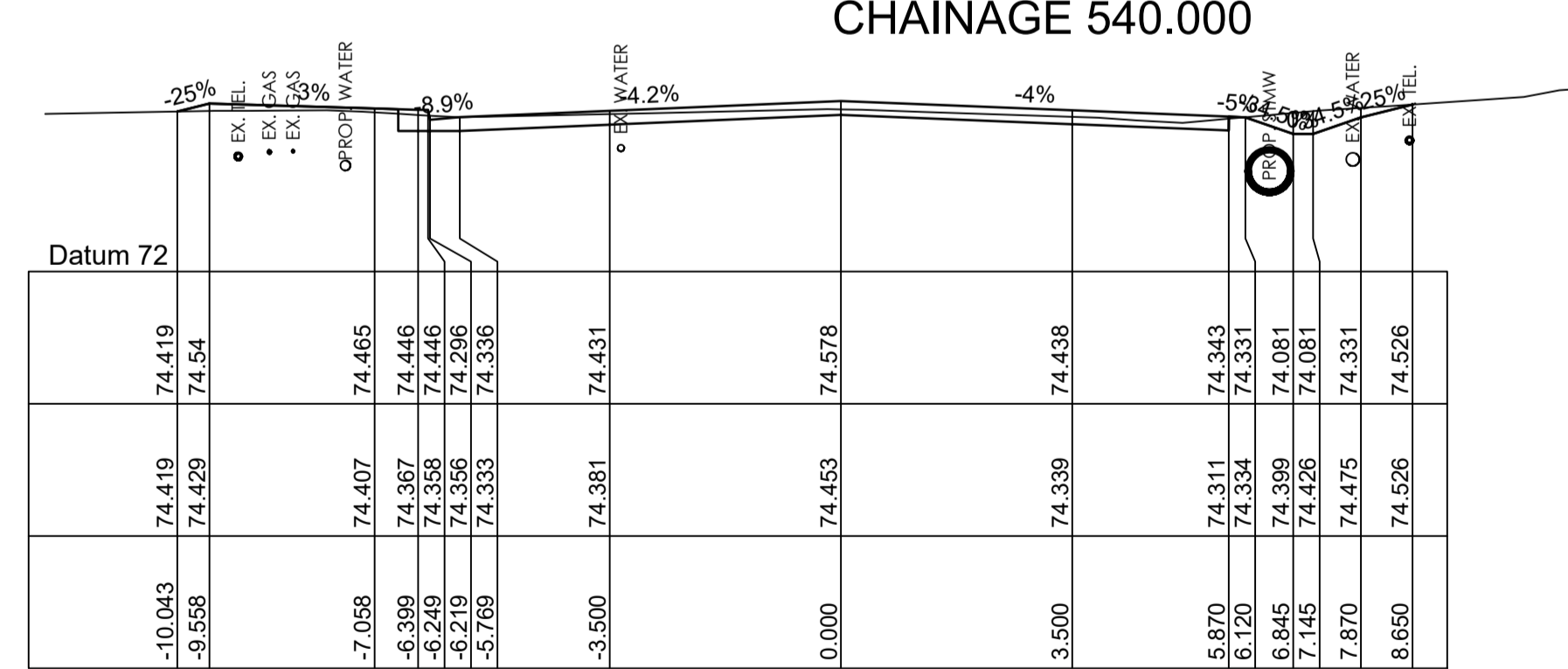
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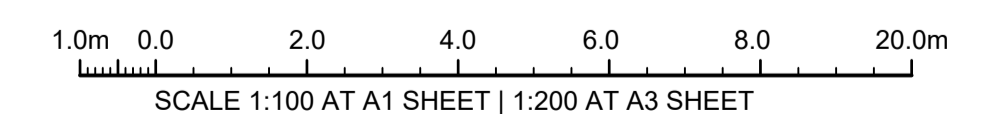
CHAINAGE 540.000



CHAINAGE 510.000



CHAINAGE 539.104



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LG

Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS
 RESOLVED SIMPLY

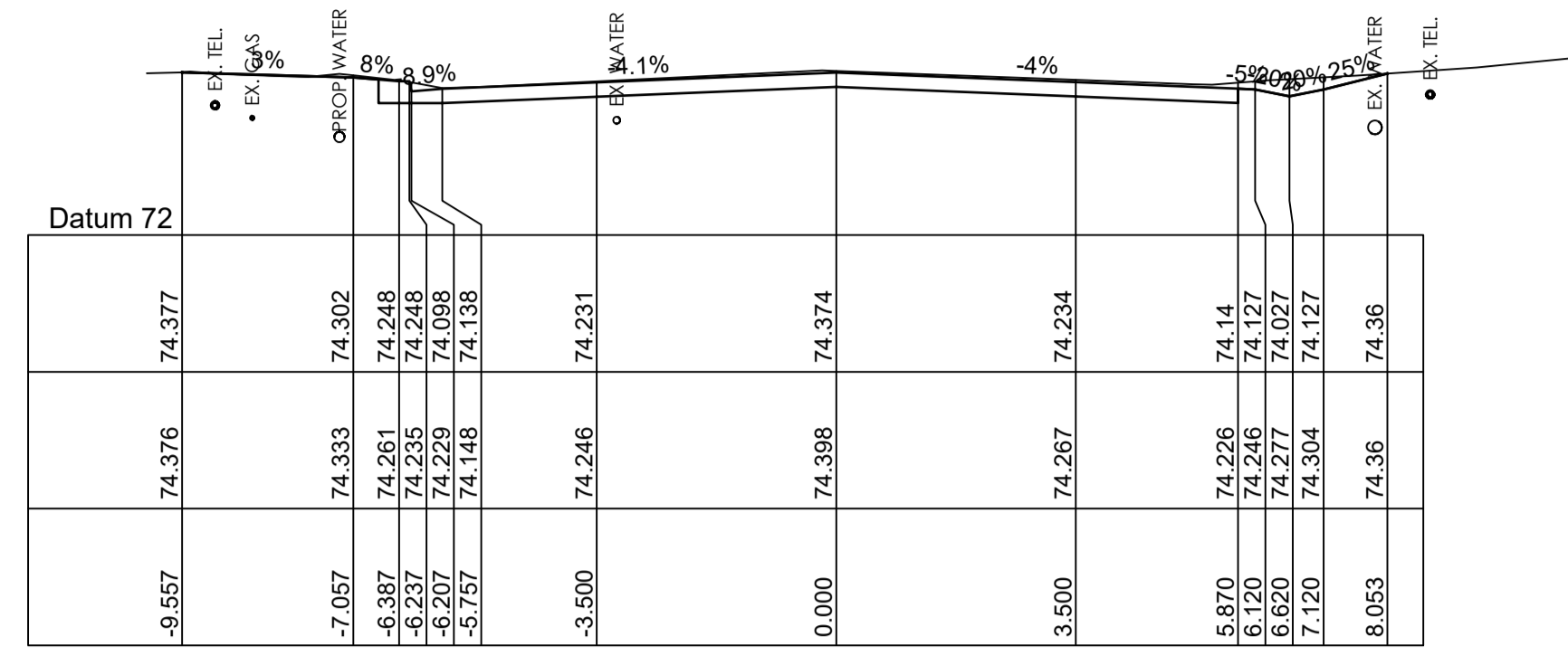
1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

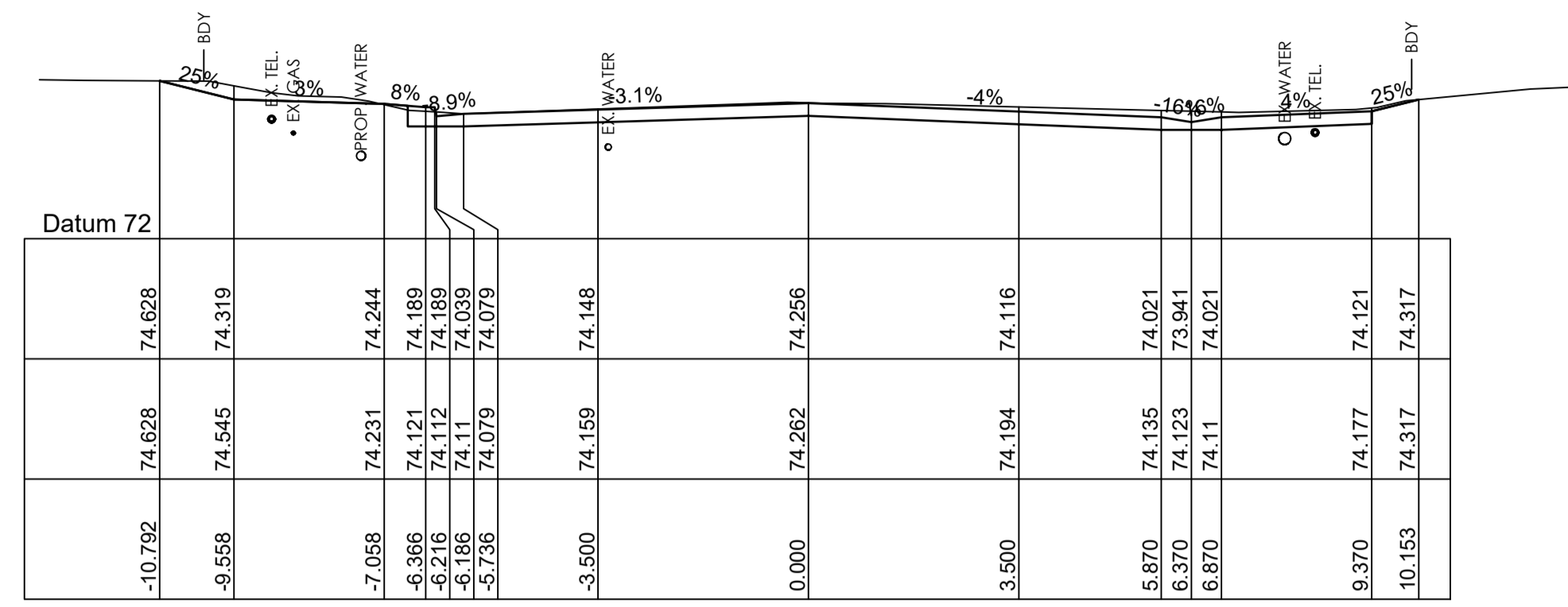
DRAWING TITLE
**MOUNT VIEW ROAD CROSS
 SECTIONS SHEET 7 OF 13**

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-307** ISSUE **01**

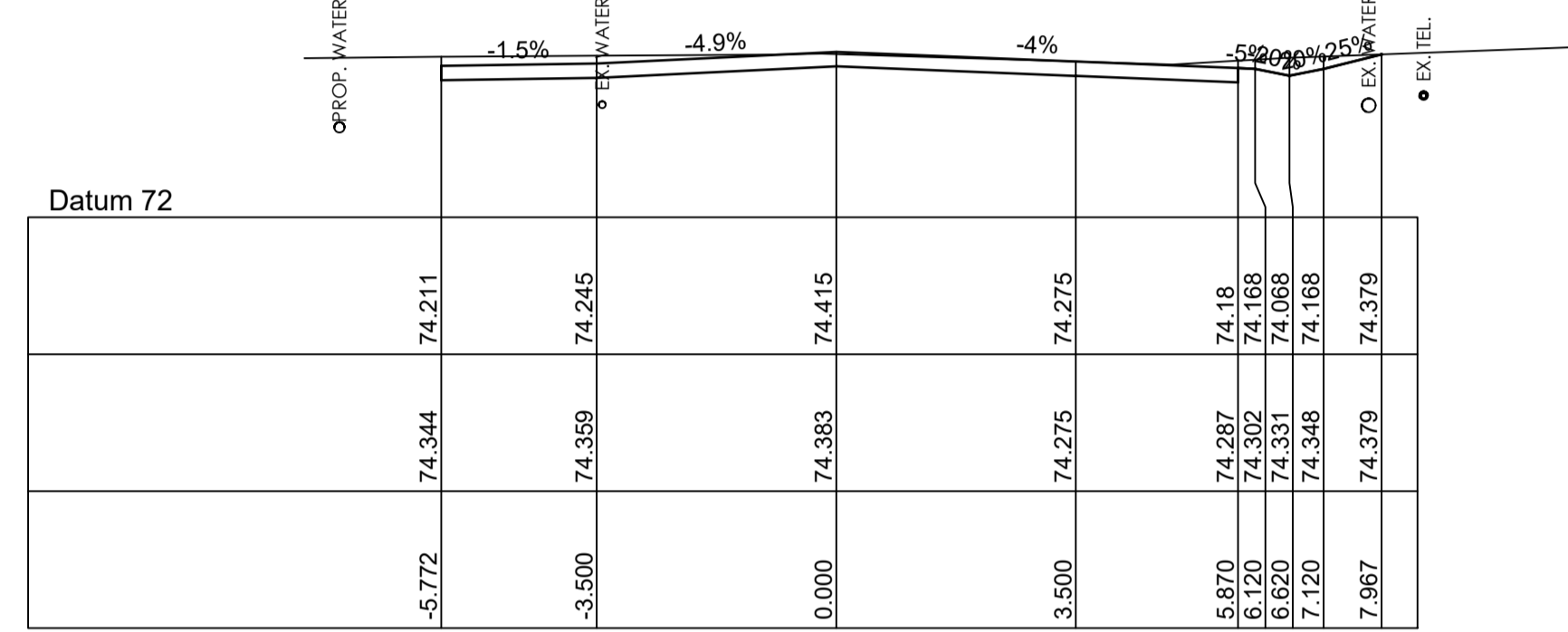
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 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



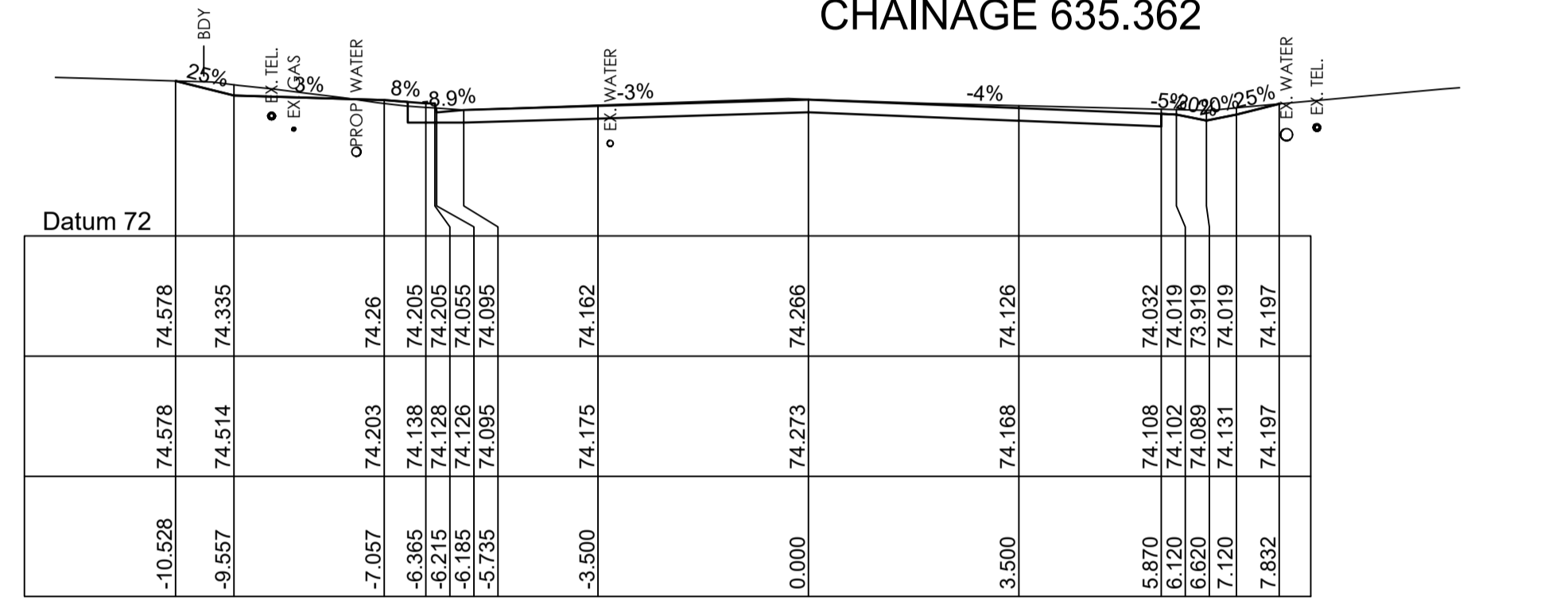
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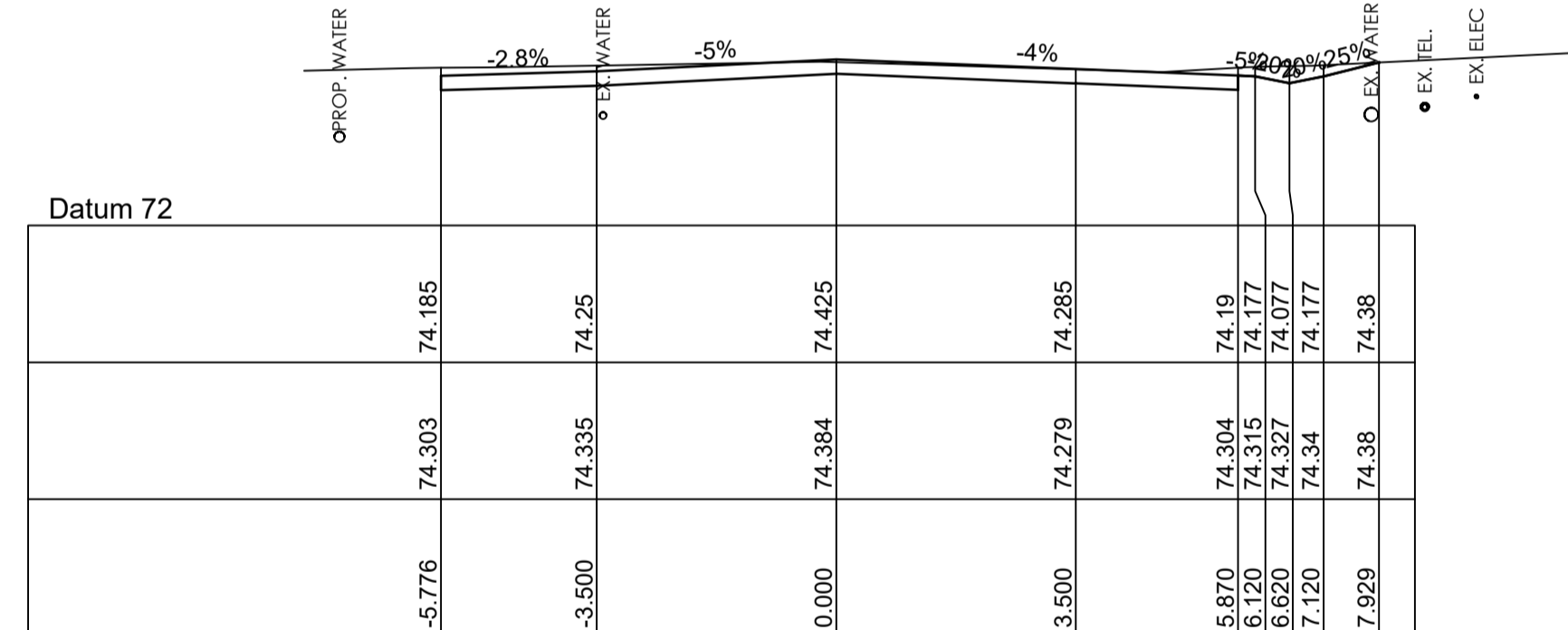
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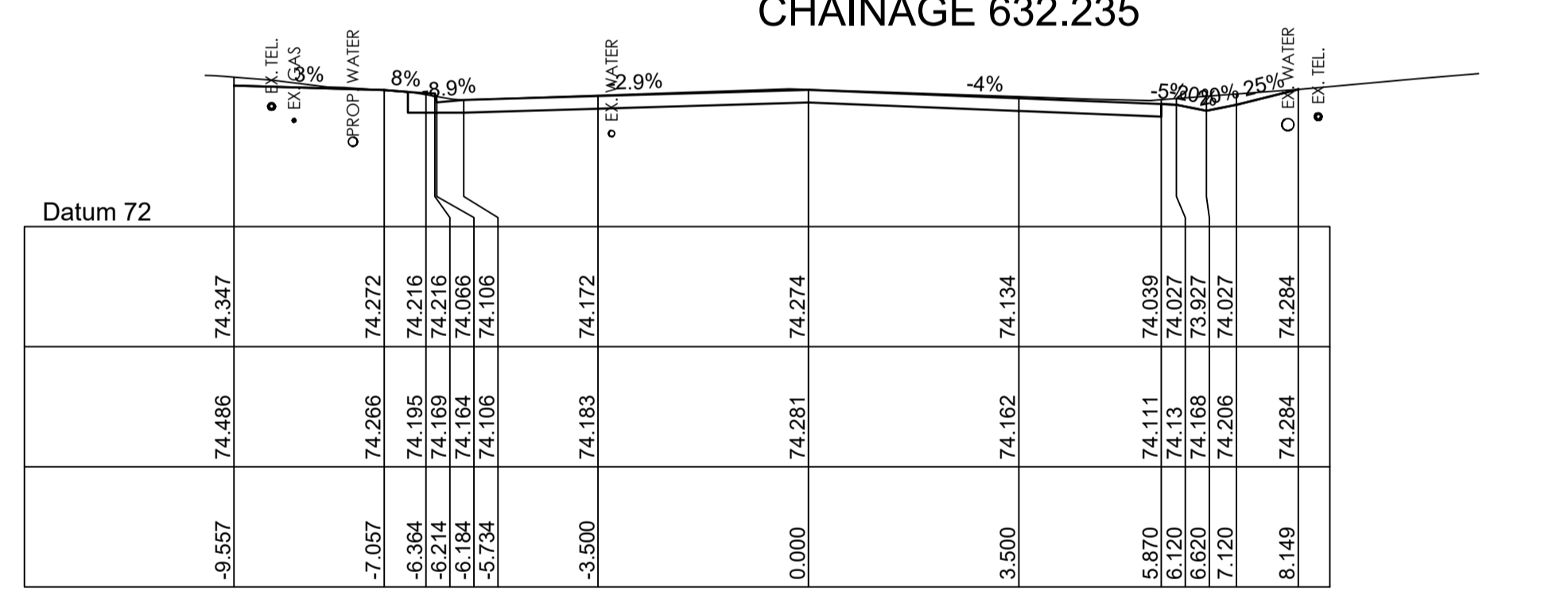
CHAINAGE 587.903



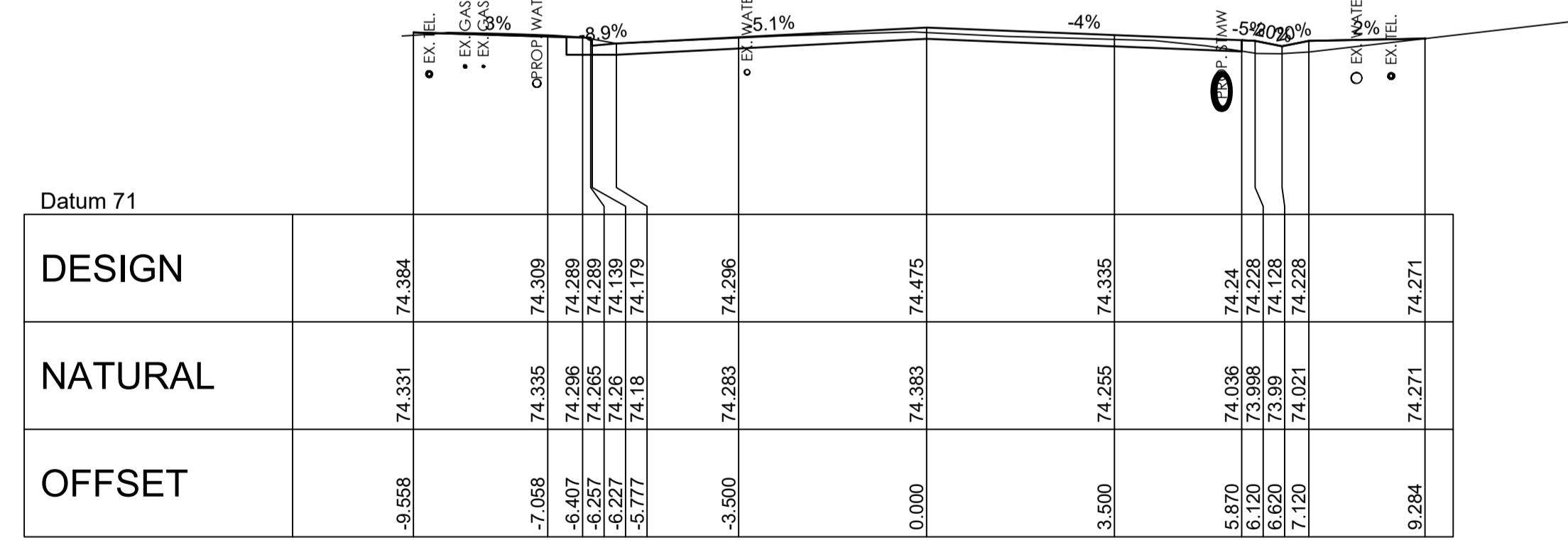
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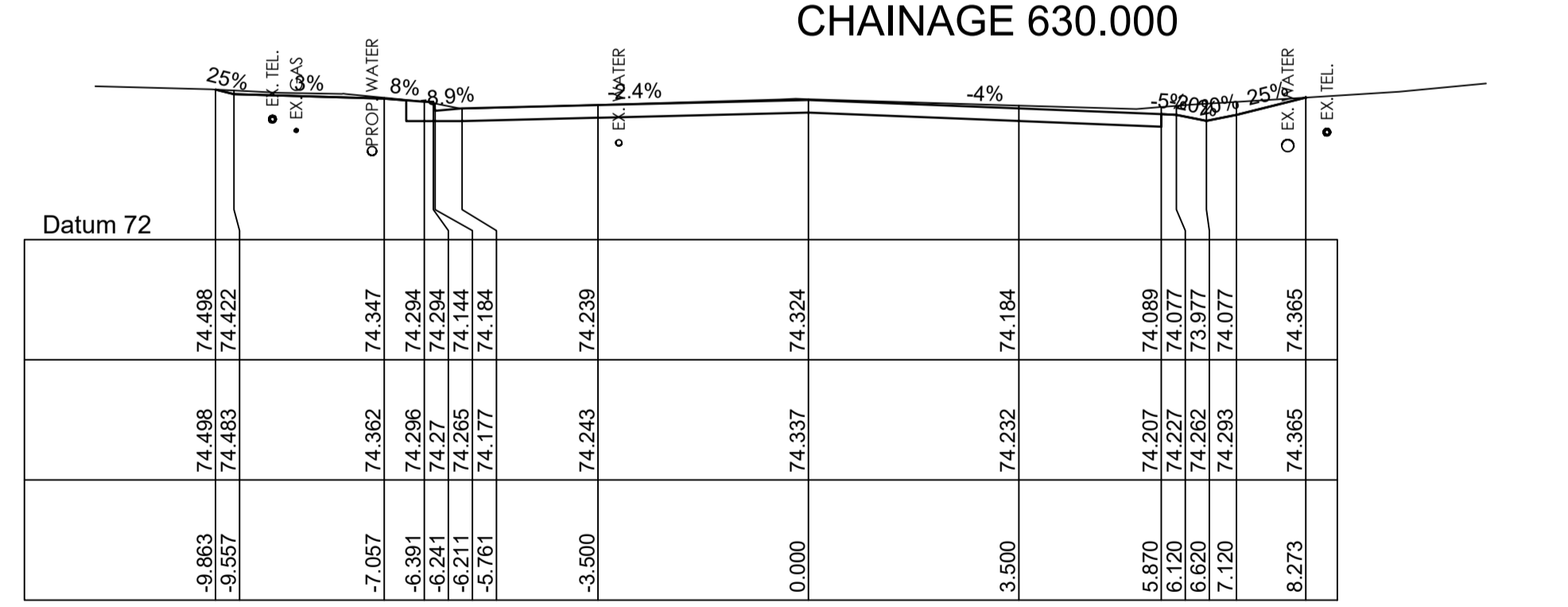
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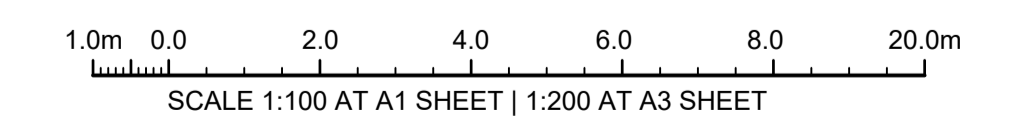
CHAINAGE 630.000



CHAINAGE 570.000



CHAINAGE 615.000



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGP

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS RESOLVED SIMPLY

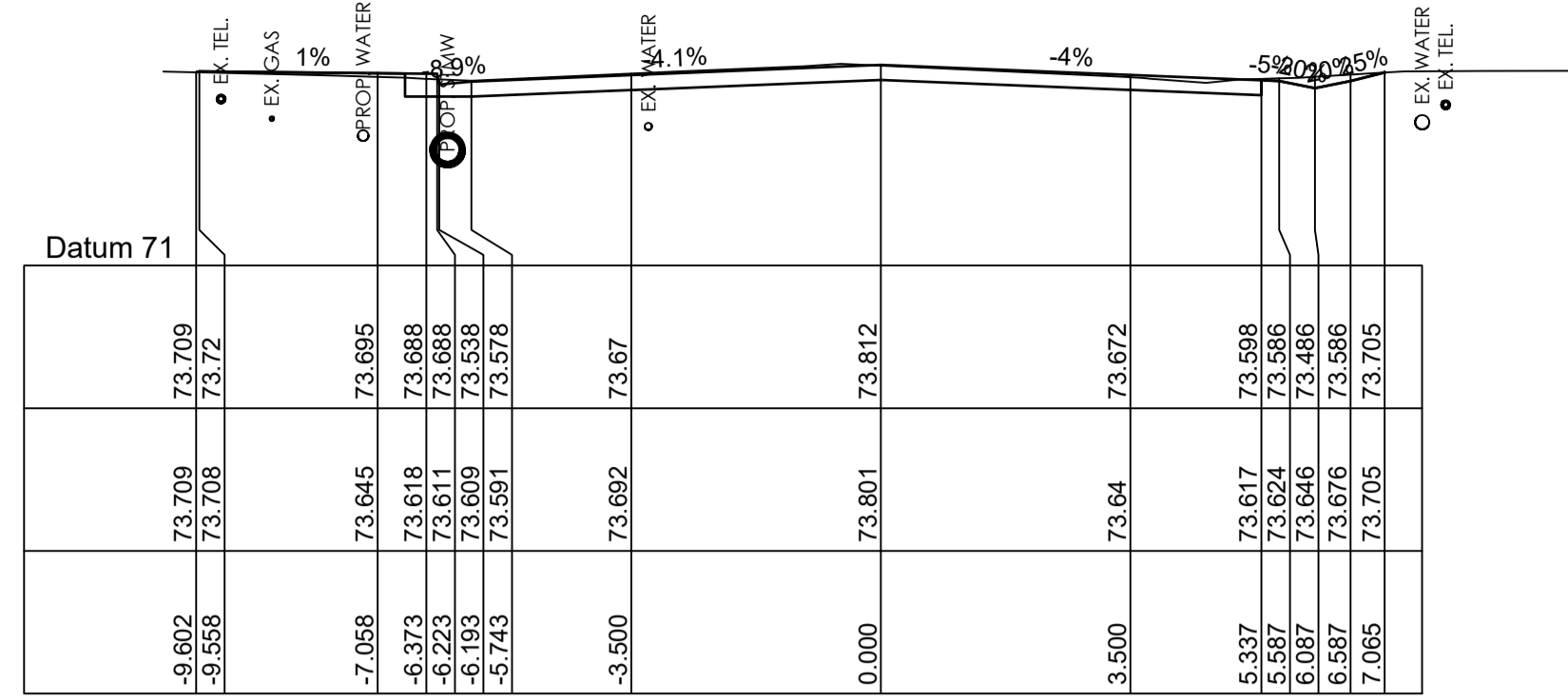
1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

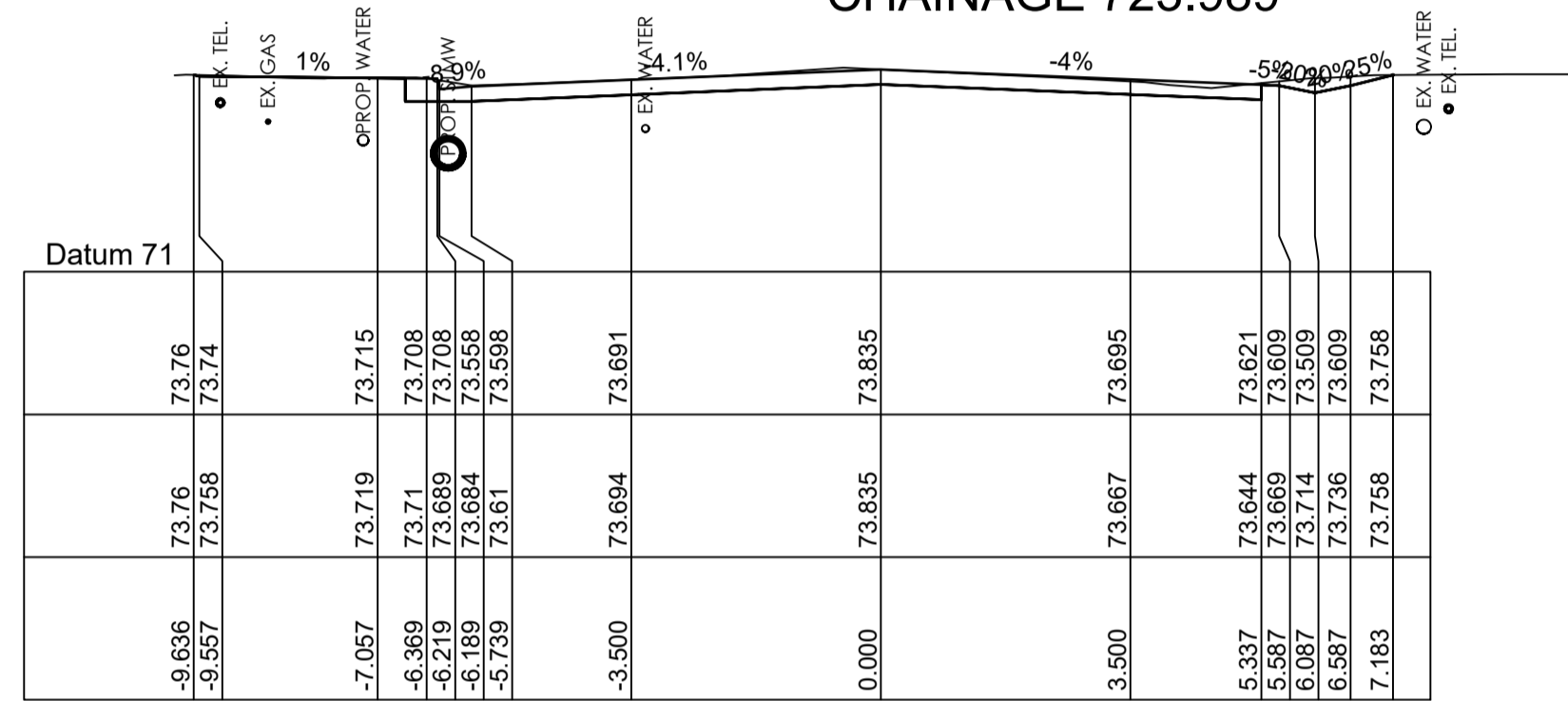
DRAWING TITLE
MOUNT VIEW ROAD CROSS SECTIONS SHEET 8 OF 13

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-308** ISSUE **01**

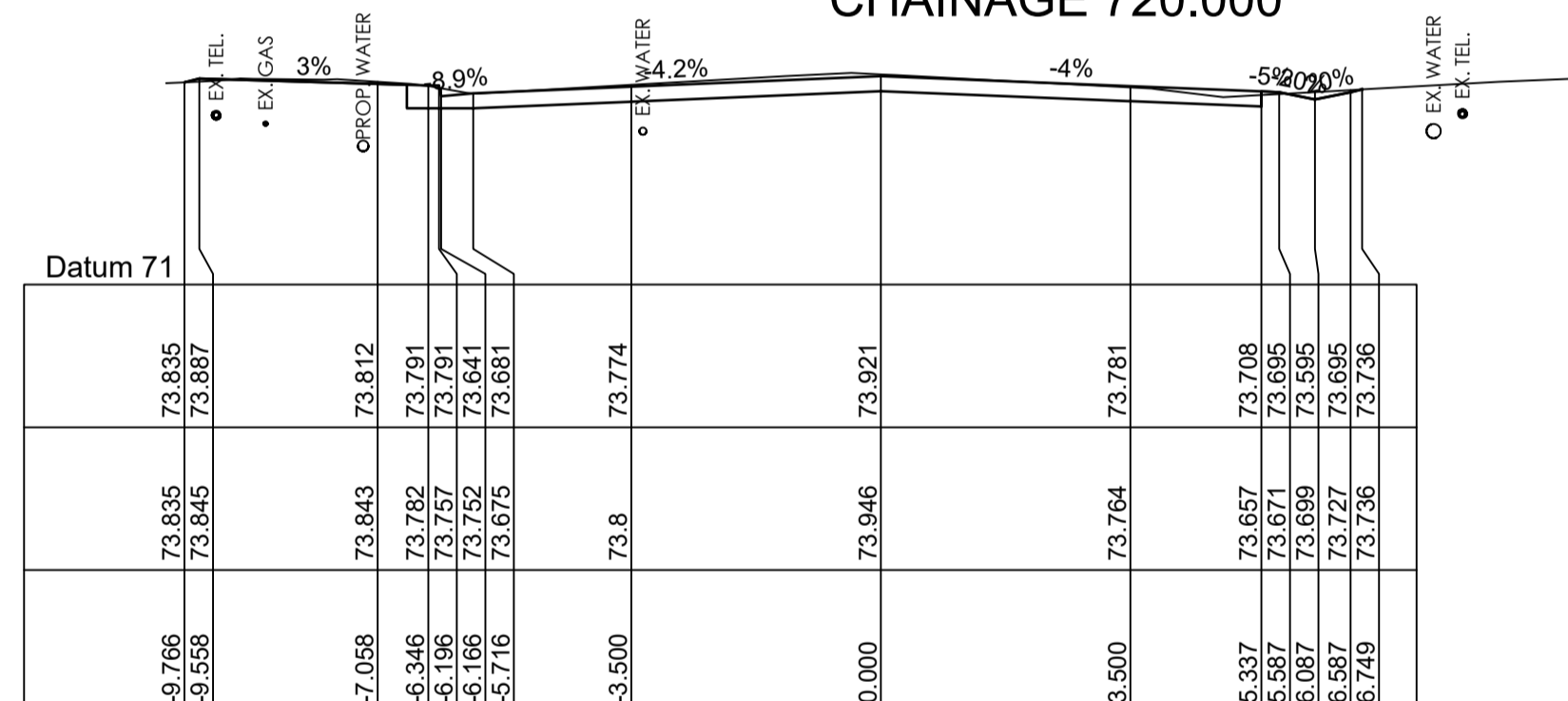
ROAD PAVEMENT:
 REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS. SELECT LAYER IS EXCLUDED IN BOXOUT.



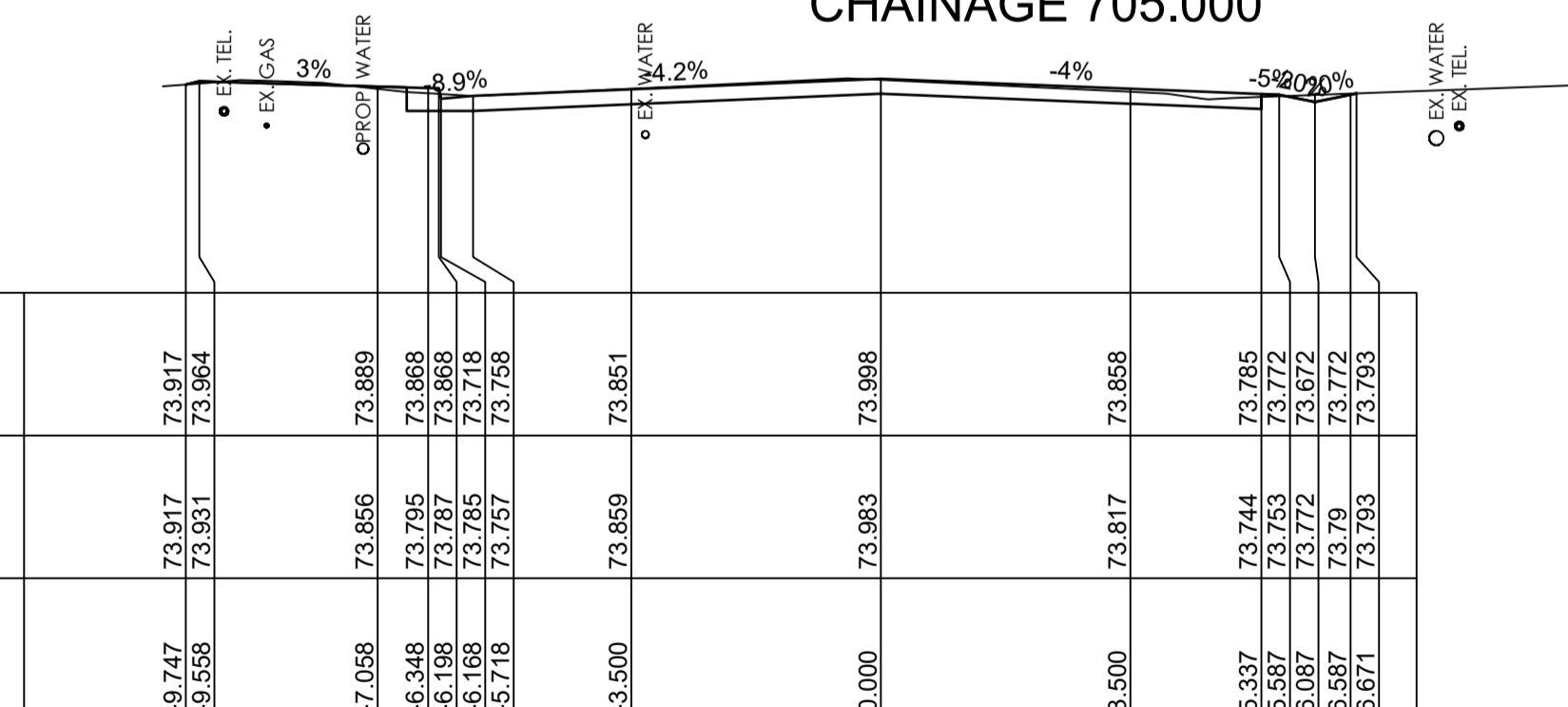
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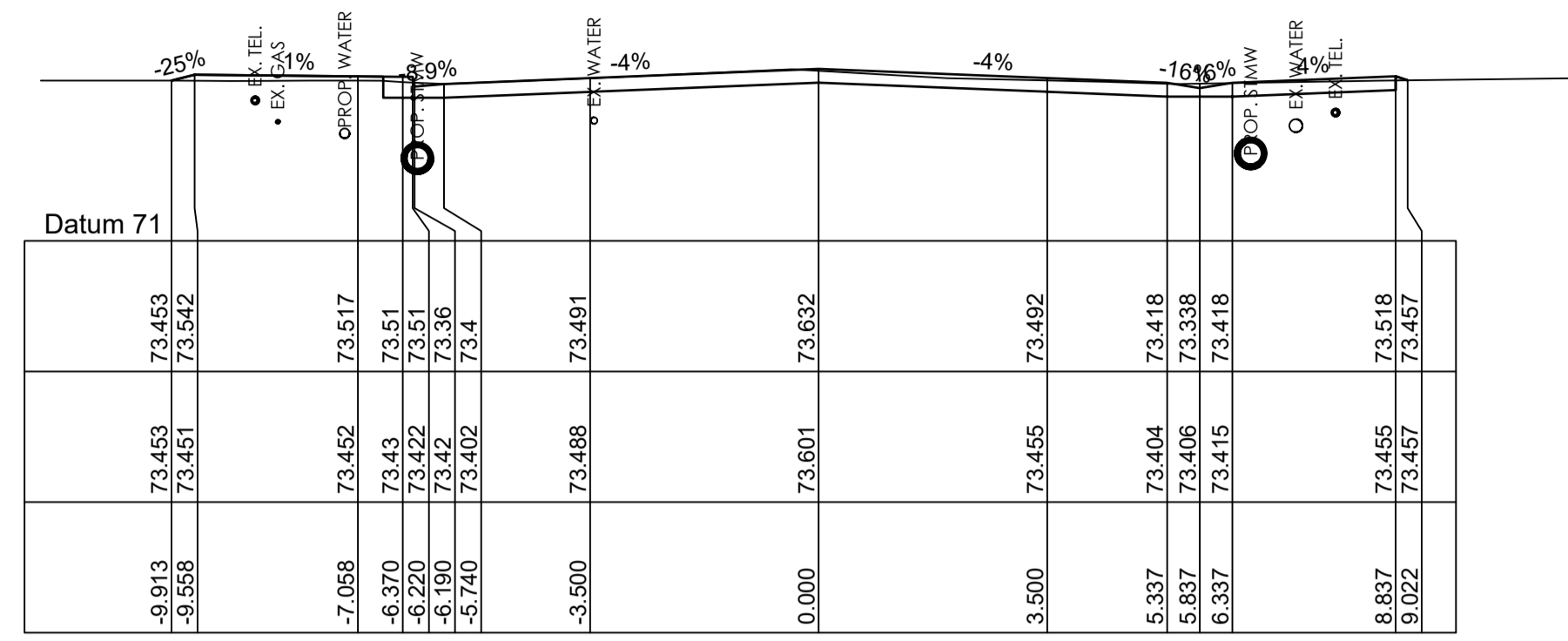
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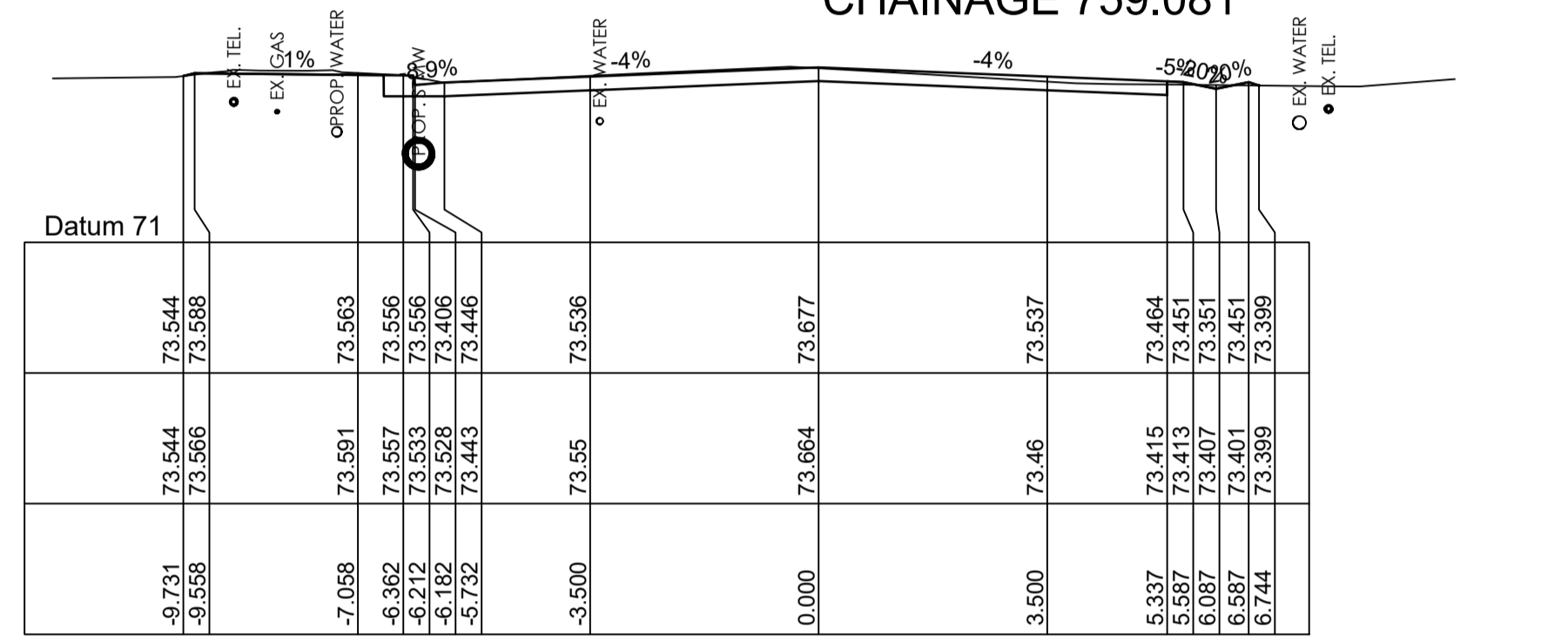
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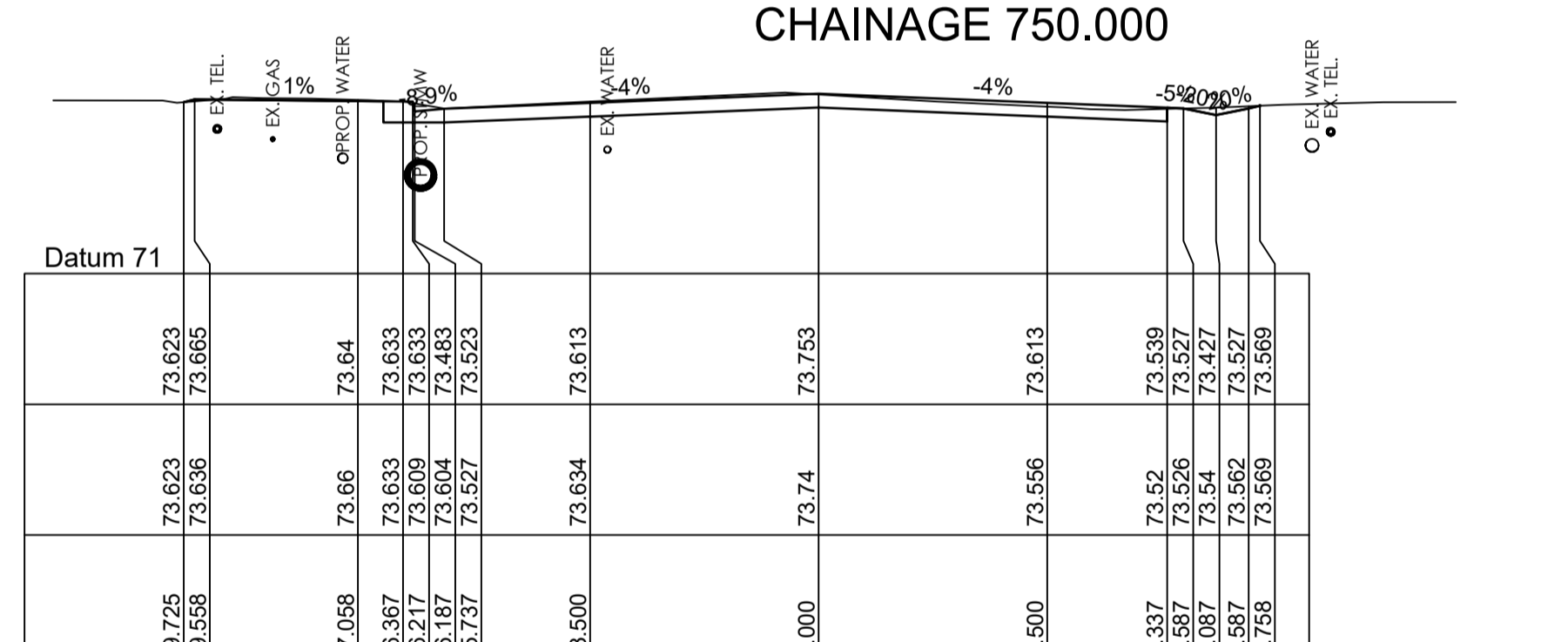
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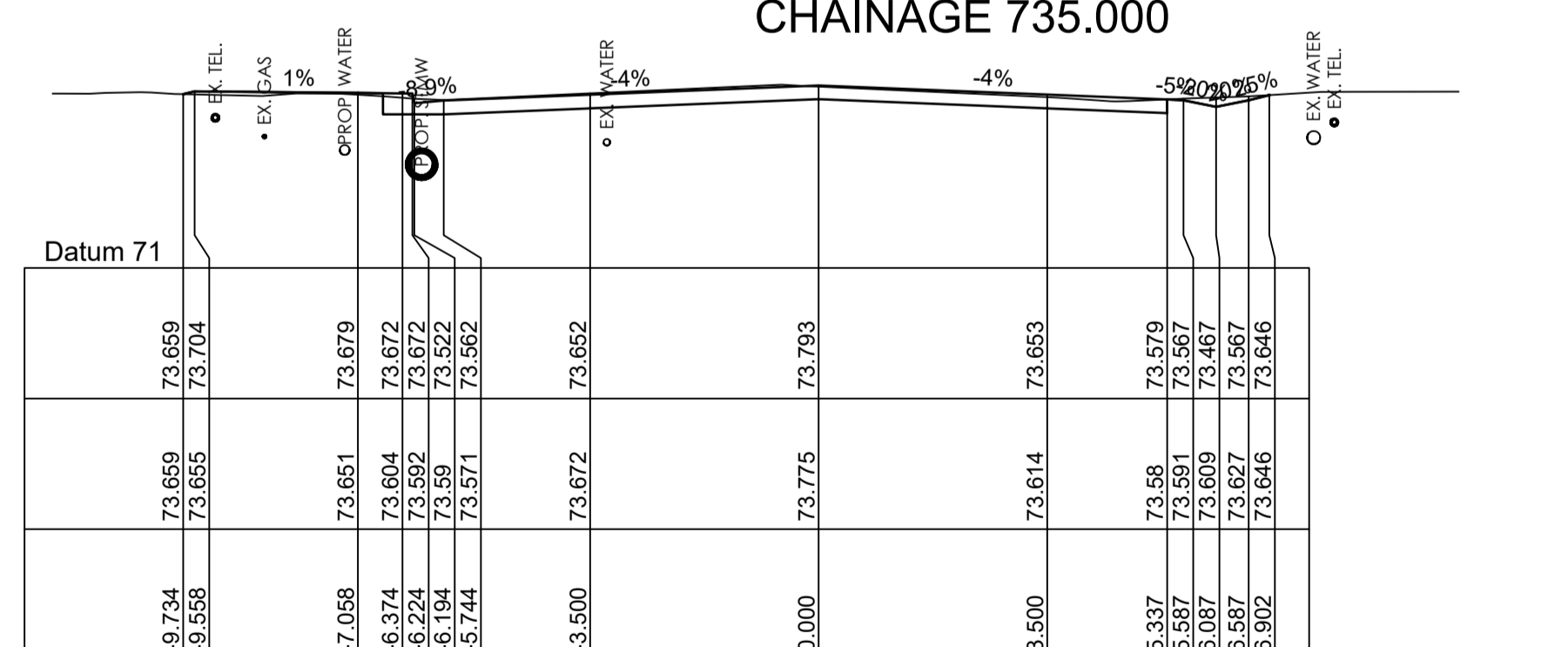
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CHAINAGE 750.000



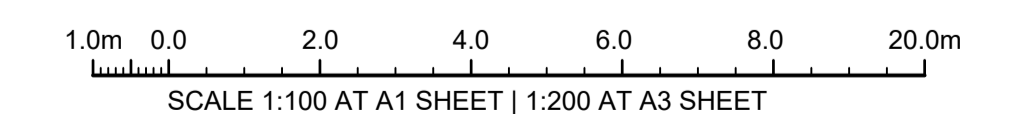
CHAINAGE 735.000



CHAINAGE 727.296

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| -6.198 | 73.787 | 73.868 |
| -4.188 | 73.765 | 73.718 |
| -5.718 | 73.757 | 73.758 |
| -3.500 | 73.859 | 73.851 |
| 0.000 | 73.983 | 73.998 |
| 3.500 | 73.817 | 73.858 |
| 5.937 | 73.744 | 73.795 |
| 5.937 | 73.745 | 73.795 |
| 6.087 | 73.772 | 73.672 |
| 6.587 | 73.79 | 73.772 |
| 6.871 | 73.793 | 73.793 |

CHAINAGE 691.625



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LG

Public Works
 Department of Regional NSW
 NSW GOVERNMENT
 CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

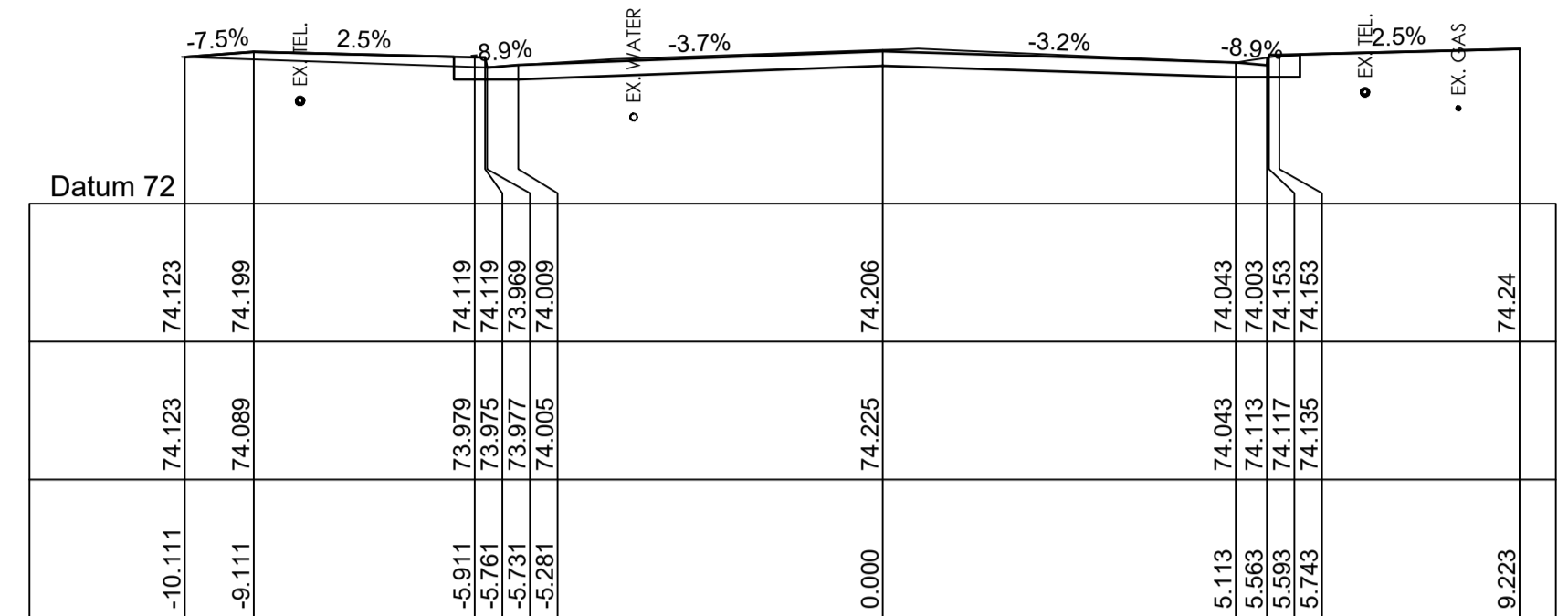
TRIAxIAL CONSULTING
 COMPLEX PROBLEMS
 RESOLVED SIMPLY

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 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

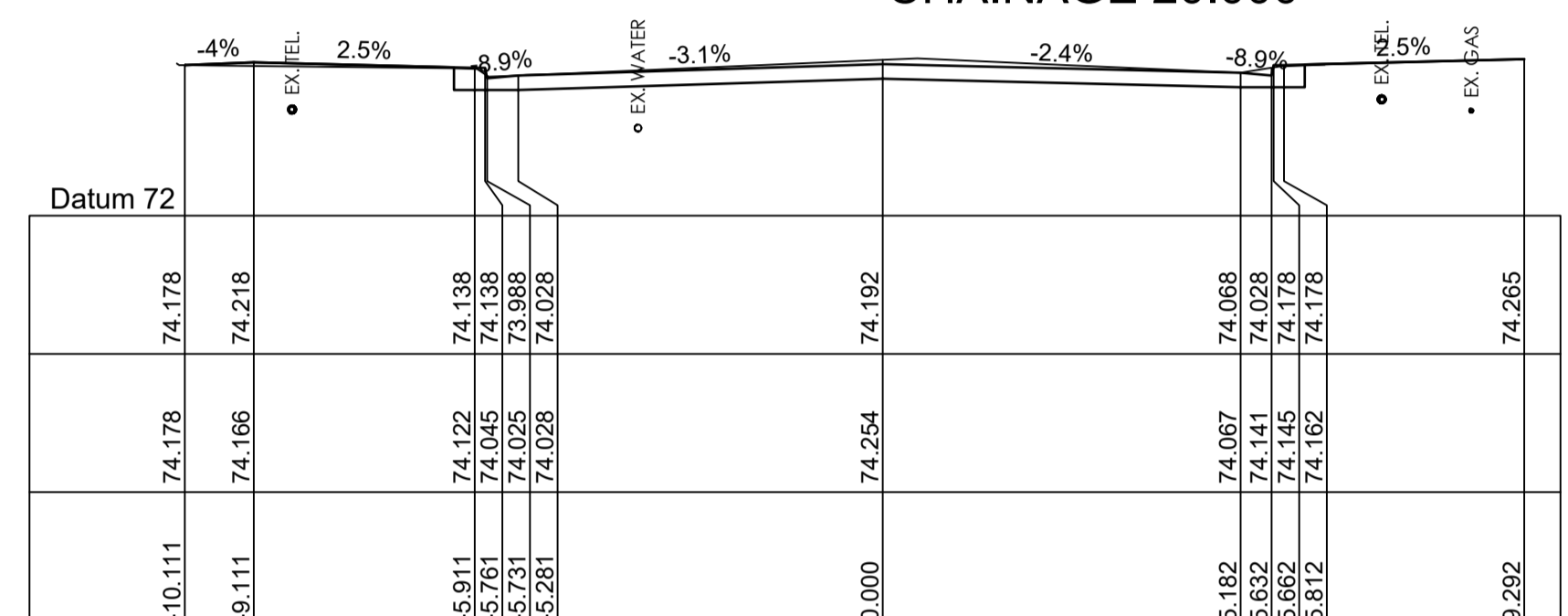
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MOUNT VIEW ROAD CROSS SECTIONS SHEET 10 OF 13

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-310** ISSUE **01**

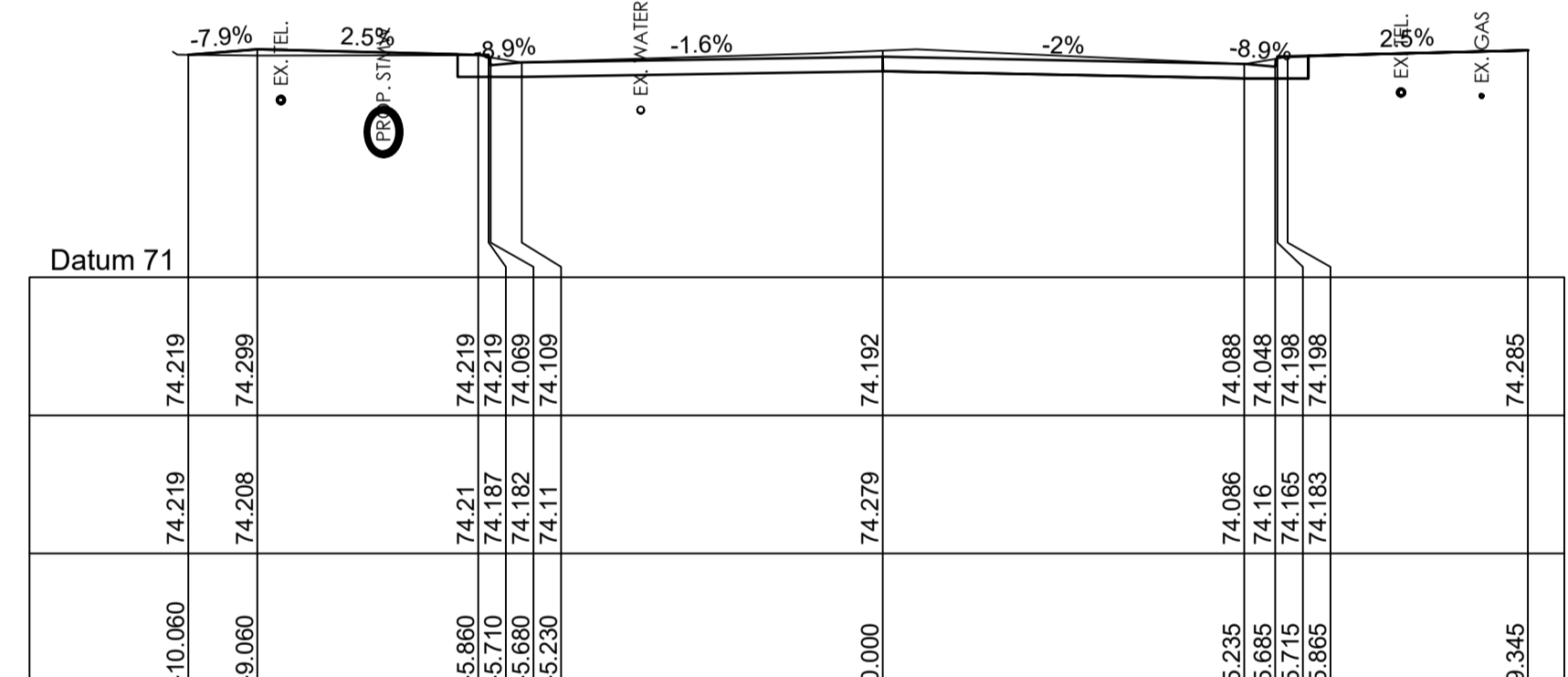
ROAD PAVEMENT:
 THE NEW ROAD PAVEMENT BOXOUT HAS NOT BEEN MODELLED AT THE TENDER STAGE DRAWINGS. REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS.



CHAINAGE 20.000



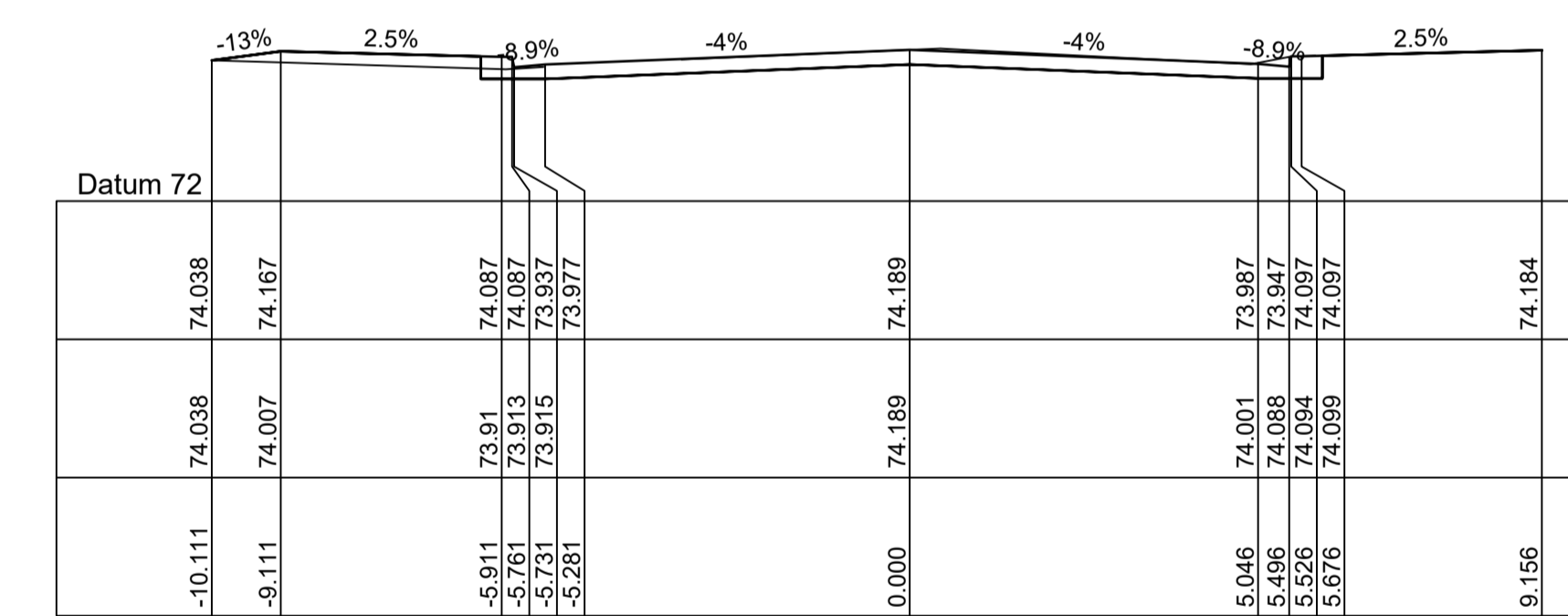
CHAINAGE 15.000



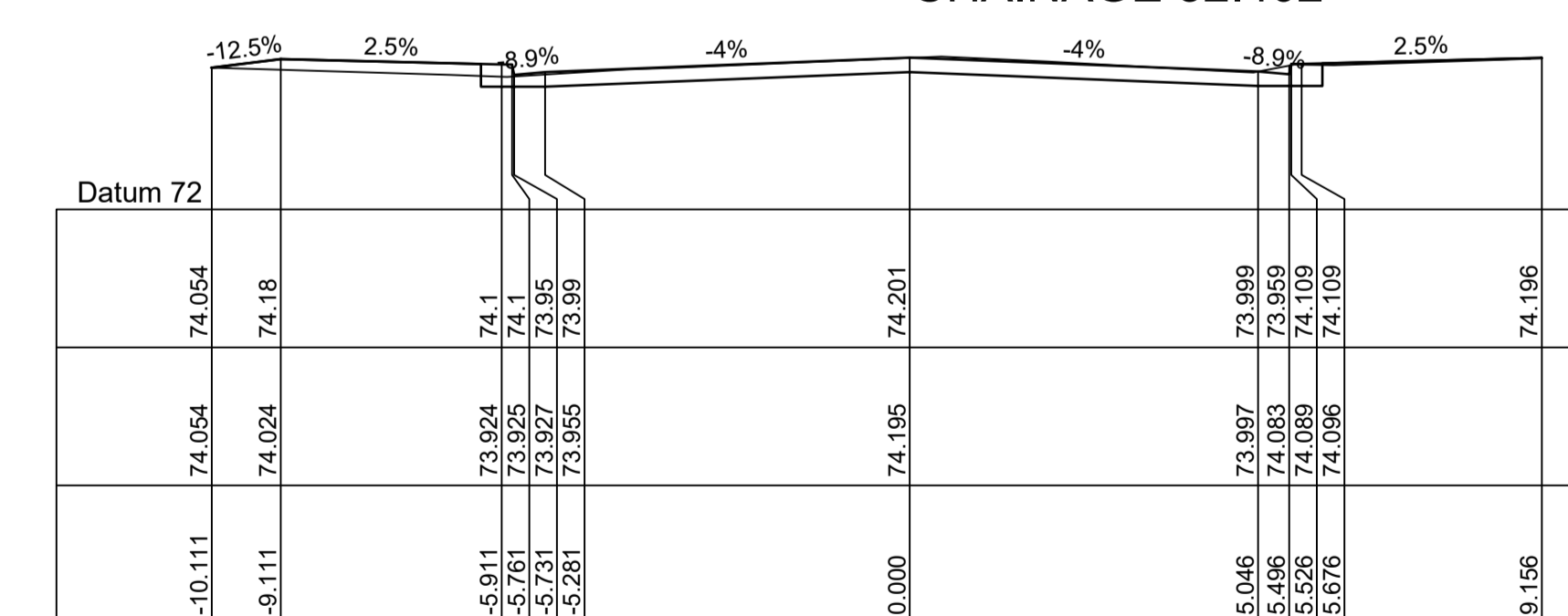
CHAINAGE 11.157

| | | | |
|----------|--------|--------|--------|
| Datum 72 | 74.193 | 74.09 | 74.287 |
| DESIGN | | 74.05 | 74.287 |
| NATURAL | 74.282 | 74.183 | 74.287 |
| OFFSET | 0.000 | 5.442 | 9.352 |
| | | 5.692 | |
| | | 5.722 | |
| | | 74.183 | |
| | | 74.2 | |

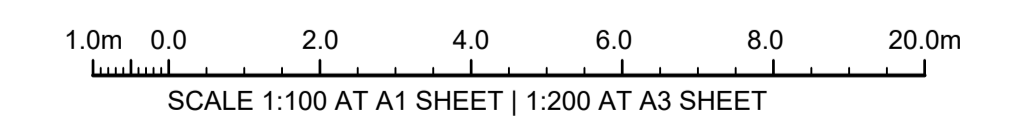
CHAINAGE 10.698



CHAINAGE 32.402



CHAINAGE 30.000



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

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Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT

MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS RESOLVED SIMPLY

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 PO BOX 3197, TUGGERAH NSW 2259

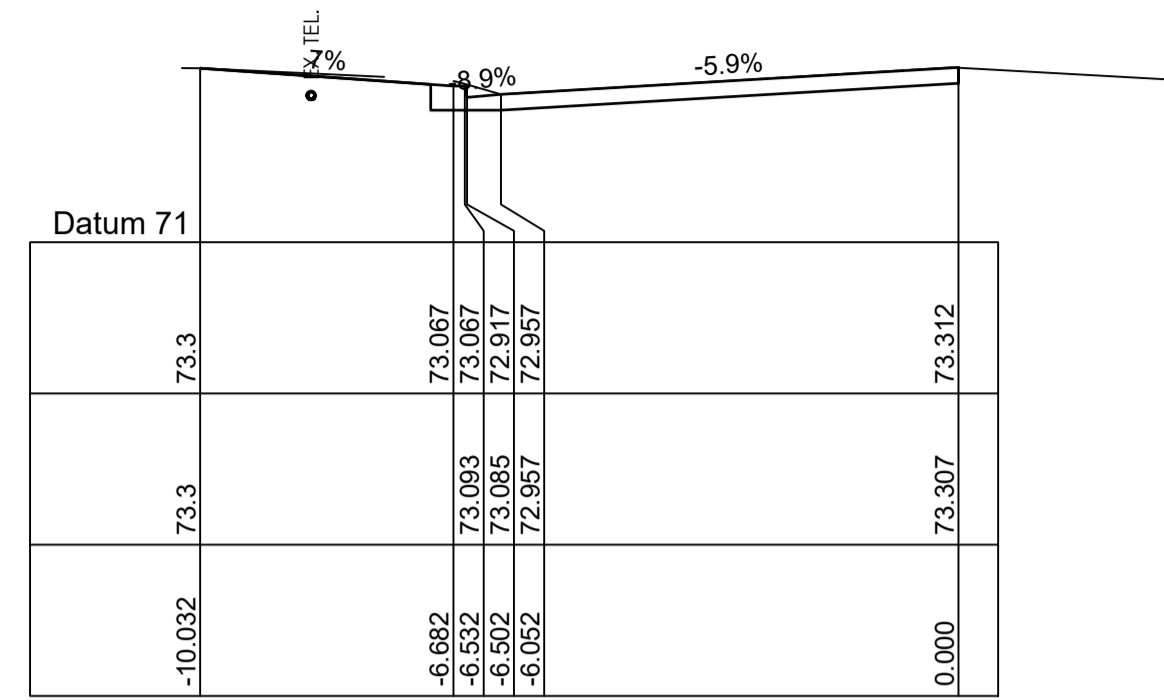
TO BE PRINTED IN COLOUR

DRAWING TITLE

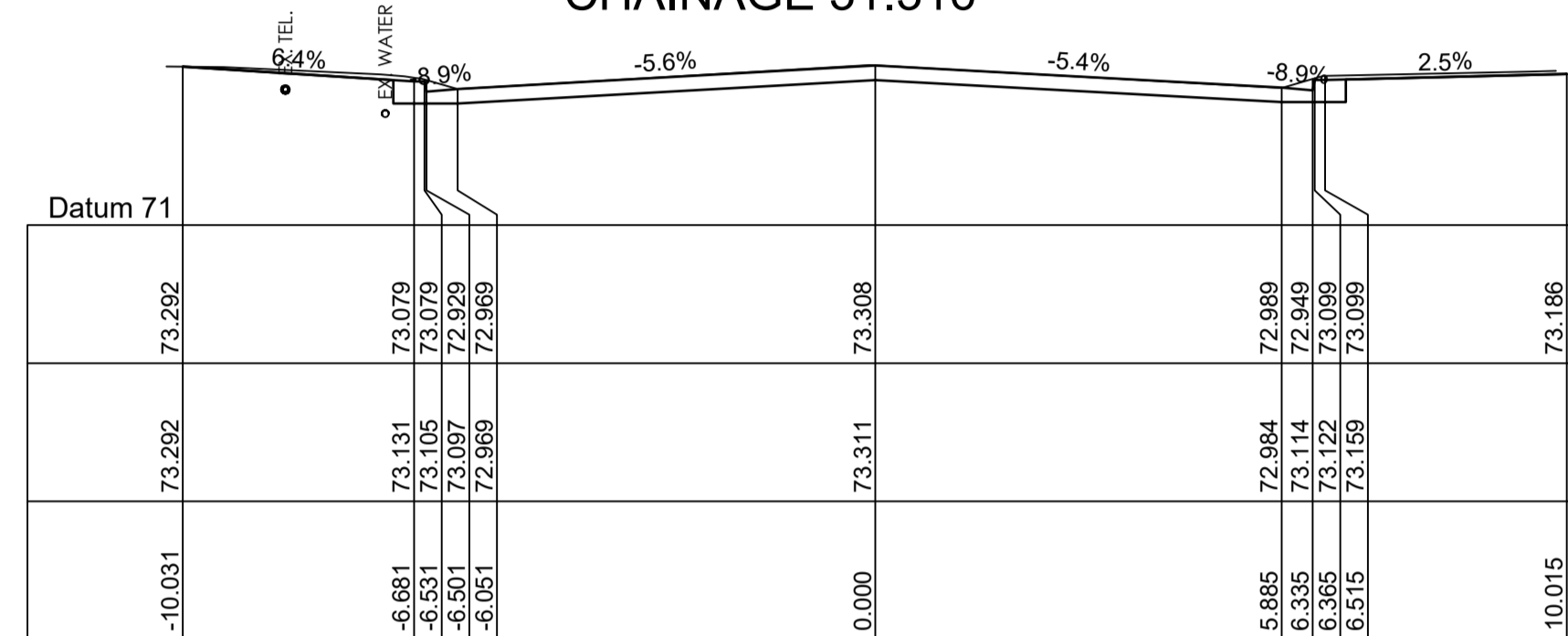
NELSON STREET ROAD CROSS SECTIONS

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-321** ISSUE **01**

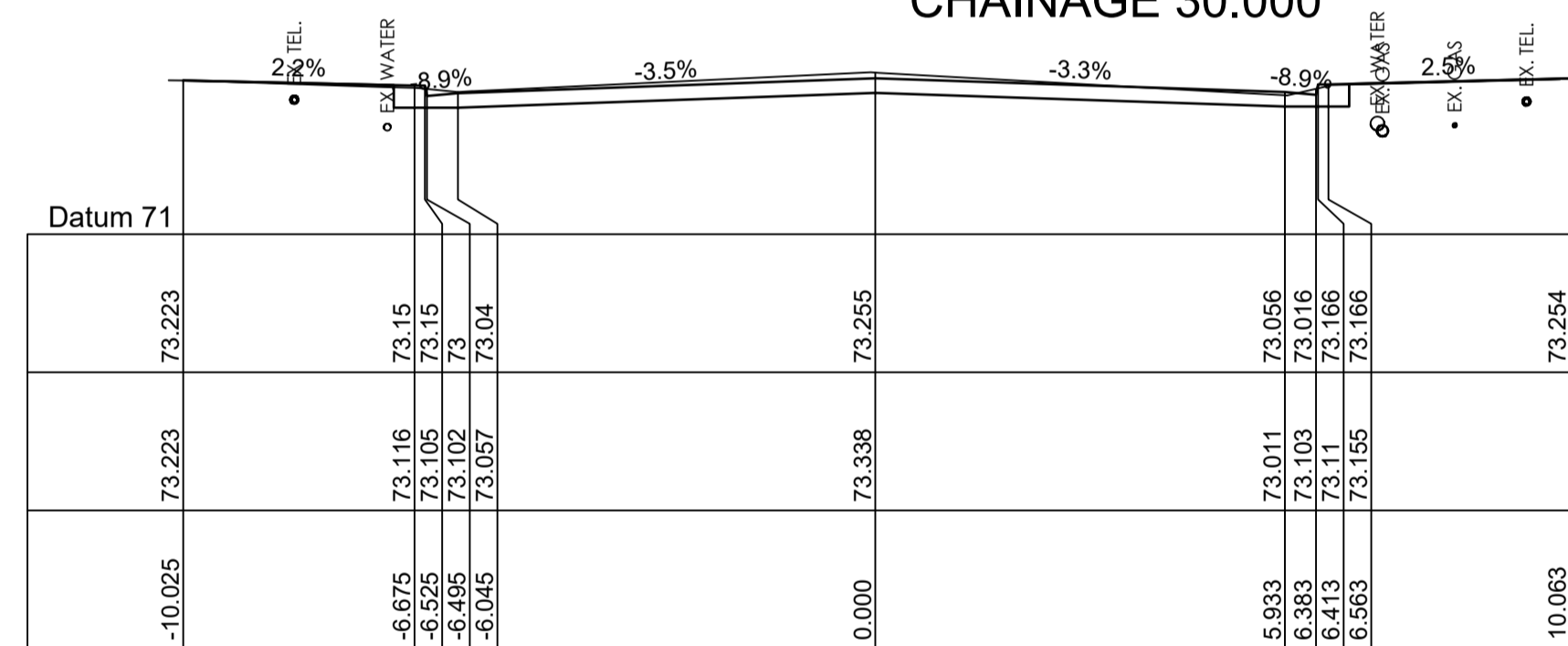
ROAD PAVEMENT:
 THE NEW ROAD PAVEMENT BOXOUT HAS NOT BEEN MODELLED AT THE TENDER STAGE DRAWINGS. REFER TO PAVEMENT PLAN ON SHEET PV-500 AND GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22 FOR PAVEMENT TYPES AND LAYER THICKNESS.



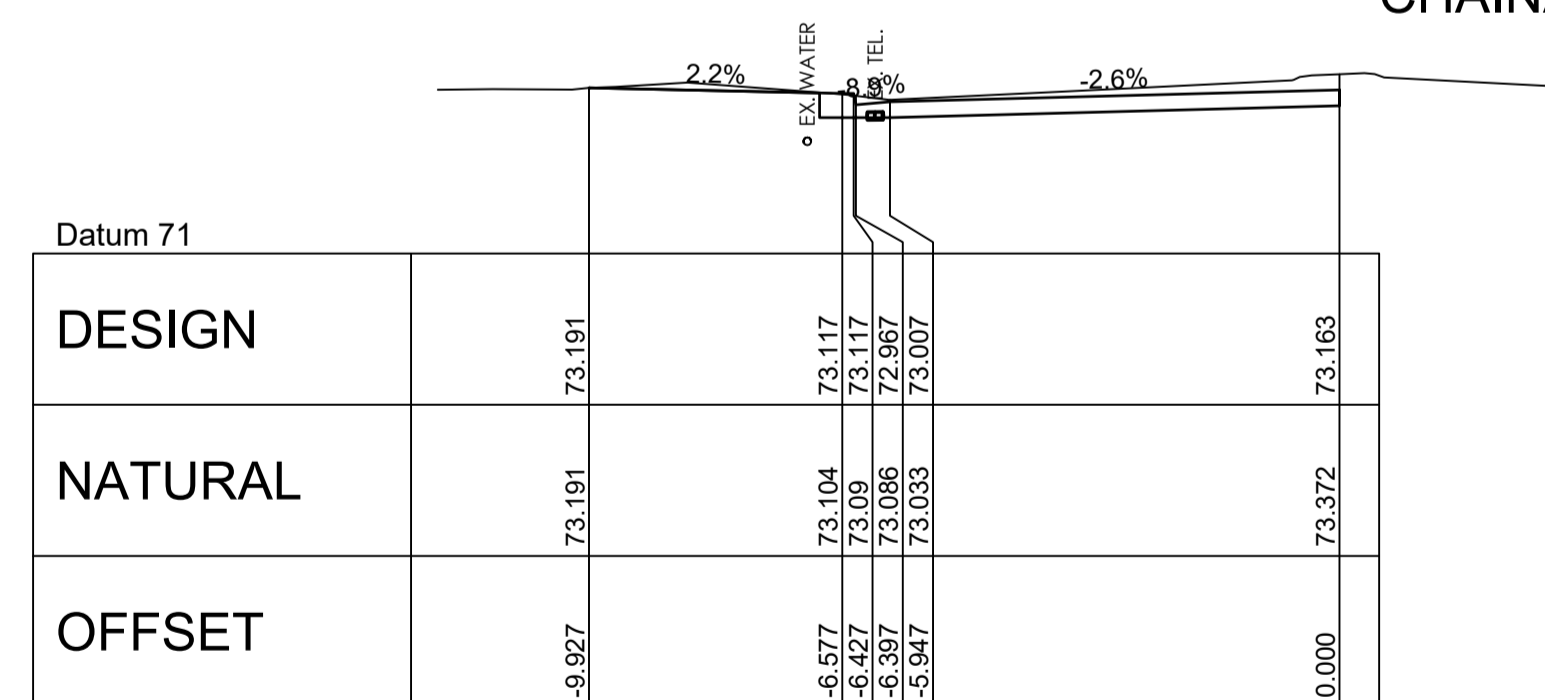
CHAINAGE 31.316



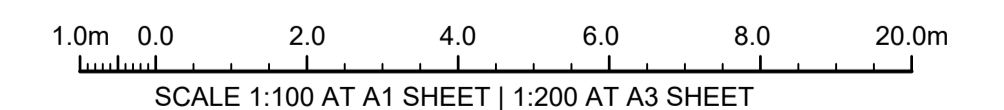
CHAINAGE 30.000



CHAINAGE 20.000



CHAINAGE 10.023



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION

NORTH POINT U.N.O.

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Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS RESOLVED SIMPLY

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 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
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TO BE PRINTED IN COLOUR

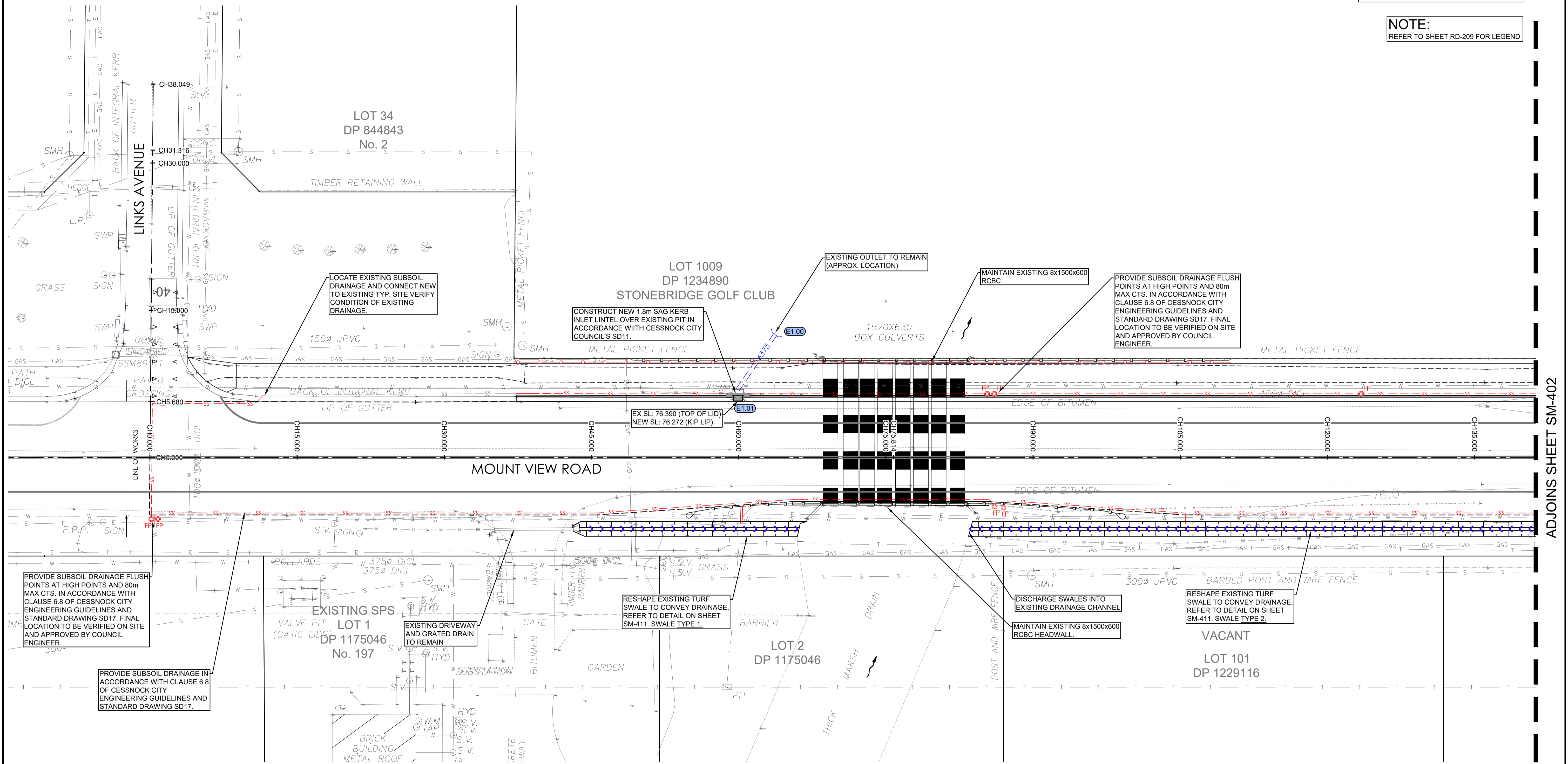
DRAWING TITLE
BARRETT AVENUE ROAD CROSS SECTIONS

PROJECT No. **TX16685.00** CODE / SHEET No. **RC-323** ISSUE **01**

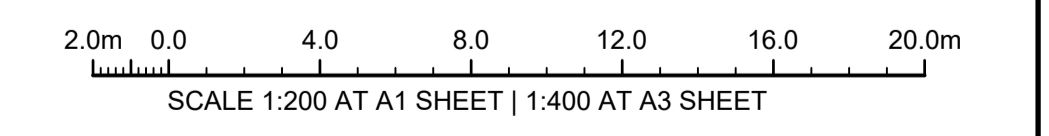
- EXISTING STORMWATER KERB OUTLETS:**
- 1. ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
 - 2. APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND

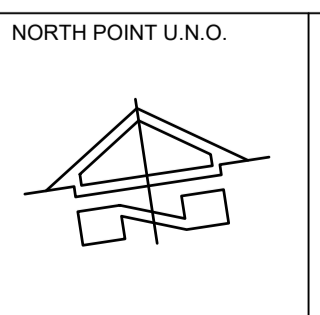


ADJOINS SHEET SM-402



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

| | | | | |
|----------|-------|--------|------|-------------|
| DESIGNED | DRAWN | DATE | SIZE | CAD REF |
| BW | CW | DEC 22 | A1 | TX16685.00- |

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COMPLEX PROBLEMS
RESOLVED SIMPLY

TO BE PRINTED IN COLOUR

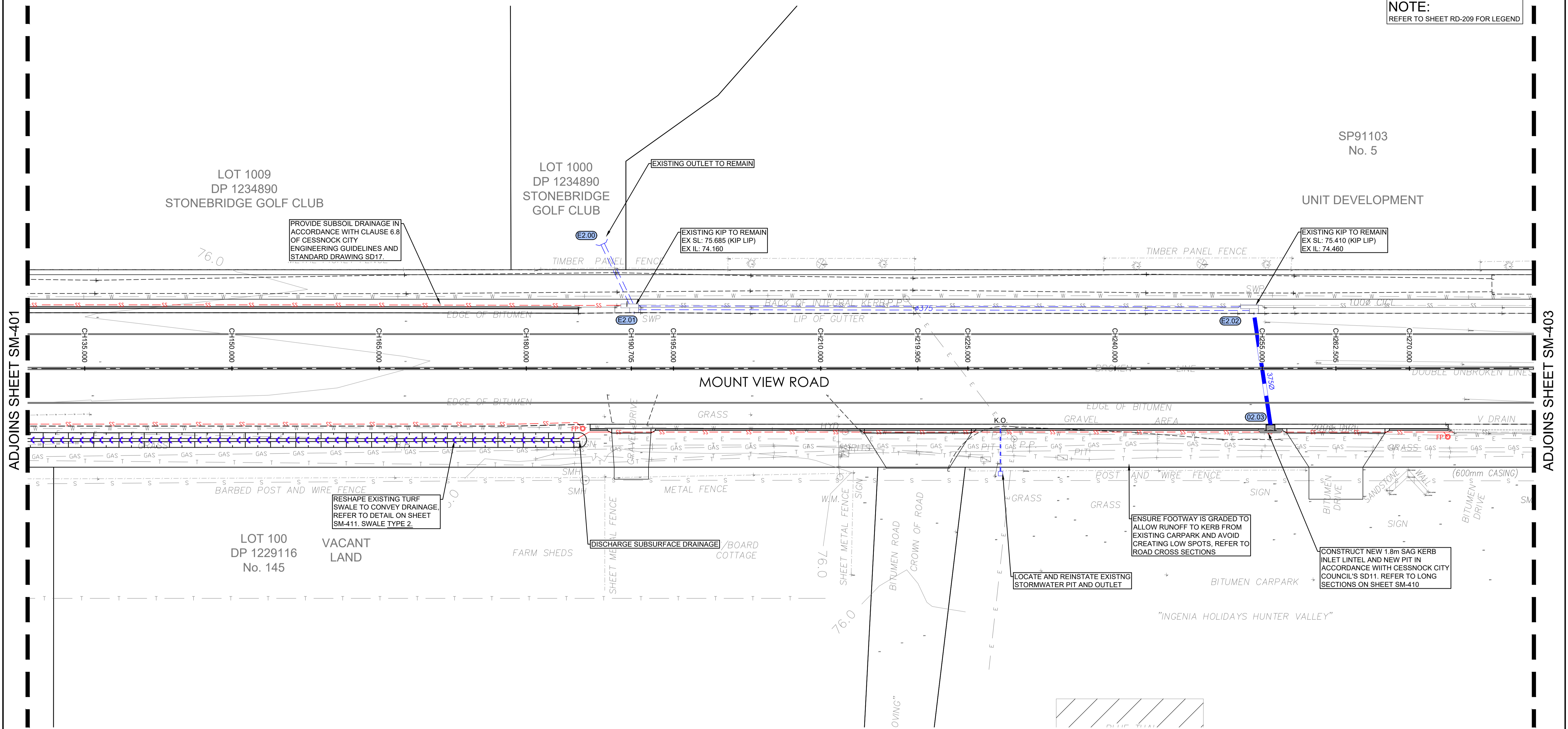
DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 1 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-401** ISSUE **01**

- EXISTING STORMWATER KERB OUTLETS:**
- 1. ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
 - 2. APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND

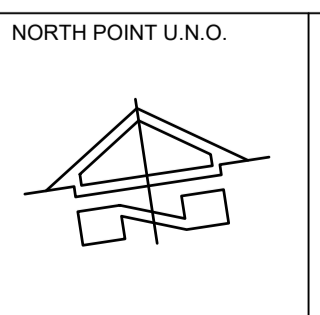


ADJOINS SHEET SM-401

ADJOINS SHEET SM-403

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-

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DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 2 OF 7

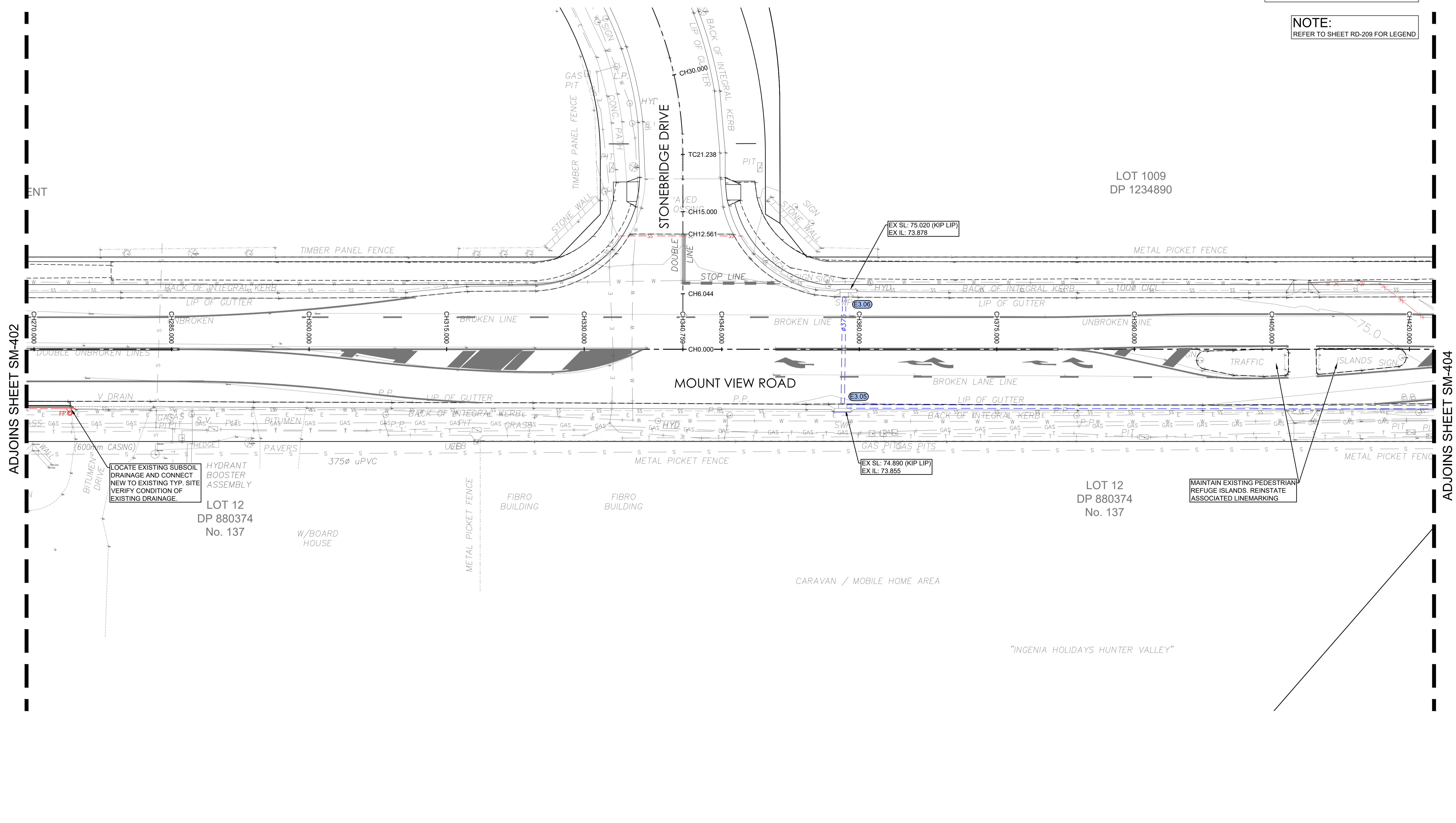
PROJECT No. **TX16685.00** CODE / SHEET No. **SM-402** ISSUE **01**

EXISTING STORMWATER KERB OUTLETS:

- ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
- APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

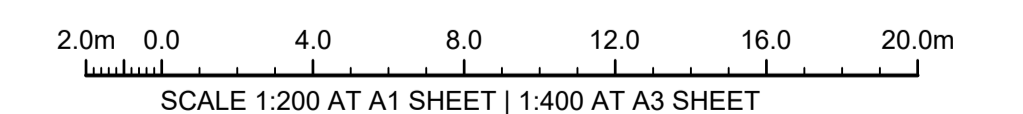
NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND



ADJOINS SHEET SM-402

ADJOINS SHEET SM-404



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

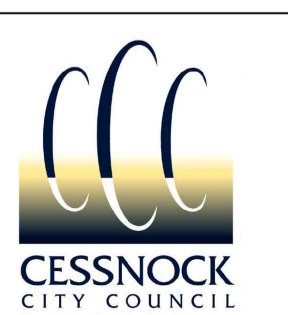
FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



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TO BE PRINTED IN COLOUR

DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 3 OF 7

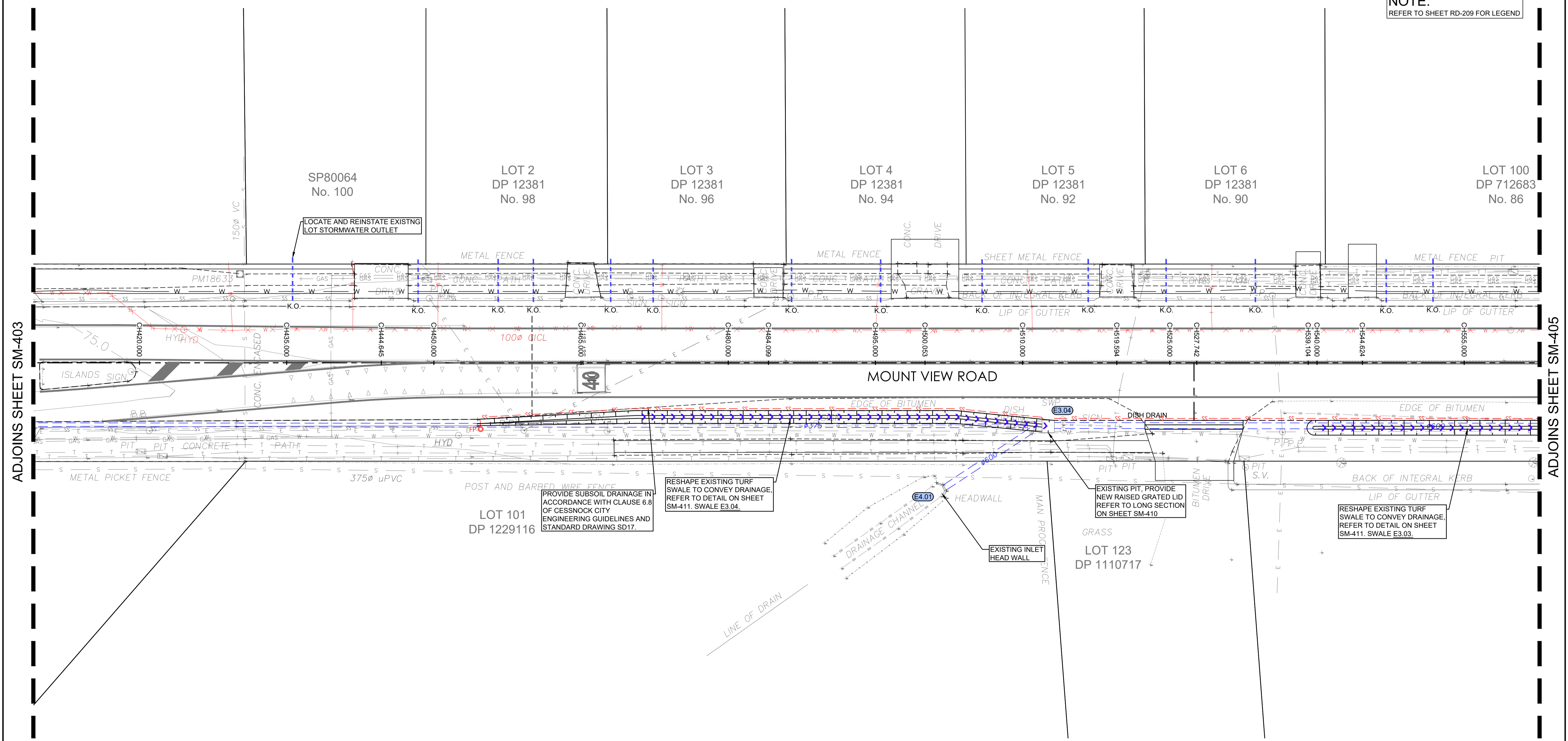
PROJECT No. **TX16685.00** CODE / SHEET No. **SM-403** ISSUE **01**

EXISTING STORMWATER KERB OUTLETS:

- 1. ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
- 2. APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

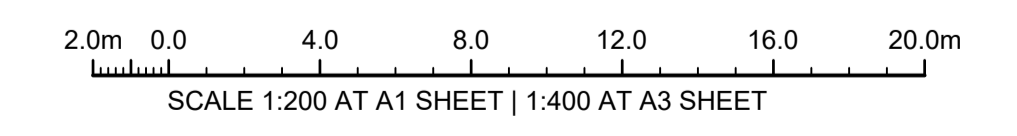
NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND



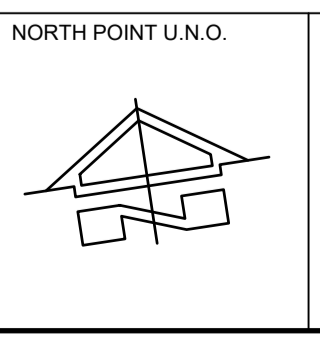
ADJOINS SHEET SM-403

ADJOINS SHEET SM-405



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-



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 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 4 OF 7

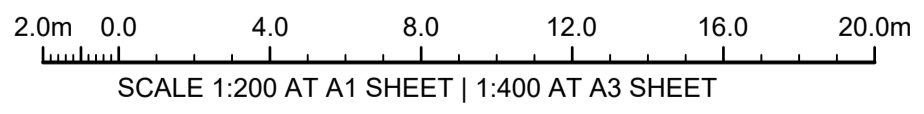
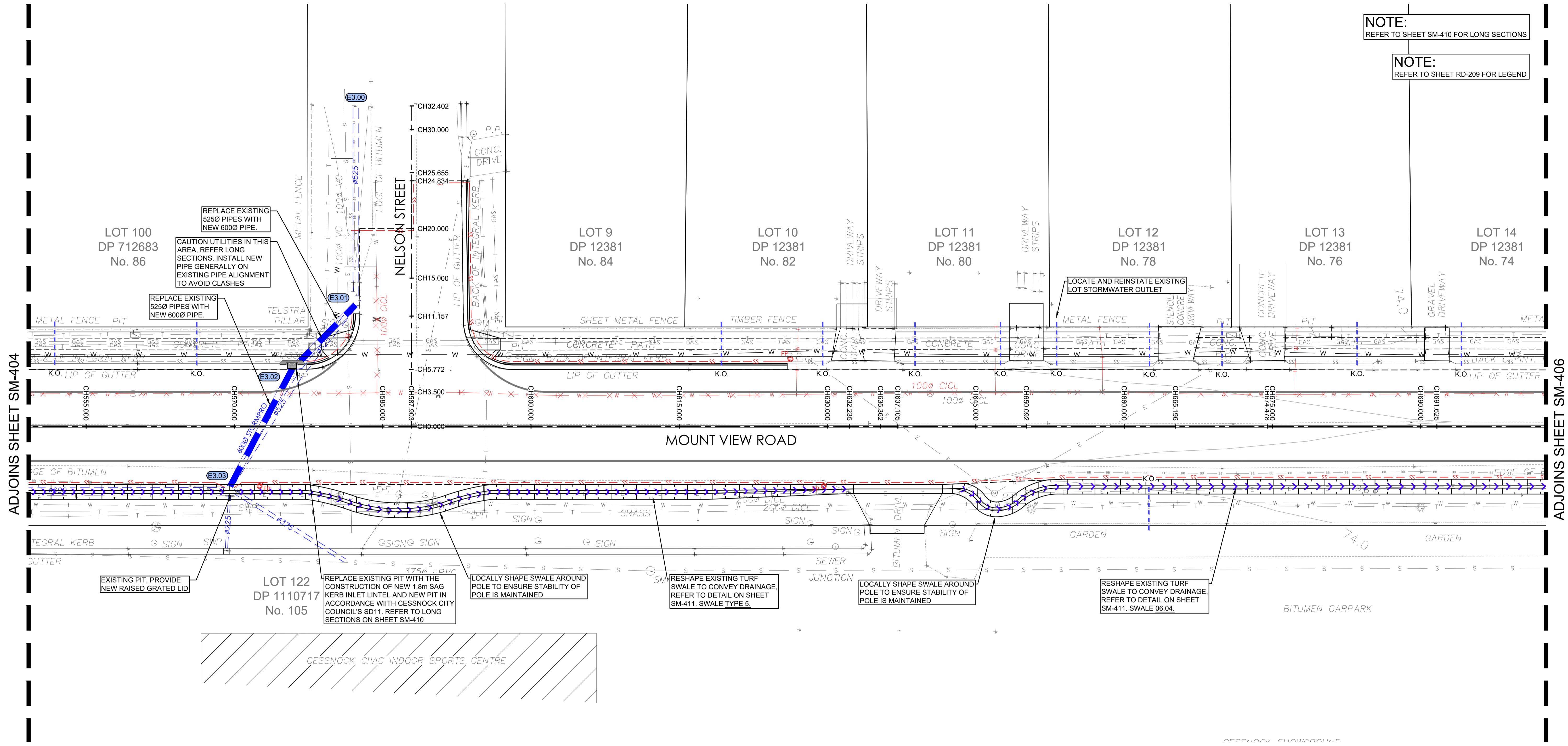
PROJECT No. **TX16685.00** CODE / SHEET No. **SM-404** ISSUE **01**

EXISTING STORMWATER KERB OUTLETS:

- ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
- APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

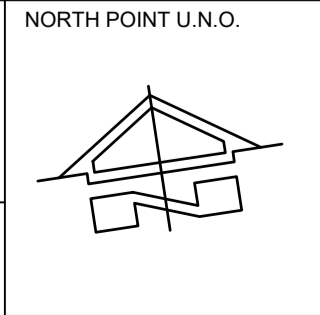
NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
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FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-

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 PO BOX 3197, TUGGERAH NSW 2259

COMPLEX PROBLEMS
 RESOLVED SIMPLY

TO BE PRINTED IN COLOUR

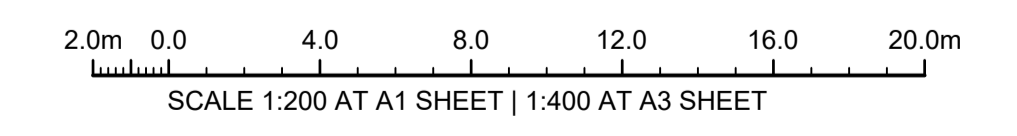
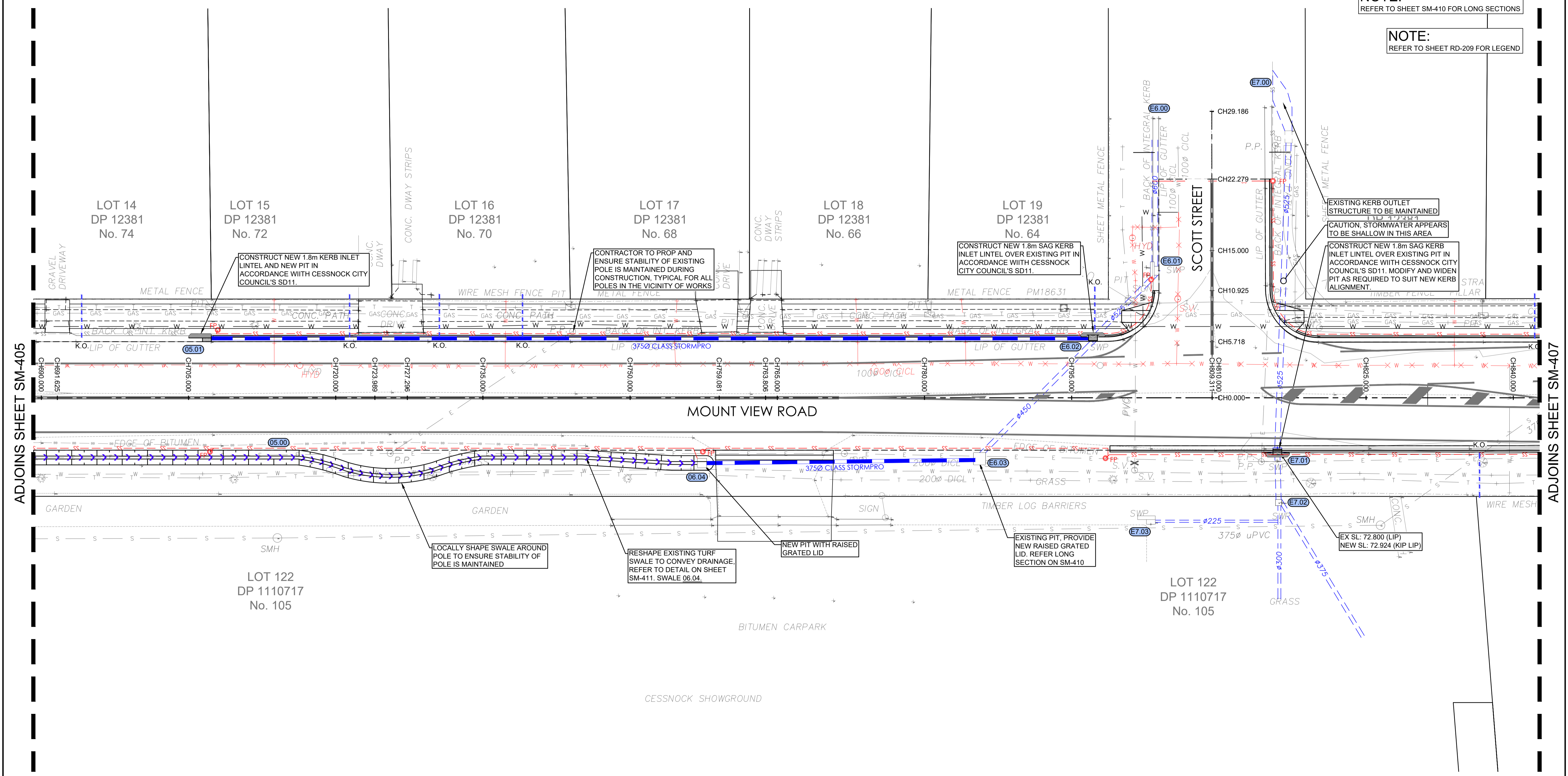
DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 5 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-405** ISSUE **01**

- EXISTING STORMWATER KERB OUTLETS:**
- ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
 - APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

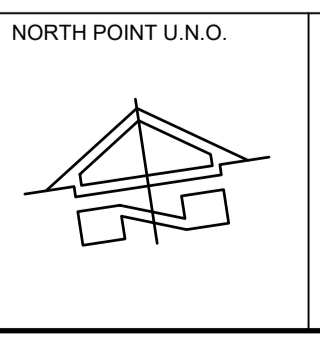
NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

NOTE:
REFER TO SHEET RD-209 FOR LEGEND



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS RESOLVED SIMPLY

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DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 6 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-406** ISSUE **01**

SUB-SURFACE DRAINAGE (SUBSOIL)

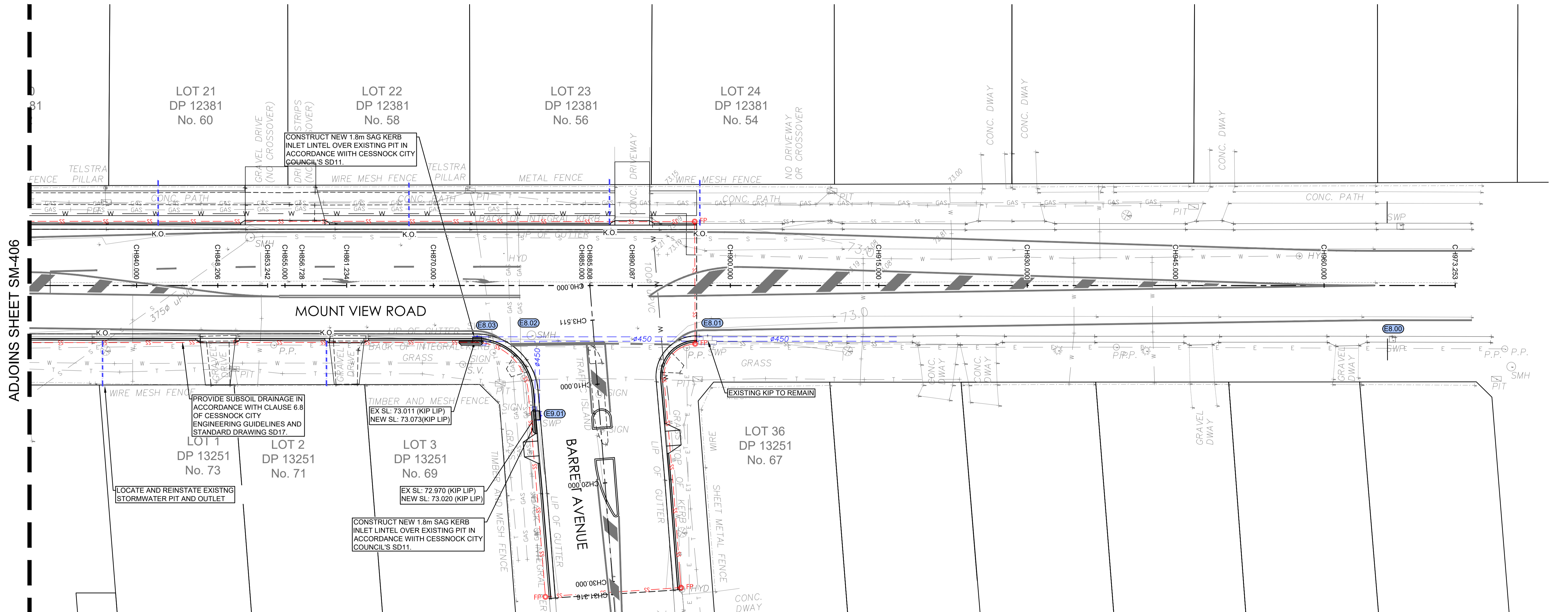
- PROPOSED** 1. PROPOSED SUBSOIL DRAINAGE TO BE INSTALLED IN ACCORDANCE WITH CESSNOCK COUNCILS ENGINEERING GUIDELINES, CCC STANDARD DRAWING S.D17 AND GEOTECH ENGINEERS RECOMMENDATIONS. DISCHARGE AT ADJACENT SWALES AND PITS AS REQUIRED TYP.
- EXISTING**

EXISTING STORMWATER KERB OUTLETS:

1. ALL EXISTING STORMWATER KERB OUTLETS TO BE REINSTATED WITH 90x90 RHS AND KERB ADAPTORS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL REQUIREMENTS.
2. APPROX. LOCATION SHOWN, CONTRACTOR TO ACCURATELY LOCATE ONSITE

NOTE:
REFER TO SHEET SM-410 FOR LONG SECTIONS

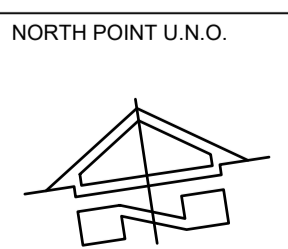
NOTE:
REFER TO SHEET RD-209 FOR LEGEND



ADJOINS SHEET SM-406

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
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NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
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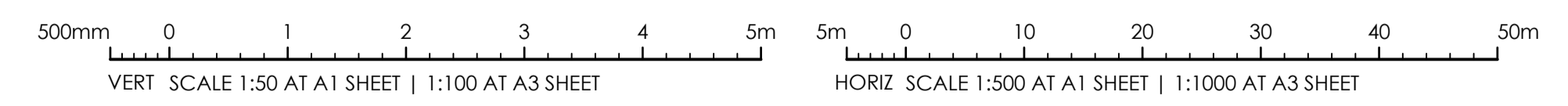
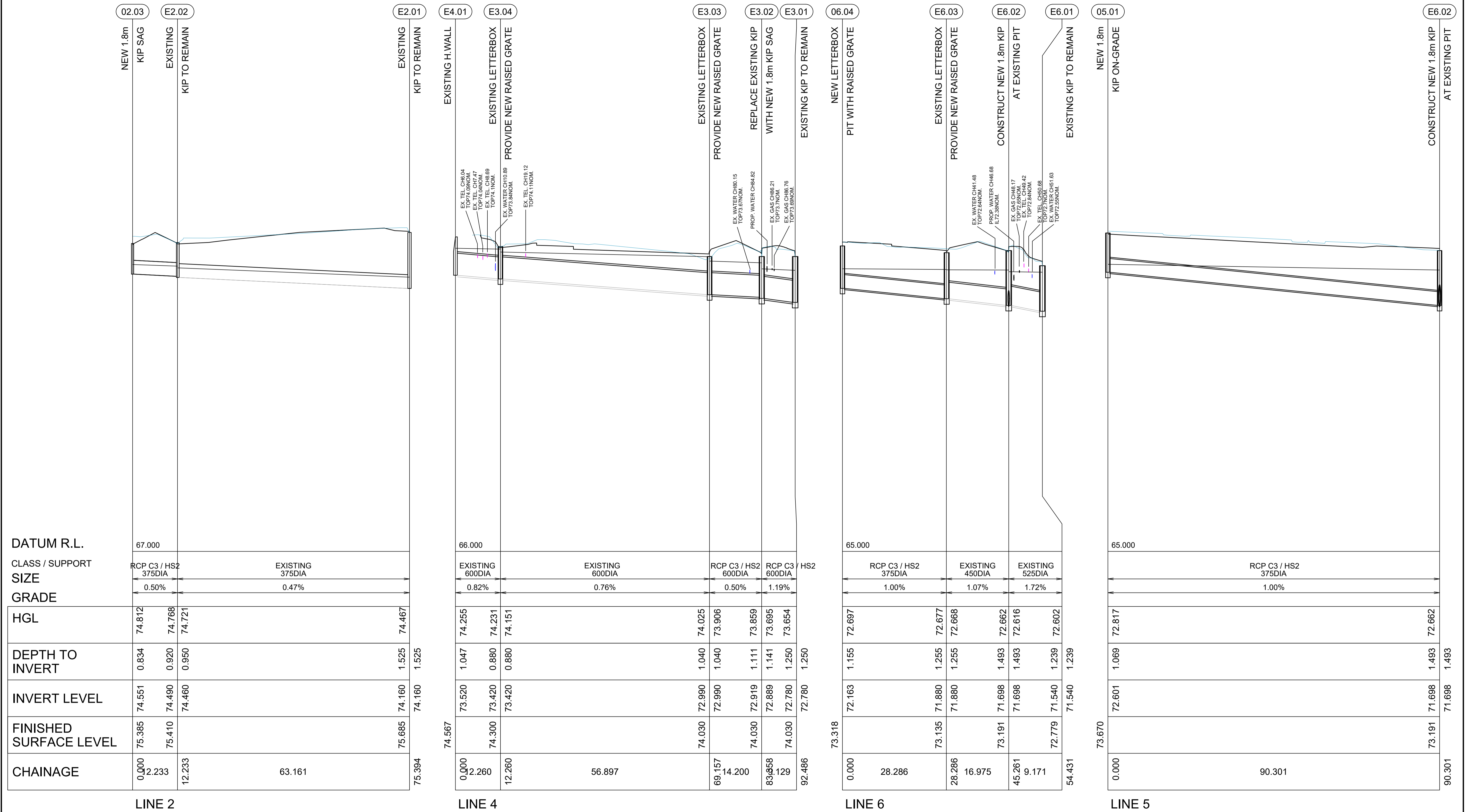
TO BE PRINTED IN COLOUR

DRAWING TITLE
STORMWATER MANAGEMENT
 PLAN SHEET 7 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-407** ISSUE **01**

PIPE CLASS

THE PIPE CLASS SPECIFIED HAS BEEN NOMINATED BY THE DESIGN CONSULTANT FOR LOADING BASED ON THE FINAL COVER. NOT IMPOSED LOADS DURING CONSTRUCTION. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE PIPES ARE NOT DAMAGED DURING CONSTRUCTION.



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION

NORTH POINT U.N.O.
 CLIENT / LGP

Public Works
 Department of Regional NSW
 CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

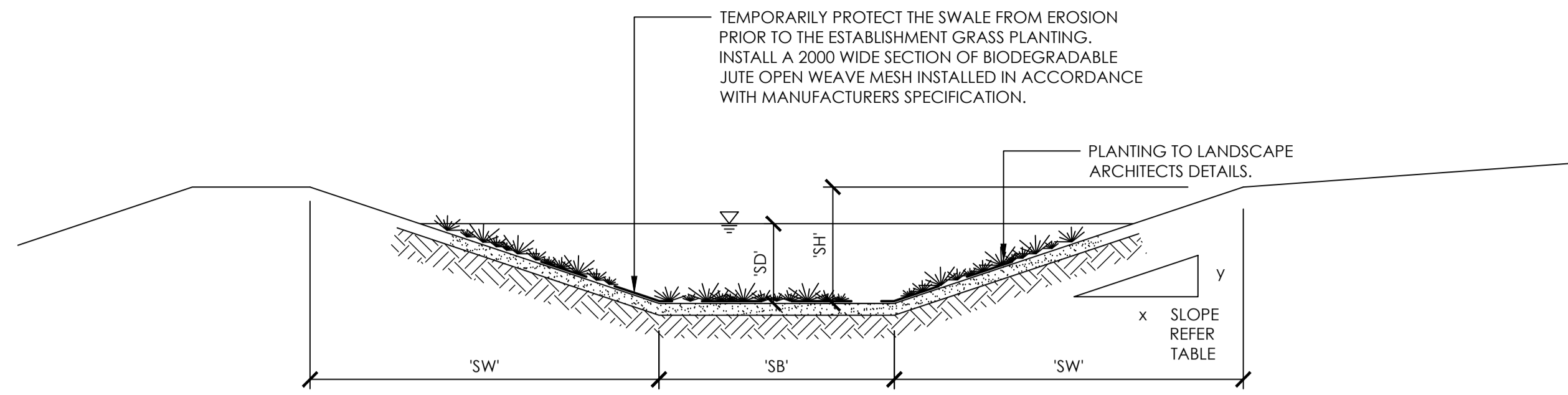
PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00 -

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TO BE PRINTED IN COLOUR

DRAWING TITLE
STORMWATER DRAINAGE PROFILES

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-410** ISSUE **01**



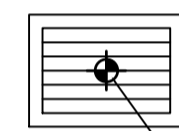
TYPICAL GRASSED LINED SWALE DETAIL

SCALE 1:10 (A1)

| SWALE SPECIFICATIONS | | | | | | | |
|------------------------|-----------------|-------------------|--------------|-----------|---------------------|-------------|--------------------|
| SWALE IDENTIFIER / No. | SWALE BASE 'SB' | SWALE HEIGHT 'SH' | BATTER SLOPE | | MAX FLOW DEPTH 'SD' | NOTES | KEY PLAN REFERENCE |
| | | | WIDTH 'SW' | SLOPE x:y | | | |
| SWALE 1 | 500 | 200 | 600 | 3:1 | 82 | GRASS LINED | |
| SWALE 2 | 500 | 250 | 750 | 3:1 | 203 | GRASS LINED | |
| SWALE E3.04 | 500 | 300 | 900 | 3:1 | 279 | GRASS LINED | |
| SWALE E3.03 | 1000 | 300 | 900 | 3:1 | 281 | GRASS LINED | |
| SWALE 06.04 | 0 | 100 | 500 | 5:1 | BASIN | GRASS LINED | |

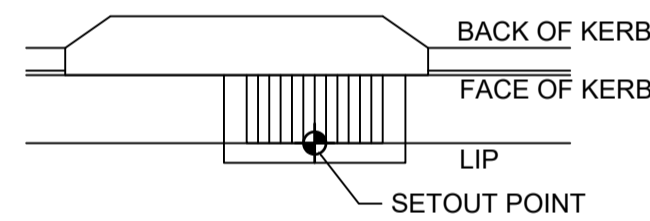
| STORMWATER PITS SETOUT TABLE | | | |
|------------------------------|-----------|------------|--|
| PIT NAME | EASTING | NORTHING | |
| 02.03 | 344405.43 | 6366296.97 | |
| 05.01 | 344853.10 | 6366240.88 | |
| 06.04 | 344901.15 | 6366221.12 | |
| E1.01 | 344213.42 | 6366337.46 | |
| E3.02 | 344723.55 | 6366260.51 | |
| E3.03 | 344715.45 | 6366249.32 | |
| E3.04 | 344659.20 | 6366257.83 | |
| E3.08 | 345017.19 | 6366205.37 | |
| E6.02 | 344942.40 | 6366227.43 | |
| E6.03 | 344929.18 | 6366217.33 | |
| E7.01 | 344959.39 | 6366214.10 | |
| E9.01 | 345022.26 | 6366196.31 | |

SETOUT POINTS ARE TO BE USED FOR A GUIDE. KERB INLET PITS ARE TO ALIGN WITH KERB AND GUTTER. NEW PIT COVERS ARE TO ALIGN WITH EXISTING PIT TYP.



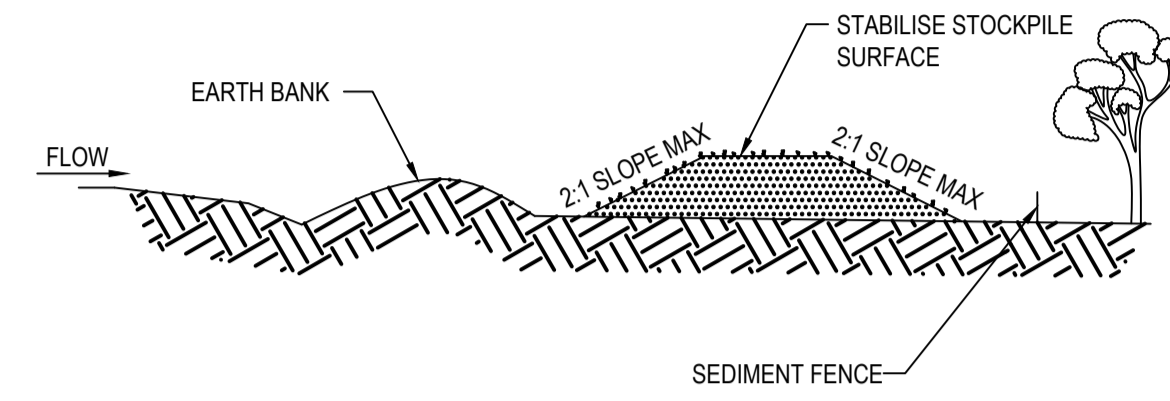
SETOUT POINT

GRATED SURFACE INLET PIT SETOUT POINT
N.T.S.



KERB INLET PIT SETOUT POINT
N.T.S.

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING



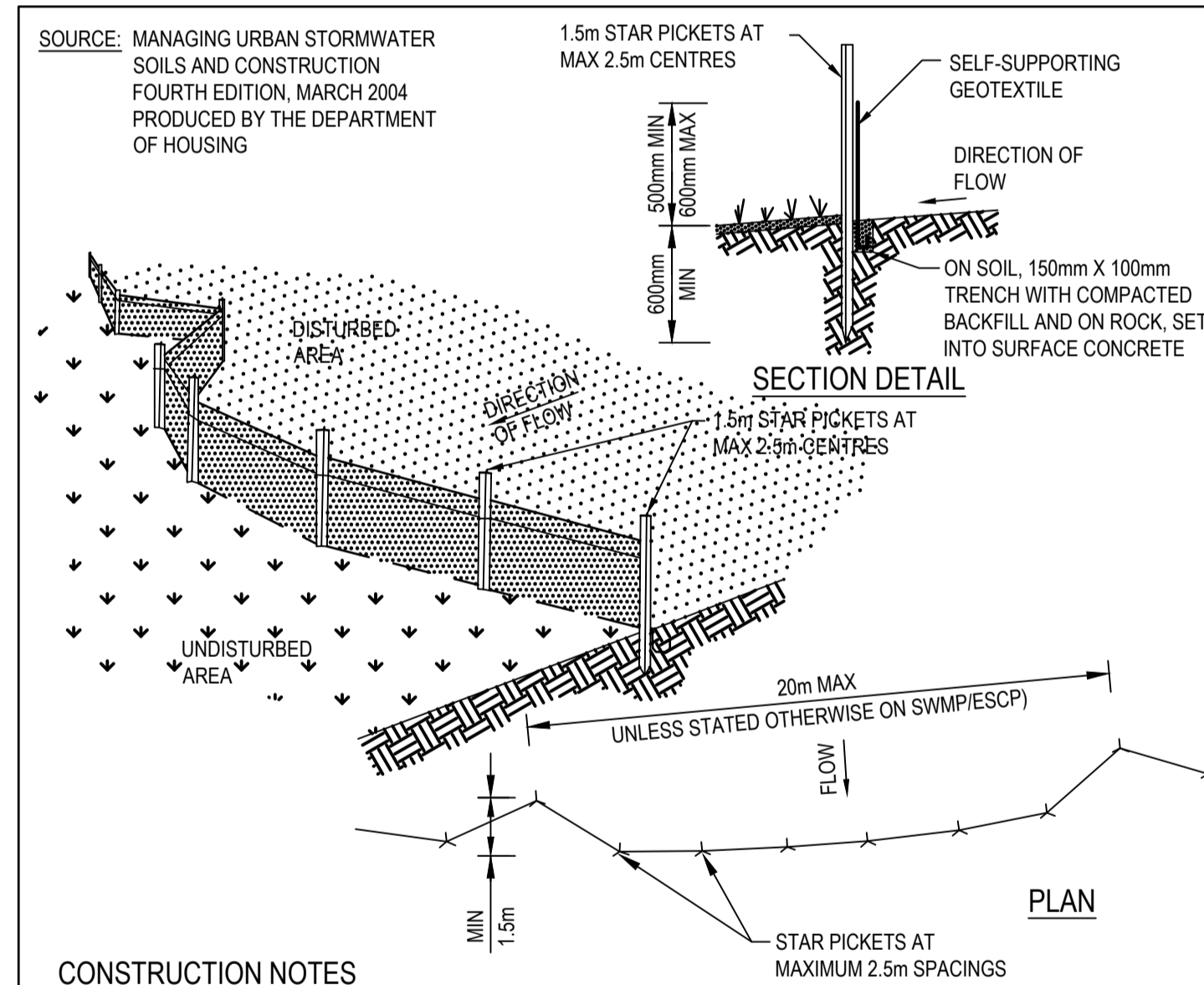
CONSTRUCTION NOTES:

1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METERS IN HEIGHT.
4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCE (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE.

STOCKPILES

SD 4-1

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING



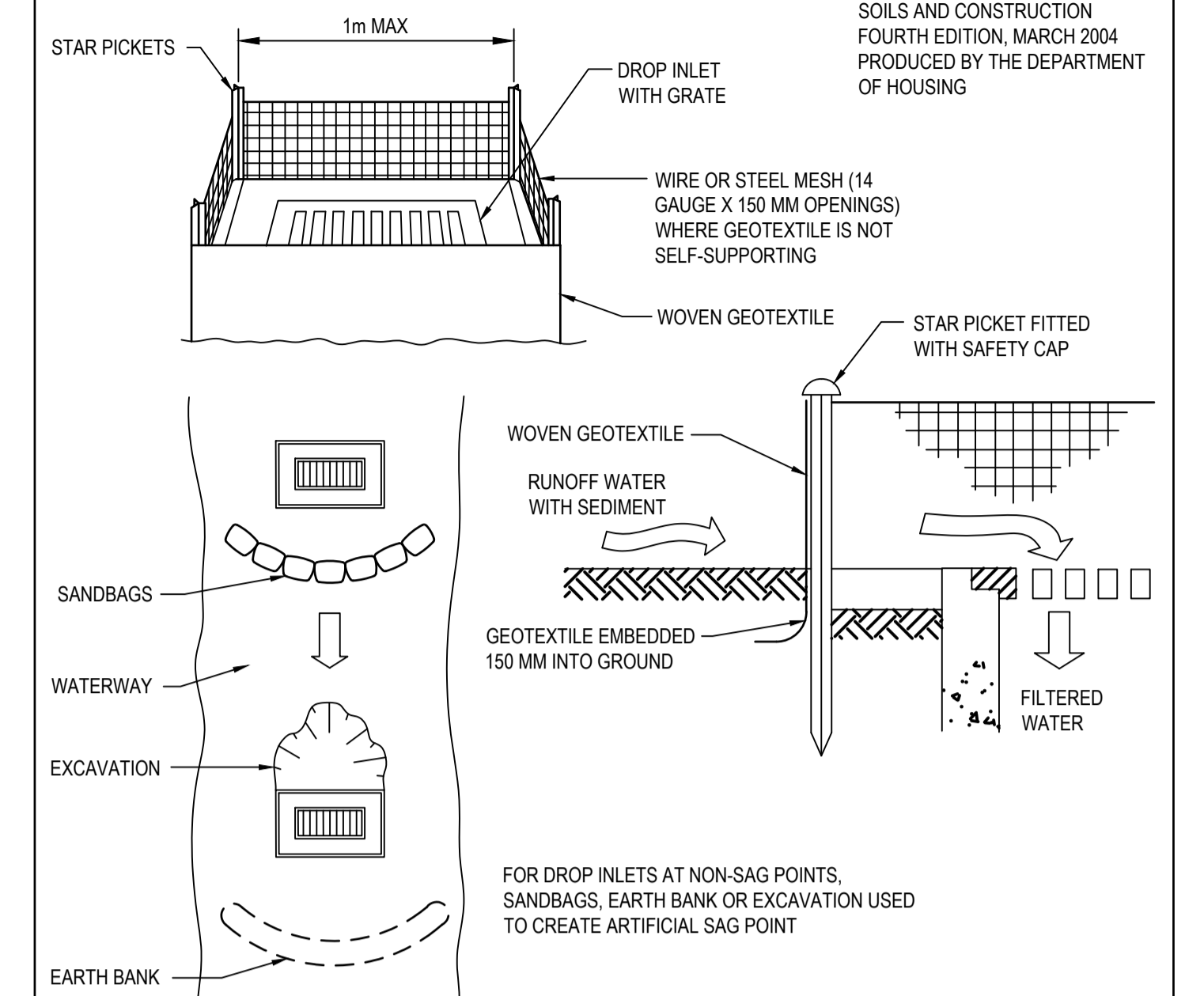
CONSTRUCTION NOTES

1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10 YEAR EVENT.
2. CUT A 150 MM DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
3. DRIVE 1.5 METRE LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT THE DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH, FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150 MM OVERLAP.
6. BACKFILL TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE

SEDIMENT FENCE

SD 6-8

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING



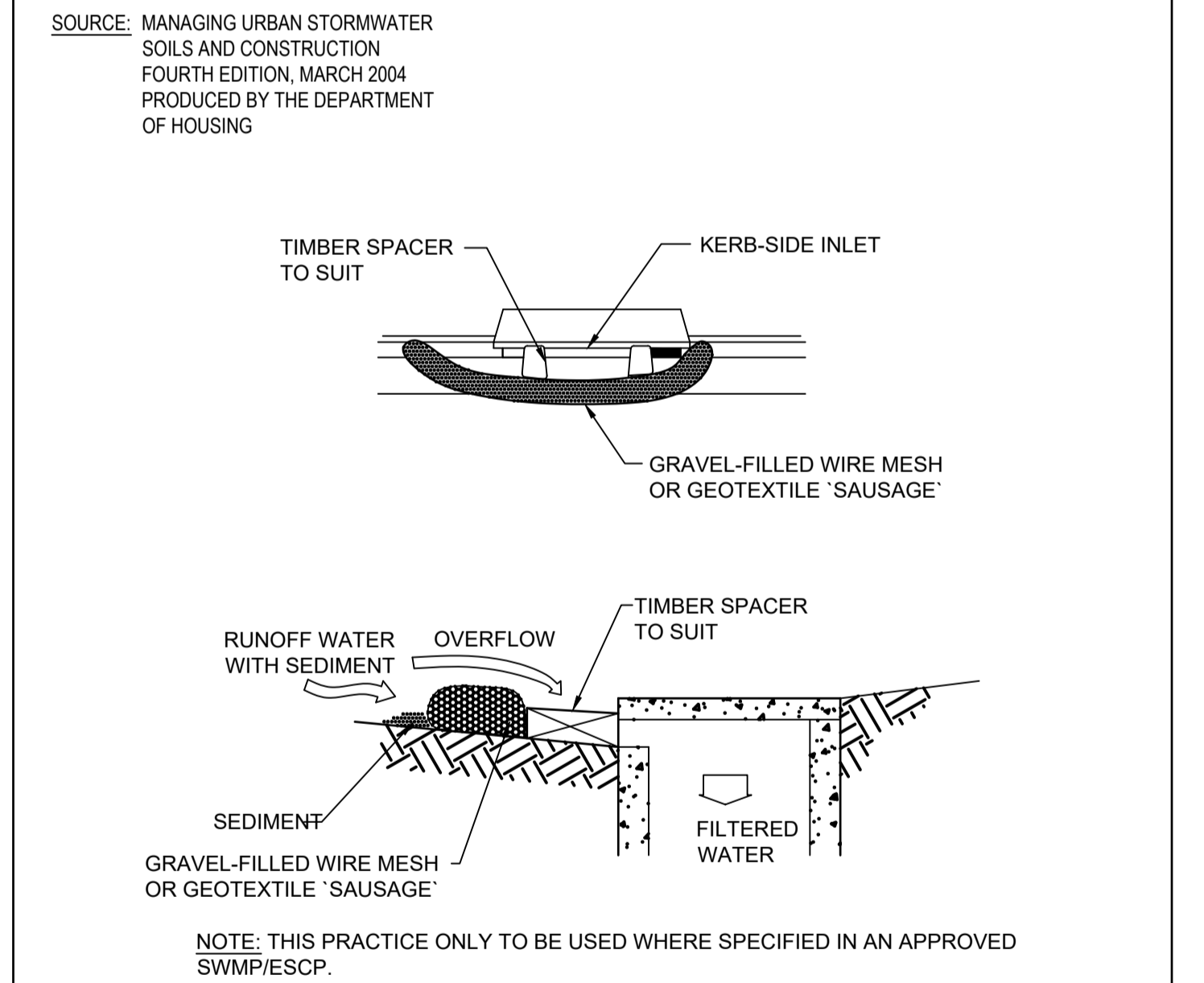
CONSTRUCTION NOTES:

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER

SD 6-12

SOURCE: MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION FOURTH EDITION, MARCH 2004 PRODUCED BY THE DEPARTMENT OF HOUSING



CONSTRUCTION NOTES:

1. INSTALL FILTERS TO KERB INLETS ONLY AT SAG POINTS.
2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
3. FORM AN ELLIPTICAL CROSS-SECTION ABOUT 150MM HIGH X 400MM WIDE.
4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT - LADEN WATERS CANNOT PASS BETWEEN.

MESH AND GRAVEL INLET FILTER

SD 6-11



SCALE 1:10 AT A1 SHEET | 1:20 AT A3 SHEET

| | | | |
|------------------------|----------|-------|----|
| ISSUE FOR CONSTRUCTION | 19.05.23 | 01 | CW |
| ISSUE FOR TENDER | 14.12.22 | 00 | CW |
| AMENDMENTS | DATE | ISSUE | BY |

FOR CONSTRUCTION

NORTH POINT U.N.O.

CLIENT / LGP



Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00



TRIAxIAL
CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU

UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

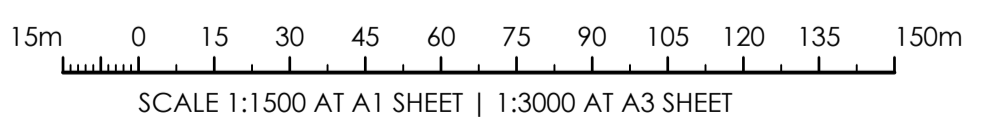
TO BE PRINTED IN COLOUR

DRAWING TITLE
STORMWATER DETAILS SHEET

PROJECT No. **TX16685.00** CODE / SHEET No. **SM-411** ISSUE **01**

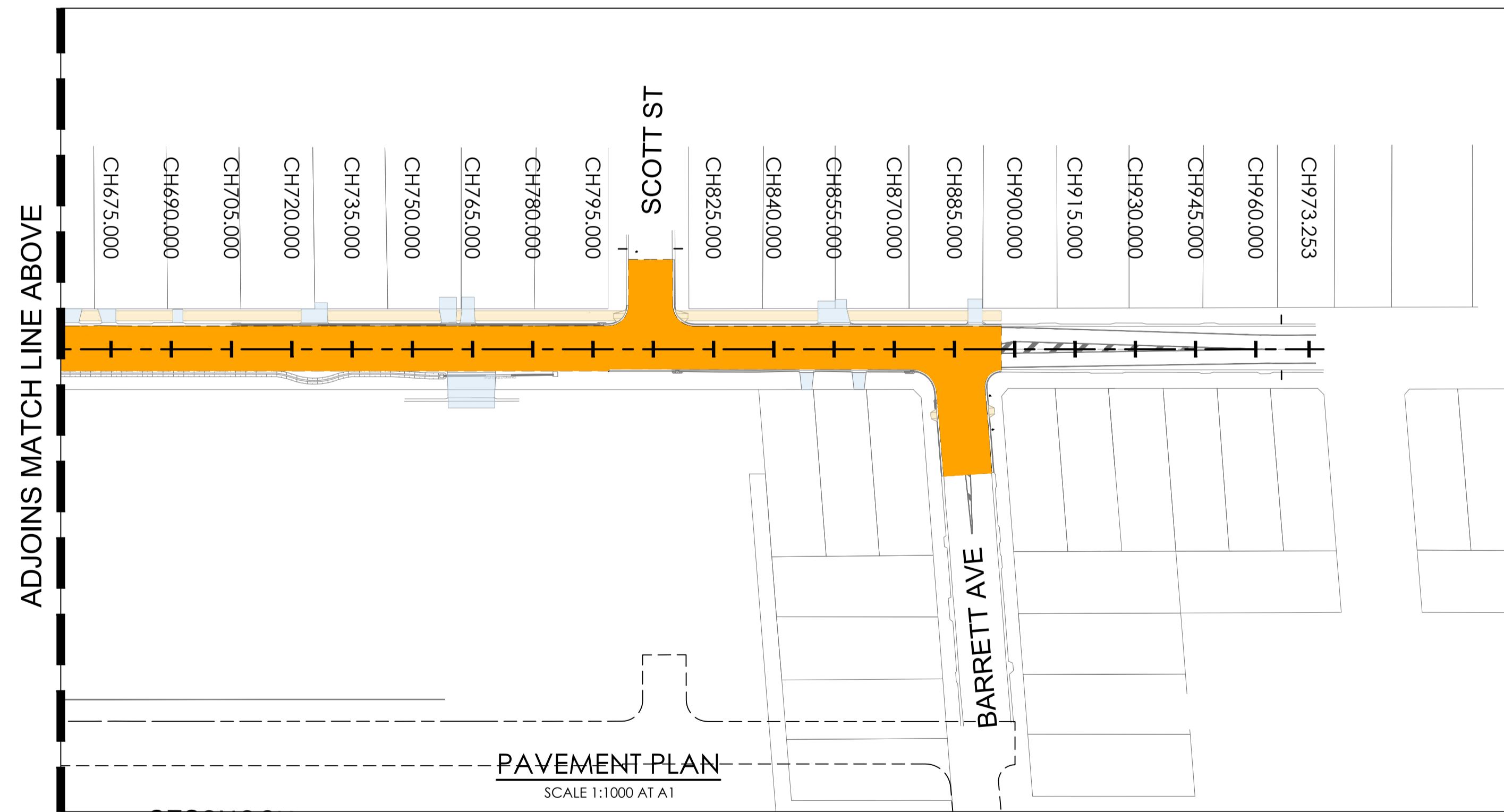
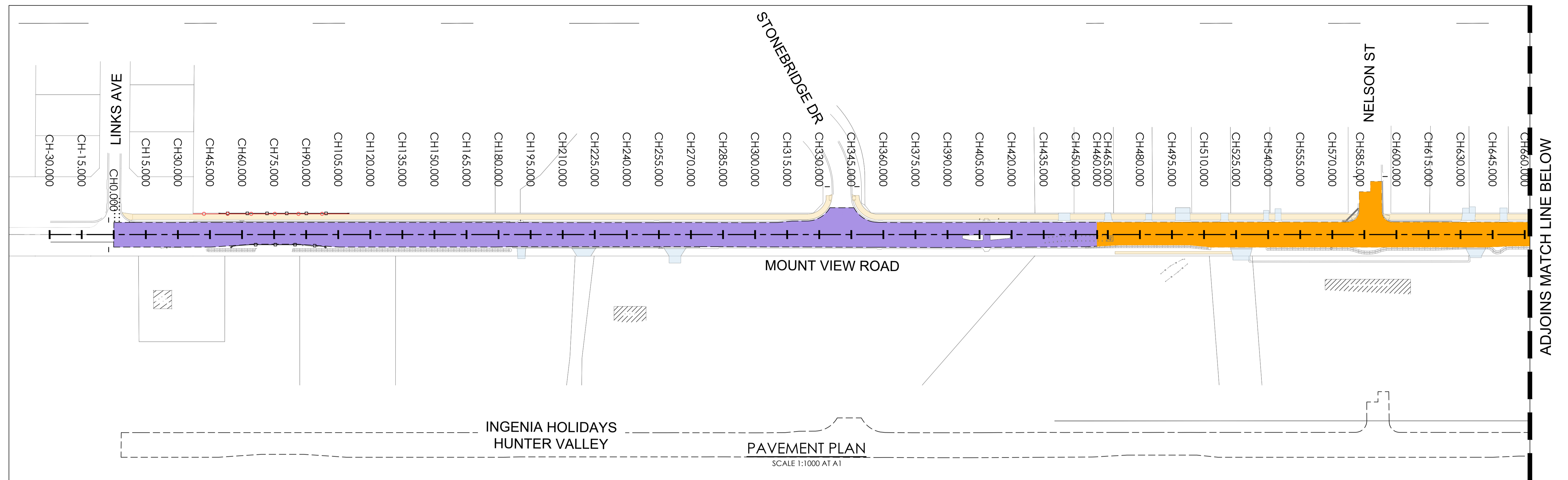


LEGEND:
 --- CATCHMENT BOUNDARY
 CAT E1.01 CATCHMENT LABELS



| GUTTER AND SWALE DATA | | | | | | |
|-----------------------|--------------|-------------------|-----------|----------------|-----------|------------------|
| ID | DISCHARGE TO | MAX FLOW (m³/sec) | DEPTH (m) | VELOCITY DEPTH | WIDTH (m) | VELOCITY (m/sec) |
| E1.01 GUTTER | E1.01 | 0.014 | 0.071 | 0.03 | 1.24 | 0.39 |
| E2.01 GUTTER | E2.01 | 0.028 | 0.077 | 0.05 | 1.40 | 0.63 |
| E2.02 GUTTER | E2.02 | 0.019 | 0.068 | 0.04 | 1.17 | 0.59 |
| E3.01 GUTTER | E3.01 | 0.057 | 0.087 | 0.08 | 1.66 | 0.96 |
| E3.02 GUTTER | E3.02 | 0.104 | 0.120 | 0.10 | 2.49 | 0.81 |
| SWALE E3.03 | E3.03 | 0.019 | 0.092 | 0.03 | 0.85 | 0.36 |
| SWALE E3.04 | E3.04 | 0.032 | 0.118 | 0.05 | 1.01 | 0.42 |
| E3.05 GUTTER | E3.05 | 0.064 | 0.102 | 0.08 | 2.04 | 0.74 |
| 05.01 GUTTER | 05.01 | 0.076 | 0.108 | 0.08 | 2.18 | 0.76 |
| 06.01 GUTTER | 06.01 | 0.019 | 0.047 | 0.07 | 0.65 | 1.40 |
| E6.02 GUTTER | E6.02 | 0.071 | 0.106 | 0.08 | 2.12 | 0.75 |
| SWALE 06.04 | 06.04 | 0.046 | 0.140 | 0.05 | 3.36 | 0.33 |
| E8.03 GUTTER | E8.03 | 0.004 | 0.041 | 0.02 | 0.48 | 0.42 |
| SWALE 1 | WATERCOURSE | 0.024 | 0.103 | 0.04 | 0.92 | 0.39 |
| SWALE 2 | WATERCOURSE | 0.052 | 0.149 | 0.07 | 1.19 | 0.47 |

| CATCHMENT DATA | | | | | | |
|----------------|---------|-----------|--------------|------------|---------------------|---------------------------------|
| CATCHMENT ID | NODE ID | AREA (ha) | % IMPERVIOUS | % PERVIOUS | MAX RUNOFF (m³/sec) | CRITICAL STORM |
| CAT E1.01 | E1.01 | 0.0726 | 85 | 15 | 0.020 | 20% AEP, 5 min burst, Storm 1 |
| CAT E2.01 | E2.01 | 0.1080 | 85 | 15 | 0.028 | 20% AEP, 10 min burst, Storm 10 |
| CAT E2.02 | E2.02 | 0.0635 | 85 | 15 | 0.019 | 20% AEP, 5 min burst, Storm 1 |
| CAT 02.03 | 02.03 | 0.6046 | 45 | 55 | 0.084 | 20% AEP, 10 min burst, Storm 3 |
| CAT E3.01 | E3.01 | 0.1756 | 50 | 50 | 0.029 | 20% AEP, 10 min burst, Storm 3 |
| CAT E3.02 | E3.02 | 0.6414 | 55 | 45 | 0.104 | 20% AEP, 10 min burst, Storm 10 |
| CAT E3.03 | E3.03 | 0.0570 | 85 | 15 | 0.017 | 20% AEP, 5 min burst, Storm 1 |
| CAT E3.03a | E3.03a | 0.4126 | 85 | 15 | 0.124 | 20% AEP, 5 min burst, Storm 1 |
| CAT E3.04 | E3.04 | 0.1284 | 85 | 15 | 0.032 | 20% AEP, 10 min burst, Storm 10 |
| CAT E3.05 | E3.05 | 0.2820 | 85 | 15 | 0.071 | 20% AEP, 10 min burst, Storm 10 |
| CAT E3.06 | E3.06 | 0.0190 | 85 | 15 | 0.006 | 20% AEP, 5 min burst, Storm 1 |
| CAT E4.01 | E4.01 | 18.1120 | 0 | 100 | 0.236 | 20% AEP, 45 min burst, Storm 3 |
| CAT 05.01 | 05.01 | 0.4678 | 50 | 50 | 0.076 | 20% AEP, 10 min burst, Storm 3 |
| CAT E6.01 | E6.01 | 0.0129 | 85 | 15 | 0.004 | 20% AEP, 5 min burst, Storm 1 |
| CAT E6.02 | E6.02 | 0.3853 | 50 | 50 | 0.062 | 20% AEP, 10 min burst, Storm 3 |
| CAT E6.03 | E6.03 | 0.0281 | 85 | 15 | 0.008 | 20% AEP, 5 min burst, Storm 1 |
| CAT 06.04 | 06.04 | 0.1883 | 85 | 15 | 0.046 | 20% AEP, 10 min burst, Storm 8 |
| CAT E7.01 | E7.01 | 0.1877 | 60 | 40 | 0.037 | 20% AEP, 5 min burst, Storm 1 |
| CAT E7.02 | E7.02 | 0.0387 | 0 | 100 | 0.003 | 20% AEP, 45 min burst, Storm 8 |
| CAT E7.02a | E7.02a | 0.8039 | 0 | 100 | 0.016 | 20% AEP, 45 min burst, Storm 3 |
| CAT E7.02b | E7.02b | 7.7719 | 0 | 100 | 0.125 | 20% AEP, 45 min burst, Storm 3 |
| CAT E7.03 | E7.03 | 0.3468 | 85 | 15 | 0.085 | 20% AEP, 10 min burst, Storm 3 |
| CAT E8.01 | E8.01 | 0.0203 | 85 | 15 | 0.006 | 20% AEP, 5 min burst, Storm 1 |
| CAT E8.03 | E8.03 | 0.0133 | 85 | 15 | 0.004 | 20% AEP, 5 min burst, Storm 1 |
| CAT SWALE 1 | | 0.1682 | 40 | 60 | 0.024 | 20% AEP, 5 min burst, Storm 1 |
| CAT SWALE 2 | | 0.6685 | 20 | 80 | 0.052 | 20% AEP, 10 min burst, Storm 8 |



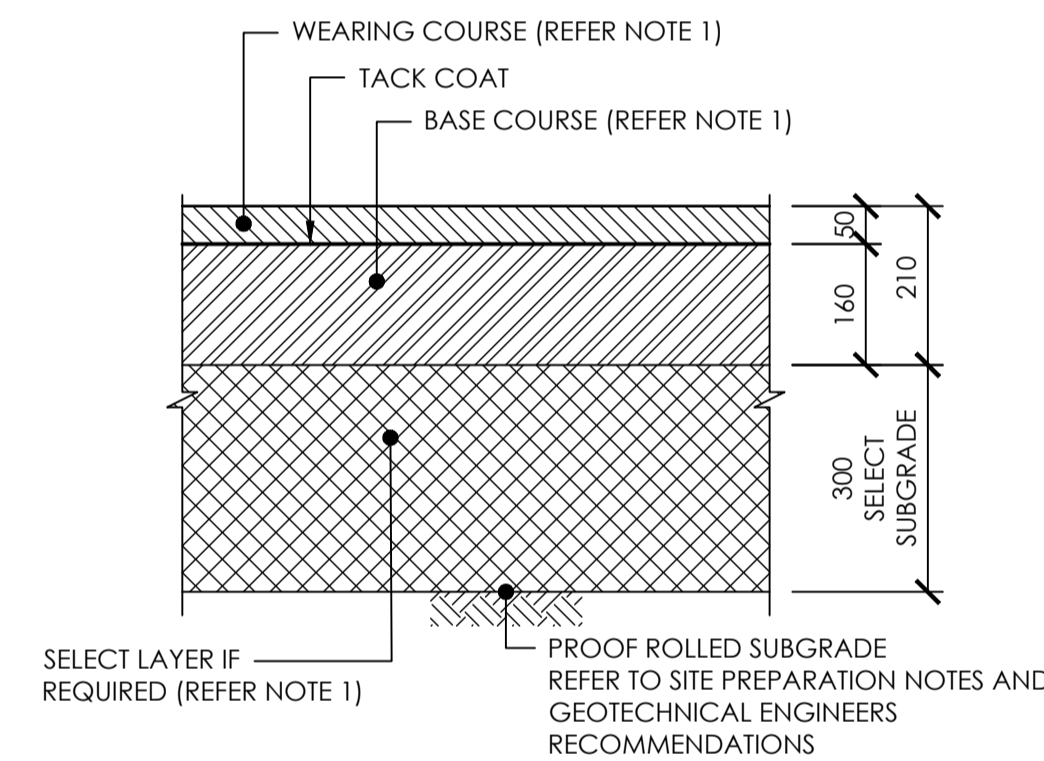
NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



CONCRETE PAVEMENT

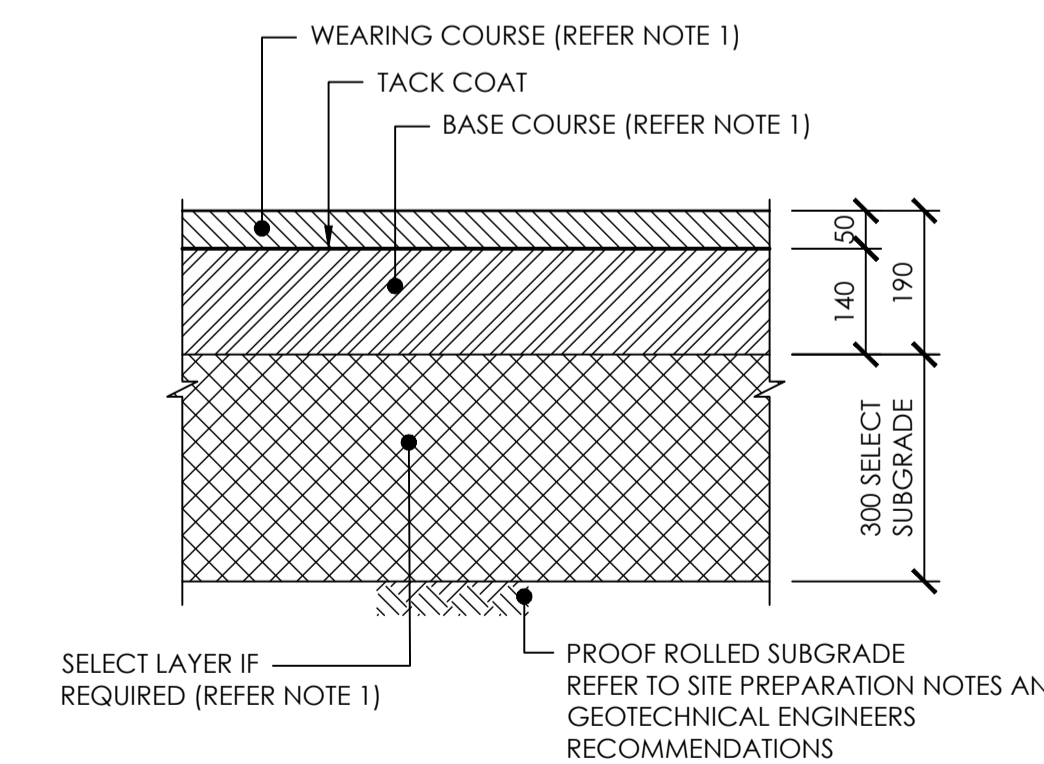
DENOTES CONCRETE FOOT/SHARED PATH
CONCRETE PAVEMENT TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10 "CONCRETE AND CONCRETE WORKS - DESIGN AND CONSTRUCTION" AND STANDARD DRAWINGS.

DENOTES CONCRETE DRIVEWAY CROSSOVER
CONCRETE PAVEMENT TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DEVELOPMENT SECTION 10 "CONCRETE AND CONCRETE WORKS - DESIGN AND CONSTRUCTION" AND STANDARD DRAWINGS.



PAVEMENT TYPE 1 (CBR = 4.5%)

SCALE 1:10 AT A1
 DENOTES PAVEMENT TYPE 1, REFER PLAN
NOTE 1: PAVEMENT LAYERS AS SPECIFIED IN TABLE 10 IN THE GEOTECHNICAL INVESTIGATION REPORT BY DOUGLAS PARTNERS, REF: 214406.00



PAVEMENT TYPE 2 (CBR = 7%)

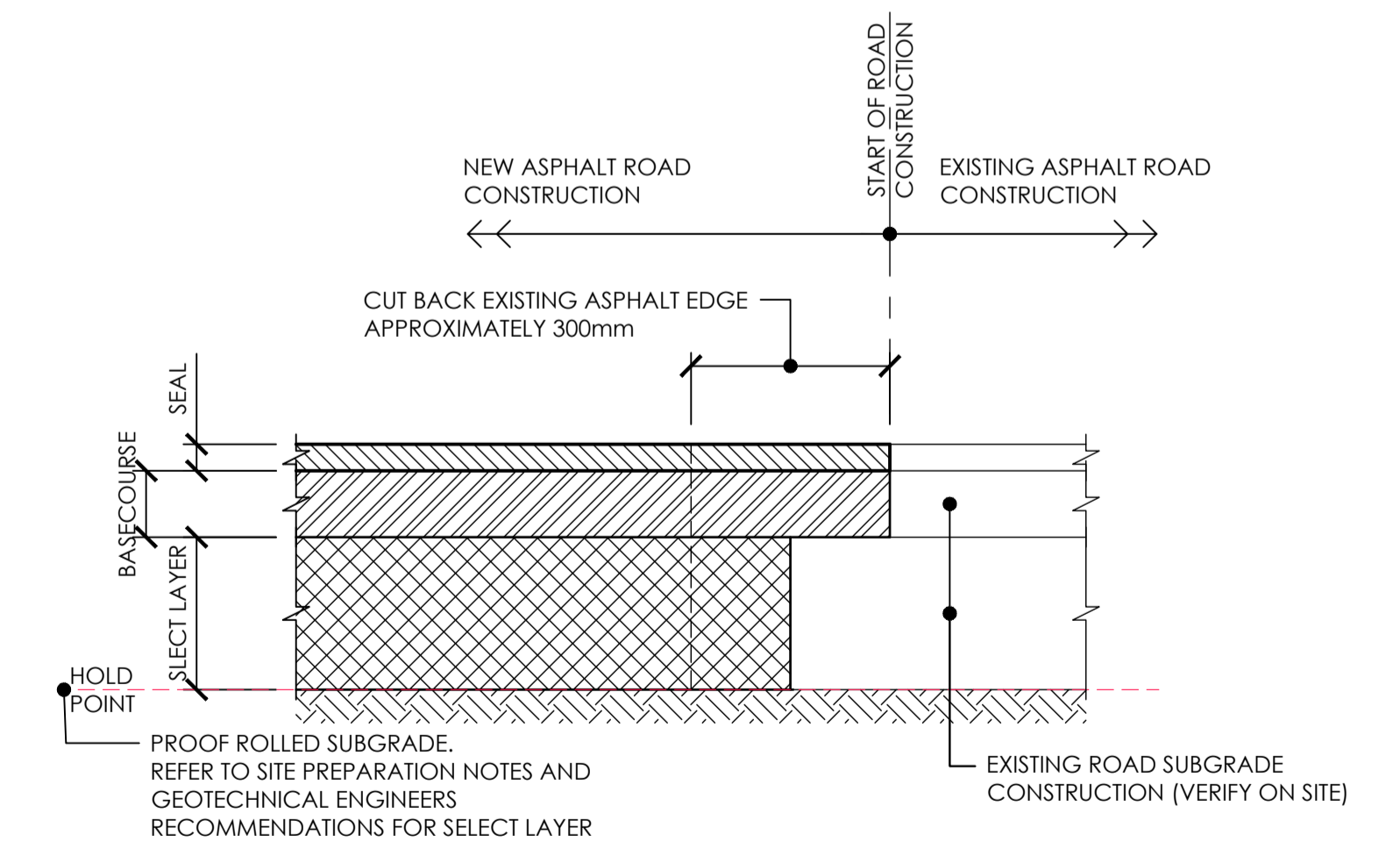
SCALE 1:10 AT A1
 DENOTES PAVEMENT TYPE 2, REFER PLAN
NOTE 1: PAVEMENT LAYERS AS SPECIFIED IN TABLE 10 IN THE GEOTECHNICAL INVESTIGATION REPORT BY DOUGLAS PARTNERS, REF: 214406.00

PAVEMENT DESIGN - EXTRACT FROM GEOTECHNICAL INVESTIGATION REPORT BY DOUGLAS PARTNERS, REF: 214406.00

Table 10: Full Depth Asphalt – DL = 20 years, 5.8 x 10⁶ ESA

| Pavement Layer | Layer Thickness (mm) | |
|---|---|-------------------------------------|
| | Subgrade CBR = 4.5% CH 460 to CH 875 | Subgrade CBR = 7% CH 0 to CH 460 |
| Wearing Course (AC14) | 50 | 50 |
| AC20 | 160 | 140 |
| Select Subgrade ⁽¹⁾ | 300 | 300 |
| Total Pavement Thickness (excluding wearing course) | 210 + Select | 190 + Select |

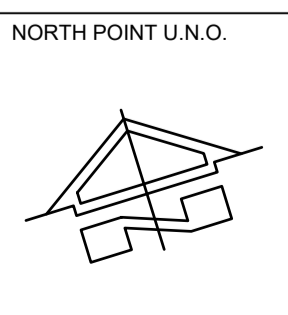
Notes to Table 10:
(1) Select (or additional select) material may be required to allow for compaction of overlying pavement layers depending on the moisture condition of the clay subgrade at the time of construction.



NEW PAVEMENT INTERFACE TYPICAL DETAIL

SCALE NTS
10m 0 10 20 30 40 50 60 70 80 90 100m
SCALE 1:1000 AT A1 SHEET | 1:2000 AT A3 SHEET

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



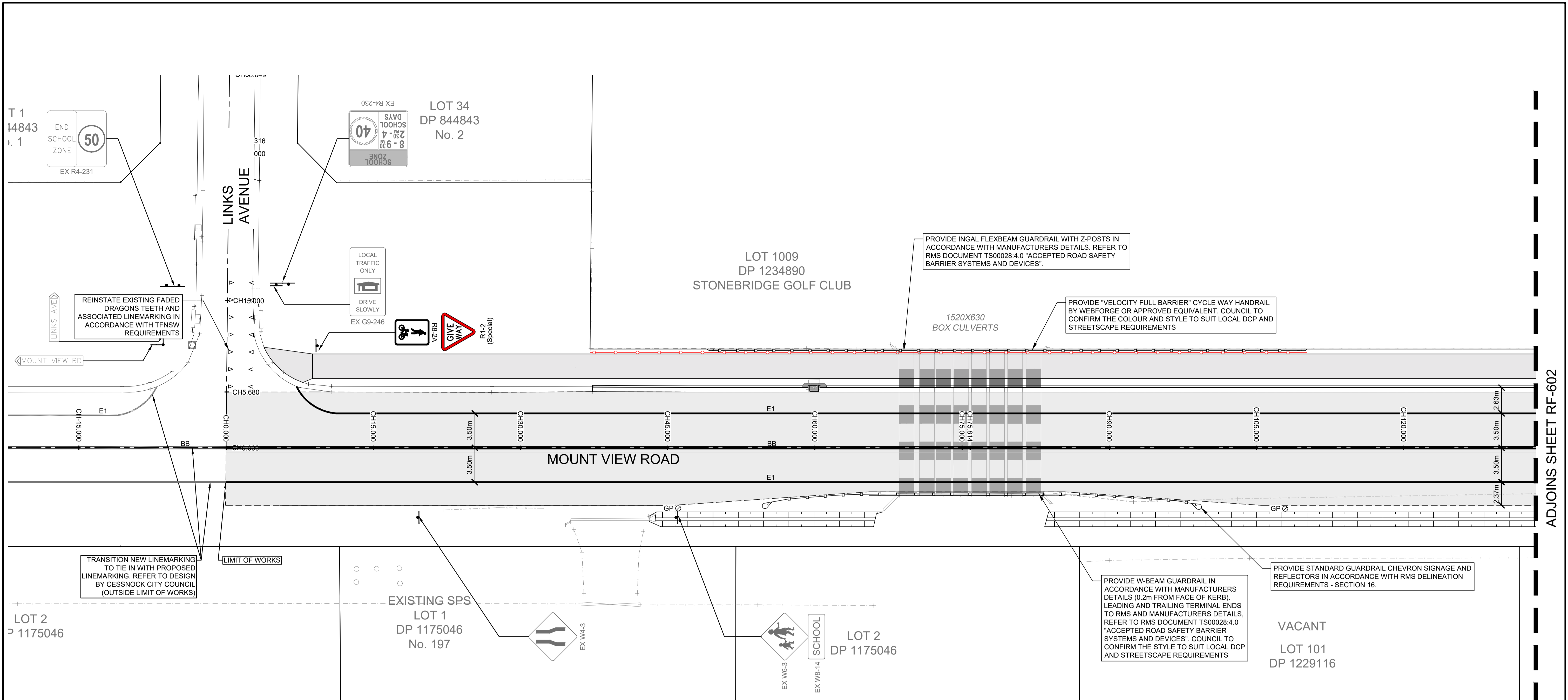
NORTH POINT U.N.O. CLIENT / LGP
 Public Works
Department of Regional NSW
 CESSNOCK CITY COUNCIL
CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT AVE)
DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-C101

TRIAxIAL CONSULTING
COMPLEX PROBLEMS RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
ROAD PAVEMENT PLAN AND DETAILS
PROJECT No. **TX16685.00** CODE / SHEET No. **PV-500** ISSUE **01**



ADJOINS SHEET RF-602

| LEGEND | |
|--------|------------------------------------|
| EX | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED EDGE LINE |
| | PROPOSED MEDIAN EDGE LINE |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED CONTINUITY LINE |
| | PROPOSED BICYCLE CONTINUITY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING E1 LINE MARKING TO REMAIN |
| | EXISTING S1 LINE MARKING |
| | PROPOSED GUIDE POSTS |

ALL LINEMARKING AND SIGNAGE IS SUBJECT TO FINAL APPROVAL BY COUNCIL'S TRAFFIC SECTION.

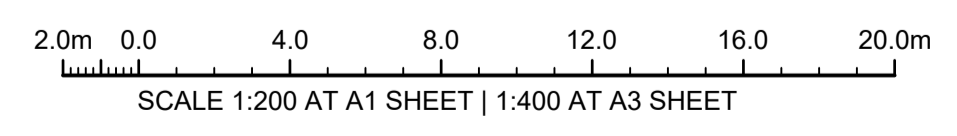
LINEMARKING:
ALL NEW LINEMARKING TO BE REFLECTORISED THERMOPLASTIC PAINT IN ACCORDANCE WITH AS 1742 AND CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DESIGN.

RAISED PAVEMENT MARKERS:
ALL NEW LINEMARKING TO HAVE RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM) INSTALLED AND SPACED IN ACCORDANCE WITH RMS DELINEATION DOCUMENT - "SECTION 15 RAISED PAVEMENT MARKERS" AND AS 1742.
FINAL LOCATIONS OF RRPM'S WILL BE DETERMINED AT CONSTRUCTION STAGE PLANS AFTER CESSNOCK CITY COUNCIL'S TRAFFIC REPRESENTATIVES LIAISON APPROVAL.

SIGNAGE INSTALLATION:
(ALL NEW SIGNS ARE IDENTIFIED IN COLOUR)
THE FINAL LOCATION AND INSTALLATION PROCEDURE OF ALL SIGN POSTS IS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DESIGN.

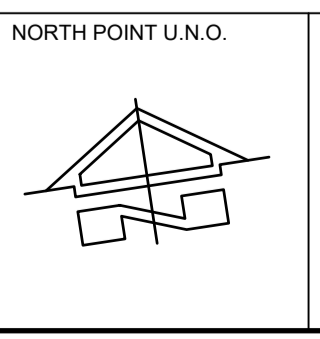
EXISTING SIGNAGE:
(ALL EXISTING SIGNAGE IS IDENTIFIED AS GREY)
CONTRACTOR / CONSTRUCTOR IS TO IDENTIFY EXISTING SIGNAGE THAT IS IN THE AREA OF WORKS AND HAS NOT BEEN SURVEYED. CONTRACTOR / CONSTRUCTOR IS TO REPLACE, REMOVE AND/OR REINSTATE EXISTING SIGNAGE AND KERB MARKINGS AS REQUIRED.

SERVICES NOTE:
1. EXISTING SERVICES SHOWN ARE BASED ON SURVEY DATA RECEIVED BY TRIAXIAL CONSULTING.
2. ALL EXISTING SERVICES ARE SHOWN DIAGRAMMATIC ONLY. ALL SERVICES ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED **BW** DRAWN **CW** DATE **09/22** SIZE **A1** CAD REF **TX16685.00 -RF-601**



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 1 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **RF-601** ISSUE **01**

LOT 1009
DP 1234890
STONEBRIDGE GOLF CLUB

LOT 1000
DP 1234890
STONEBRIDGE GOLF CLUB

SP91103
No. 5
UNIT DEVELOPMENT

ADJOINS SHEET RF-601

ADJOINS SHEET RF-603

MOUNT VIEW ROAD

LOT 100
DP 1229116
No. 145
VACANT LAND

SCHOOL ZONE
8 - 9:30
20 - 4
SCHOOL DAYS
EX R4-230

| LEGEND | |
|--------|------------------------------------|
| EX | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED EDGE LINE |
| | PROPOSED MEDIAN EDGE LINE |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED CONTINUITY LINE |
| | PROPOSED BICYCLE CONTINUITY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING EDGE LINE TO REMAIN |
| | EXISTING S1 LINE MARKING |
| | PROPOSED GUIDE POSTS |

ALL LINEMARKING AND SIGNAGE IS SUBJECT TO FINAL APPROVAL BY COUNCIL'S TRAFFIC SECTION.

LINEMARKING:
ALL NEW LINEMARKING TO BE REFLECTORISED THERMOPLASTIC PAINT IN ACCORDANCE WITH AS 1742 AND CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DESIGN.

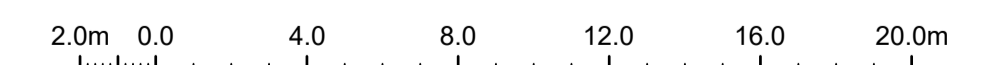
RAISED PAVEMENT MARKERS:
ALL NEW LINEMARKING TO HAVE RETRO-REFLECTIVE RAISED PAVEMENT MARKERS (RRPM) INSTALLED AND SPACED IN ACCORDANCE WITH RMS DELINEATION DOCUMENT - "SECTION 15 RAISED PAVEMENT MARKERS" AND AS 1742.

FINAL LOCATIONS OF RRPM'S WILL BE DETERMINED AT CONSTRUCTION STAGE PLANS AFTER CESSNOCK CITY COUNCIL'S TRAFFIC REPRESENTATIVES LIAISON APPROVAL.

SIGNAGE INSTALLATION:
(ALL NEW SIGNS ARE IDENTIFIED IN COLOUR)
THE FINAL LOCATION AND INSTALLATION PROCEDURE OF ALL SIGN POSTS IS TO BE IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS FOR DESIGN.

EXISTING SIGNAGE:
(ALL EXISTING SIGNAGE IS IDENTIFIED AS GREY)
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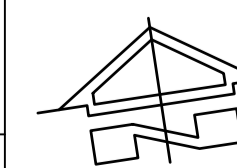


SCALE 1:200 AT A1 SHEET | 1:400 AT A3 SHEET

| | | | |
|------------------------|----------|-------|----|
| ISSUE FOR CONSTRUCTION | 19.05.23 | 01 | CW |
| ISSUE FOR TENDER | 14.12.22 | 00 | CW |
| AMENDMENTS | DATE | ISSUE | BY |

FOR CONSTRUCTION

NORTH POINT U.N.O.



CLIENT / LGF



Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT

MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

| | | | | |
|----------|-------|--------|------|--------------|
| DESIGNED | DRAWN | DATE | SIZE | CAD REF |
| BW | CW | DEC 22 | A1 | TX16685.00 - |



TRIAxIAL
CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

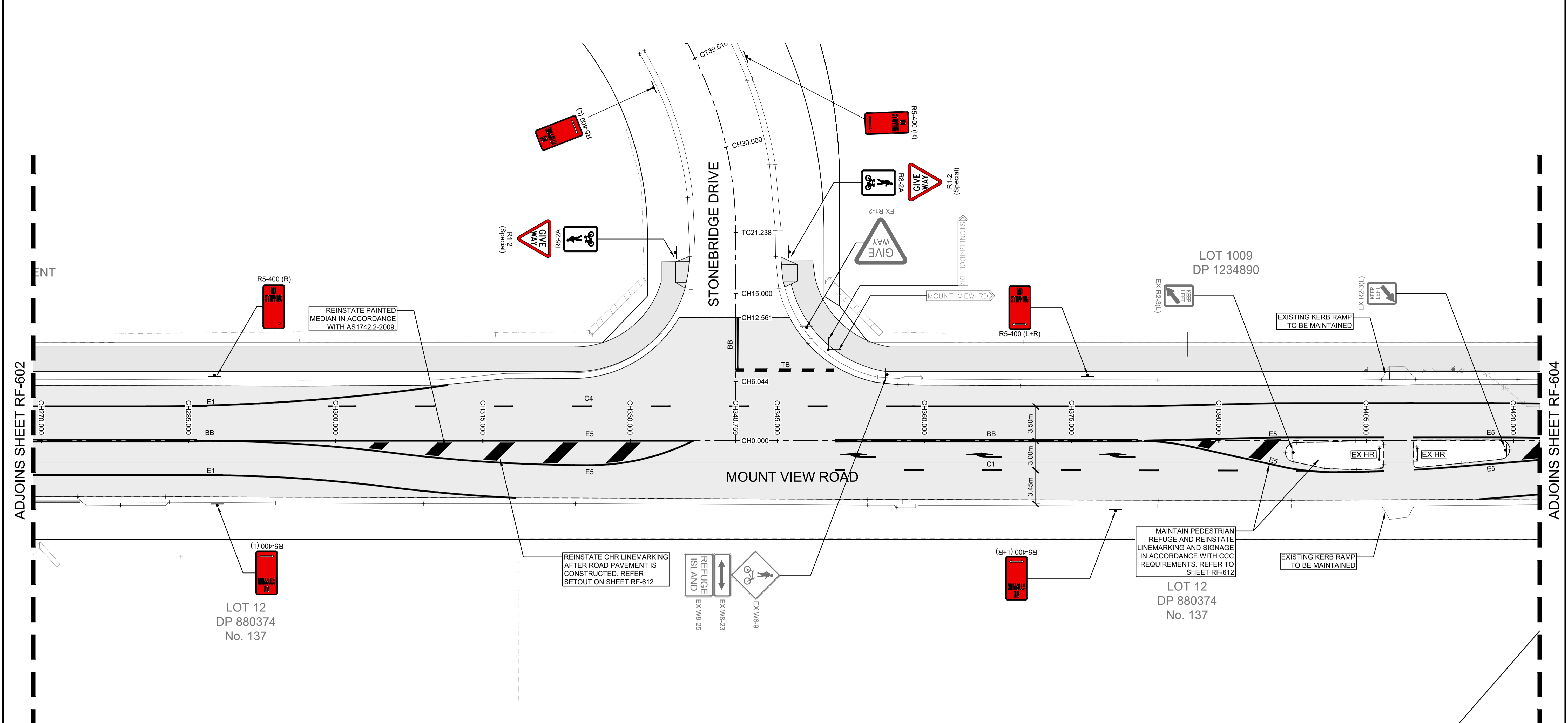
1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE

ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 2 OF 7

| | | |
|-------------|------------------|-------|
| PROJECT No. | CODE / SHEET No. | ISSUE |
| TX16685.00 | RF-602 | 01 |



ADJOINS SHEET RF-602

ADJOINS SHEET RF-604

LEGEND

| | |
|----|------------------------------------|
| EX | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED EDGE LINE |
| | PROPOSED MEDIAN EDGE LINE |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED CONTINUITY LINE |
| | PROPOSED BICYCLE CONTINUITY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING EDGE LINE TO REMAIN |
| | EXISTING S1 LINE MARKING |
| | PROPOSED GUIDE POSTS |

ALL LINEMARKING AND SIGNAGE IS SUBJECT TO FINAL APPROVAL BY COUNCIL'S TRAFFIC SECTION.

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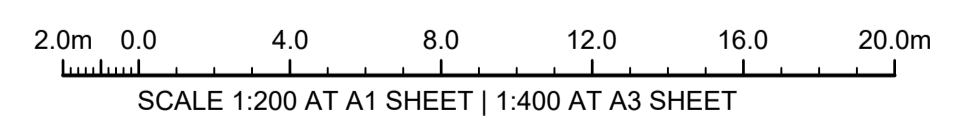
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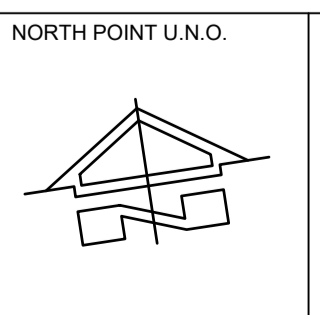
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FOR CONSTRUCTION



CLIENT / LGF

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT

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MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

| | | | | |
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| DESIGNED | DRAWN | DATE | SIZE | CAD REF |
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TRIAxIAL CONSULTING
COMPLEX PROBLEMS
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1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE

ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 3 OF 7

PROJECT No. **TX16685.00** | CODE / SHEET No. **RF-603** | ISSUE **01**

ADJOINS SHEET RF-603

ADJOINS SHEET RF-605

SP80064
No. 100

LOT 2
DP 12381
No. 98

LOT 3
DP 12381
No. 96

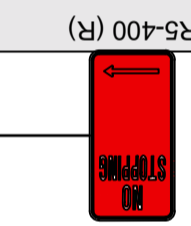
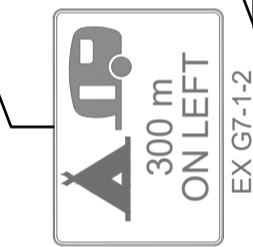
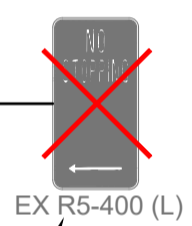
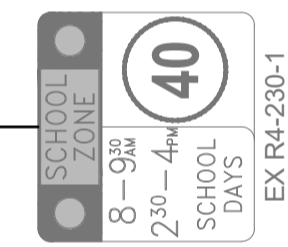
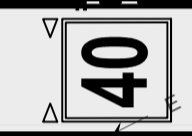
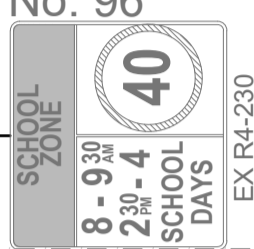
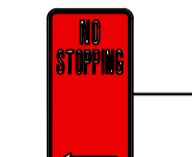
LOT 4
DP 12381
No. 94

LOT 5
DP 12381
No. 92

LOT 6
DP 12381
No. 90

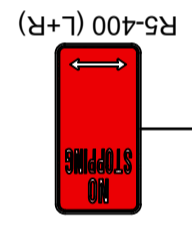
LOT 100
DP 712683
No. 86

NEW PAINTED MEDIAN
IN ACCORDANCE WITH
AS1742.2-2009



NOTE: ALL ENTRY/EXIT SIGNS
TO SPORTS CENTRE ARE TO
BE MAINTAINED / REINSTATED
TO ENSURE EXISTING
PARKING AND TRAFFIC
MOVEMENTS ARE
MAINTAINED.

REINSTATE DRAGONS TEETH
IN ACCORDANCE WITH
TFNSW REQUIREMENTS



LOT 101
DP 1229116

REINSTATE '40' SPEED ZONE
PAVEMENT MARKING

EXISTING NO STOPPING
SIGN TO BE REMOVED AND
REPLACED WITH NEW SIGN

MOUNT VIEW ROAD

LEGEND

| | |
|----|------------------------------------|
| EX | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED EDGE LINE |
| | PROPOSED MEDIAN EDGE LINE |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED CONTINUITY LINE |
| | PROPOSED BICYCLE CONTINUITY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING E1 LINE MARKING TO REMAIN |
| | EXISTING S1 LINE MARKING |
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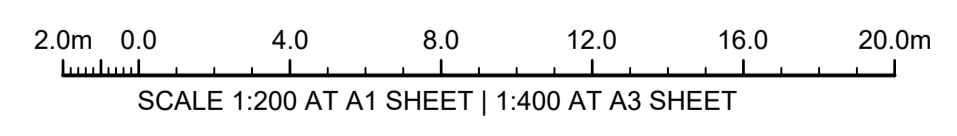
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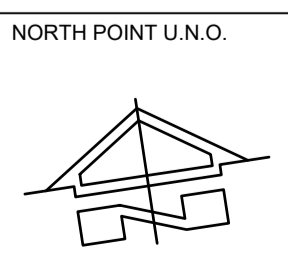
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NORTH POINT U.N.O.
CLIENT / LG/

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

TRIAxIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
**ROADSIDE FURNITURE AND
PAVEMENT MARKING PLAN
SHEET 4 OF 7**

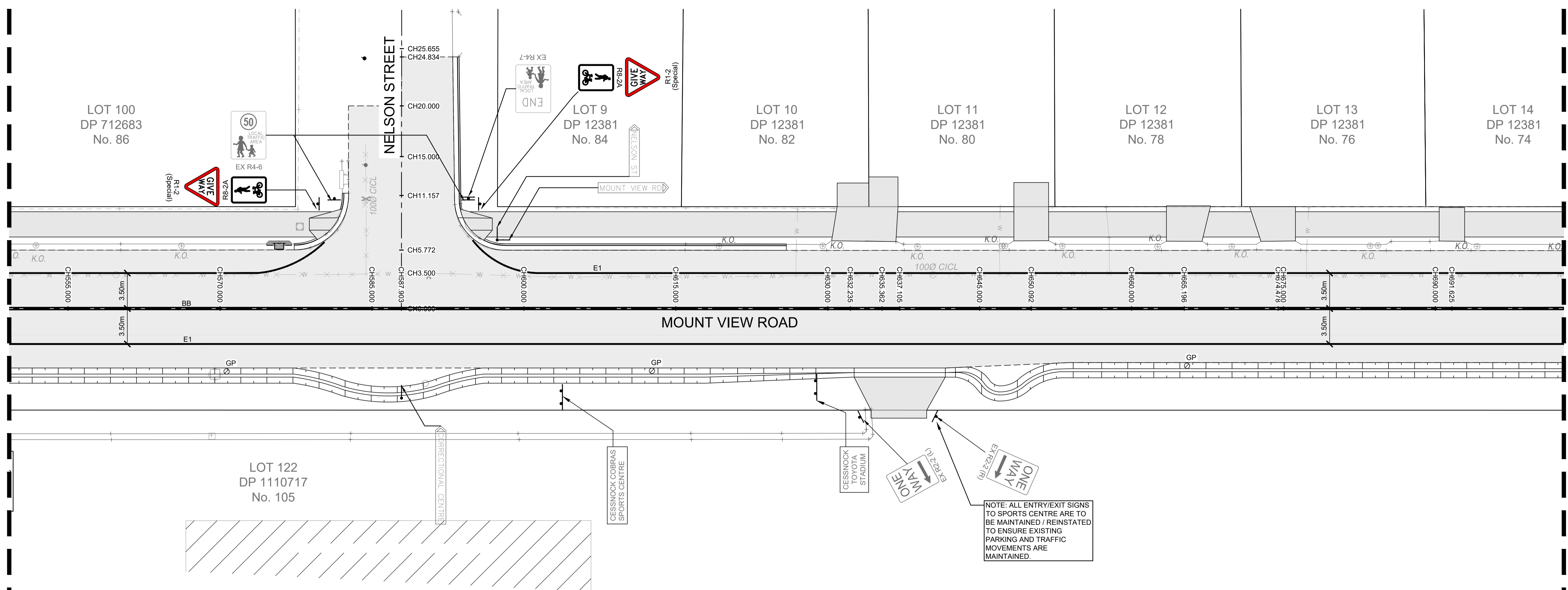
PROJECT No.
TX16685.00

CODE / SHEET No.
RF-604

ISSUE
01

ADJOINS SHEET RF-604

ADJOINS SHEET RF-606



| LEGEND | |
|--------|------------------------------------|
| EX | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED E1 LINE MARKING |
| | PROPOSED E5 LINE MARKING |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED C1 LINE MARKING |
| | PROPOSED C4 LINE MARKING |
| | PROPOSED TF LINE MARKING |
| | PROPOSED TB1 LINE MARKING |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING E1 LINE MARKING TO REMAIN |
| | EXISTING S1 LINE MARKING TO REMAIN |
| | PROPOSED GUIDE POSTS |

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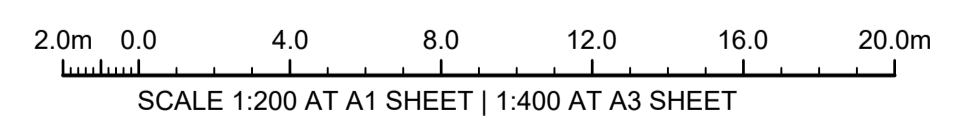
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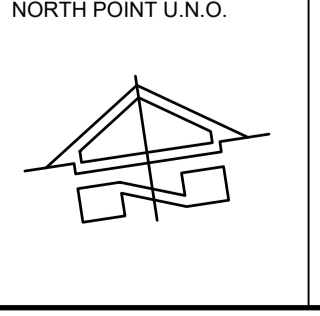
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CLIENT / LGF

Public Works
Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

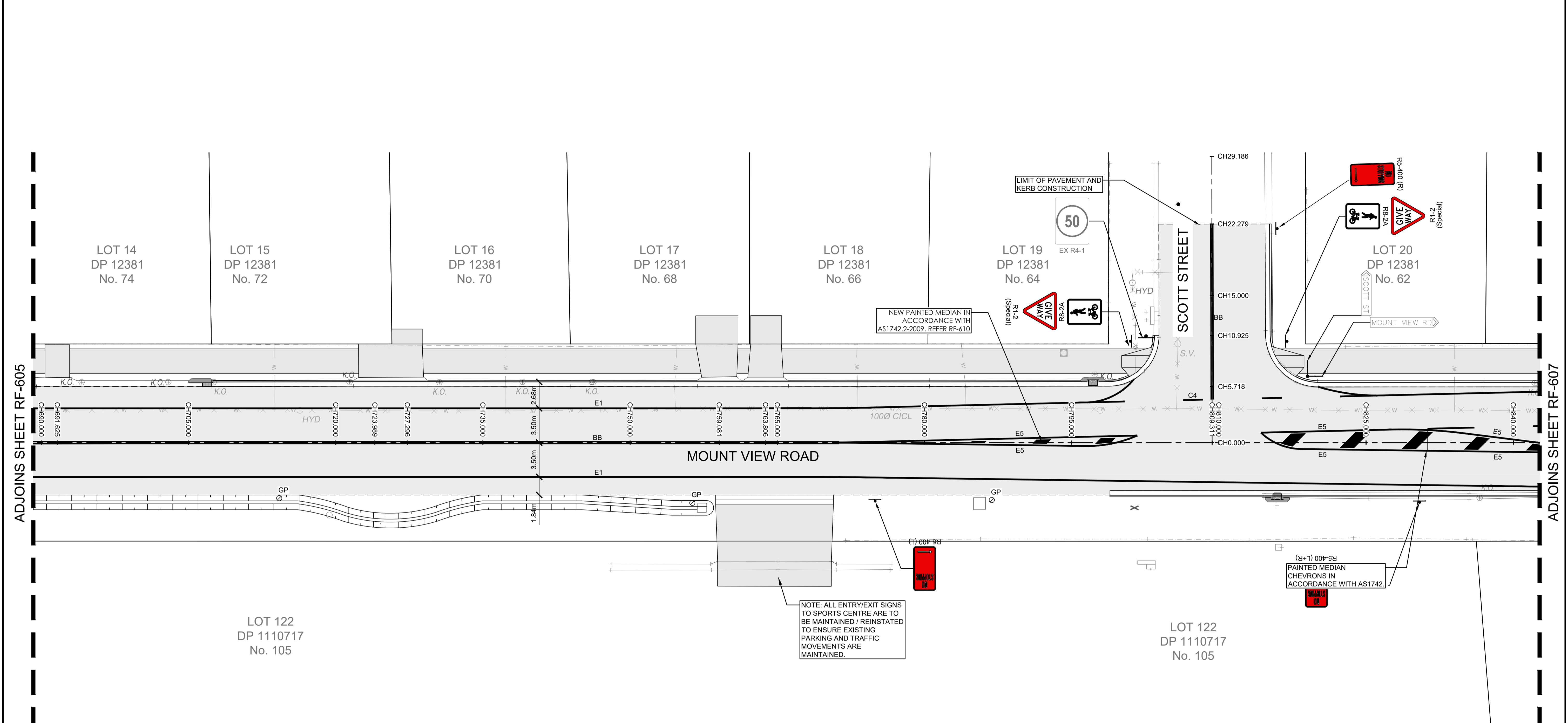


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 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

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DRAWING TITLE
ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 5 OF 7

PROJECT No. TX16685.00
 CODE / SHEET No. RF-605
 ISSUE 01



ADJOINS SHEET RF-605

ADJOINS SHEET RF-607

LEGEND

| | |
|--|------------------------------------|
| | EXISTING SIGNS |
| | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED E1 LINE MARKING |
| | PROPOSED E5 LINE MARKING |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED C1 LINE MARKING |
| | PROPOSED C4 LINE MARKING |
| | PROPOSED TB LINE MARKING |
| | PROPOSED TB1 LINE MARKING |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING E1 LINE MARKING TO REMAIN |
| | EXISTING S1 LINE MARKING TO REMAIN |
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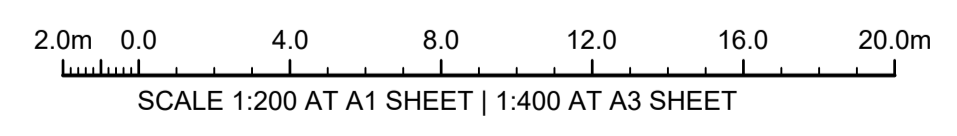
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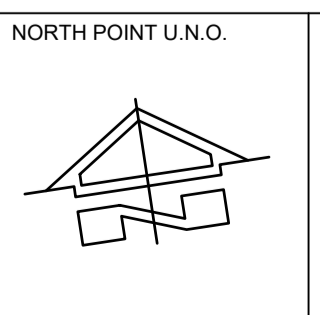
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PROJECT
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DESIGNED BW
DRAWN CW
DATE DEC 22
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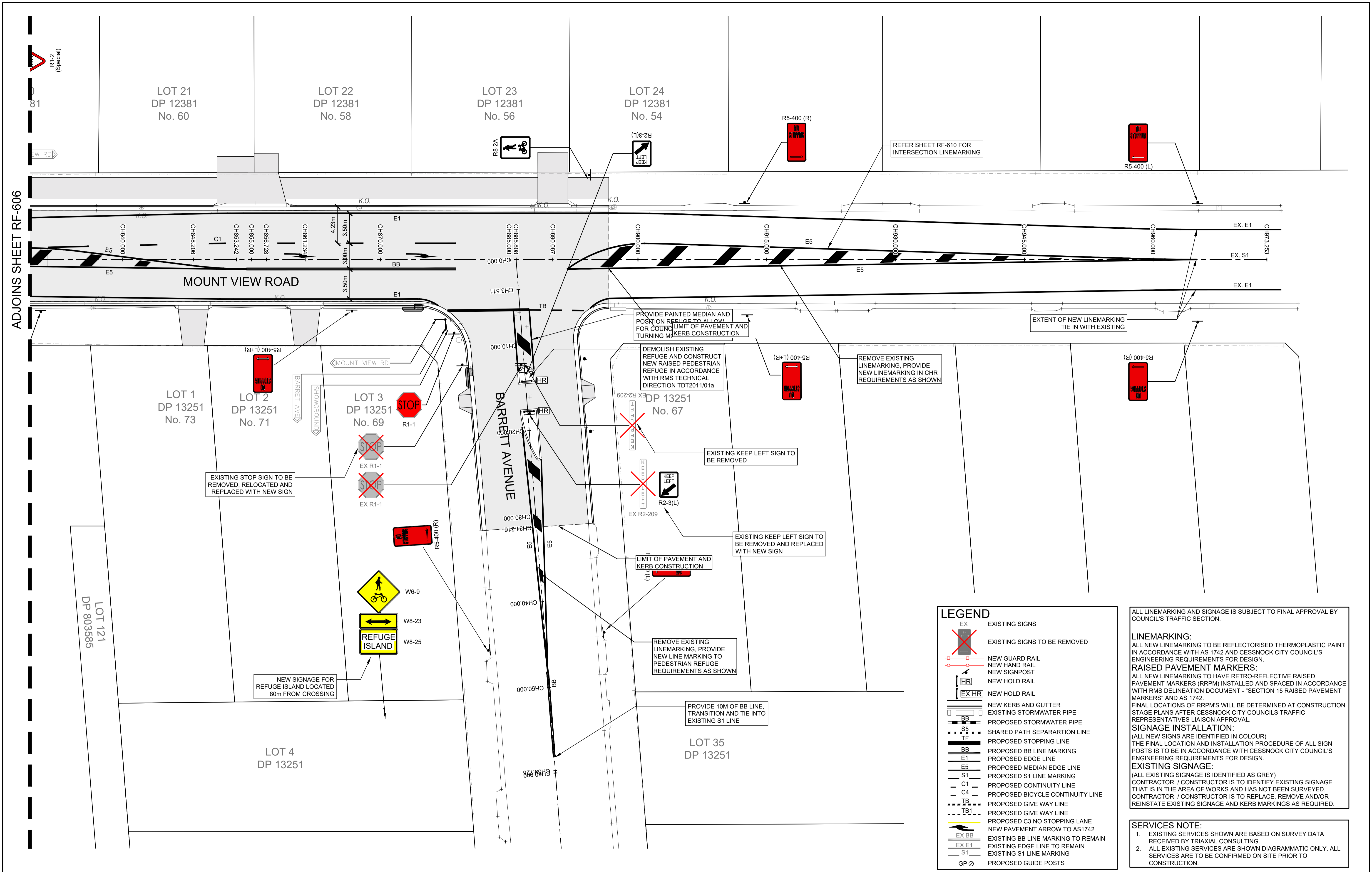


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TO BE PRINTED IN COLOUR

DRAWING TITLE
ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 6 OF 7

PROJECT No. **TX16685.00** | CODE / SHEET No. **RF-606** | ISSUE **01**



LEGEND

| | |
|---------------|------------------------------------|
| EX | EXISTING SIGNS |
| EX | EXISTING SIGNS TO BE REMOVED |
| | NEW GUARD RAIL |
| | NEW HAND RAIL |
| | NEW SIGNPOST |
| | NEW HOLD RAIL |
| | NEW HOLD RAIL |
| | NEW KERB AND GUTTER |
| | EXISTING STORMWATER PIPE |
| | PROPOSED STORMWATER PIPE |
| | SHARED PATH SEPARATION LINE |
| | PROPOSED STOPPING LINE |
| | PROPOSED BB LINE MARKING |
| | PROPOSED EDGE LINE |
| | PROPOSED MEDIAN EDGE LINE |
| | PROPOSED S1 LINE MARKING |
| | PROPOSED CONTINUITY LINE |
| | PROPOSED BICYCLE CONTINUITY LINE |
| | PROPOSED GIVE WAY LINE |
| | PROPOSED C3 NO STOPPING LANE |
| | NEW PAVEMENT ARROW TO AS1742 |
| | EXISTING BB LINE MARKING TO REMAIN |
| | EXISTING EDGE LINE TO REMAIN |
| | EXISTING S1 LINE MARKING |
| | PROPOSED GUIDE POSTS |

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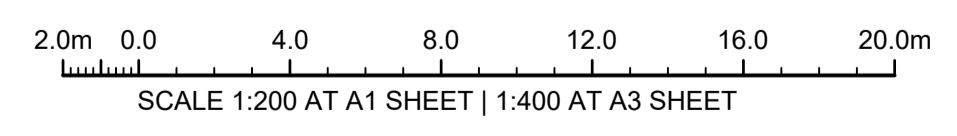
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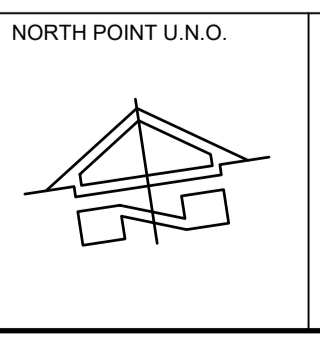
SERVICES NOTE:

- EXISTING SERVICES SHOWN ARE BASED ON SURVEY DATA RECEIVED BY TRIAXIAL CONSULTING.
- ALL EXISTING SERVICES ARE SHOWN DIAGRAMMATIC ONLY. ALL SERVICES ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION.



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

TRIAxIAL CONSULTING

1300 874 294 | TRIAXIAL.COM.AU

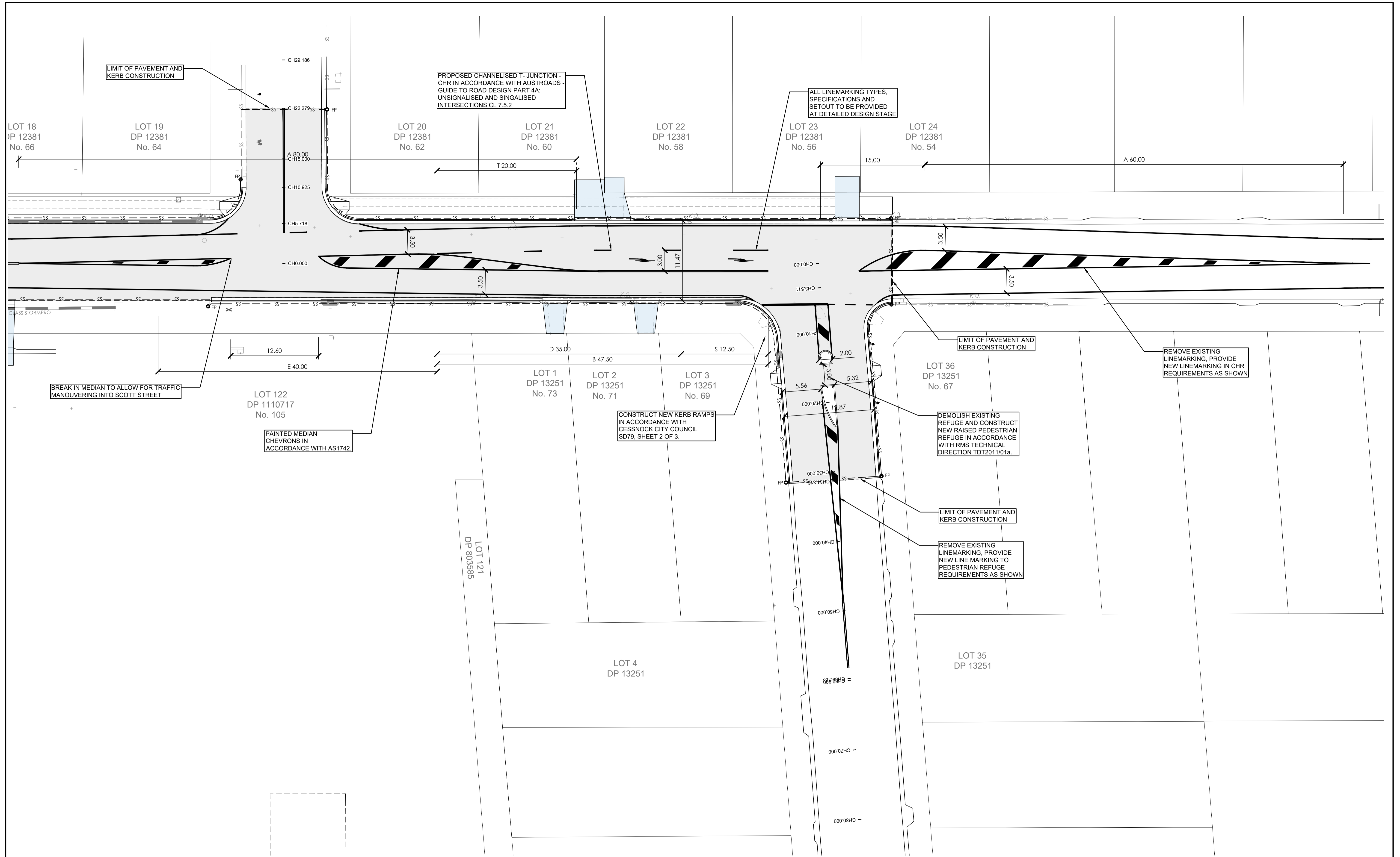
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

COMPLEX PROBLEMS
RESOLVED SIMPLY

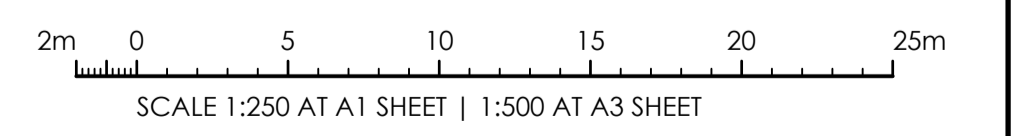
TO BE PRINTED IN COLOUR

DRAWING TITLE
ROADSIDE FURNITURE AND PAVEMENT MARKING PLAN
SHEET 7 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **RF-607** ISSUE **01**

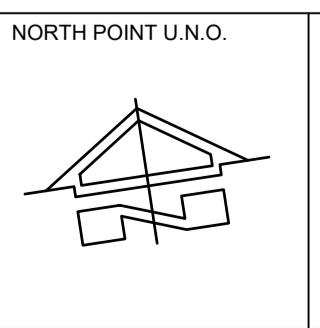


**MOUNT VIEW ROAD AND BARRETT AVENUE
INTERSECTION LINEMARKING SETOUT PLAN**
SCALE 1:250 AT A1



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

NSW GOVERNMENT
Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE 09/22 SIZE A1 CAD REF TX16685.00-RF-610

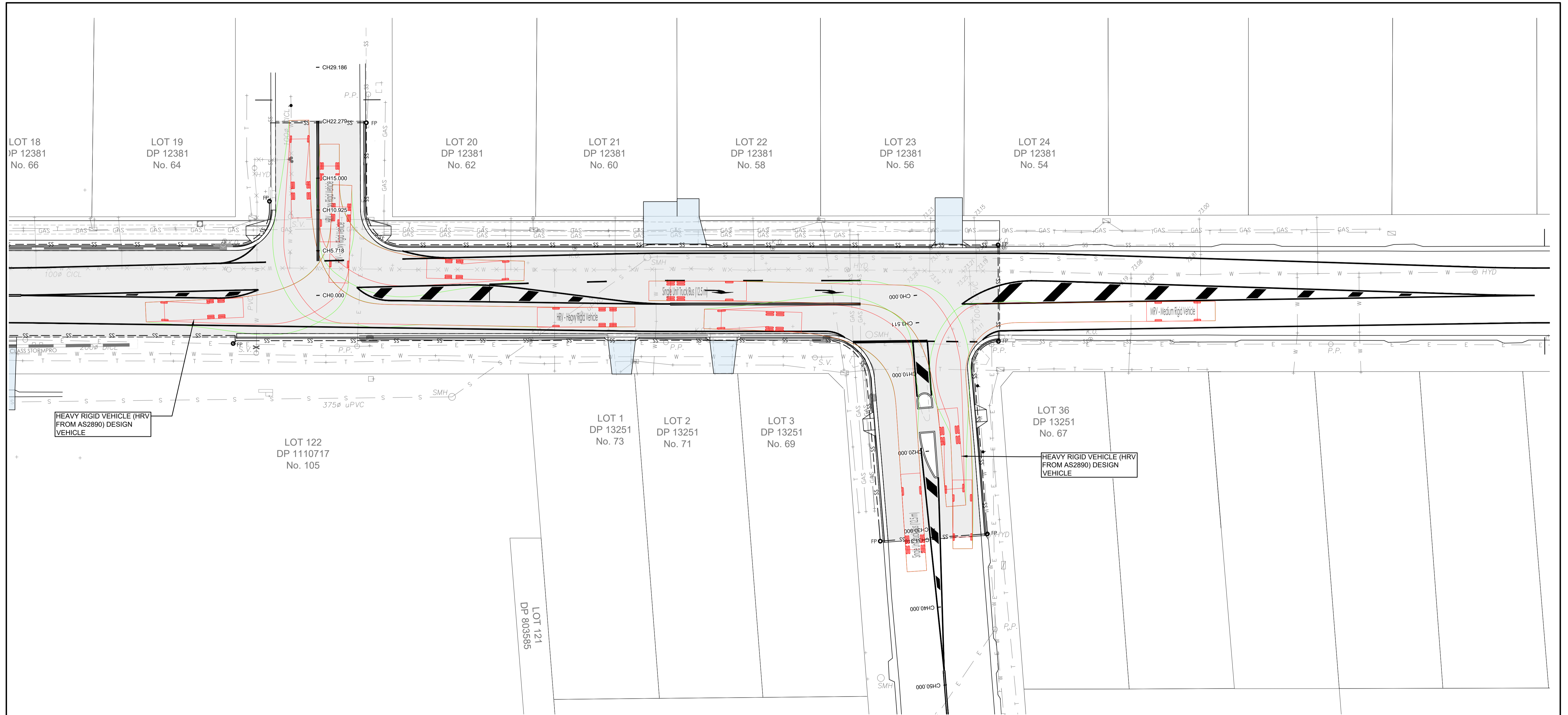


1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

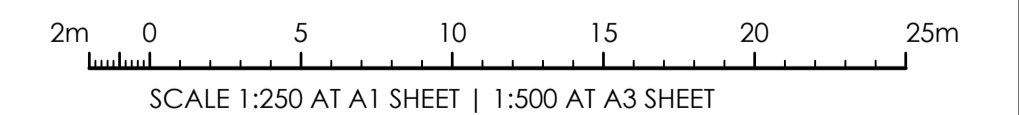
TO BE PRINTED IN COLOUR

DRAWING TITLE
**CHR LINEMARKING SETOUT PLAN AT
 INTERSECTION OF MOUNT VIEW ROAD
 AND BARRETT AVENUE**

PROJECT No. **TX16685.00** CODE / SHEET No. **RF-610** ISSUE **01**

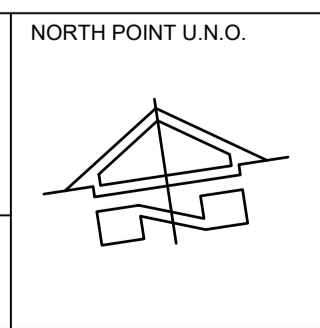


VEHICLE MANOURVERING PLAN
MOUNT VIEW ROAD AND BARRETT AVENUE
 SCALE 1:250 AT A1



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED **BW** DRAWN **CW** DATE **08/22** SIZE **A1** CAD REF **TX16685.00-RF-611**

TRIAxIAL CONSULTING

1300 874 294 | TRIAXIAL.COM.AU

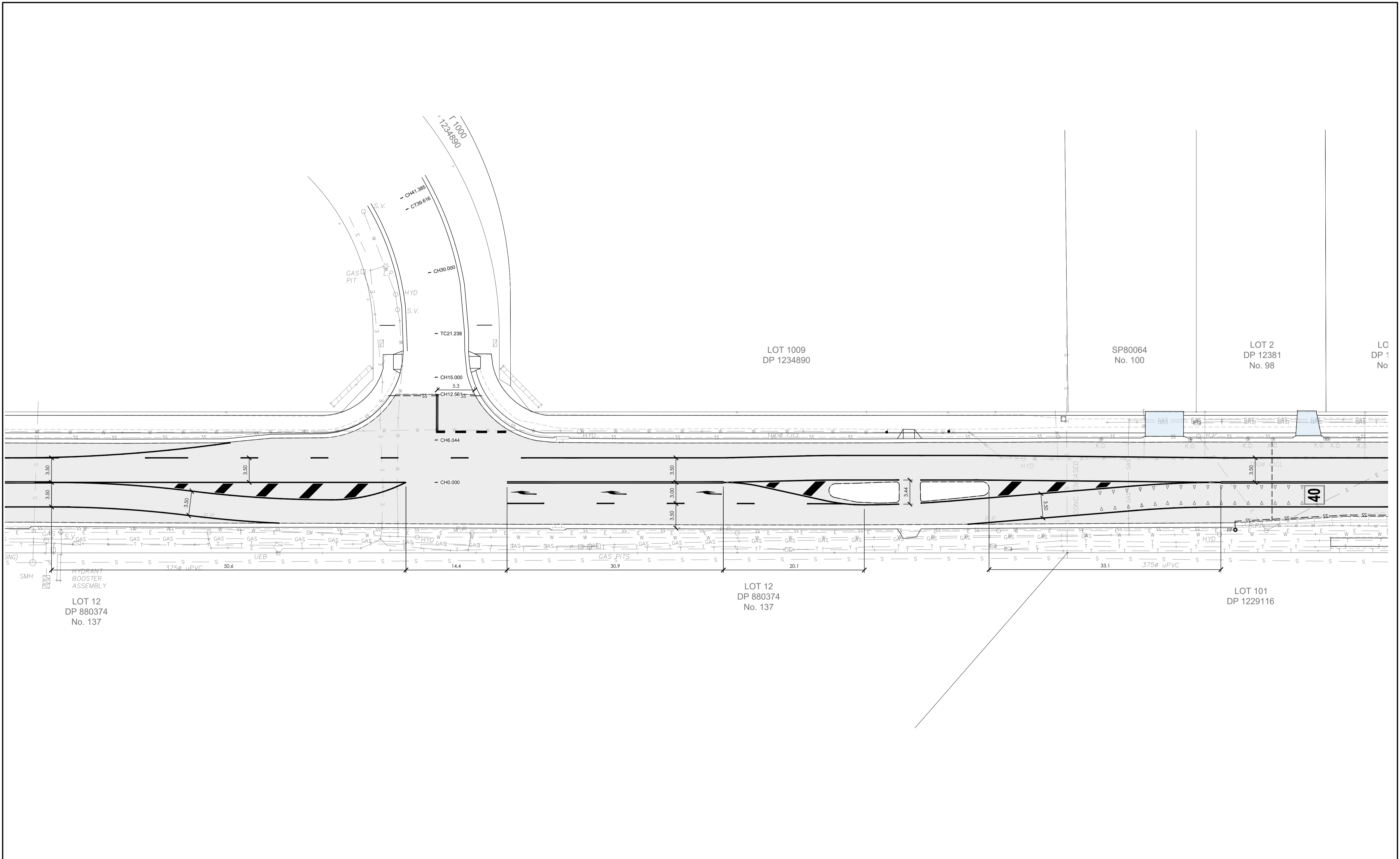
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

**COMPLEX PROBLEMS
 RESOLVED SIMPLY**

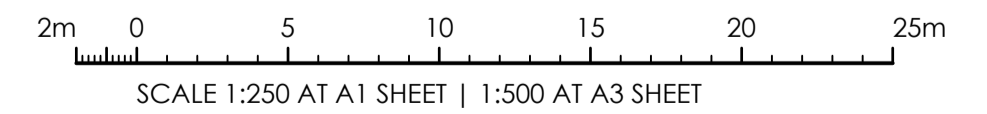
TO BE PRINTED IN COLOUR

DRAWING TITLE
VEHICLE SWEEP PATHS

PROJECT No. **TX16685.00** CODE / SHEET No. **RF-611** ISSUE **01**

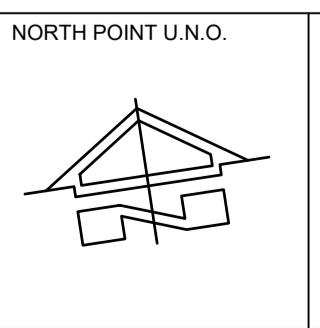


**MOUNT VIEW ROAD AND STONE BRIDGE
LINEMARKING SETOUT PLAN**
SCALE 1:250 AT A1



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE 09/22 SIZE A1 CAD REF TX16685.00-RF-612

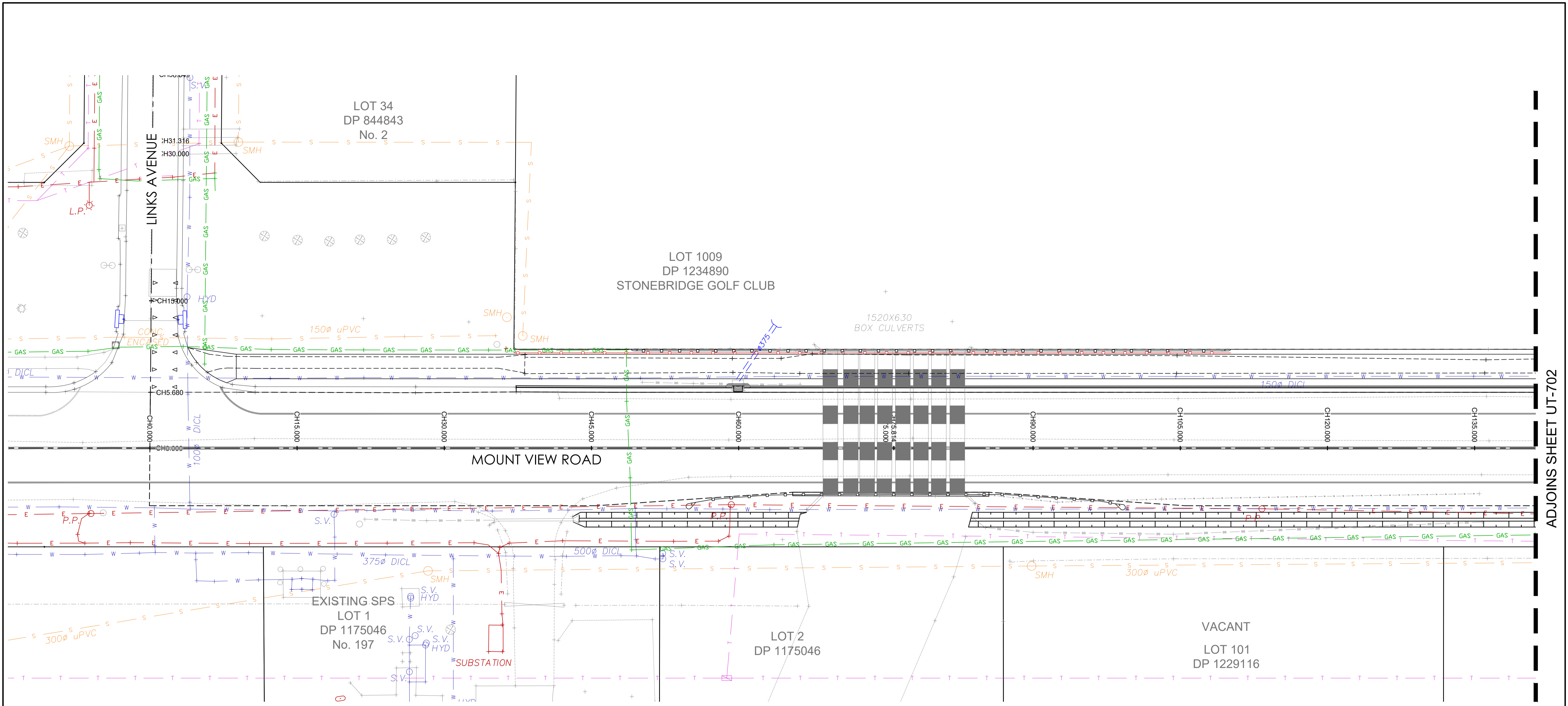


1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
**CHR LINEMARKING SETOUT PLAN AT
 INTERSECTION OF MOUNT VIEW ROAD
 AND STONEBRIDGE DRIVE**

PROJECT No. **TX16685.00** CODE / SHEET No. **RF-612** ISSUE **01**



ADJOINS SHEET UT-702

LEGEND - UTILITIES PLAN

| SYMBOL | DESCRIPTION |
|--------|--|
| | EXISTING BOTTOM OF BANK |
| | EXISTING TOP OF BANK |
| | EXISTING EDGE OF BITUMEN |
| | EXISTING FENCELINE |
| | EXISTING EXISTING CULVERT |
| | EXISTING EXISTING STORMWATER PIPE |
| | EXISTING STORMWATER KERB INLET PIT |
| | EXISTING STORMWATER PIT |
| | EXISTING KERB OUTLET |
| | EXISTING OVERHEAD POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER BOX |
| | EXISTING POWER POLE |
| | EXISTING SERVICE POLE |
| | EXISTING GASMAIN IN VICINITY |
| | EXISTING SEWER MANHOLE |
| | EXISTING SEWER RISING MAIN IN VICINITY |
| | EXISTING SEWERMAIN IN VICINITY |
| | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| | EXISTING TELSTRA MAIN IN VICINITY |
| | EXISTING TELSTRA PIT |
| | EXISTING TREE |
| | EXISTING EDGE OF VEGETATION |
| | EXISTING WATER METER |
| | EXISTING HYDRANT |
| | EXISTING STOP VALVE |
| | EXISTING WATERMAIN IN VICINITY |
| | EXISTING WATERMAIN TO BE ABANDONED |

NOTE:

- THIS IS AN ENGINEERING SURVEY PLAN AND SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA IF SHOWN, SHOULD BE TAKEN AS A GUIDE ONLY.
- REFER TO THE CERTIFICATE OF TITLE FOR EASEMENT DETAILS (IF ANY).

SURVEY:

- SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

UTILITIES LOCATING BY:

- UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
- UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
- REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:

GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

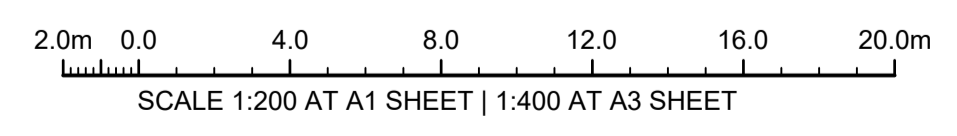
EXISTING UTILITY COVERS :

- CONTRACTOR TO ADJUST EXISTING UTILITIES MANHOLES, PITS AND VALVE COVERS TO SUIT NEW SURFACE LEVELS TYP. CONSULT COUNCIL PRIOR TO COMMENCING ANY UTILITIES WORKS. ALL WORKS TO BE DONE IN ACCORDANCE WITH SERVICE AUTHORITY'S REQUIREMENTS.

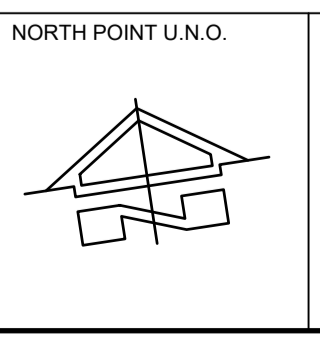
WATER MAIN RELOCATION:

- THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE WATERMAIN RELOCATION PLANS BY TRIAXIAL CONSULTING AND SUBMITTED TO HUNTER WATER CORPORATION (HWC) DRAWING REFERENCE TO BE CONFIRMED

NOTE:
ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP
Public Works
 Department of Regional NSW
 CONTRACT No RFT-10055031



PROJECT MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE **UTILITIES PLAN SHEET 1 OF 7**
 PROJECT No. **TX16685.00** CODE / SHEET No. **UT-701** ISSUE **01**

LOT 1009
DP 1234890
STONEBRIDGE GOLF CLUB

LOT 1000
DP 1234890
STONEBRIDGE GOLF CLUB

SP91103
No. 5
UNIT DEVELOPMENT

ADJOINS SHEET UT-701

ADJOINS SHEET UT-703

MOUNT VIEW ROAD

LOT 100
DP 1229116
No. 145
VACANT LAND

NOTE:
1. THIS IS AN ENGINEERING SURVEY PLAN AND SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA IF SHOWN, SHOULD BE TAKEN AS A GUIDE ONLY.
2. REFER TO THE CERTIFICATE OF TITLE FOR EASEMENT DETAILS (IF ANY).

SURVEY:
1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22
ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

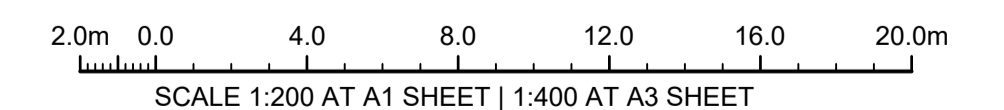
UTILITIES LOCATING BY:
1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
2. UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
3. REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:
GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

EXISTING UTILITY COVERS :
1. CONTRACTOR TO ADJUST EXISTING UTILITIES MANHOLES, PITS AND VALVE COVERS TO SUIT NEW SURFACE LEVELS TYP. CONSULT COUNCIL PRIOR TO COMMENCING ANY UTILITIES WORKS.
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WATER MAIN RELOCATION:
1. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE WATERMAIN RELOCATION PLANS BY TRIAXIAL CONSULTING AND SUBMITTED TO HUNTER WATER CORPORATION (HWC) DRAWING REFERENCE TO BE CONFIRMED

NOTE:
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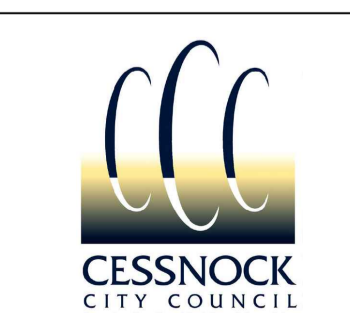
LEGEND - UTILITIES PLAN

| SYMBOL | DESCRIPTION |
|--------|--|
| BB | EXISTING BOTTOM OF BANK |
| TB | EXISTING TOP OF BANK |
| --- | EXISTING EDGE OF BITUMEN |
| / | EXISTING FENCELINE |
| --- | EXISTING EXISTING CULVERT |
| --- | EXISTING EXISTING STORMWATER PIPE |
| □ | EXISTING STORMWATER KERB INLET PIT |
| □ | EXISTING STORMWATER PIT |
| ○ | EXISTING KERB OUTLET |
| E | EXISTING OVERHEAD POWER IN VICINITY |
| UE | EXISTING UNDERGROUND POWER IN VICINITY |
| □ | EXISTING UNDERGROUND POWER BOX |
| ○ | EXISTING POWER POLE |
| ○ | EXISTING SERVICE POLE |
| --- | PROPOSED STORMWATER |
| --- | EXISTING GASMAIN IN VICINITY |
| ○ | EXISTING SEWER MANHOLE |
| --- | EXISTING SEWER RISING MAIN IN VICINITY |
| S | EXISTING SEWERMAIN IN VICINITY |
| FOM | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| T | EXISTING TELSTRA MAIN IN VICINITY |
| □ | EXISTING TELSTRA PIT |
| ○ | EXISTING TREE |
| --- | EXISTING EDGE OF VEGETATION |
| ○ | EXISTING WATER METER |
| ○ | EXISTING HYDRANT |
| ○ | EXISTING STOP VALVE |
| W | EXISTING WATERMAIN IN VICINITY |
| W | EXISTING WATERMAIN TO BE ABANDONED |

ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



NORTH POINT U.N.O.
CLIENT / LGP
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031

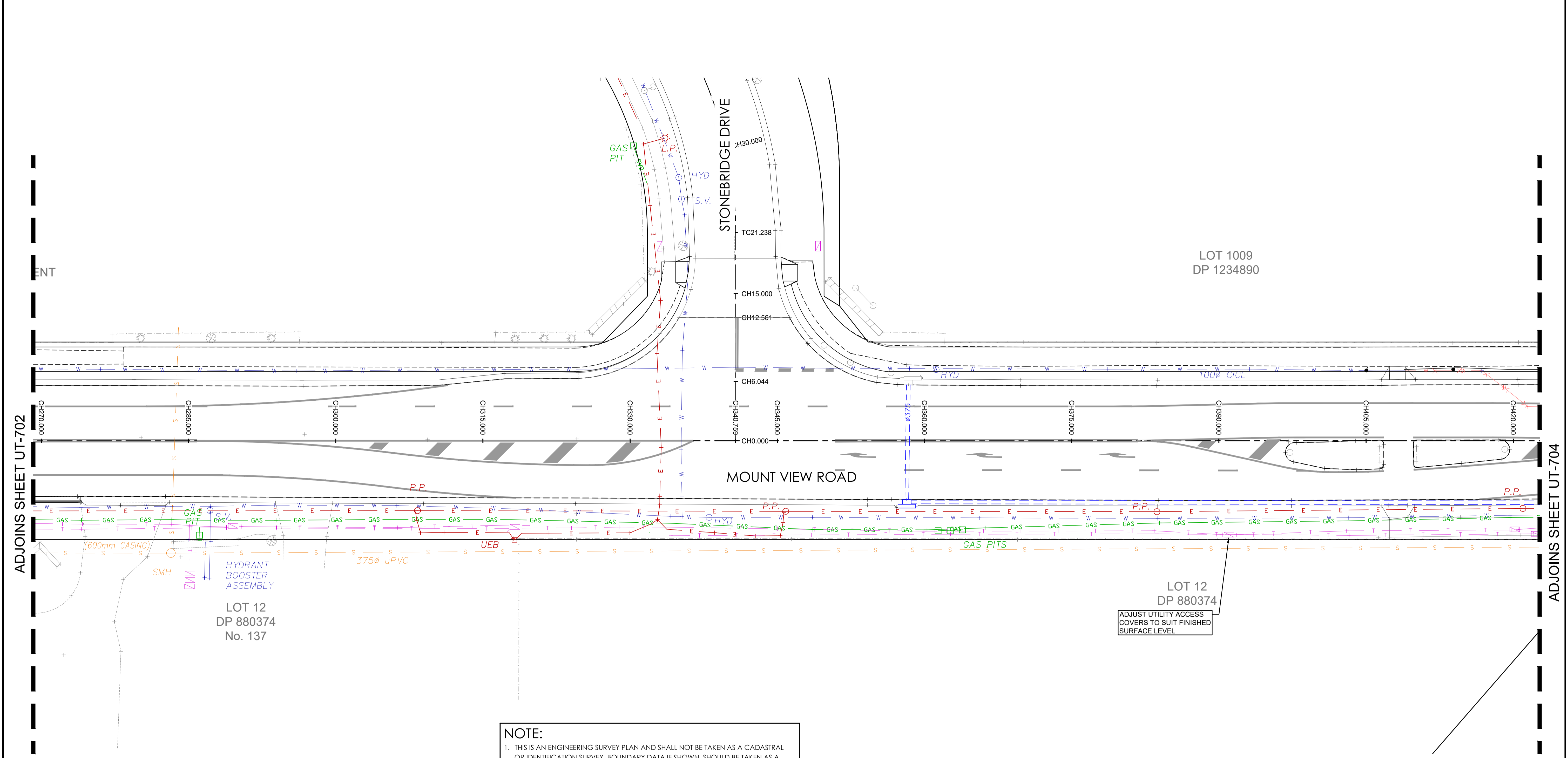


PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)
DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00



1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 2 OF 7
PROJECT No. TX16685.00
CODE / SHEET No. UT-702
ISSUE 01



LEGEND - UTILITIES PLAN

| SYMBOL | DESCRIPTION |
|--------|--|
| | EXISTING BOTTOM OF BANK |
| | EXISTING TOP OF BANK |
| | EXISTING EDGE OF BITUMEN |
| | EXISTING FENCELINE |
| | EXISTING EXISTING CULVERT |
| | EXISTING EXISTING STORMWATER PIPE |
| | EXISTING STORMWATER KERB INLET PIT |
| | EXISTING STORMWATER PIT |
| | EXISTING KERB OUTLET |
| | EXISTING OVERHEAD POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER BOX |
| | EXISTING POWER POLE |
| | EXISTING SERVICE POLE |
| | EXISTING GASMAIN IN VICINITY |
| | EXISTING SEWER MANHOLE |
| | EXISTING SEWER RISING MAIN IN VICINITY |
| | EXISTING SEWERMAIN IN VICINITY |
| | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| | EXISTING TELSTRA MAIN IN VICINITY |
| | EXISTING TELSTRA PIT |
| | EXISTING TREE |
| | EXISTING EDGE OF VEGETATION |
| | EXISTING WATER METER |
| | EXISTING HYDRANT |
| | EXISTING STOP VALVE |
| | EXISTING WATERMAIN IN VICINITY |
| | EXISTING WATERMAIN TO BE ABANDONED |

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SURVEY:
 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22
 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

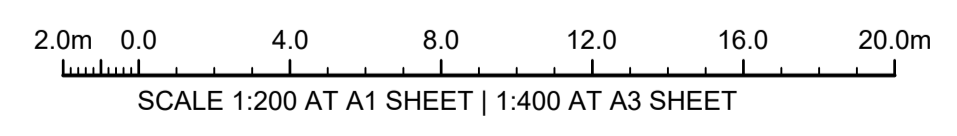
UTILITIES LOCATING BY:
 1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
 2. UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
 3. REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

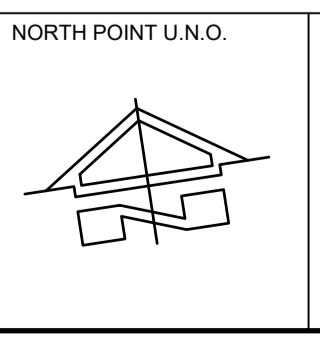
EXISTING UTILITY COVERS :
 1. CONTRACTOR TO ADJUST EXISTING UTILITIES MANHOLES, PITS AND VALVE COVERS TO SUIT NEW SURFACE LEVELS TYP. CONSULT COUNCIL PRIOR TO COMMENCING ANY UTILITIES WORKS.
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 CONTRACT No RFT-10055031

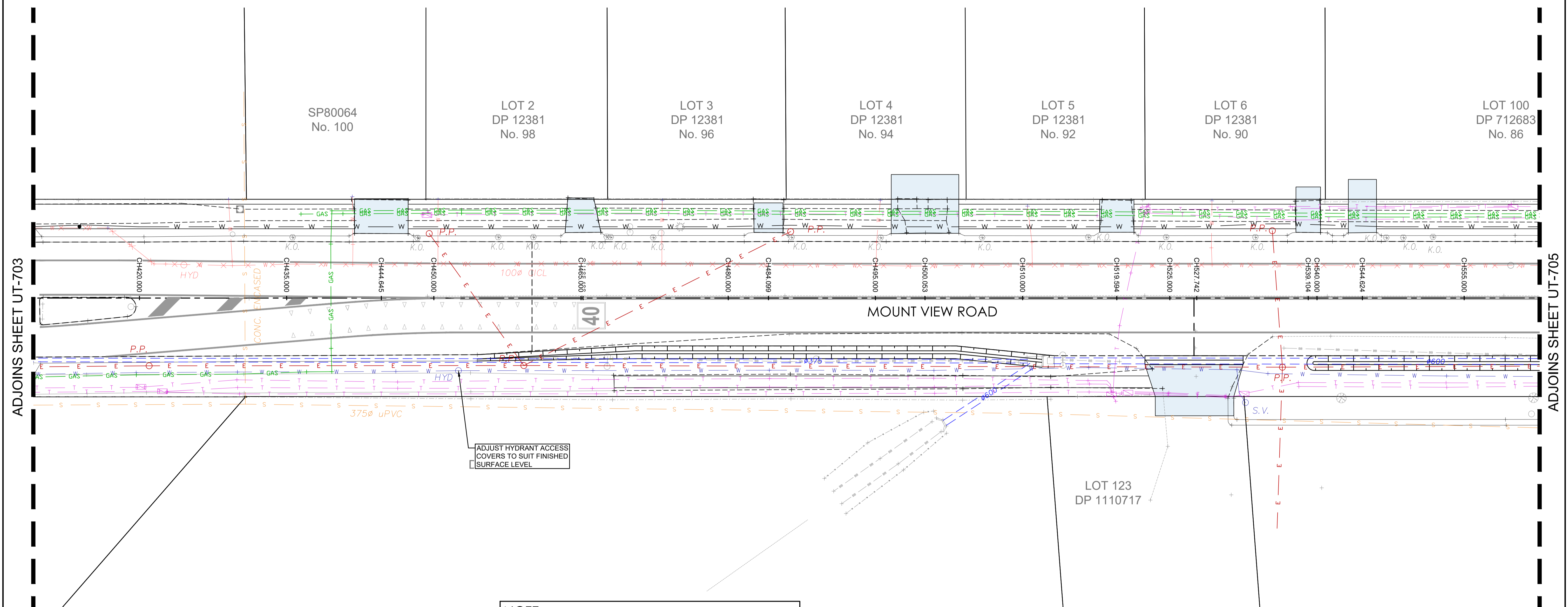


PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 3 OF 7
 PROJECT No. **TX16685.00** CODE / SHEET No. **UT-703** ISSUE **01**



ADJOINS SHEET UT-703

ADJOINS SHEET UT-705

| LEGEND - UTILITIES PLAN | |
|-------------------------|--|
| SYMBOL | DESCRIPTION |
| BB | EXISTING BOTTOM OF BANK |
| TB | EXISTING TOP OF BANK |
| --- | EXISTING EDGE OF BITUMEN |
| - / - | EXISTING FENCELINE |
| --- | EXISTING EXISTING CULVERT |
| □ | EXISTING EXISTING STORMWATER PIPE |
| □ | EXISTING STORMWATER KERB INLET PIT |
| □ | EXISTING STORMWATER PIT |
| □ | EXISTING KERB OUTLET |
| E | EXISTING OVERHEAD POWER IN VICINITY |
| UE | EXISTING UNDERGROUND POWER IN VICINITY |
| □ | EXISTING UNDERGROUND POWER BOX |
| □ | EXISTING POWER POLE |
| ○ | EXISTING SERVICE POLE |
| --- | EXISTING GASMAIN IN VICINITY |
| ○ | EXISTING SEWER MANHOLE |
| --- | EXISTING SEWER RISING MAIN IN VICINITY |
| S | EXISTING SEWERMAIN IN VICINITY |
| FOM | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| T | EXISTING TELSTRA MAIN IN VICINITY |
| □ | EXISTING TELSTRA PIT |
| ○ | EXISTING TREE |
| --- | EXISTING EDGE OF VEGETATION |
| ○ | EXISTING WATER METER |
| ○ | EXISTING HYDRANT |
| ○ | EXISTING STOP VALVE |
| W | EXISTING WATERMAIN IN VICINITY |
| Wk | EXISTING WATERMAIN TO BE ABANDONED |

NOTE:
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 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22
 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
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| 18631 | | | 72.9500 |
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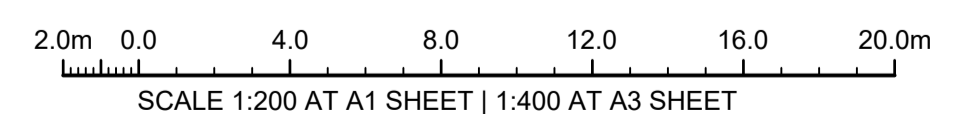
UTILITIES LOCATING BY:
 1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
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 3. REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

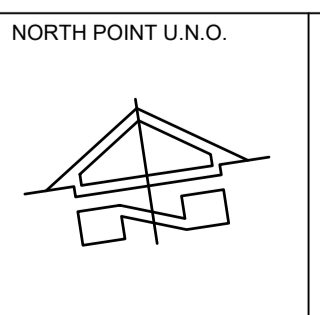
EXISTING UTILITY COVERS :
 1. CONTRACTOR TO ADJUST EXISTING UTILITIES MANHOLES, PITS AND VALVE COVERS TO SUIT NEW SURFACE LEVELS TYP. CONSULT COUNCIL PRIOR TO COMMENCING ANY UTILITIES WORKS. ALL WORKS TO BE DONE IN ACCORDANCE WITH SERVICE AUTHORITY'S REQUIREMENTS.
 2.

WATER MAIN RELOCATION:
 1. THESE PLANS ARE TO BE READ IN CONJUNCTION WITH THE WATERMAIN RELOCATION PLANS BY TRIAXIAL CONSULTING AND SUBMITTED TO HUNTER WATER CORPORATION (HWC) DRAWING REFERENCE TO BE CONFIRMED

NOTE:
 ALL UTILITIES ARE TO BE ACCURATELY LOCATED BY CONTRACTOR BEFORE CONSTRUCTION.



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



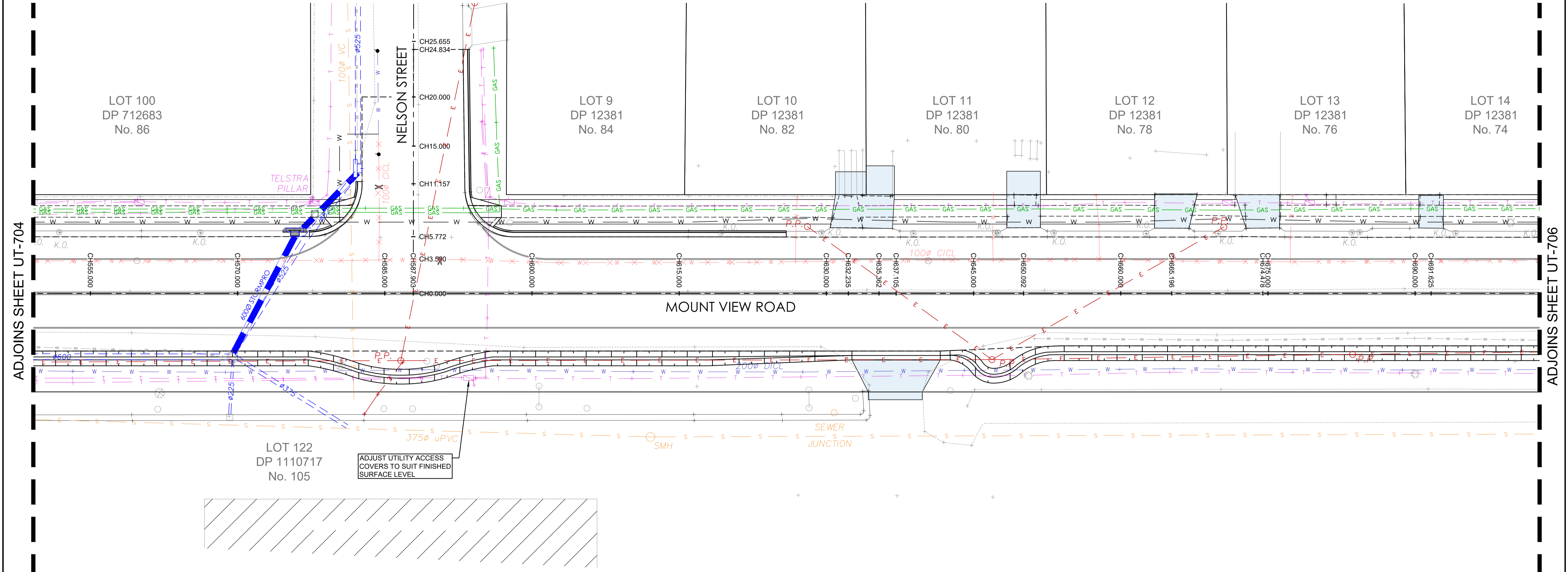
NORTH POINT U.N.O. CLIENT / LGP
Public Works
 Department of Regional NSW
CESSNOCK CITY COUNCIL
 CONTRACT No RFT-10055031

PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -

TRIAxIAL CONSULTING
 COMPLEX PROBLEMS RESOLVED SIMPLY

1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 4 OF 7
 PROJECT No. **TX16685.00** UT-704 ISSUE **01**



ADJOINS SHEET UT-704

ADJOINS SHEET UT-706

| LEGEND - UTILITIES PLAN | |
|-------------------------|--|
| SYMBOL | DESCRIPTION |
| | EXISTING BOTTOM OF BANK |
| | EXISTING TOP OF BANK |
| | EXISTING EDGE OF BITUMEN |
| | EXISTING FENCELINE |
| | EXISTING EXISTING CULVERT |
| | EXISTING EXISTING STORMWATER PIPE |
| | EXISTING STORMWATER KERB INLET PIT |
| | EXISTING STORMWATER PIT |
| | EXISTING KERB OUTLET |
| | EXISTING OVERHEAD POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER BOX |
| | EXISTING POWER POLE |
| | EXISTING SERVICE POLE |
| | PROPOSED STORMWATER |
| | EXISTING GASMAIN IN VICINITY |
| | EXISTING SEWER MANHOLE |
| | EXISTING SEWER RISING MAIN IN VICINITY |
| | EXISTING SEWERMAIN IN VICINITY |
| | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| | EXISTING TELSTRA MAIN IN VICINITY |
| | EXISTING TELSTRA PIT |
| | EXISTING TREE |
| | EXISTING EDGE OF VEGETATION |
| | EXISTING WATER METER |
| | EXISTING HYDRANT |
| | EXISTING STOP VALVE |
| | EXISTING WATERMAIN IN VICINITY |
| | EXISTING WATERMAIN TO BE ABANDONED |

NOTE:
 1. THIS IS AN ENGINEERING SURVEY PLAN AND SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA IF SHOWN, SHOULD BE TAKEN AS A GUIDE ONLY.
 2. REFER TO THE CERTIFICATE OF TITLE FOR EASEMENT DETAILS (IF ANY).

SURVEY:
 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117.MOU DATED: 30.11.22
 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

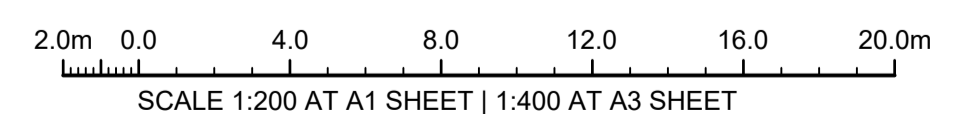
UTILITIES LOCATING BY:
 1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
 2. UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
 3. REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

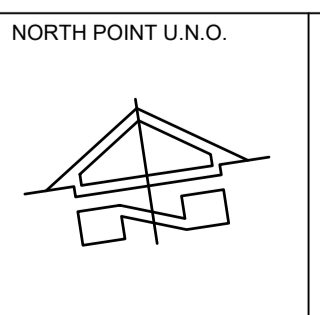
EXISTING UTILITY COVERS :
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WATER MAIN RELOCATION:
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NOTE:
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ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP
Public Works
 Department of Regional NSW
 CONTRACT No RFT-10055031

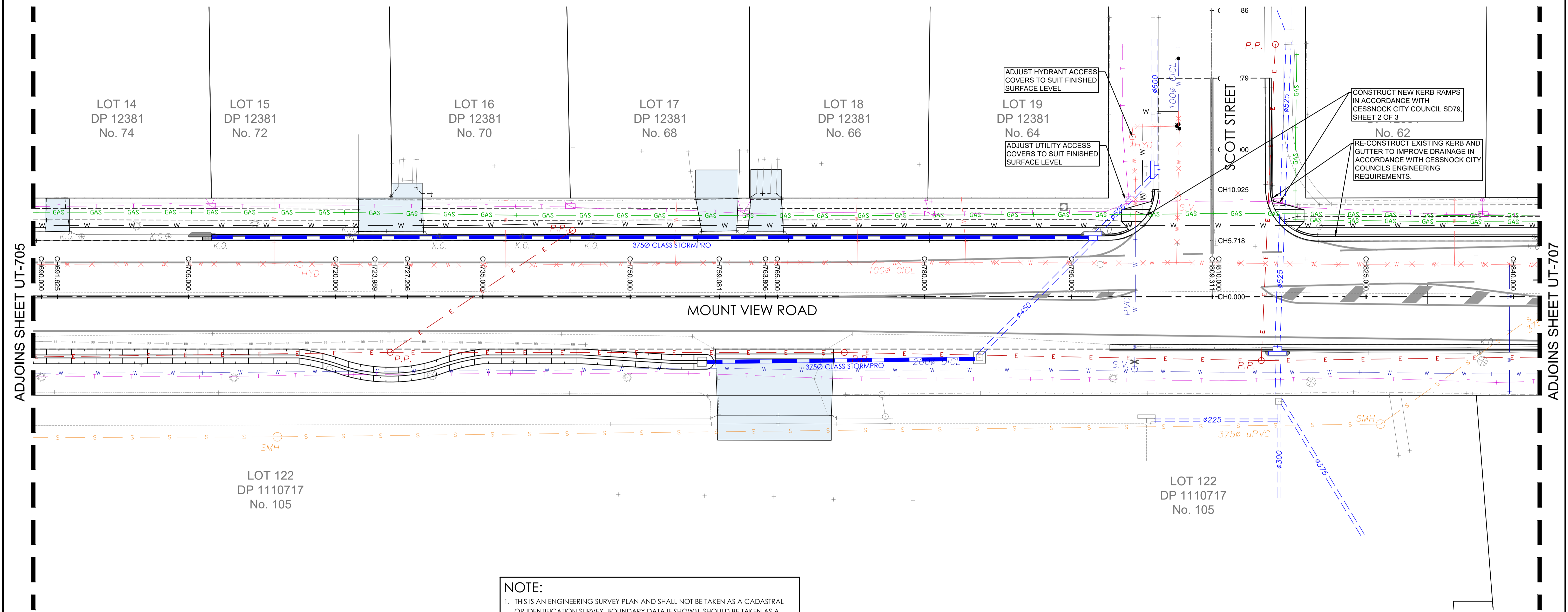


PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 5 OF 7
 PROJECT No. **TX16685.00** UT-705 ISSUE **01**



ADJOINS SHEET UT-705

ADJOINS SHEET UT-707

| LEGEND - UTILITIES PLAN | |
|-------------------------|--|
| SYMBOL | DESCRIPTION |
| | EXISTING BOTTOM OF BANK |
| | EXISTING TOP OF BANK |
| | EXISTING EDGE OF BITUMEN |
| | EXISTING FENCELINE |
| | EXISTING EXISTING CULVERT |
| | EXISTING EXISTING STORMWATER PIPE |
| | EXISTING STORMWATER KERB INLET PIT |
| | EXISTING STORMWATER PIT |
| | EXISTING KERB OUTLET |
| | EXISTING OVERHEAD POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER IN VICINITY |
| | EXISTING UNDERGROUND POWER BOX |
| | EXISTING POWER POLE |
| | EXISTING SERVICE POLE |
| | PROPOSED STORMWATER |
| | EXISTING GASMAIN IN VICINITY |
| | EXISTING SEWER MANHOLE |
| | EXISTING SEWER RISING MAIN IN VICINITY |
| | EXISTING SEWERMAIN IN VICINITY |
| | EXISTING FIBRE OPTIC MAIN IN VICINITY |
| | EXISTING TELSTRA MAIN IN VICINITY |
| | EXISTING TELSTRA PIT |
| | EXISTING TREE |
| | EXISTING EDGE OF VEGETATION |
| | EXISTING WATER METER |
| | EXISTING HYDRANT |
| | EXISTING STOP VALVE |
| | EXISTING WATERMAIN IN VICINITY |
| | EXISTING WATERMAIN TO BE ABANDONED |

NOTE:
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SURVEY:
 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22
 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

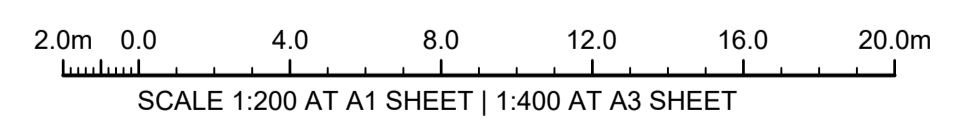
UTILITIES LOCATING BY:
 1. UTILITIES LOCATING BY: SURE SEARCH REF: 85756 DATED: 25.11.22
 2. UTILITIES HAVE BEEN ELECTRONICALLY LOCATED AND THE WATERMAIN HAS BEEN PHYSICALLY LOCATED AT CRITICAL LOCATIONS. REFER TO SURE SEARCH DOCUMENTATION
 3. REFER TO 'UT' UTILITIES PLAN

GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

EXISTING UTILITY COVERS :
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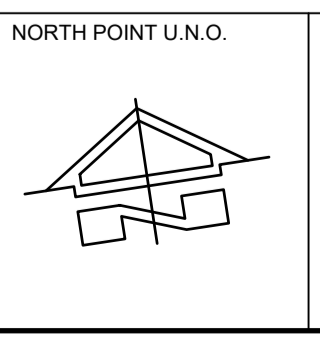
WATER MAIN RELOCATION:
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 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
 Department of Regional NSW

CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



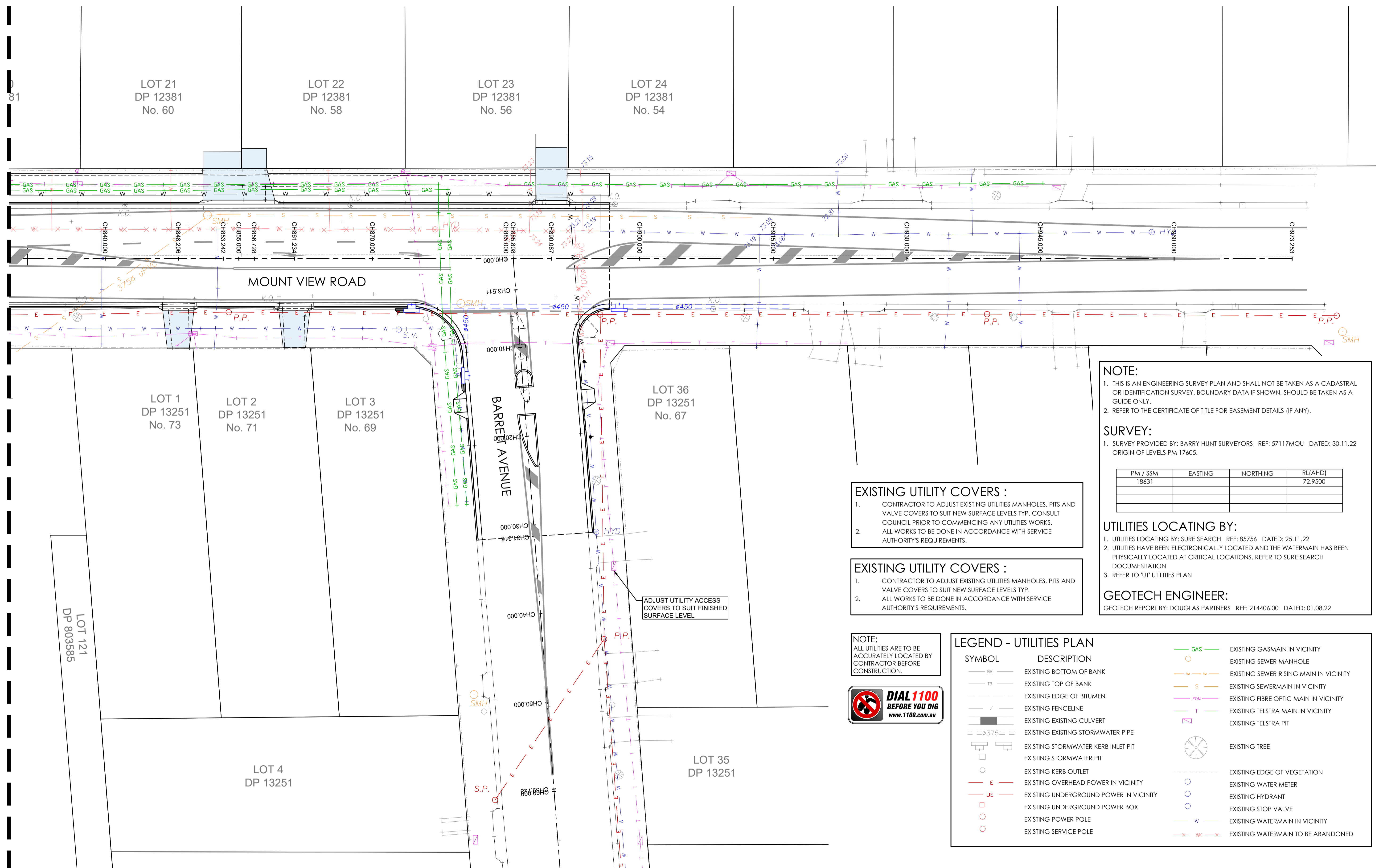
1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 6 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **UT-706** ISSUE **01**

ADJOINS SHEET UT-706



NOTE:
 1. THIS IS AN ENGINEERING SURVEY PLAN AND SHALL NOT BE TAKEN AS A CADASTRAL OR IDENTIFICATION SURVEY. BOUNDARY DATA IF SHOWN, SHOULD BE TAKEN AS A GUIDE ONLY.
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SURVEY:
 1. SURVEY PROVIDED BY: BARRY HUNT SURVEYORS REF: 57117MOU DATED: 30.11.22
 ORIGIN OF LEVELS PM 17605.

| PM / SSM | EASTING | NORTHING | RL(AHD) |
|----------|---------|----------|---------|
| 18631 | | | 72.9500 |
| | | | |
| | | | |

UTILITIES LOCATING BY:
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GEOTECH ENGINEER:
 GEOTECH REPORT BY: DOUGLAS PARTNERS REF: 214406.00 DATED: 01.08.22

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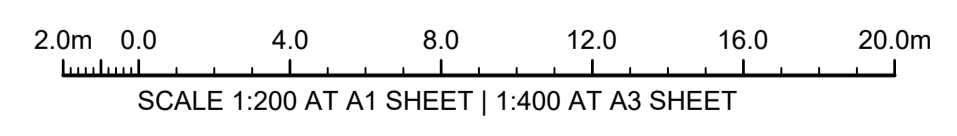
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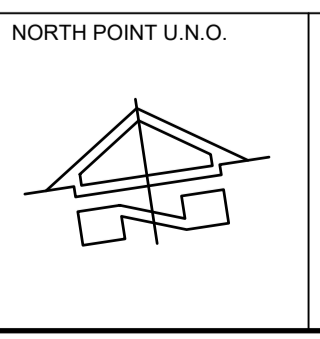
LEGEND - UTILITIES PLAN

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---------|--|--------|--|
| — GAS — | EXISTING GASMAIN IN VICINITY | ○ | EXISTING SEWER MANHOLE |
| — W — | EXISTING WATERMAIN IN VICINITY | — | EXISTING SEWER RISING MAIN IN VICINITY |
| — S — | EXISTING SEWER MAIN IN VICINITY | — | EXISTING SEWERMAIN IN VICINITY |
| — FOW — | EXISTING FIBRE OPTIC MAIN IN VICINITY | — | EXISTING TELSTRA MAIN IN VICINITY |
| — T — | EXISTING TELSTRA MAIN IN VICINITY | □ | EXISTING TELSTRA PIT |
| — | EXISTING EXISTING STORMWATER PIPE | ○ | EXISTING TREE |
| — | EXISTING STORMWATER KERB INLET PIT | — | EXISTING EDGE OF VEGETATION |
| — | EXISTING STORMWATER PIT | ○ | EXISTING WATER METER |
| — | EXISTING KERB OUTLET | ○ | EXISTING HYDRANT |
| — E — | EXISTING OVERHEAD POWER IN VICINITY | ○ | EXISTING STOP VALVE |
| — UE — | EXISTING UNDERGROUND POWER IN VICINITY | — | EXISTING WATERMAIN IN VICINITY |
| □ | EXISTING UNDERGROUND POWER BOX | — WK — | EXISTING WATERMAIN TO BE ABANDONED |
| ○ | EXISTING POWER POLE | | |
| ○ | EXISTING SERVICE POLE | | |



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

NSW GOVERNMENT
Public Works
 Department of Regional NSW

CESSNOCK CITY COUNCIL

CONTRACT No RFT-10055031

PROJECT
 MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



1300 874 294 | TRIAXIAL.COM.AU
 UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
 PO BOX 3197, TUGGERAH NSW 2259

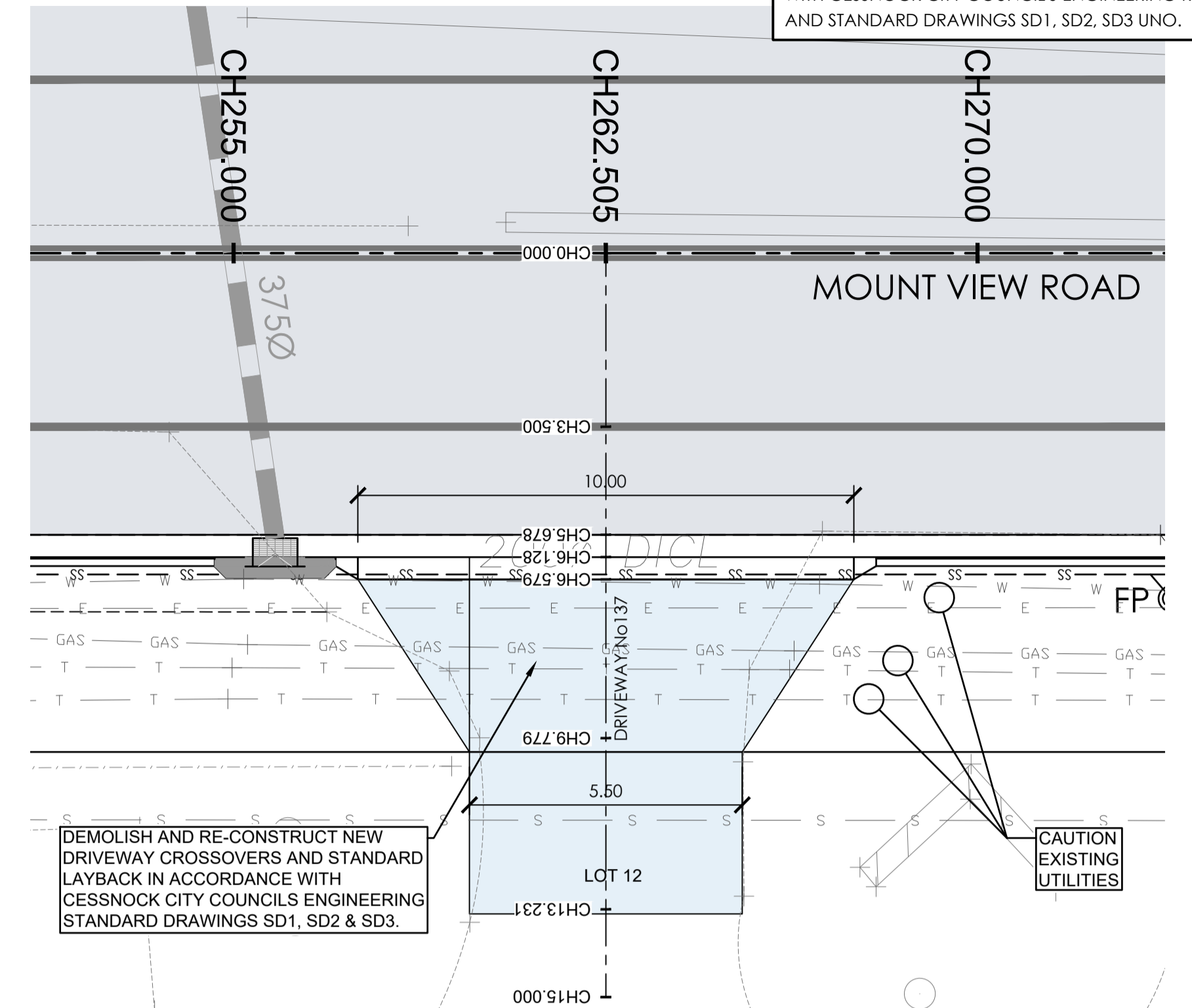
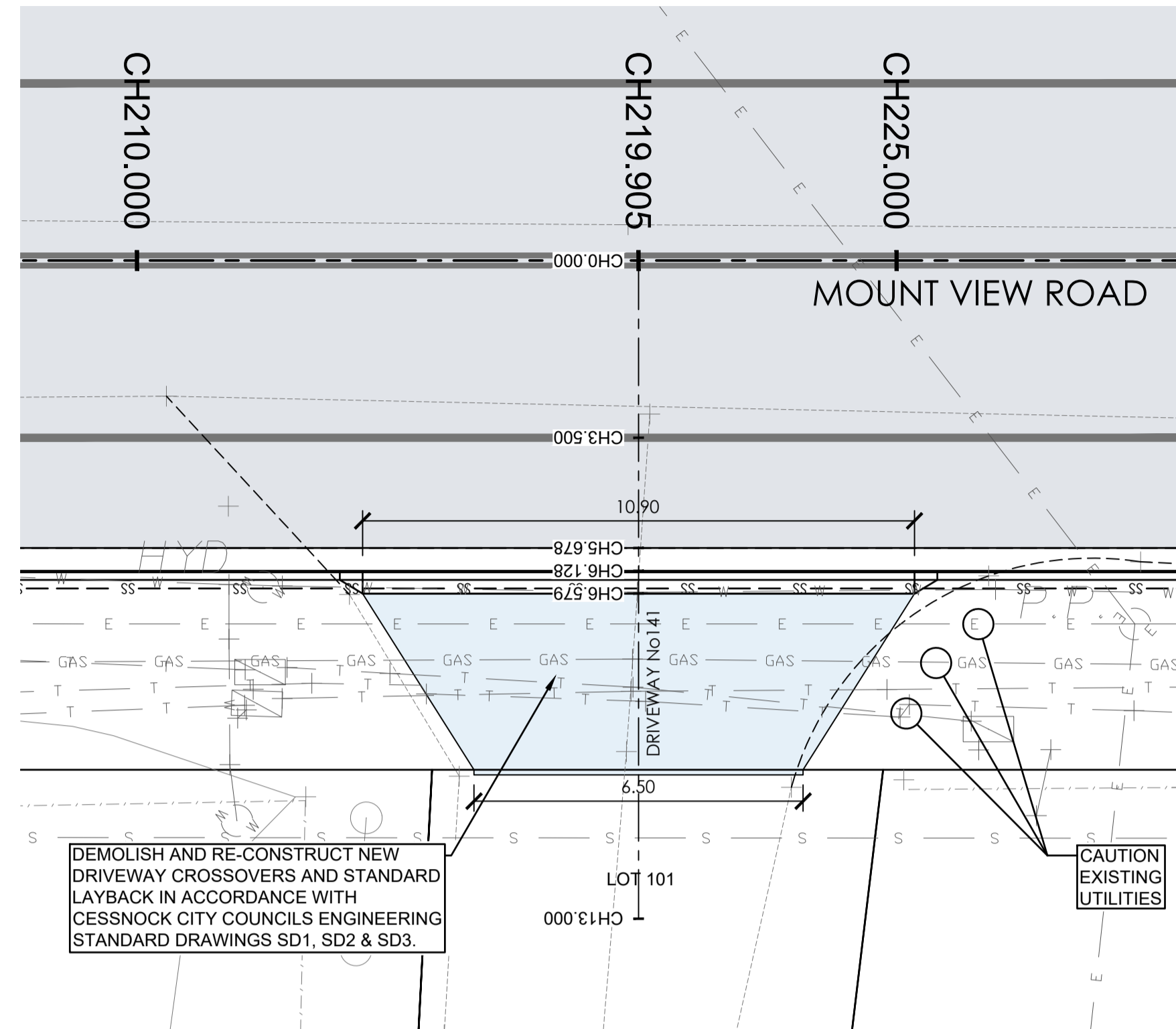
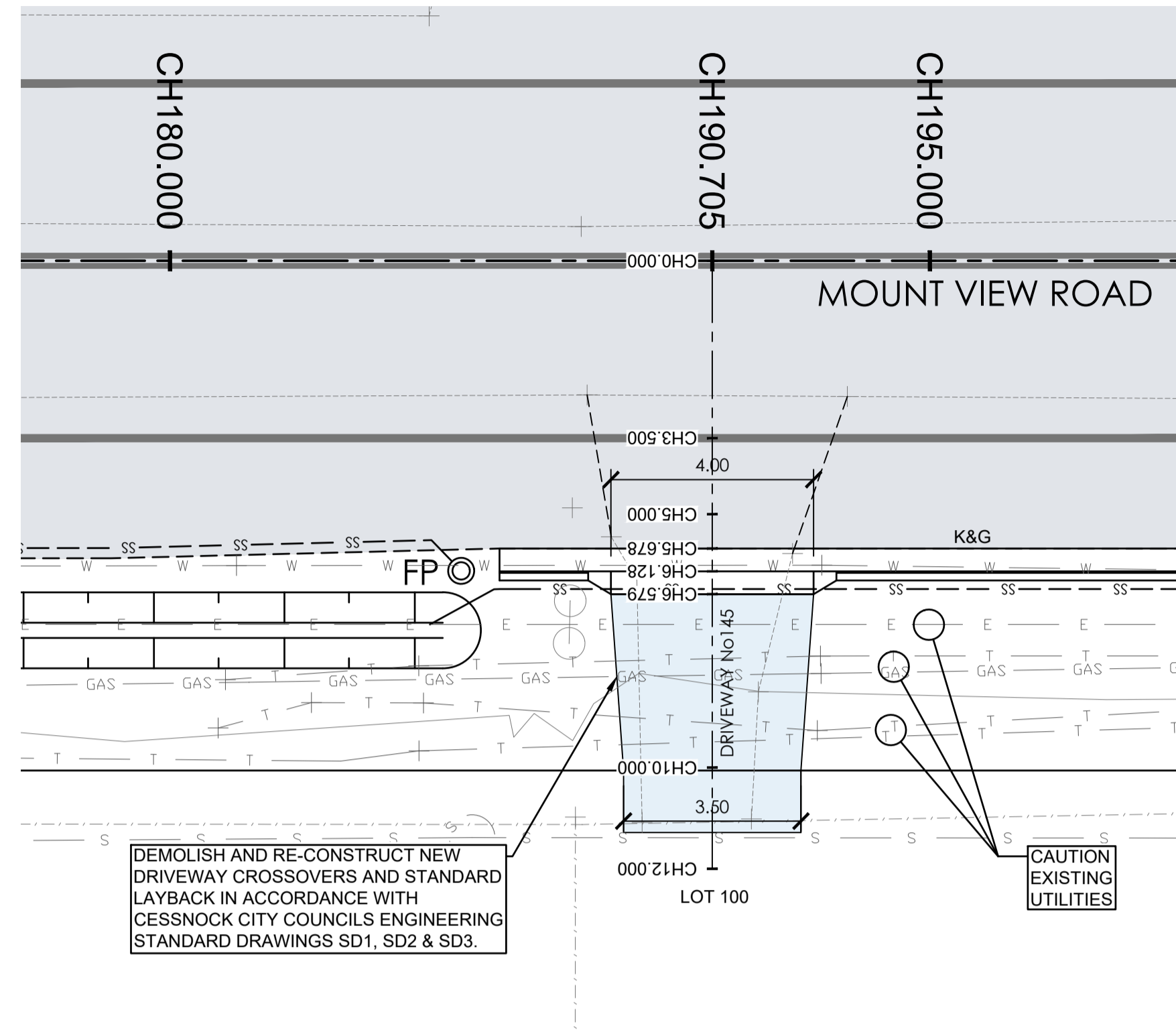
TO BE PRINTED IN COLOUR

DRAWING TITLE
UTILITIES PLAN SHEET 7 OF 7

PROJECT No. **TX16685.00** CODE / SHEET No. **UT-707** ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

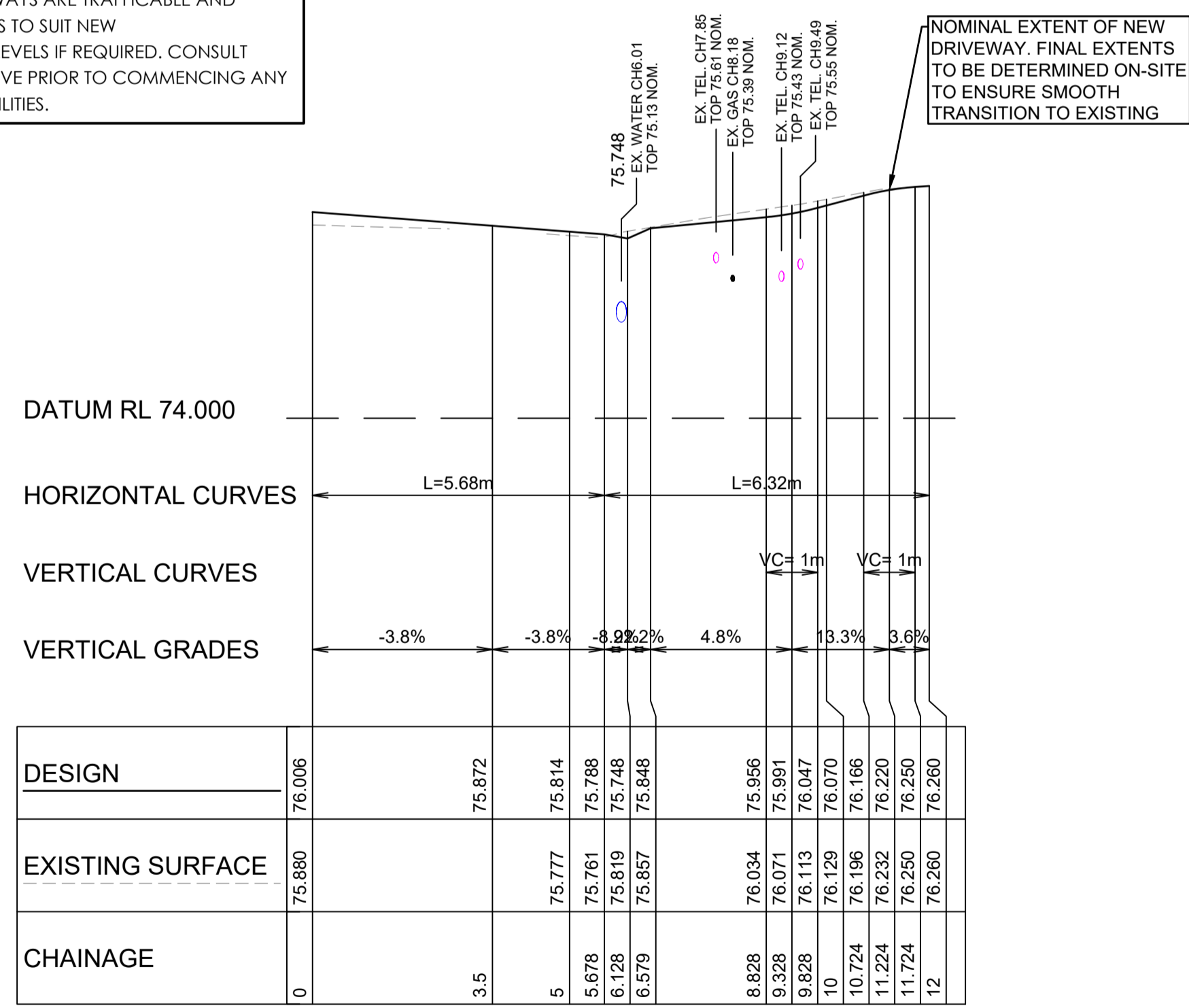


CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

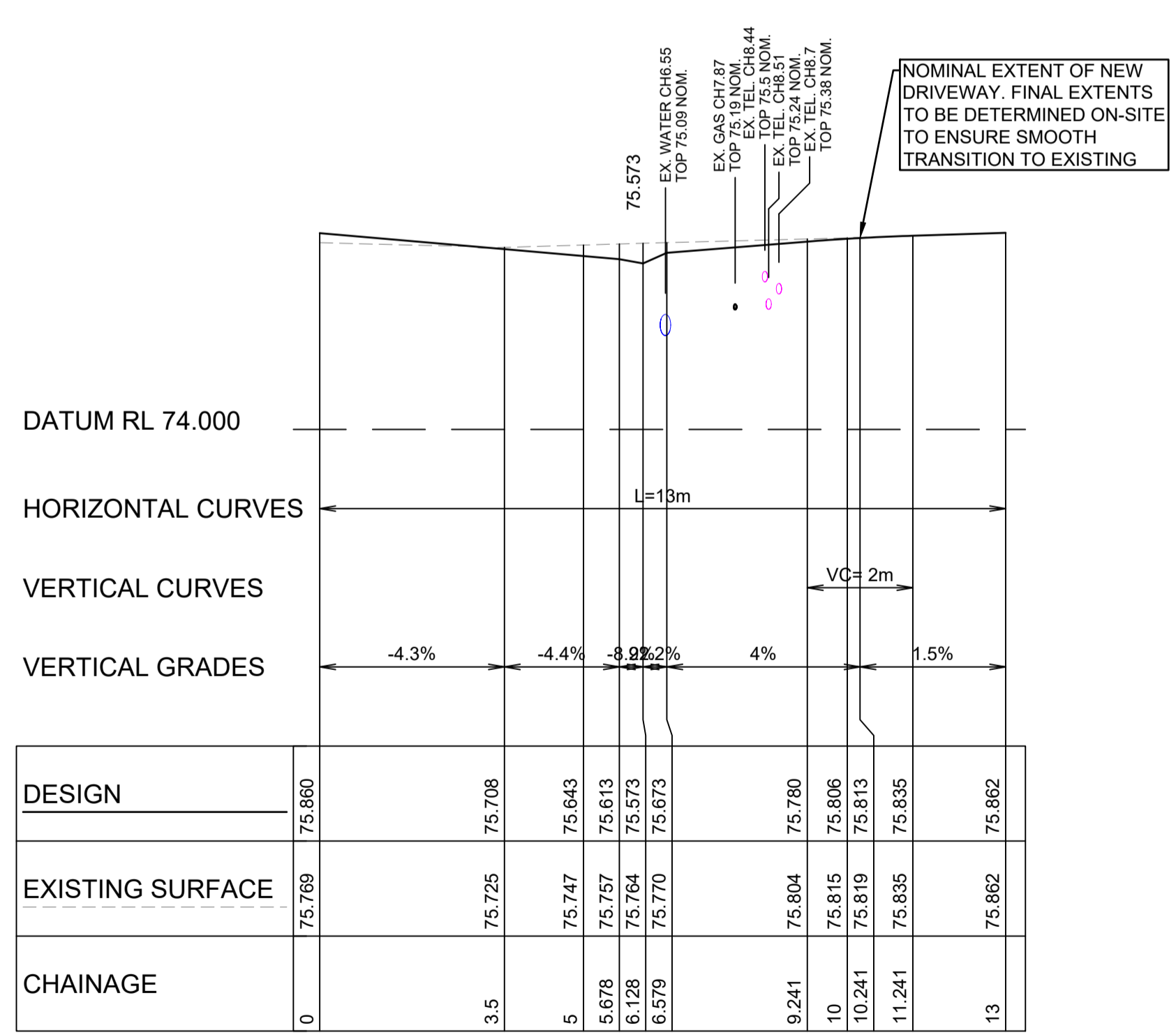
HOUSE No145 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No141 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

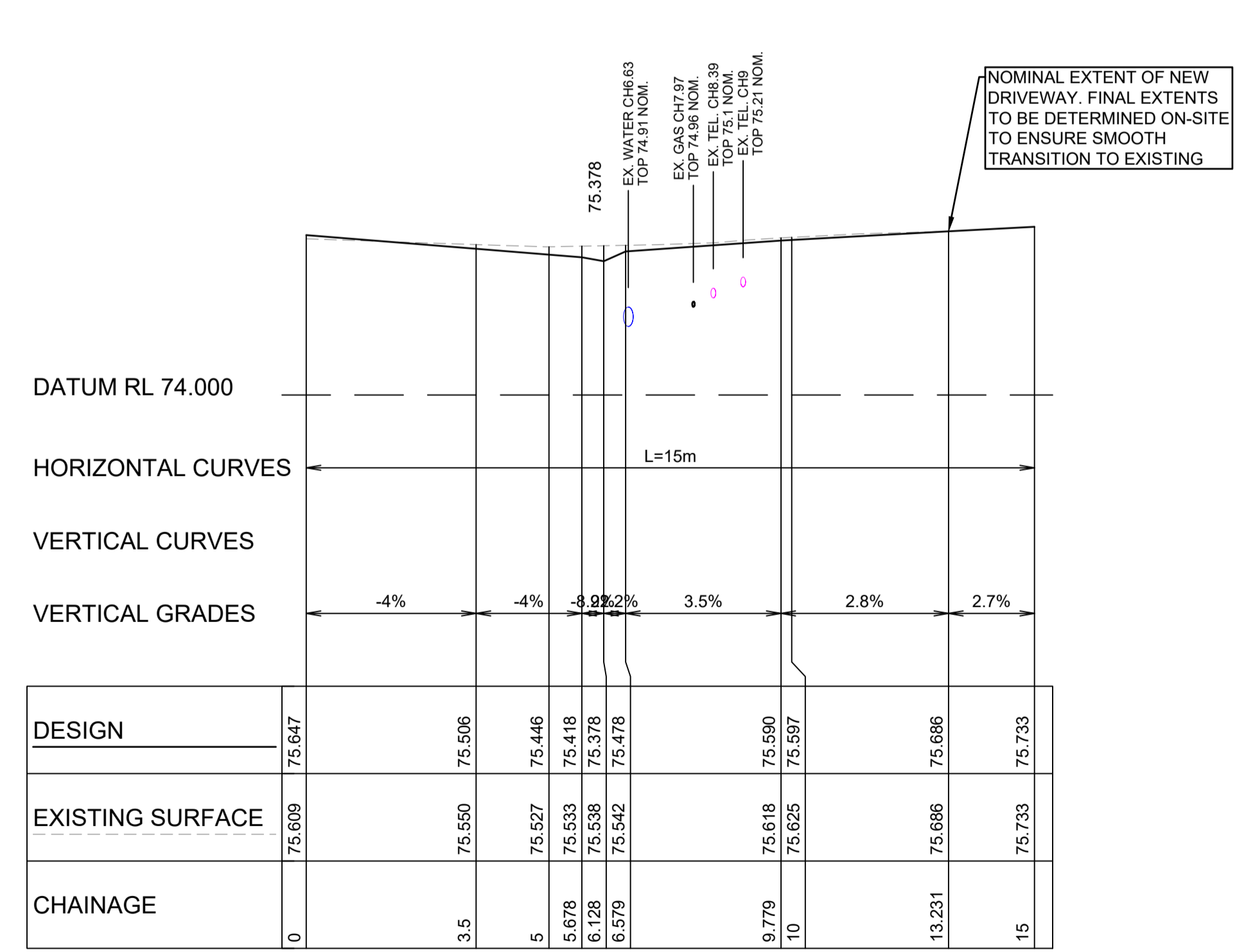
HOUSE No137 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No145 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



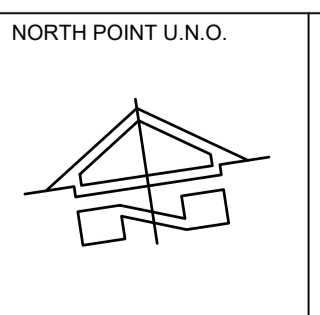
HOUSE No141 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



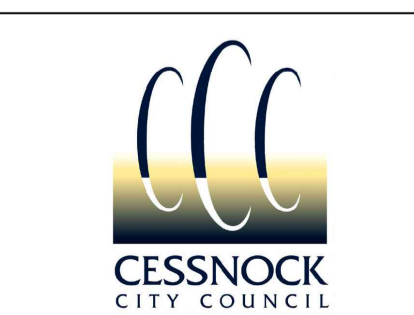
HOUSE No137 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
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CLIENT / LGP
NSW GOVERNMENT
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)
DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00-

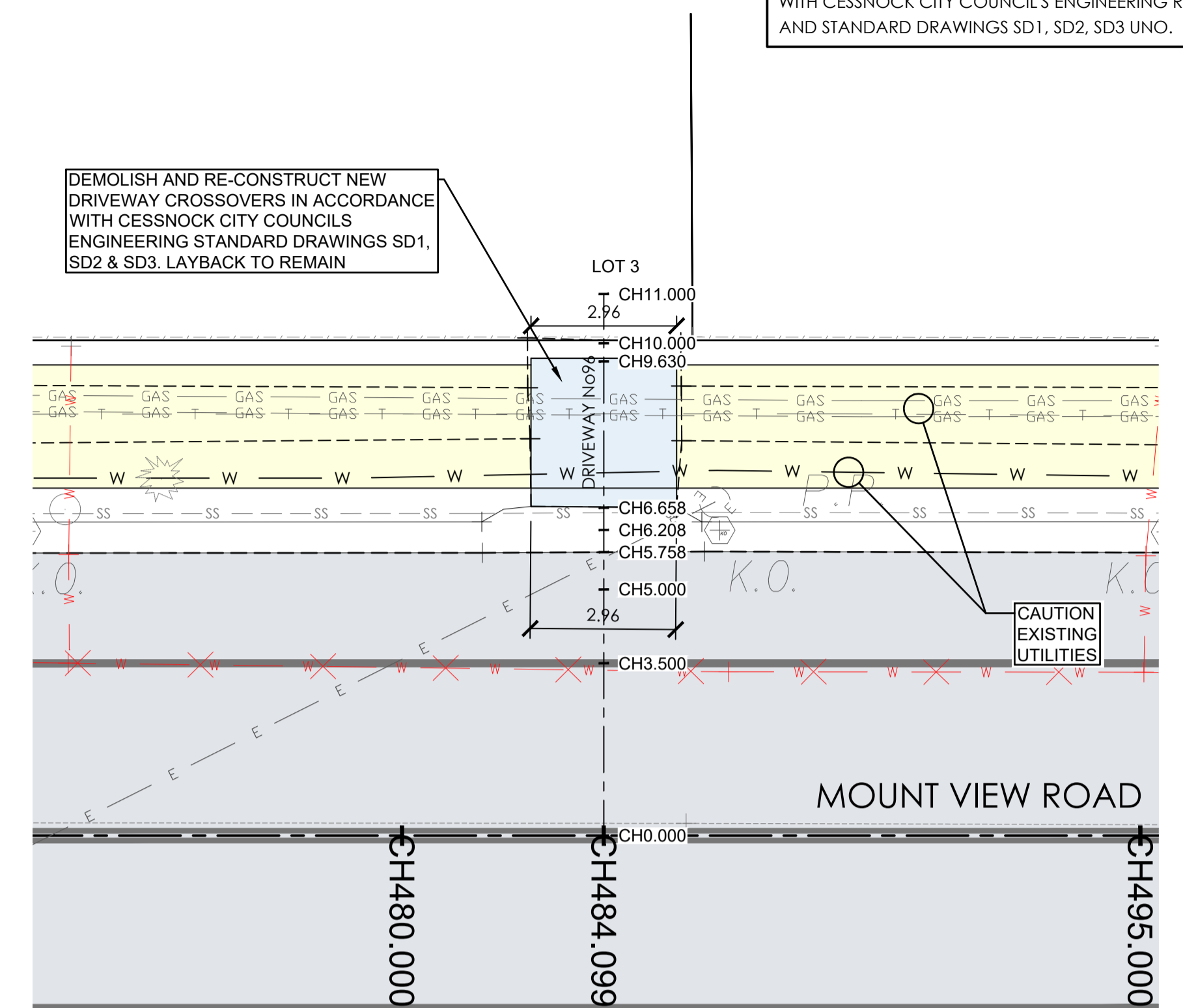
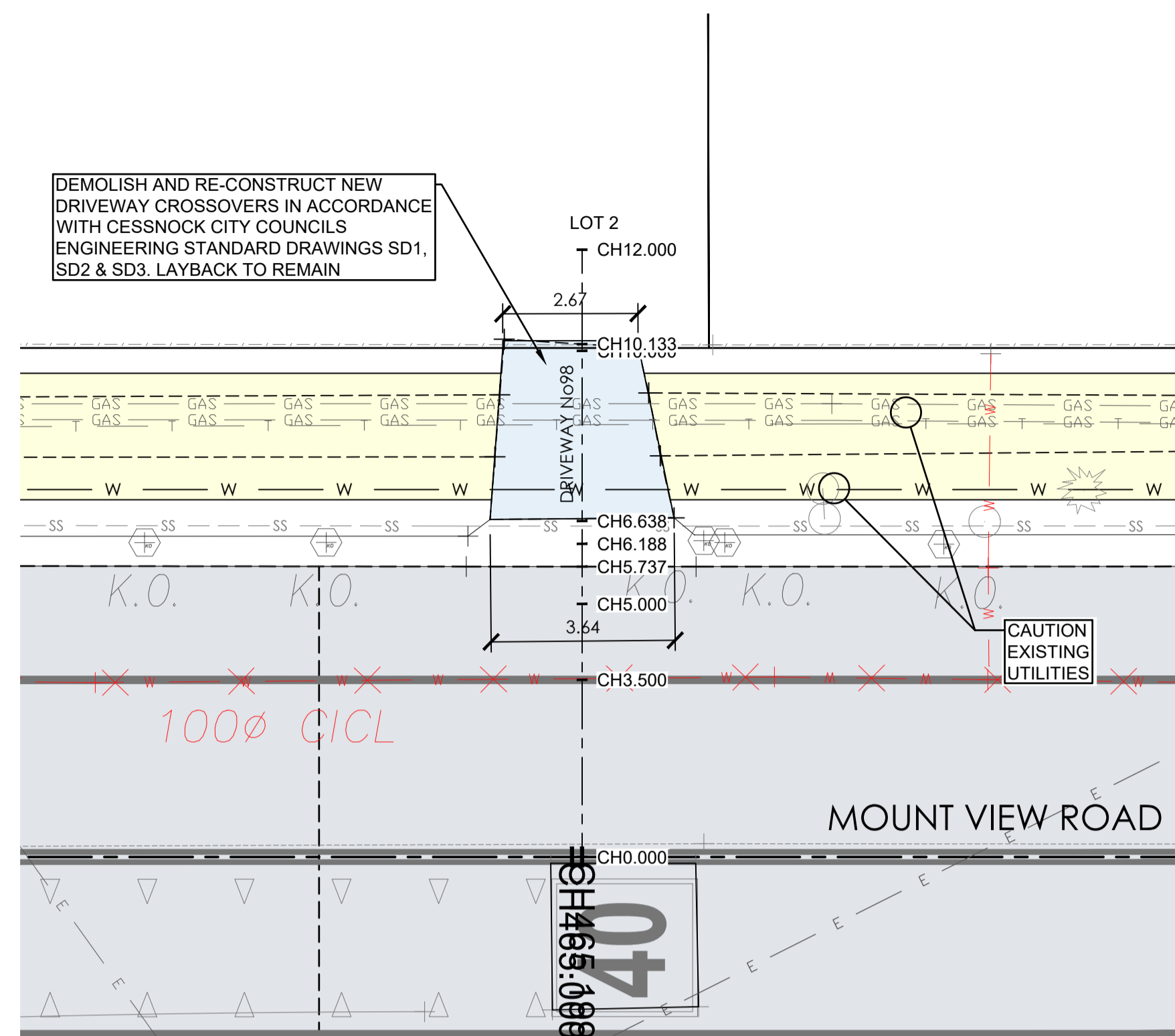
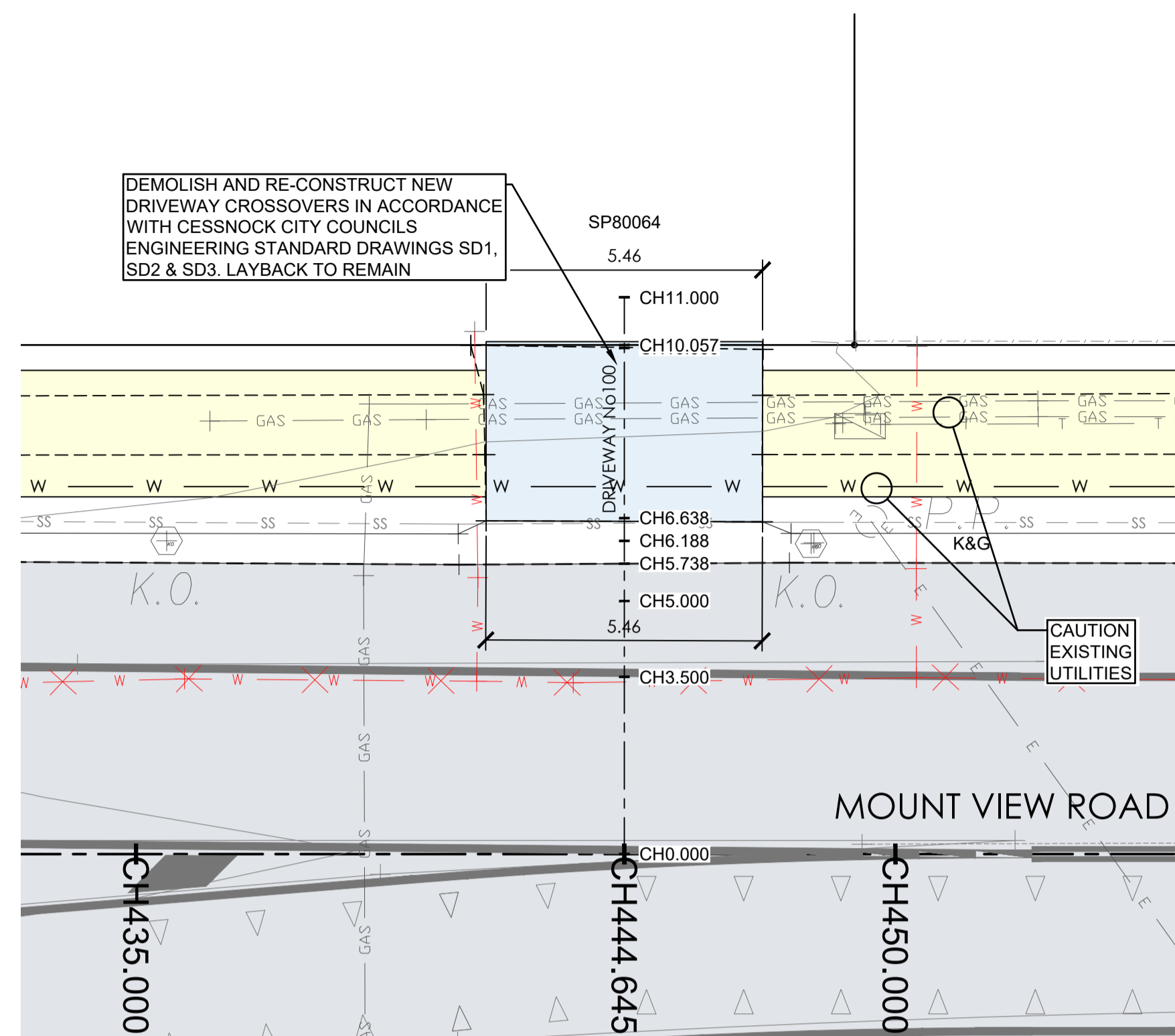


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UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
DRIVEWAY PLANS SHEET 1 OF 10
PROJECT No. **TX16685.00** CODE / SHEET No. **PW-901** ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

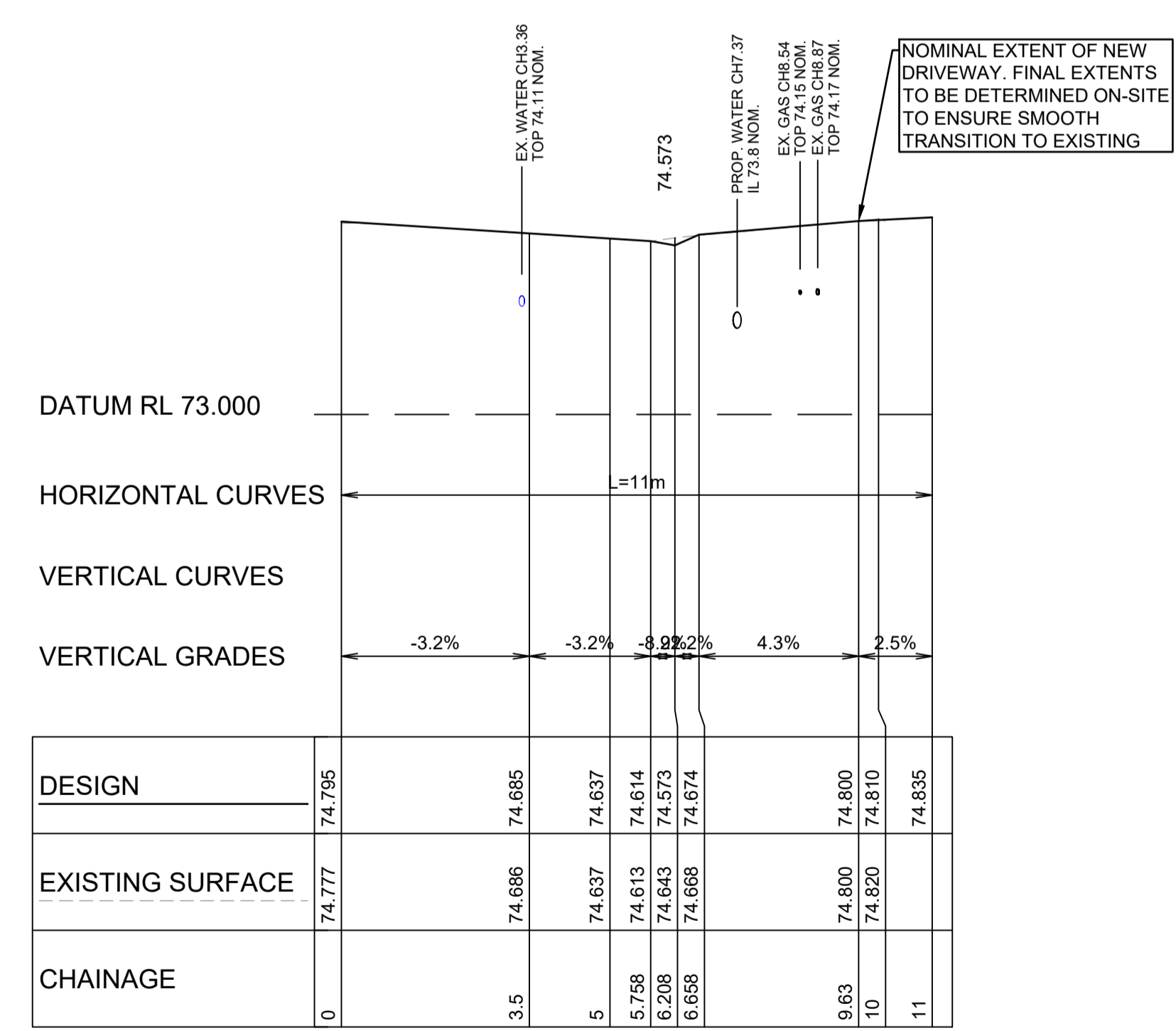
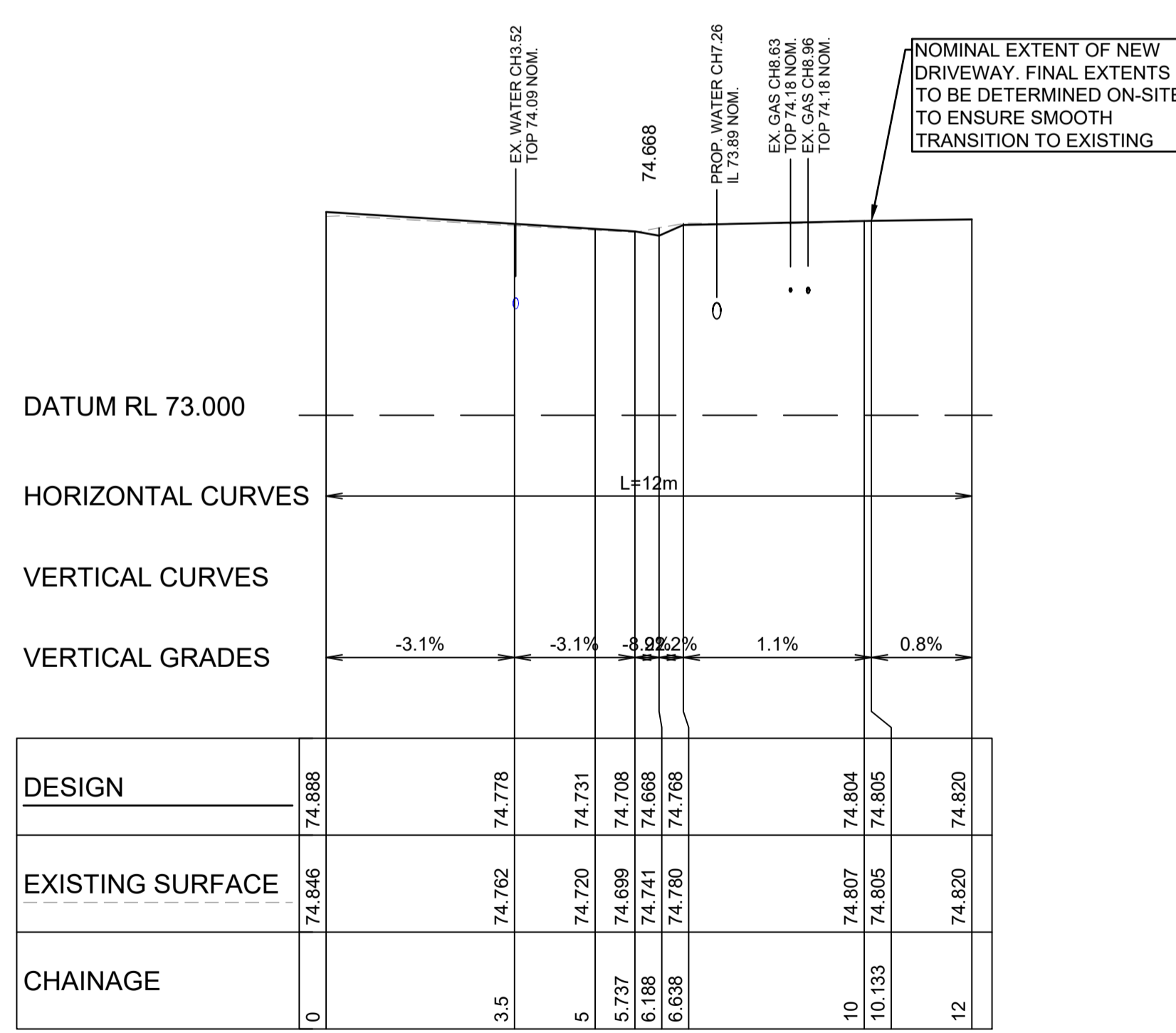
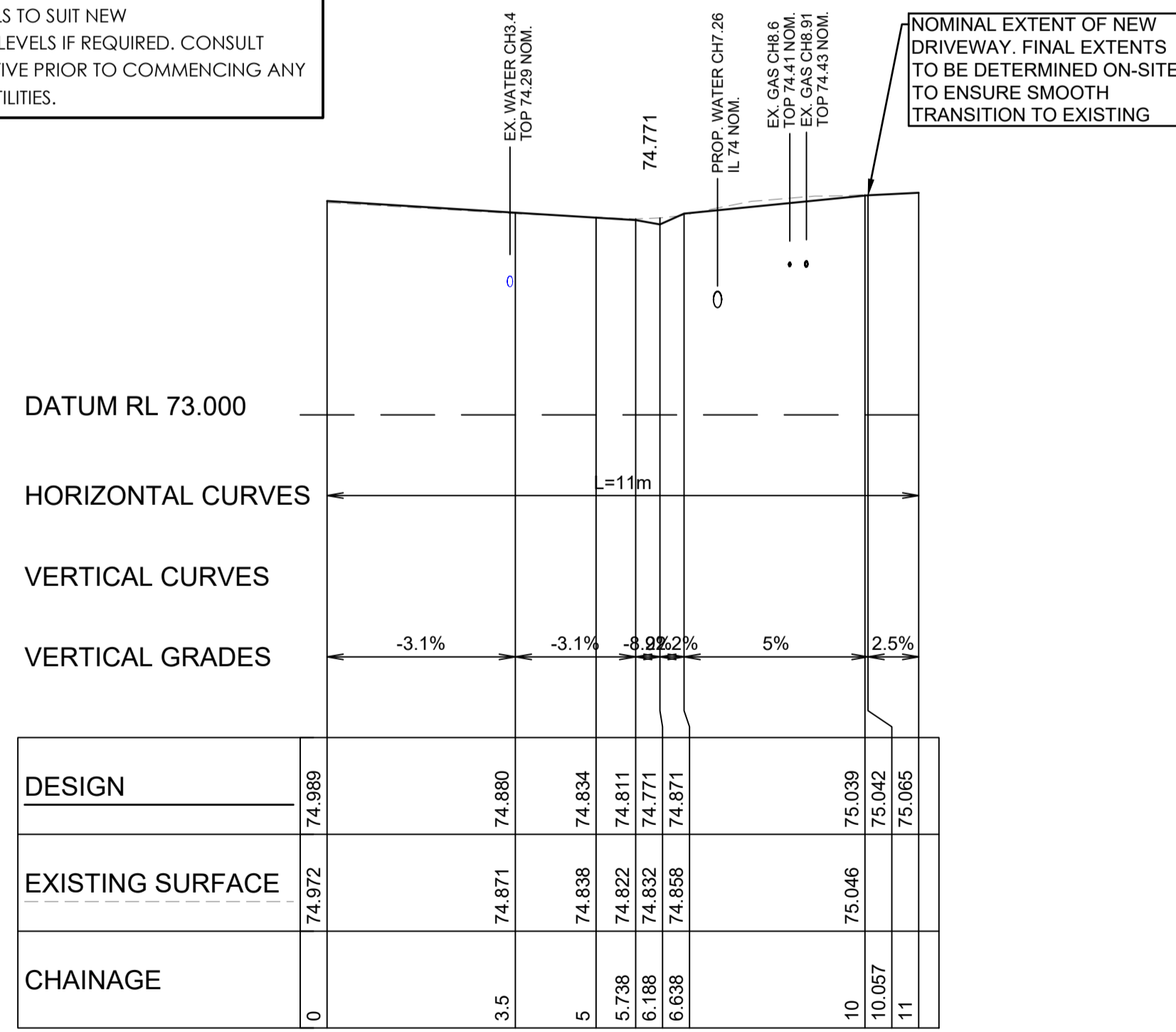


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HOUSE No100 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No98 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No96 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No100 - DRIVEWAY LONGITUDINAL SECTION

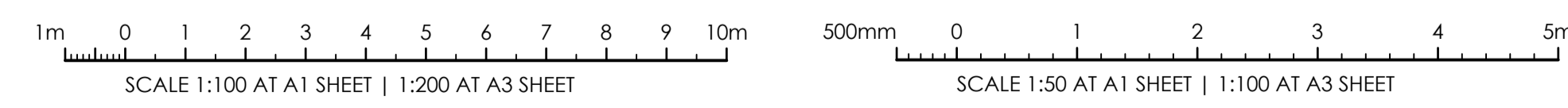
HOUSE No98 - DRIVEWAY LONGITUDINAL SECTION

HOUSE No96 - DRIVEWAY LONGITUDINAL SECTION

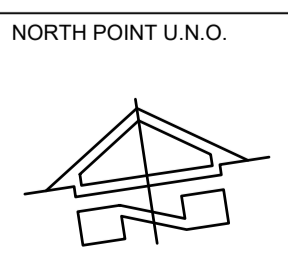
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50

A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50

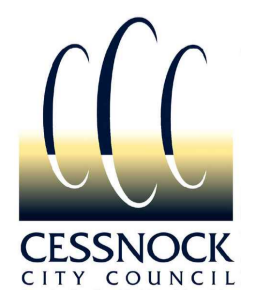
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



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CLIENT / LG
NSW GOVERNMENT
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)
DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00-



TRIAxIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

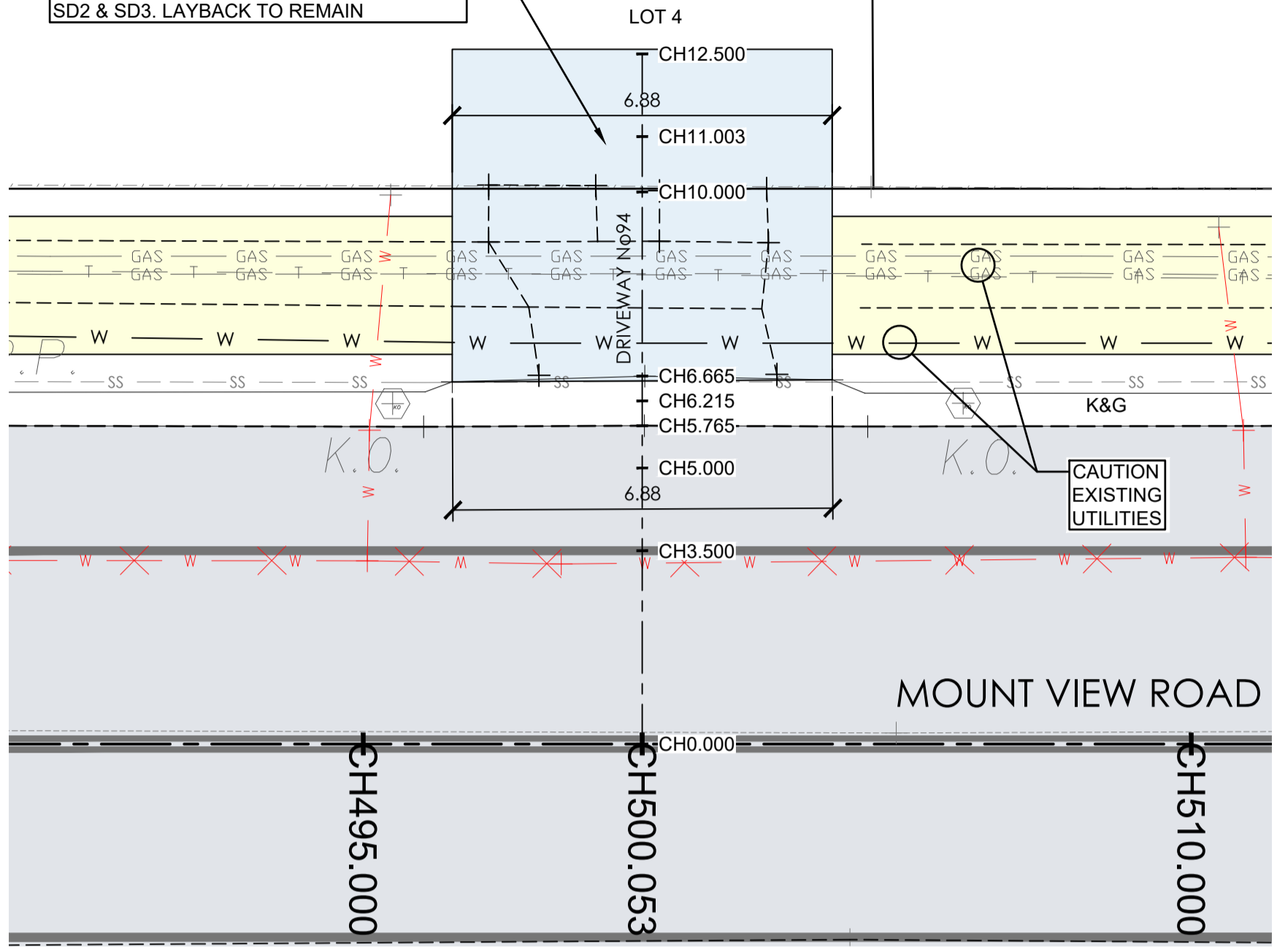
1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
DRIVEWAY PLANS SHEET 2 OF 10
PROJECT No. **TX16685.00**
CODE / SHEET No. **PW-902**
ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

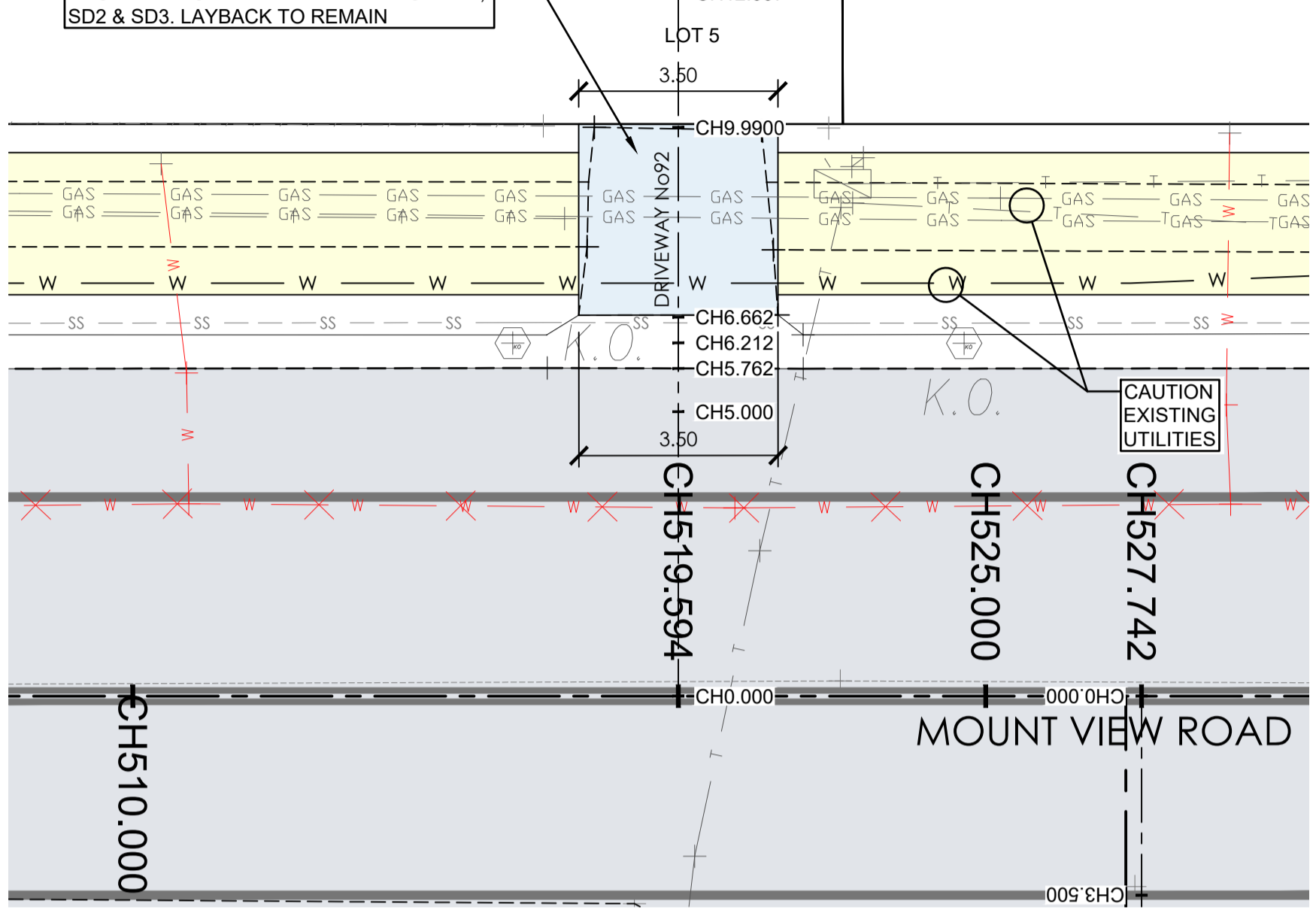
DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

DEMOLISH AND RE-CONSTRUCT NEW DRIVEWAY CROSSOVERS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING STANDARD DRAWINGS SD1, SD2 & SD3. LAYBACK TO REMAIN

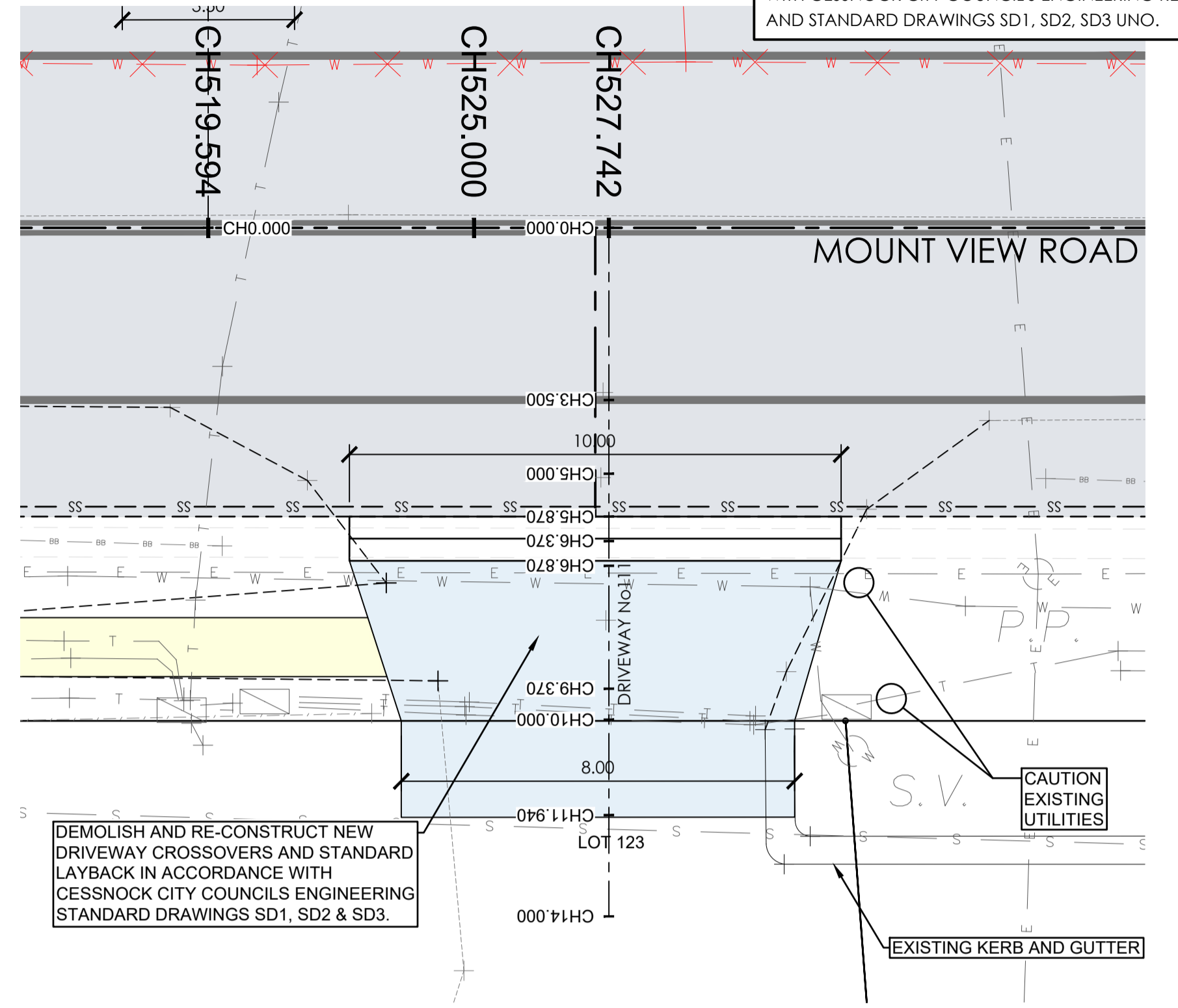


HOUSE No94 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

DEMOLISH AND RE-CONSTRUCT NEW DRIVEWAY CROSSOVERS IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING STANDARD DRAWINGS SD1, SD2 & SD3. LAYBACK TO REMAIN

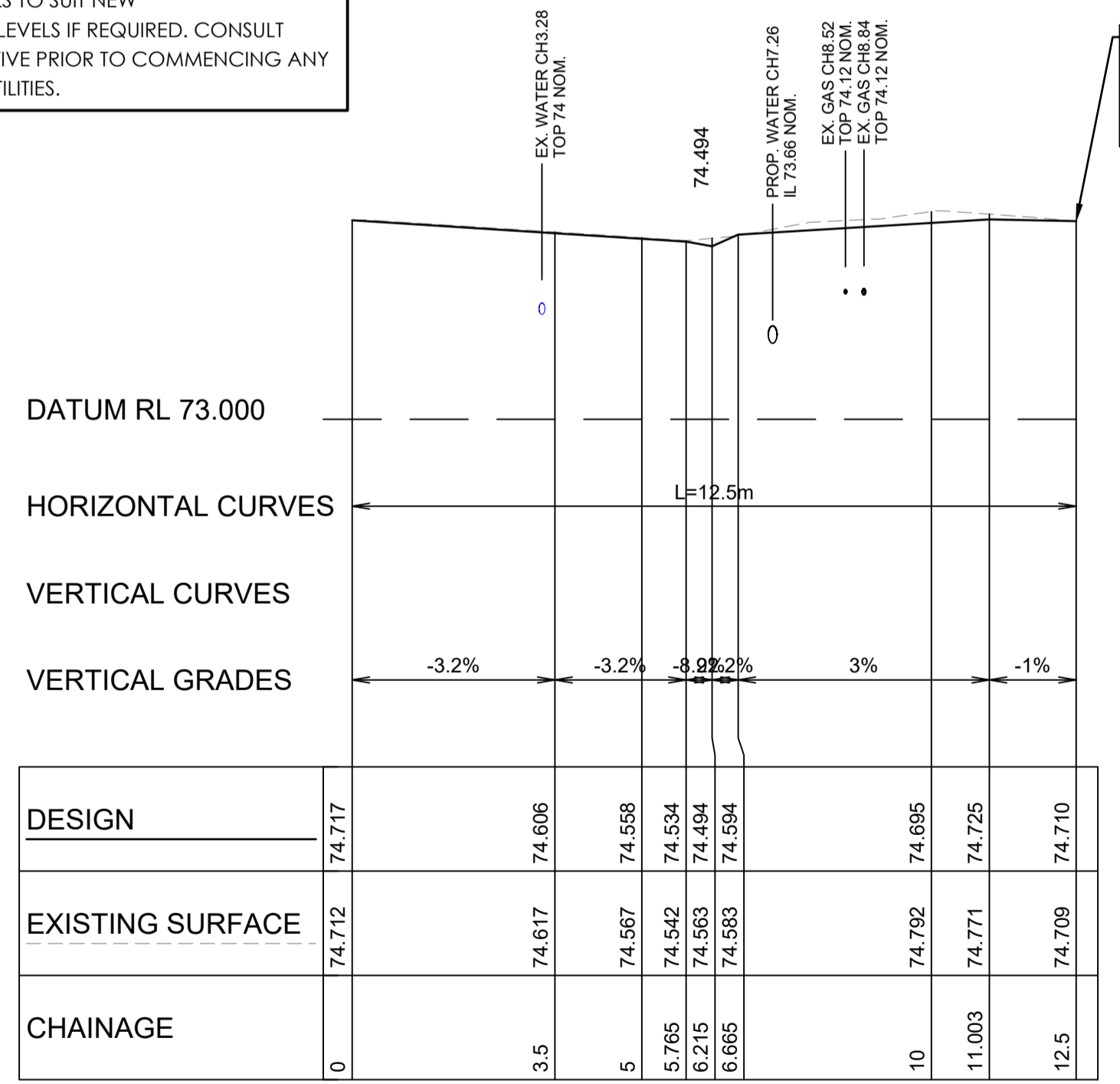


HOUSE No92 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

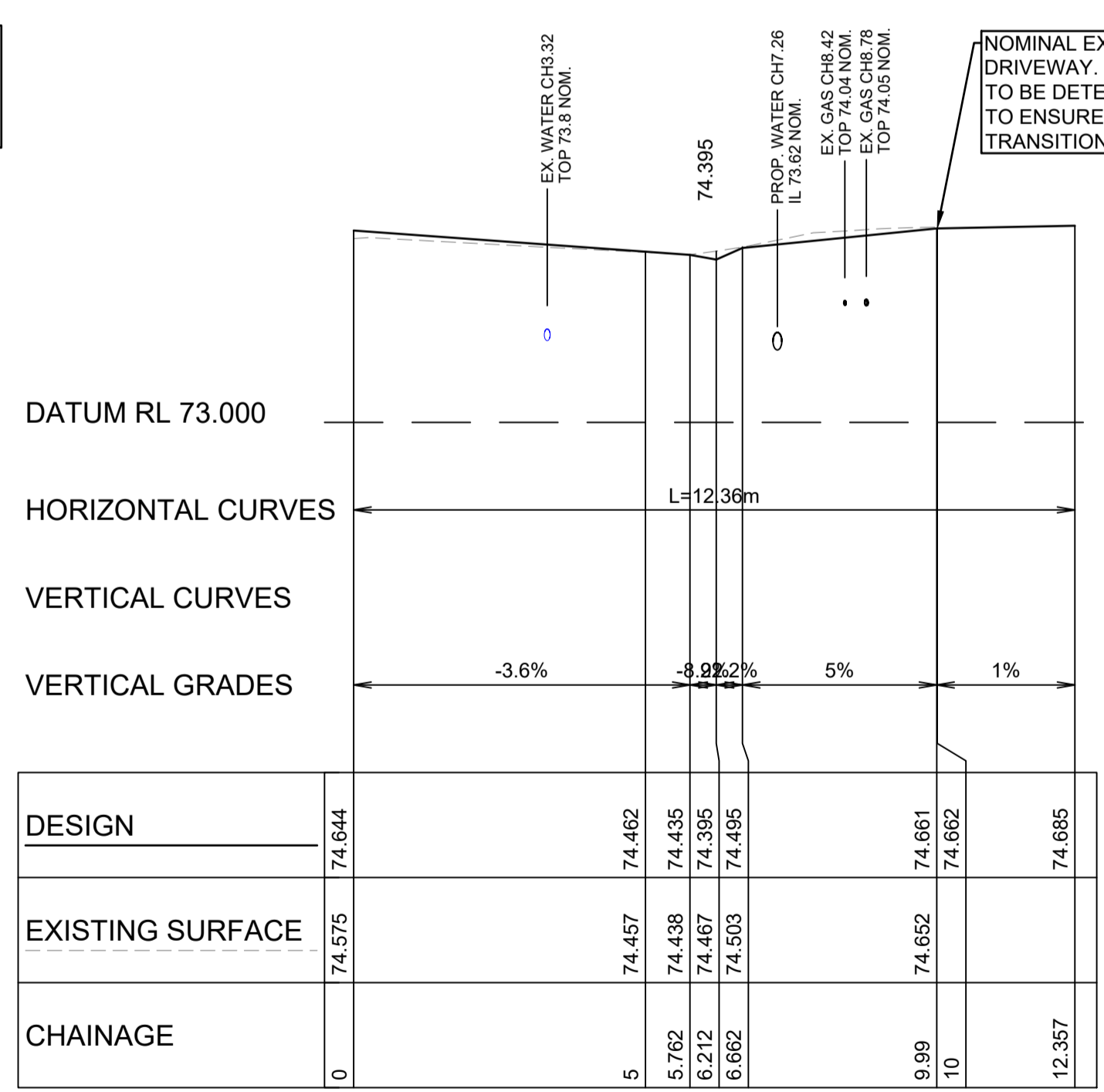


HOUSE No111 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

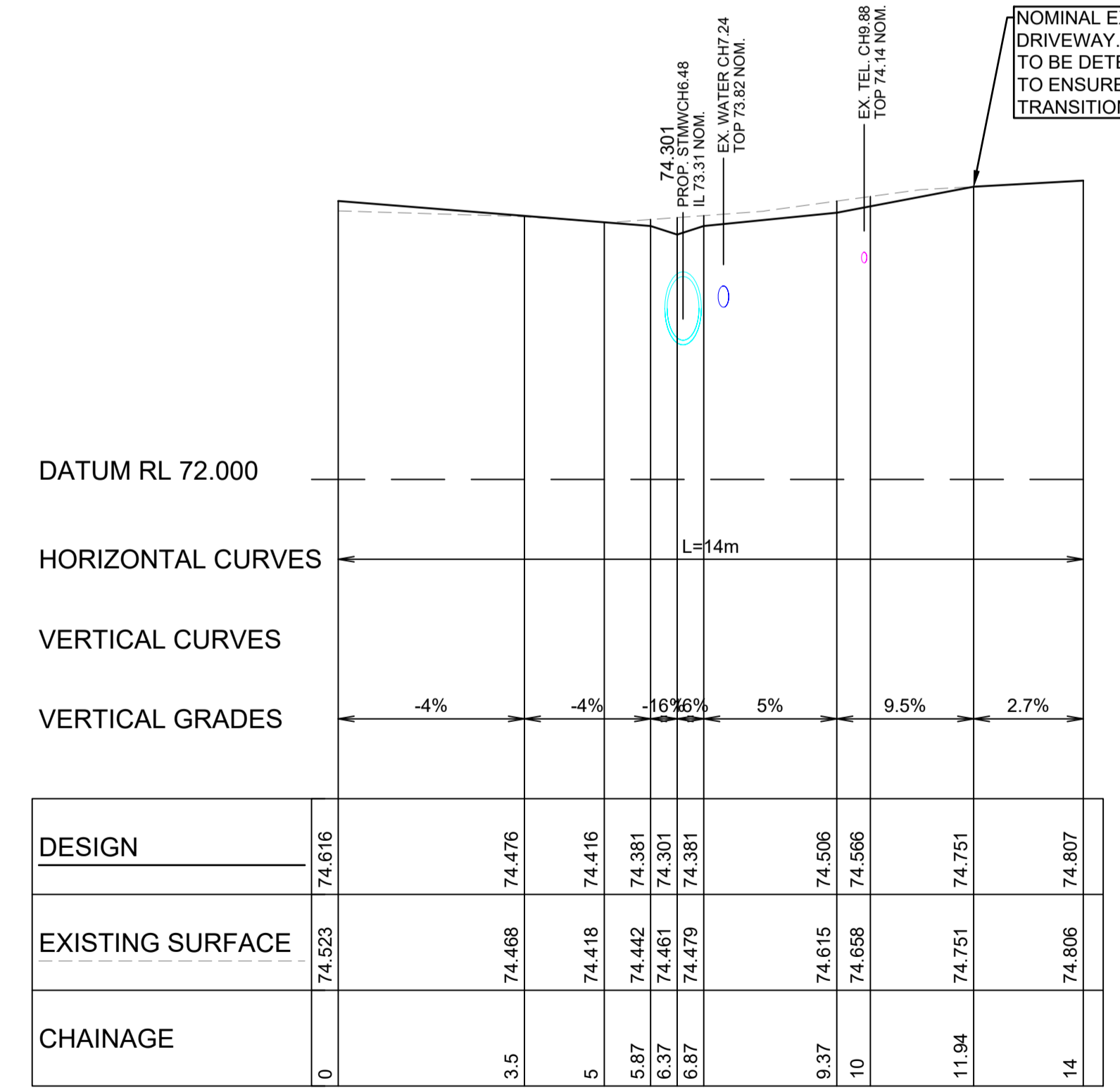
CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.



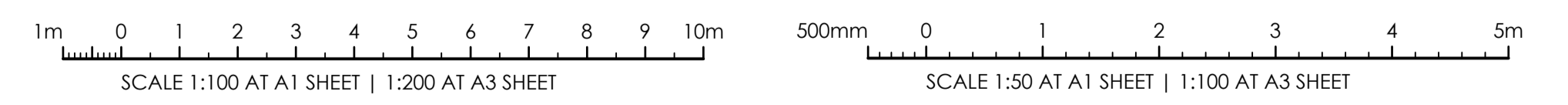
HOUSE No94 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



HOUSE No92 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50

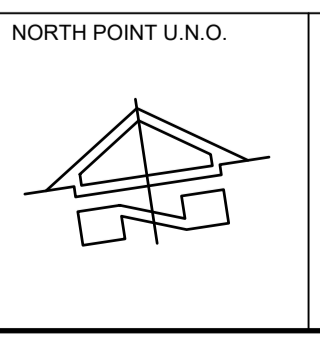


HOUSE Lot123 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



CLIENT / LGA
NSW GOVERNMENT
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

| | | | | |
|----------|-------|--------|------|-------------|
| DESIGNED | DRAWN | DATE | SIZE | CAD REF |
| BW | CW | DEC 22 | A1 | TX16685.00- |



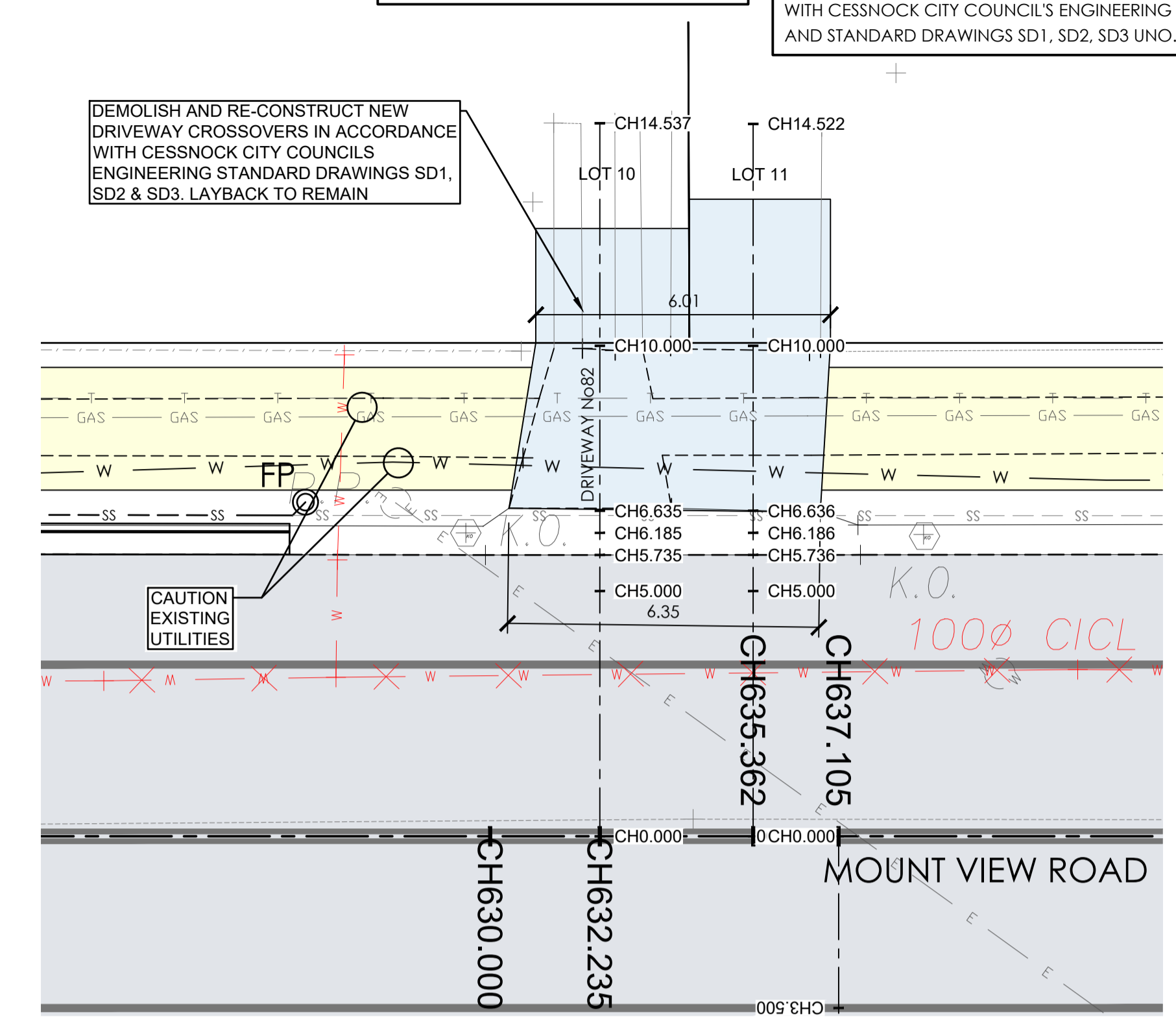
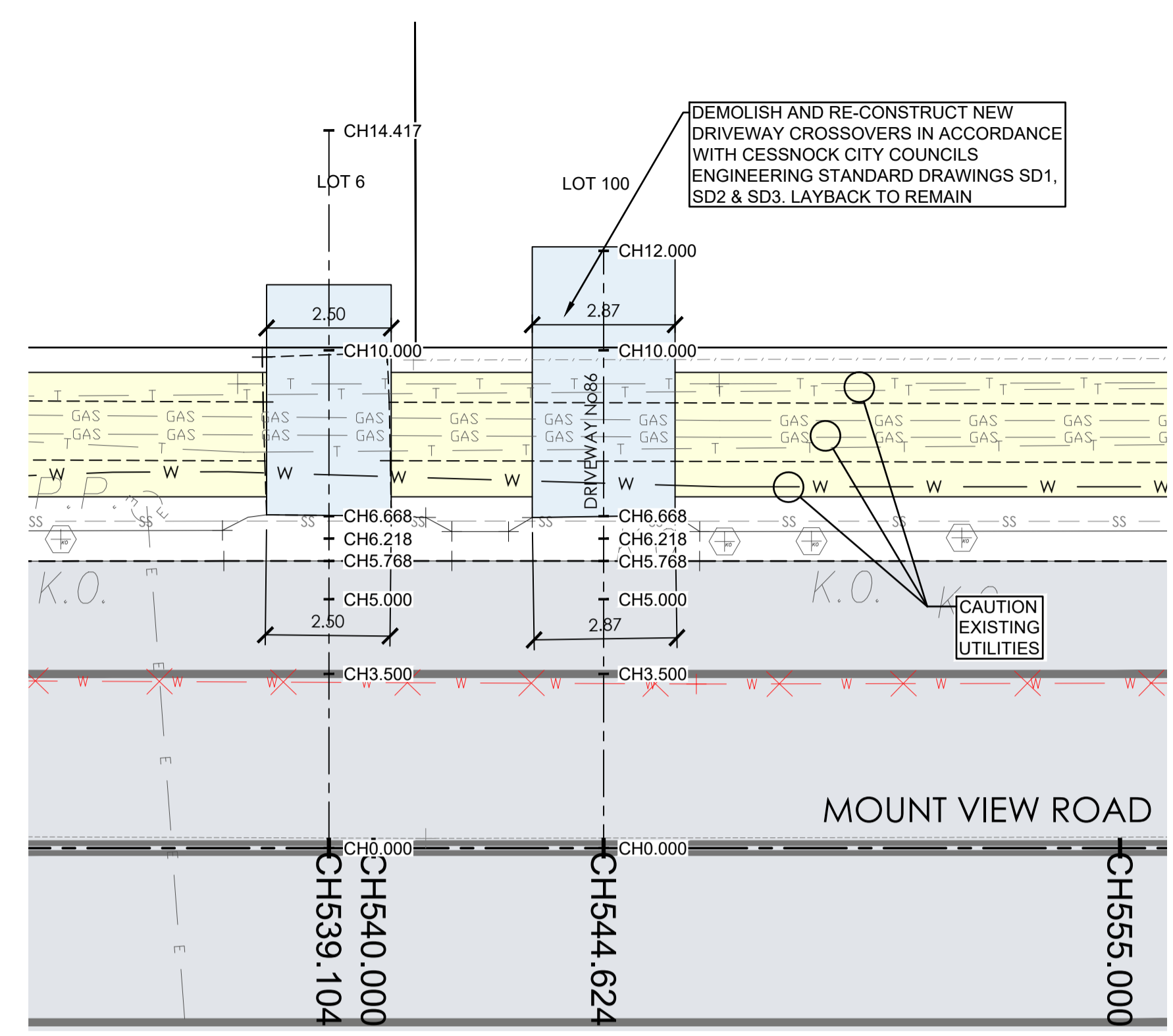
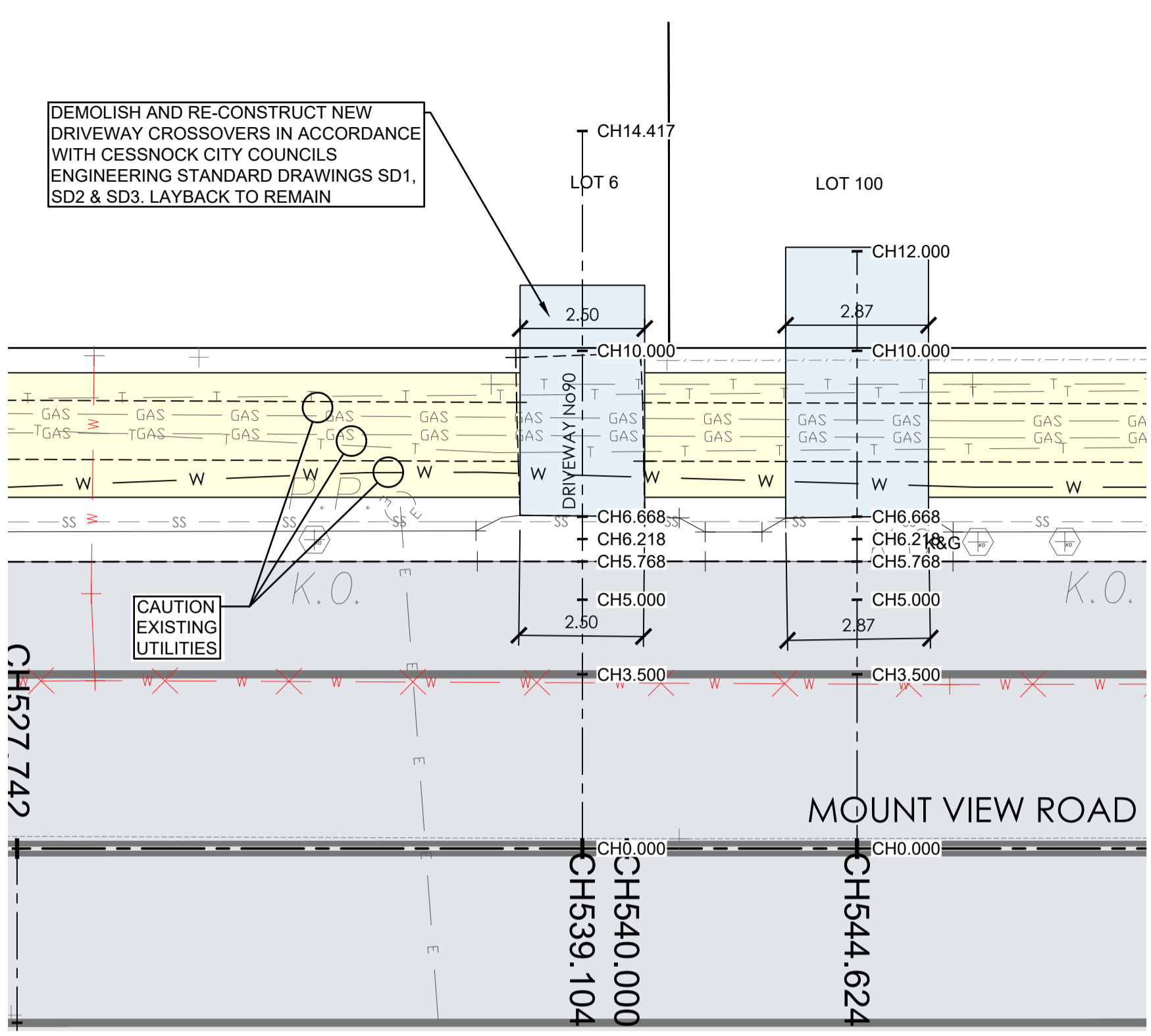
1300 874 294 | TRIAXIAL.COM.AU
UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
DRIVEWAY PLANS SHEET 3 OF 10

PROJECT No. **TX16685.00** CODE / SHEET No. **PW-903** ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

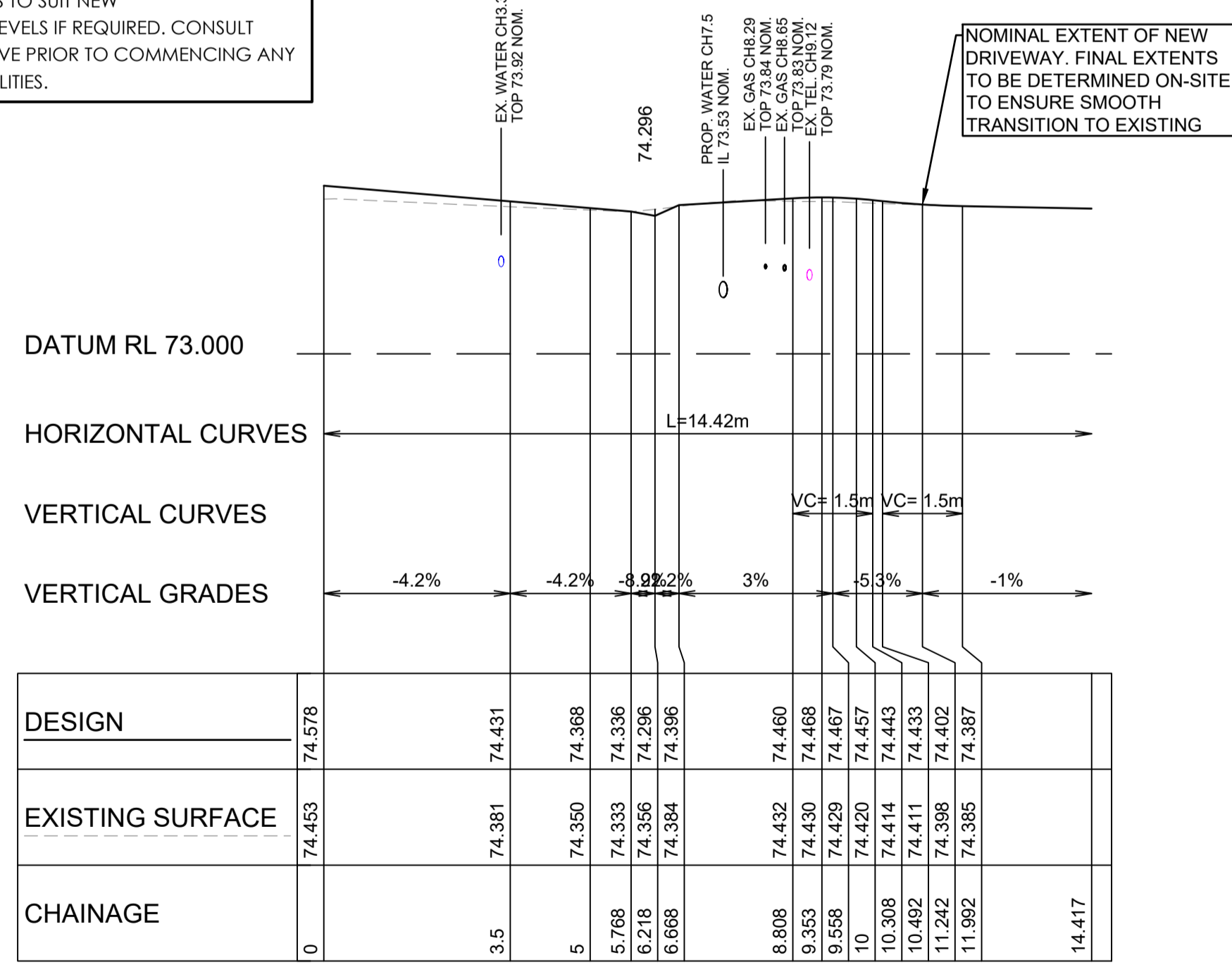


CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

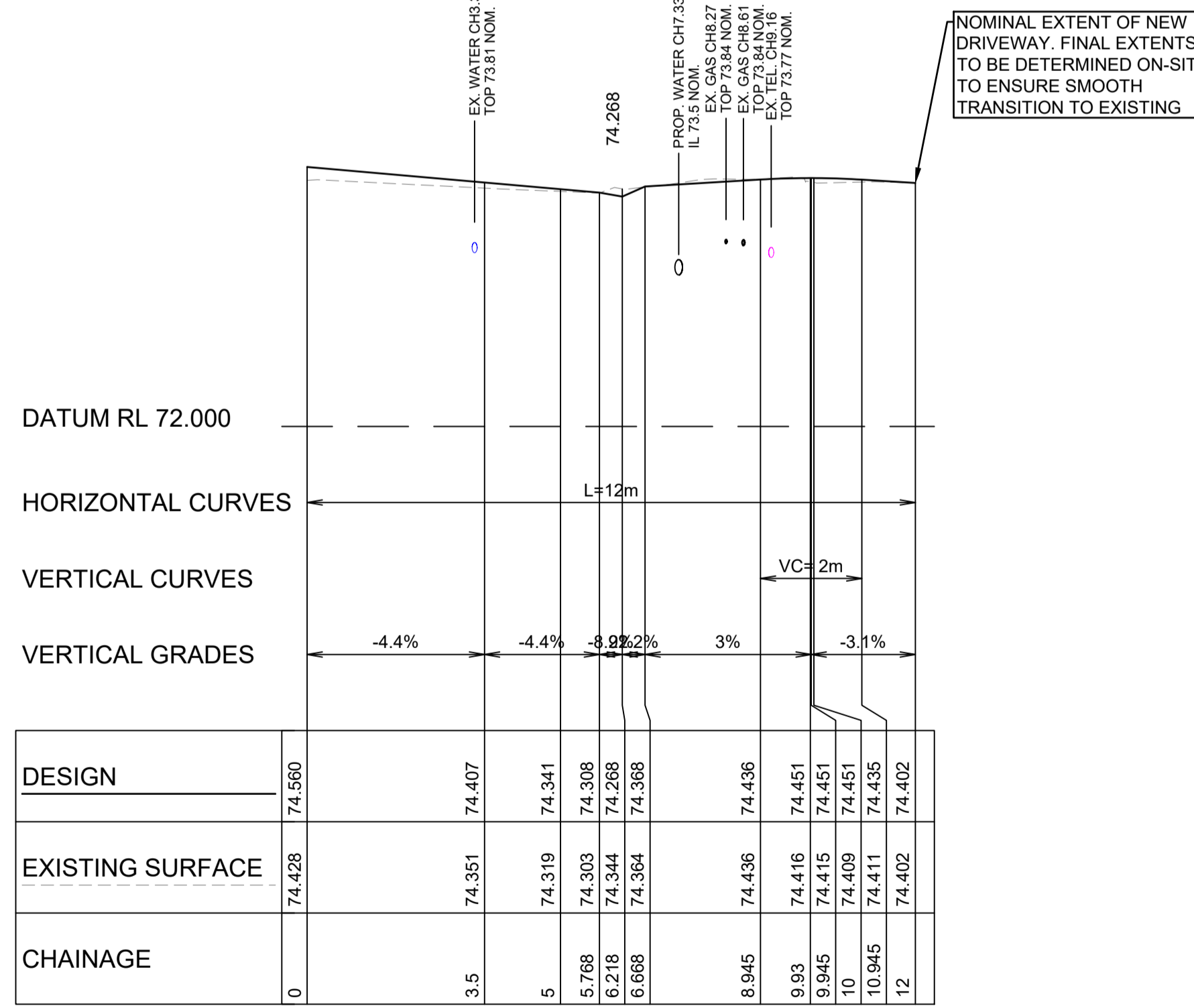
HOUSE No90 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No86 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

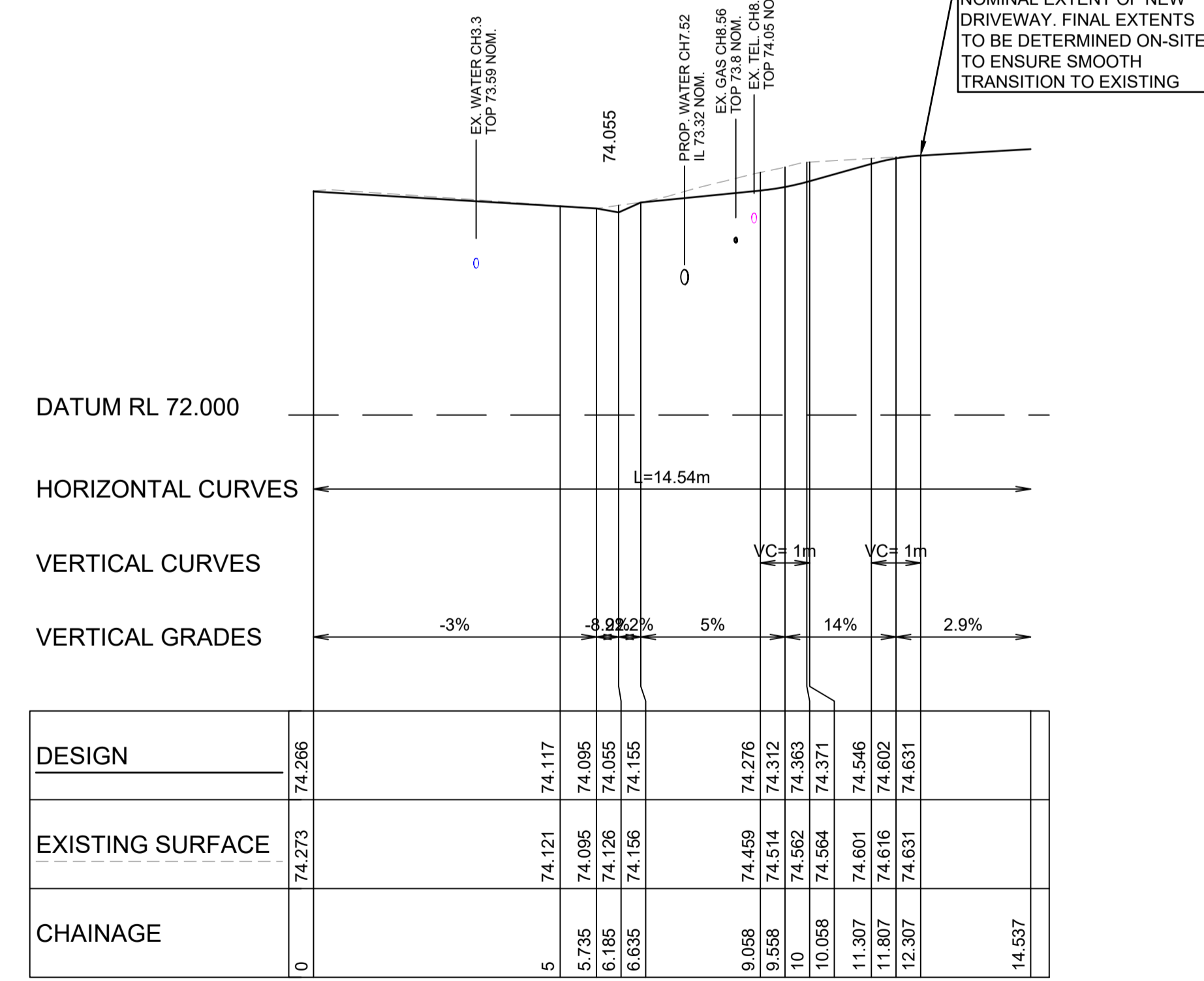
HOUSE No82 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No90 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



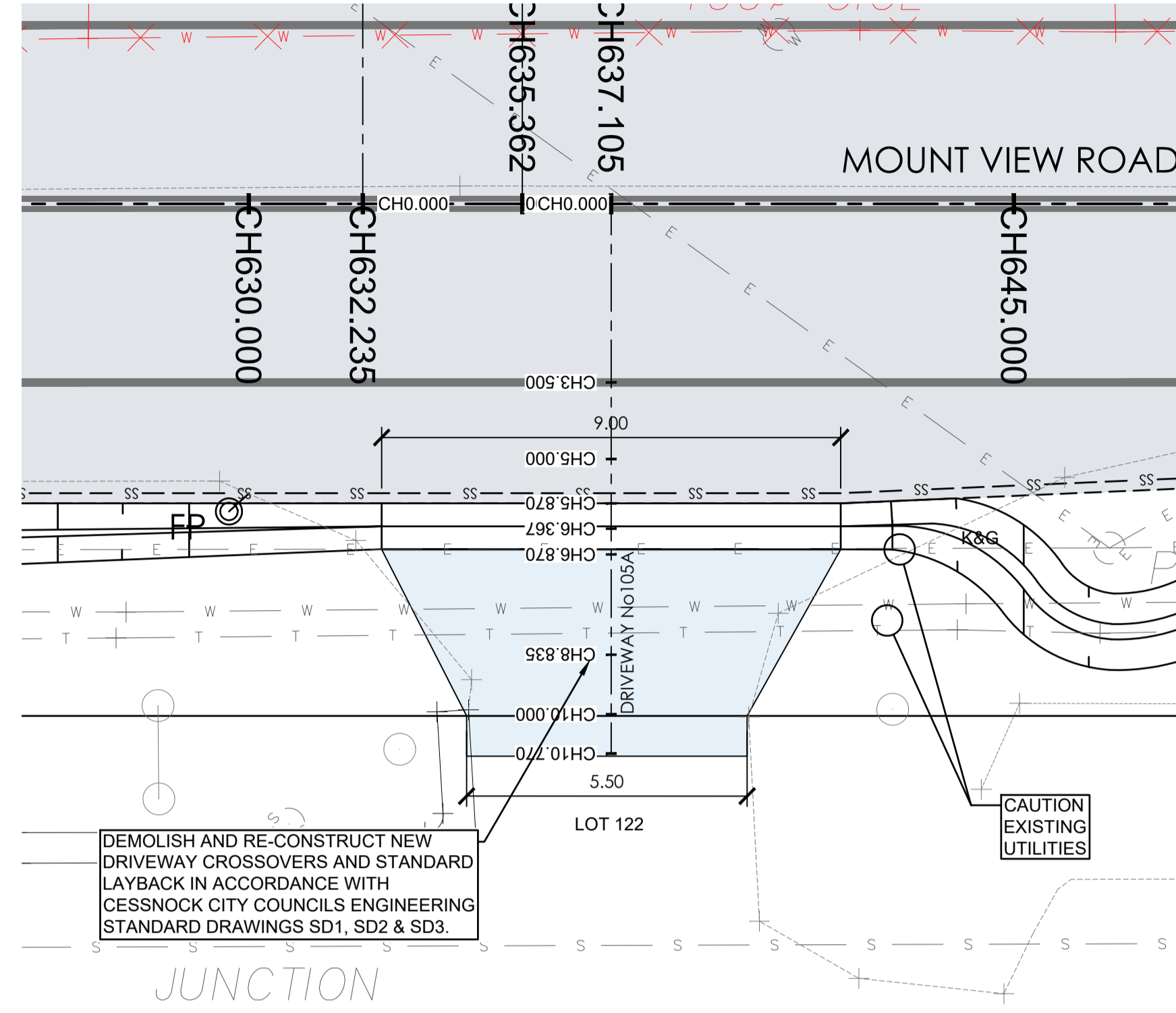
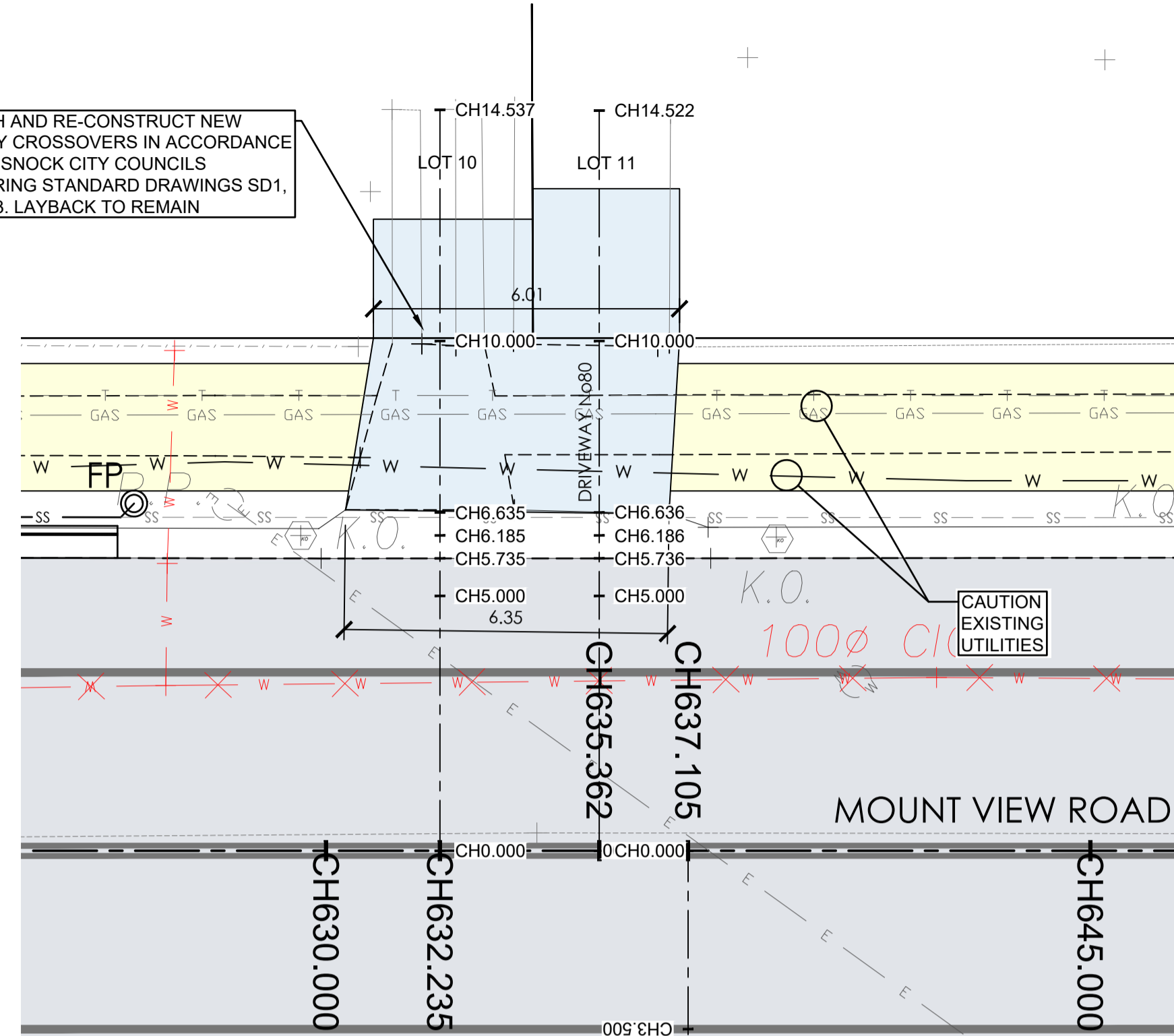
HOUSE No86 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



HOUSE No82 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



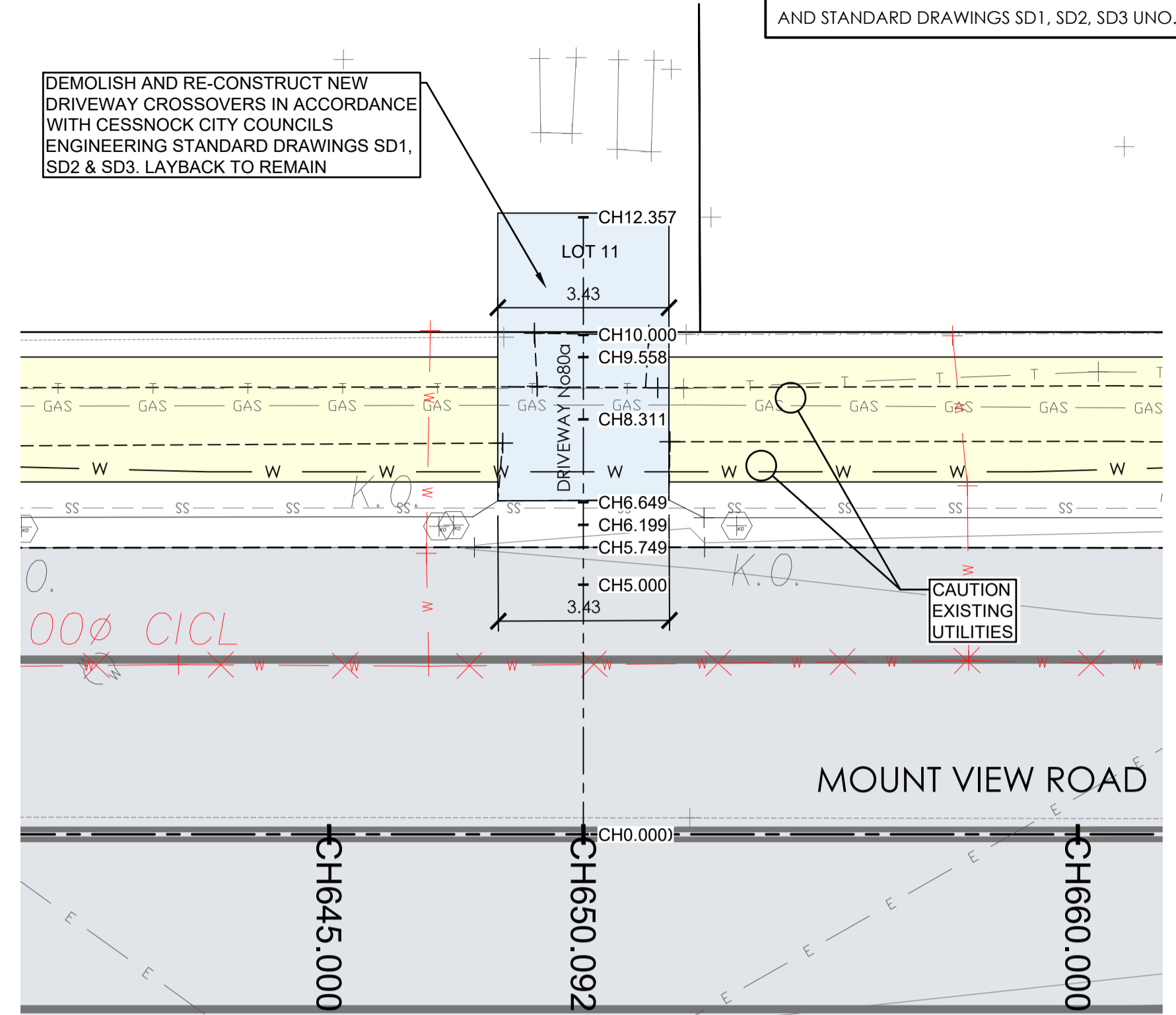
DEMOLISH AND RE-CONSTRUCT NEW DRIVEWAY CROSSOVERS IN ACCORDANCE WITH CESSNOCK CITY COUNCILS ENGINEERING STANDARD DRAWINGS SD1, SD2 & SD3. LAYBACK TO REMAIN



LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCILS ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

DEMOLISH AND RE-CONSTRUCT NEW DRIVEWAY CROSSOVERS IN ACCORDANCE WITH CESSNOCK CITY COUNCILS ENGINEERING STANDARD DRAWINGS SD1, SD2 & SD3. LAYBACK TO REMAIN

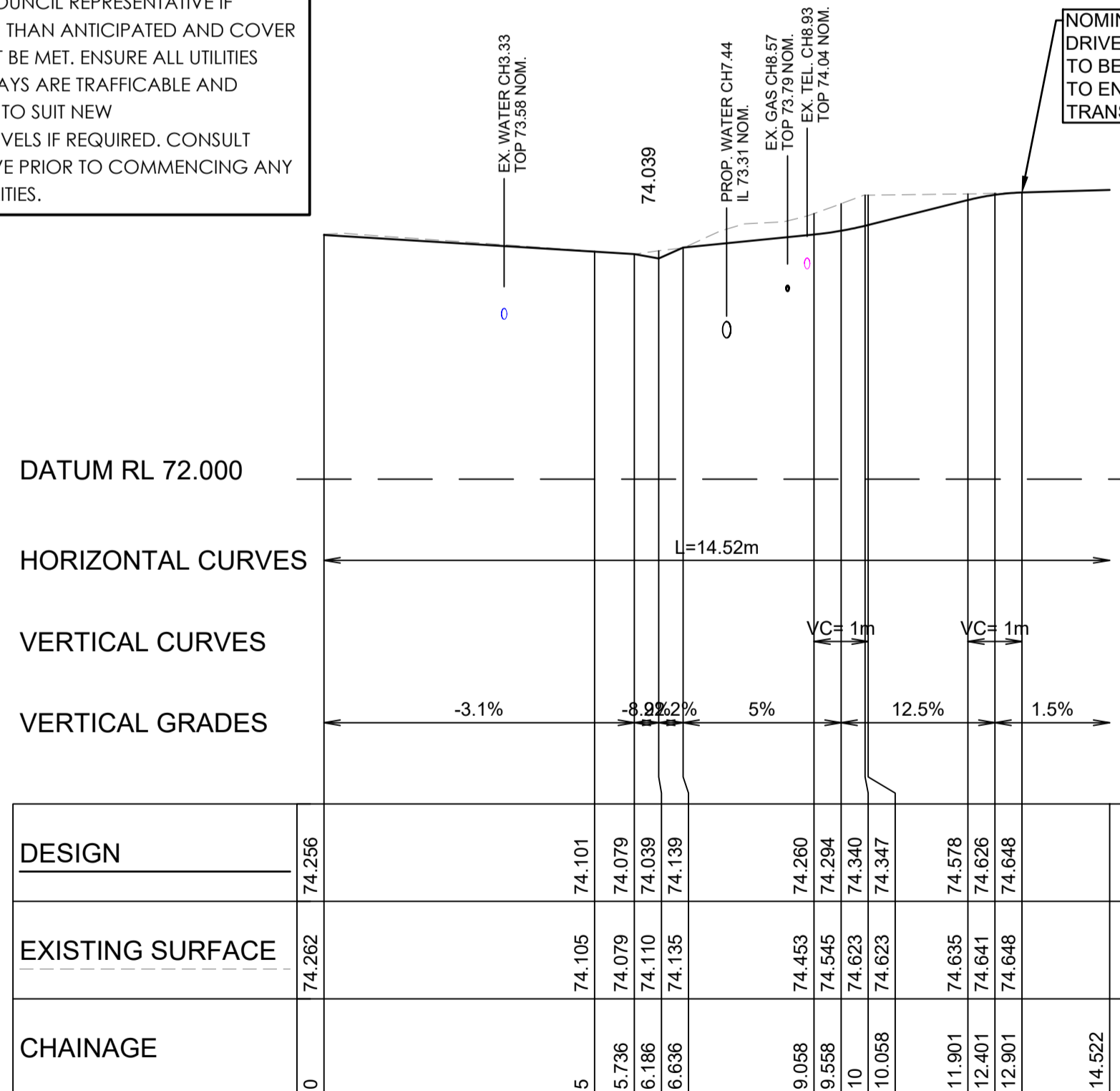


CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

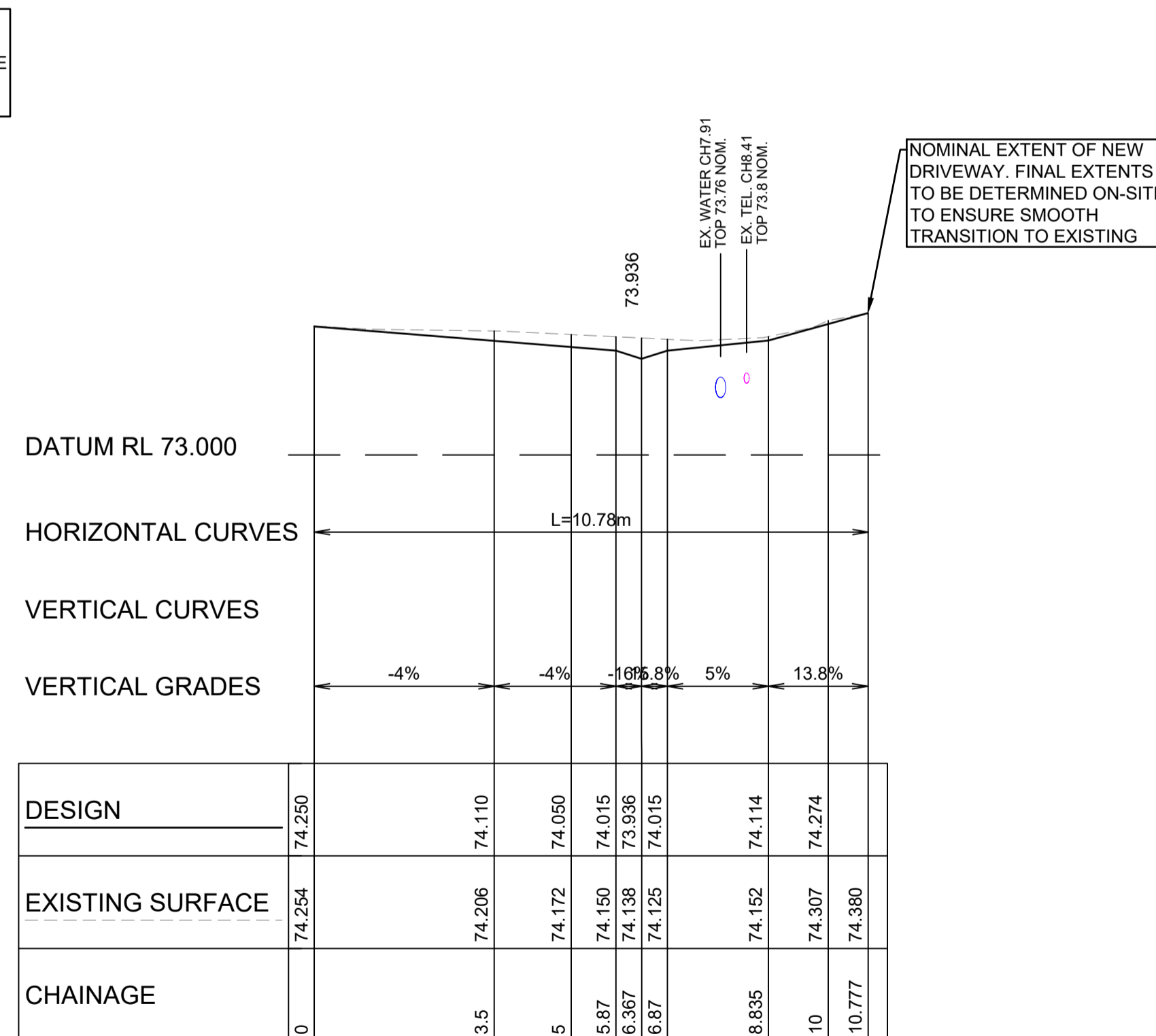
HOUSE No80 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No105A DRIVEWAY PLAN
A1 HORZ SCALE 1:100

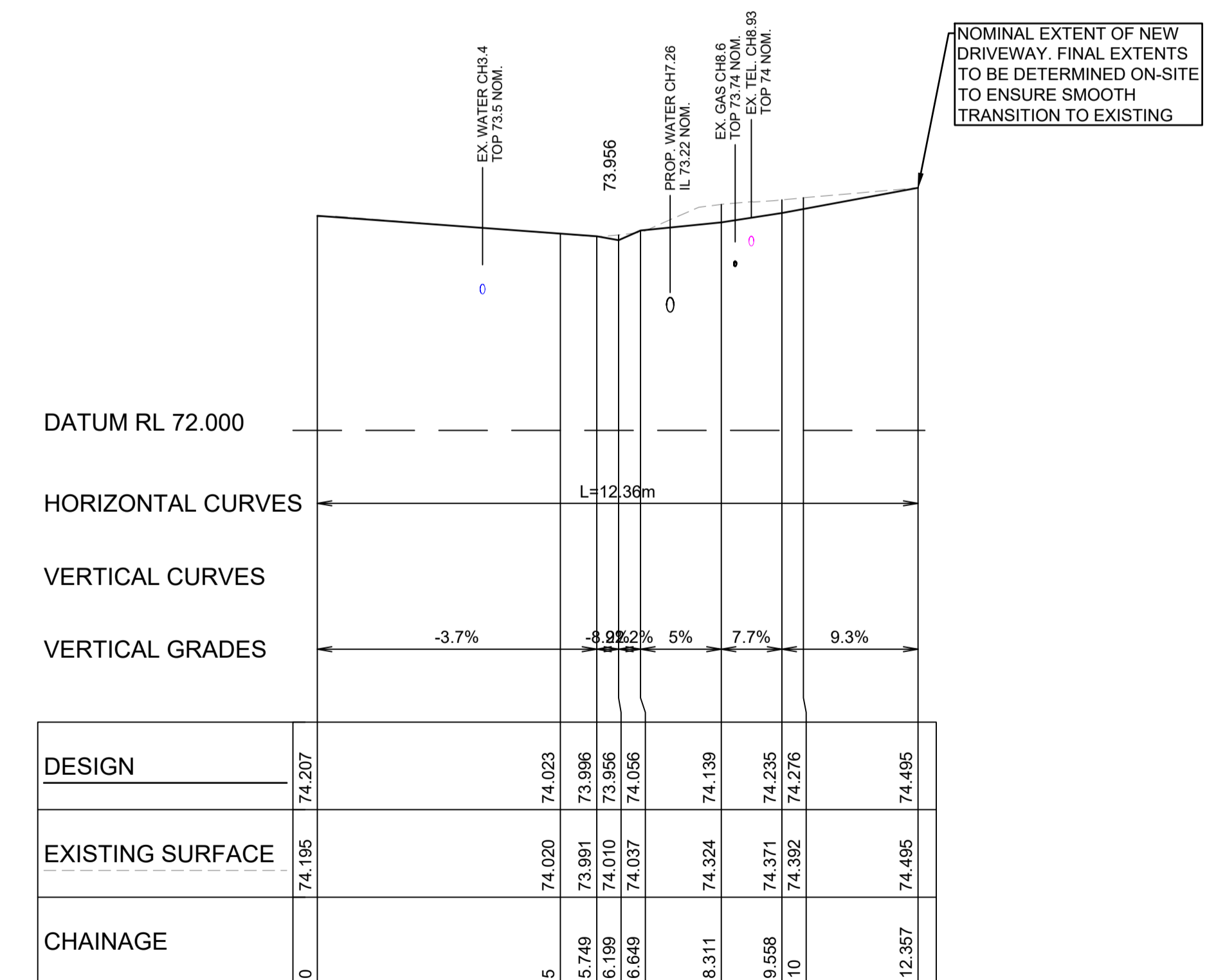
HOUSE No80a DRIVEWAY PLAN
A1 HORZ SCALE 1:100



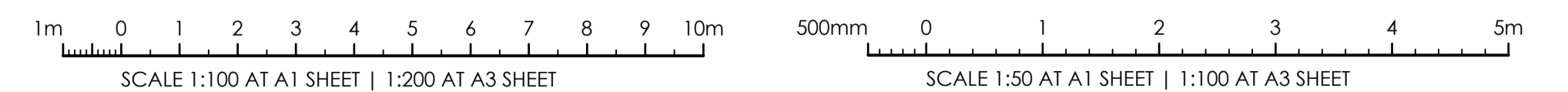
HOUSE No80 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



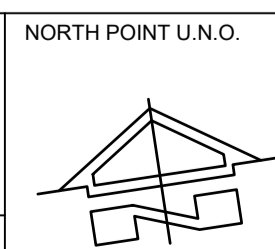
HOUSE No105A - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



HOUSE No80a - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP
NSW GOVERNMENT
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)
DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00-



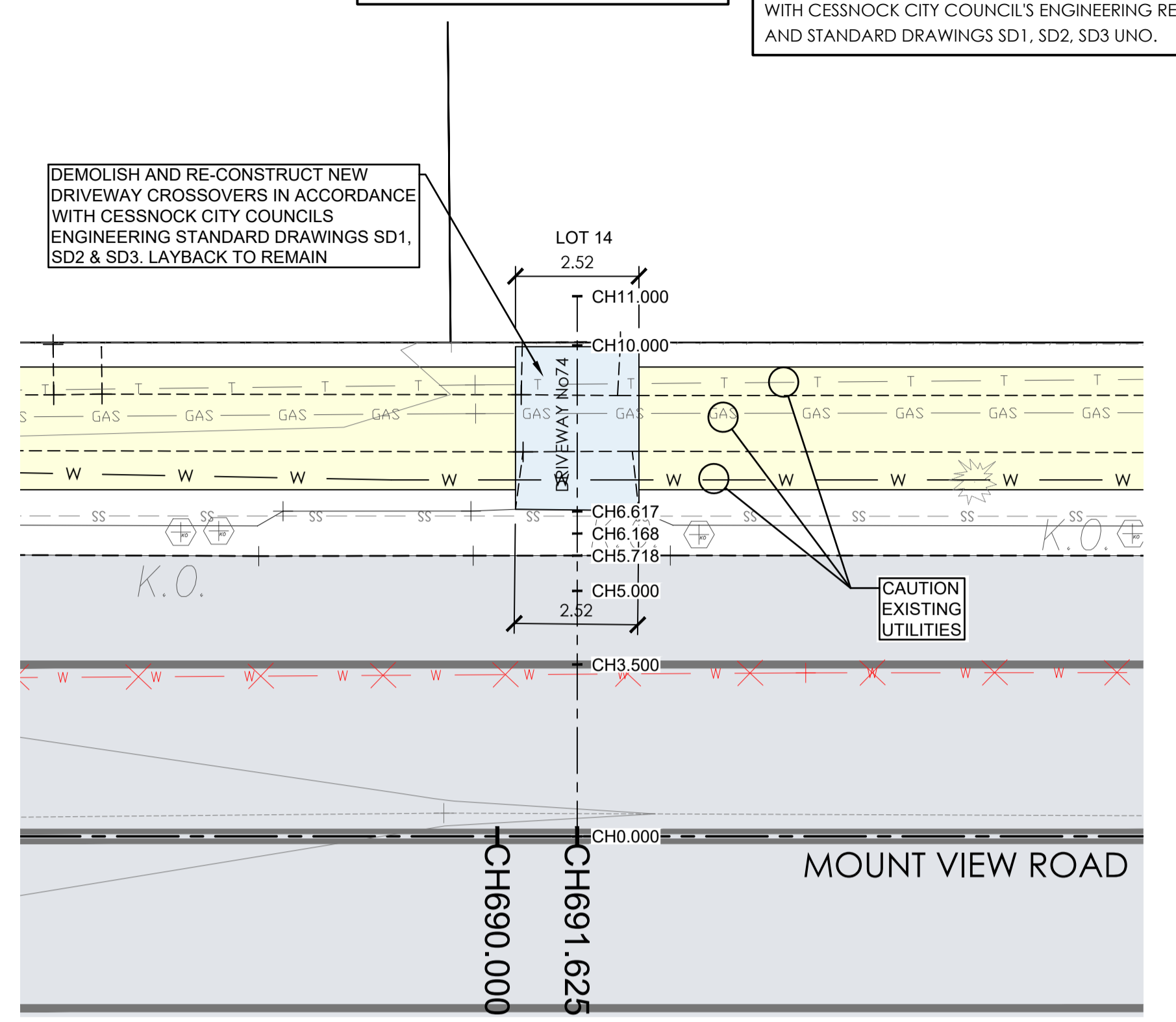
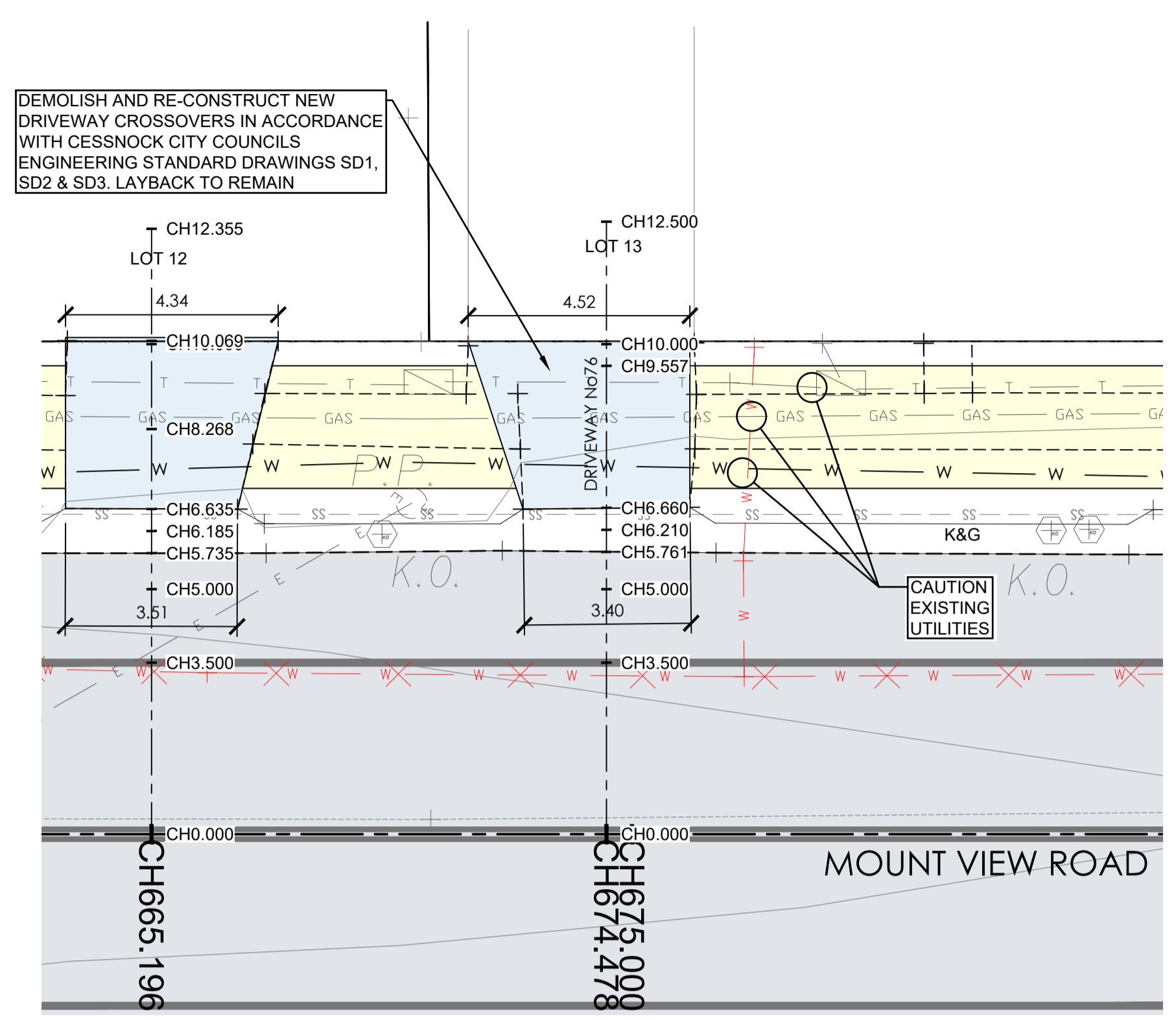
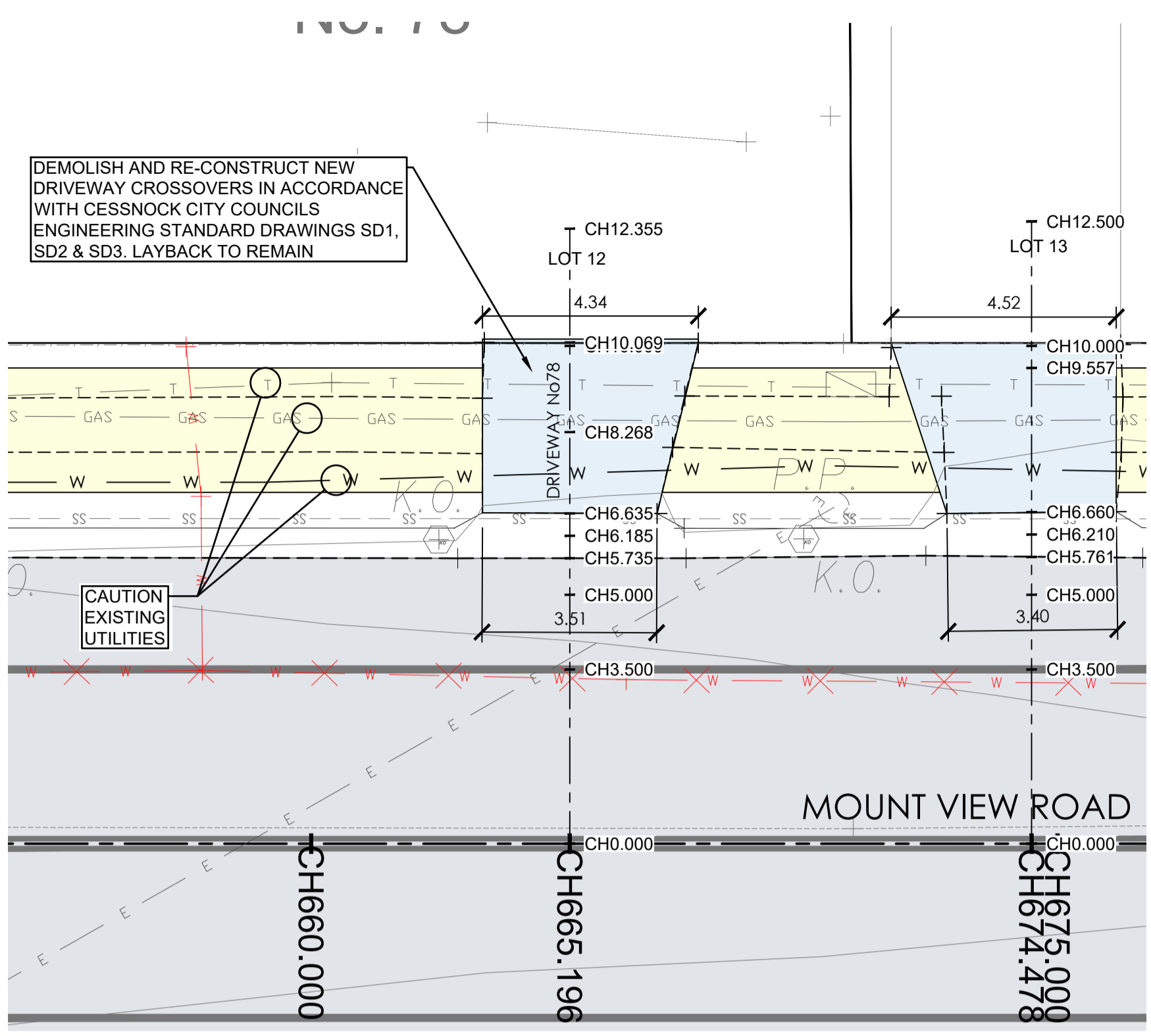
TRIAxIAL CONSULTING
COMPLEX PROBLEMS
RESOLVED SIMPLY

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UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259
TO BE PRINTED IN COLOUR

DRAWING TITLE
DRIVEWAY PLANS SHEET 5 OF 10
PROJECT No. **TX16685.00** CODE / SHEET No. **PW-905** ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

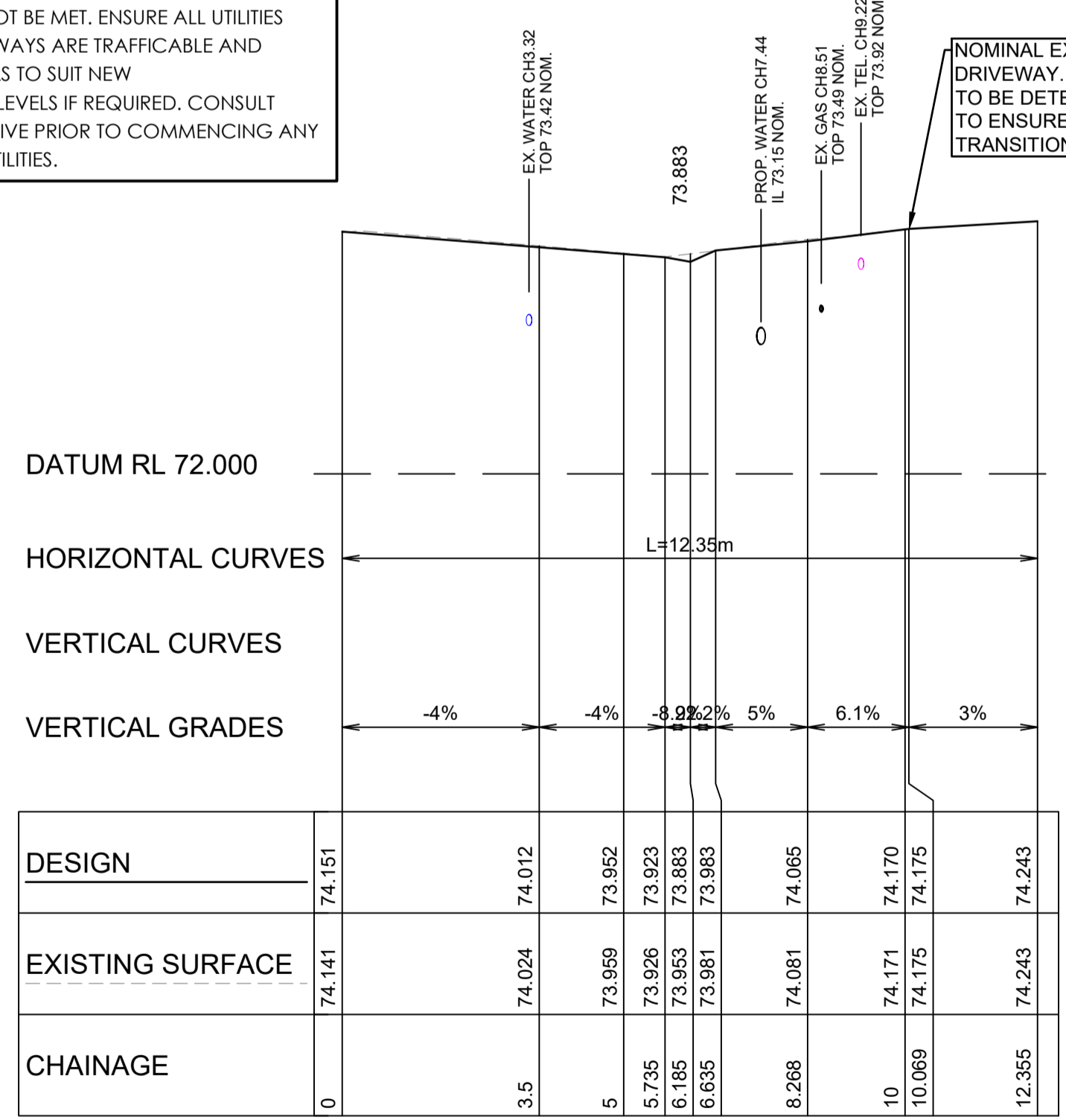


CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

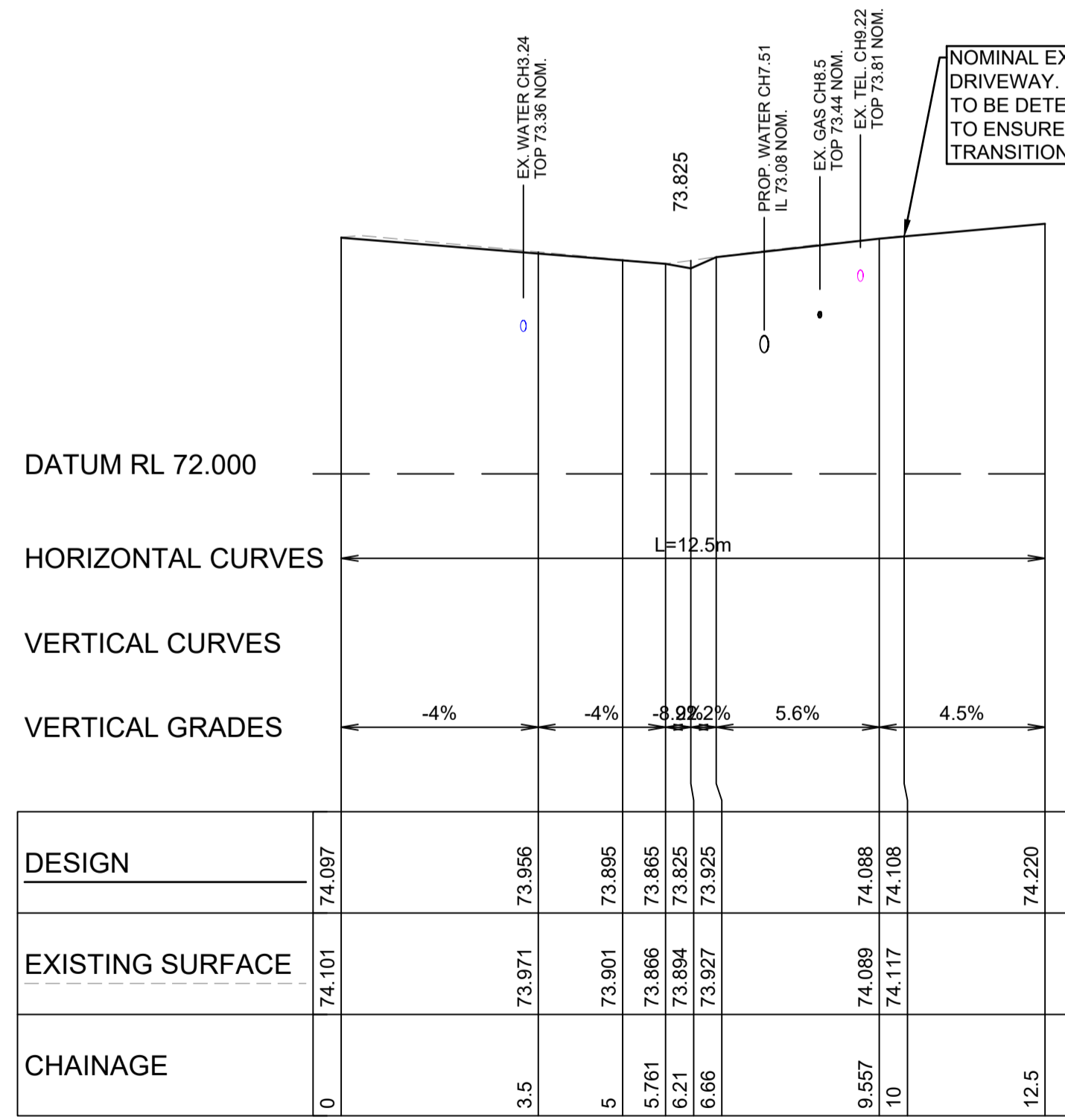
HOUSE No78 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No76 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

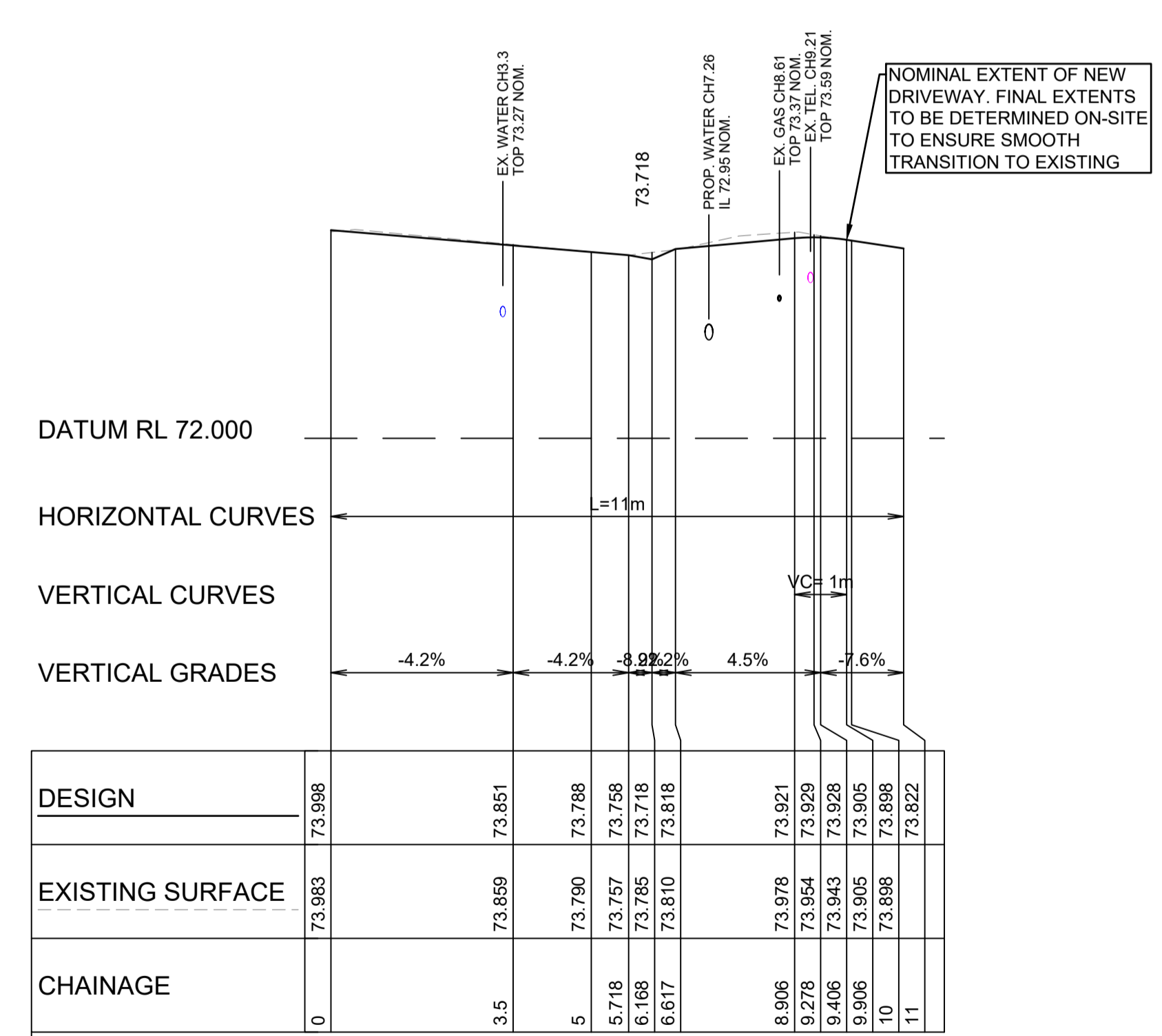
HOUSE No74 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No78 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50

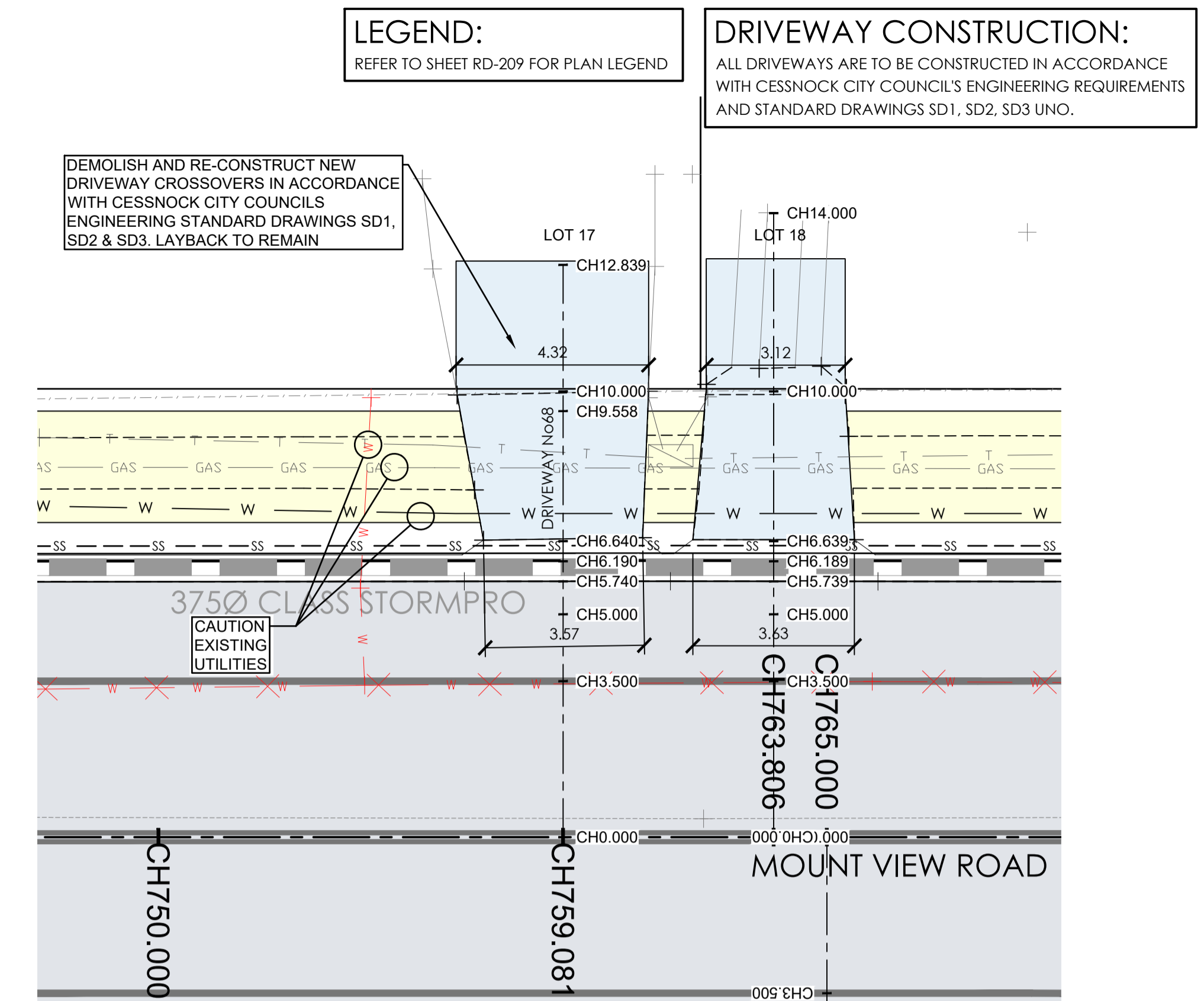
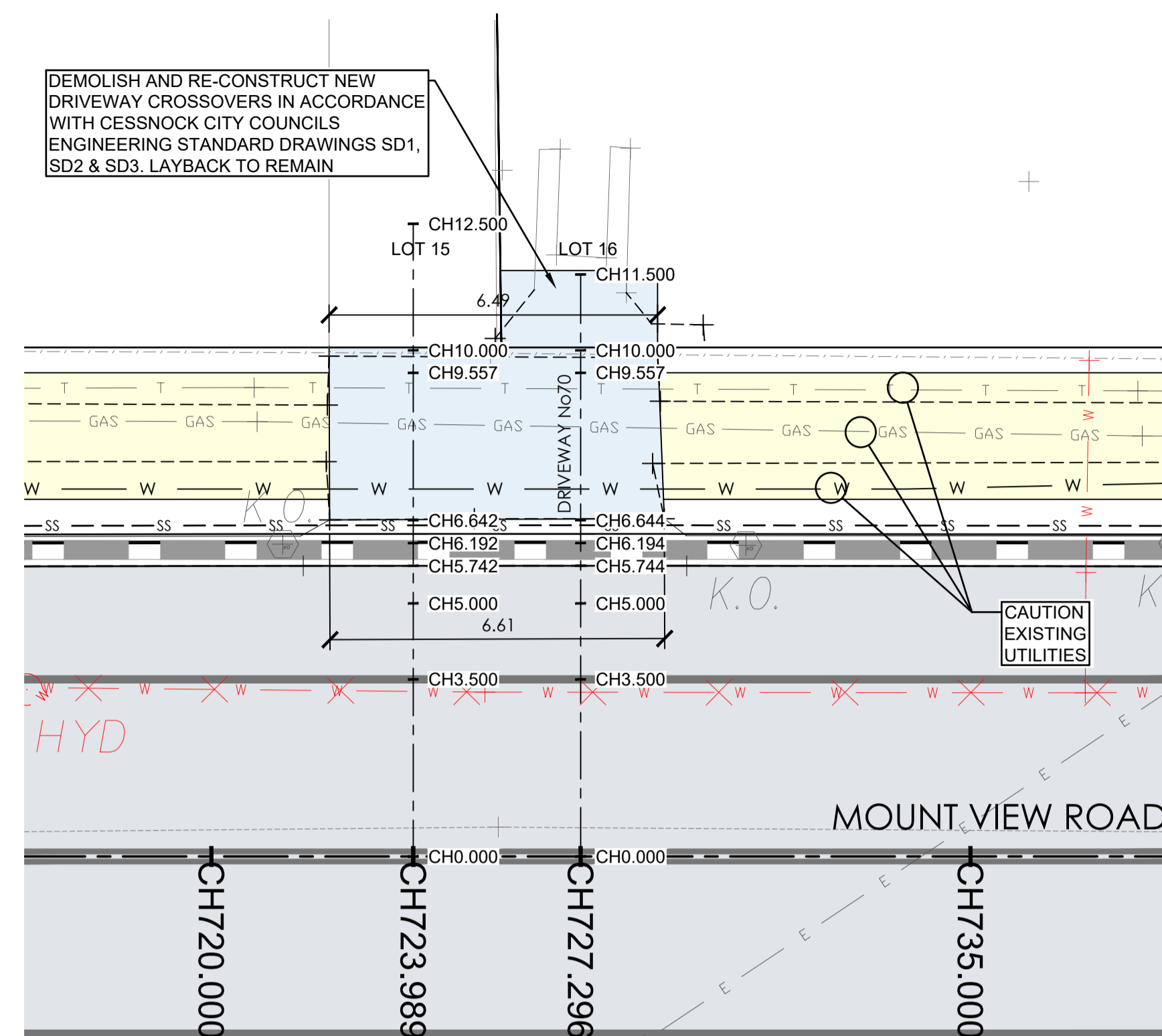
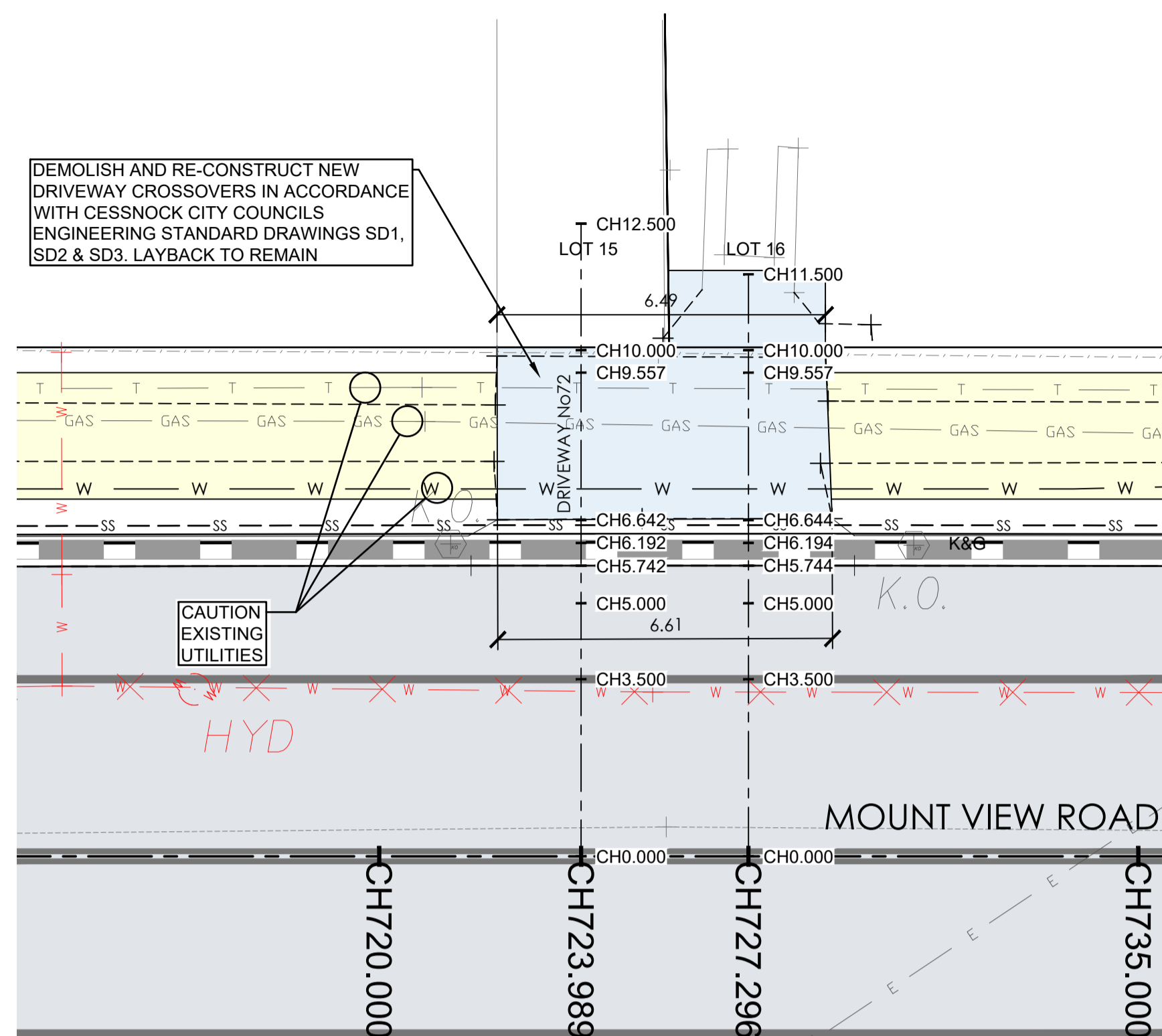


HOUSE No76 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



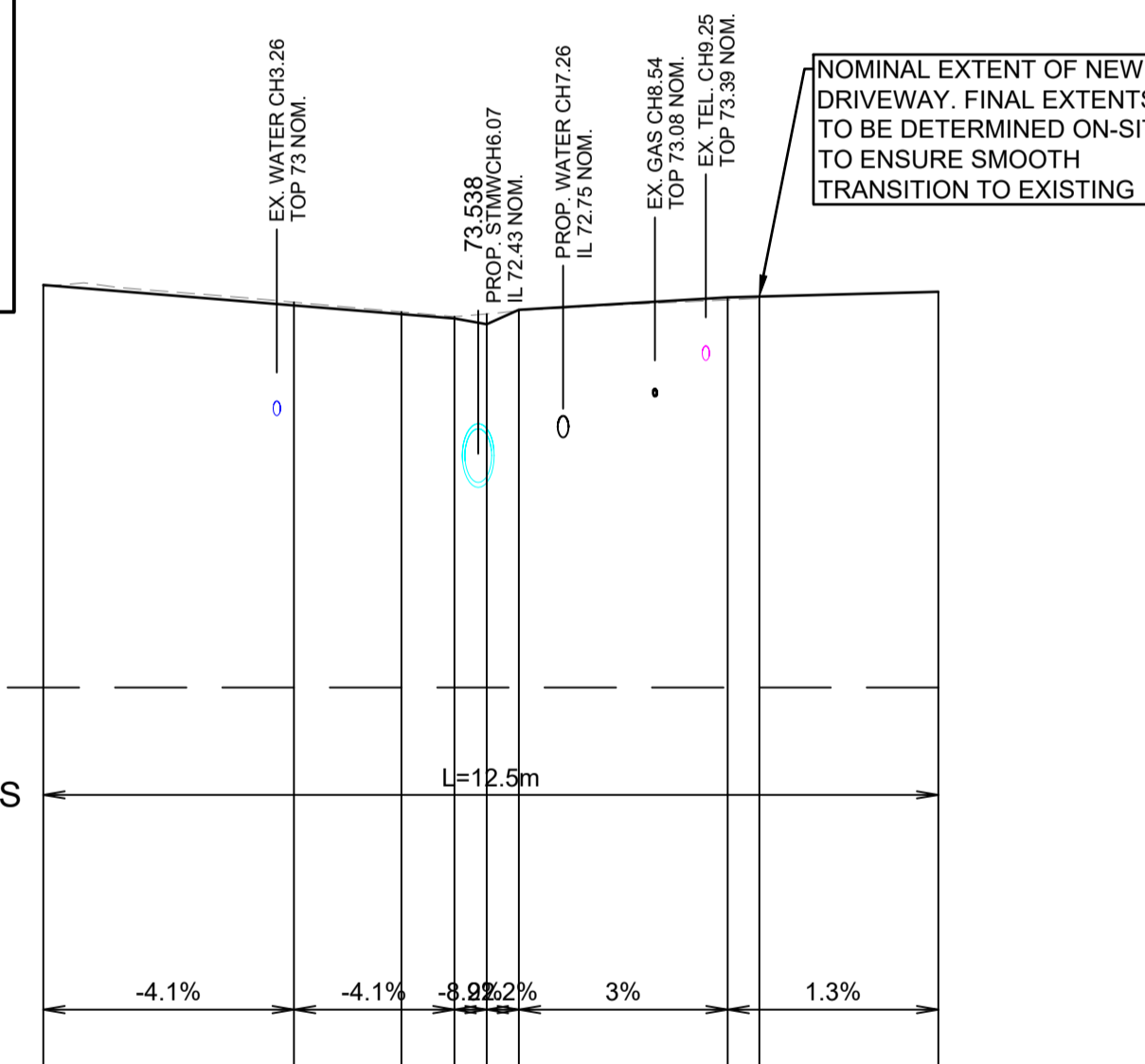
HOUSE No74 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50





CAUTION: UTILITIES AT DRIVEWAYS
 NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

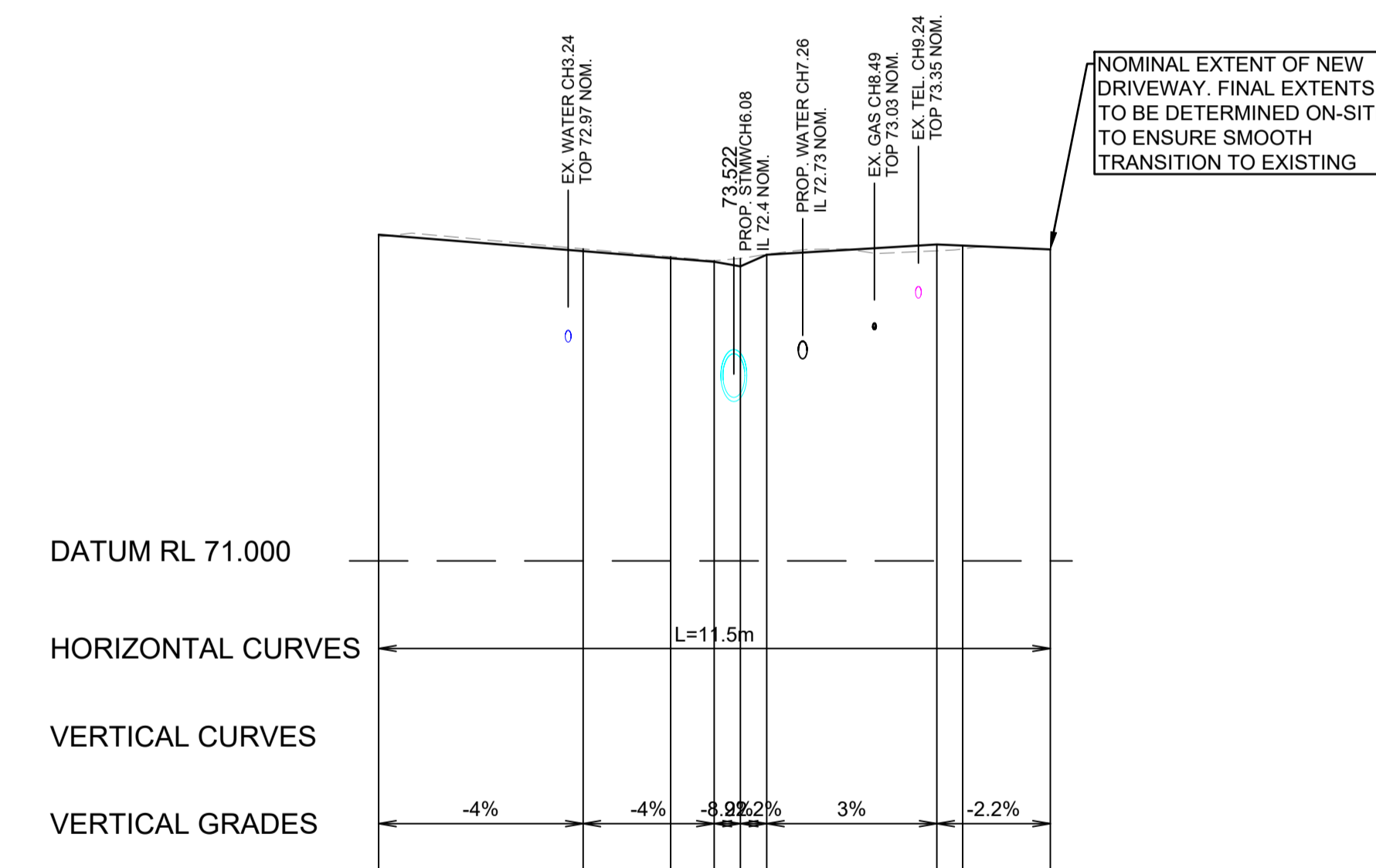
HOUSE No72 DRIVEWAY PLAN
 A1 HORZ SCALE 1:100



| | | | | | | | | | |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DESIGN | 73.812 | 73.669 | 73.608 | 73.578 | 73.538 | 73.638 | 73.726 | 73.732 | 73.764 |
| EXISTING SURFACE | 73.801 | 73.692 | 73.624 | 73.591 | 73.609 | 73.633 | 73.708 | 73.718 | 73.668 |
| CHAINAGE | 0 | 3.5 | 5 | 5.742 | 6.192 | 6.642 | 9.557 | 10 | 12.5 |

HOUSE No72 - DRIVEWAY LONGITUDINAL SECTION
 A1 HORZ SCALE 1:100
 A1 VERT SCALE 1:50

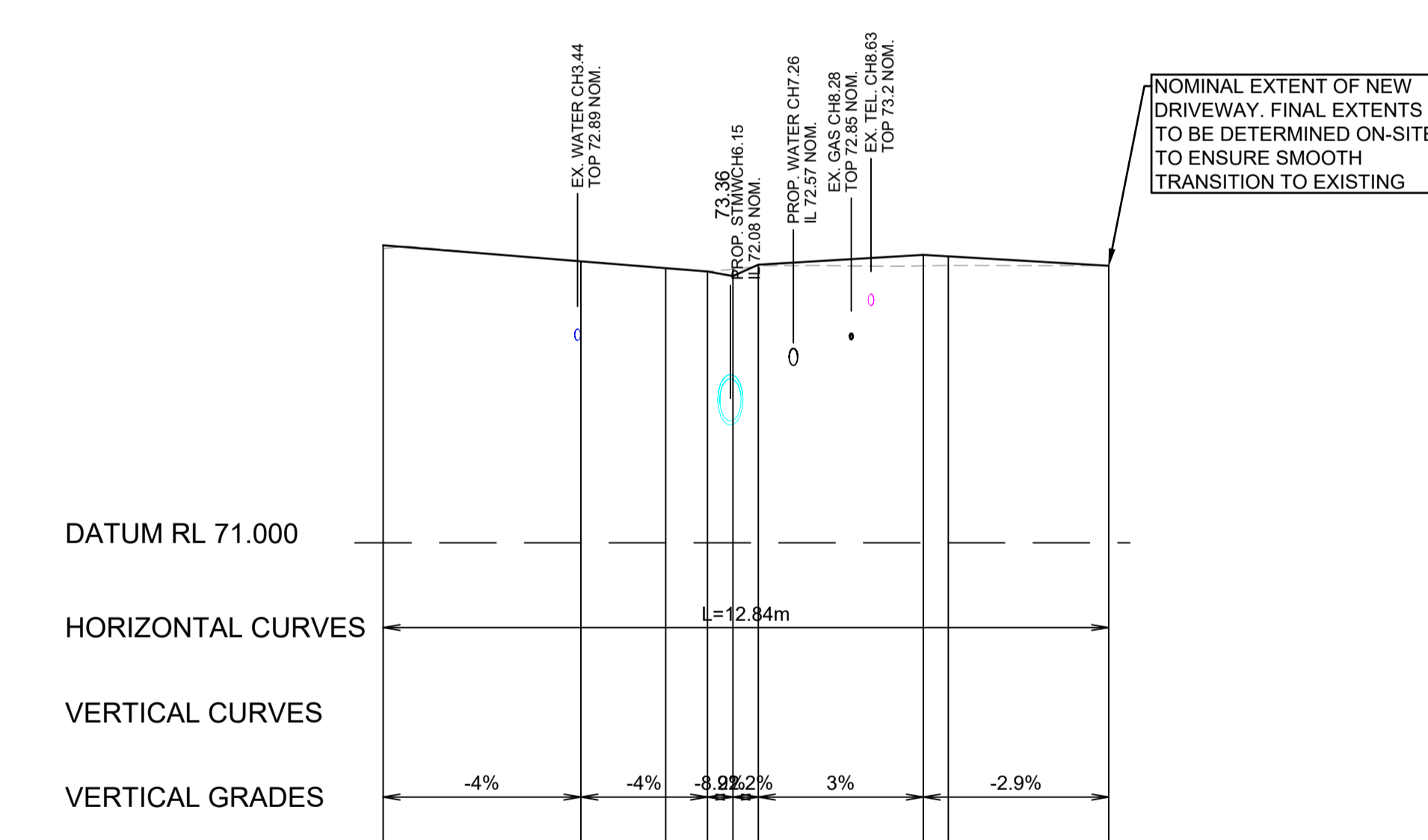
HOUSE No70 DRIVEWAY PLAN
 A1 HORZ SCALE 1:100



| | | | | | | | | | |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DESIGN | 73.793 | 73.652 | 73.592 | 73.562 | 73.522 | 73.622 | 73.709 | 73.700 | 73.667 |
| EXISTING SURFACE | 73.775 | 73.672 | 73.605 | 73.571 | 73.590 | 73.626 | 73.655 | 73.671 | 73.668 |
| CHAINAGE | 0 | 3.5 | 5 | 5.744 | 6.194 | 6.644 | 9.557 | 10 | 11.5 |

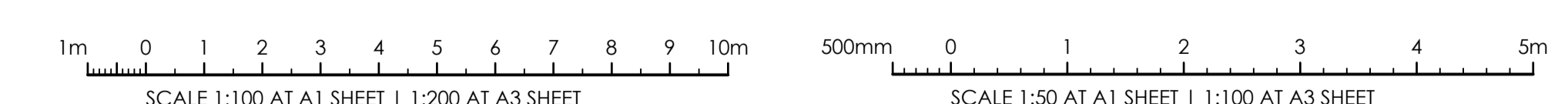
HOUSE No70 - DRIVEWAY LONGITUDINAL SECTION
 A1 HORZ SCALE 1:100
 A1 VERT SCALE 1:50

HOUSE No68 DRIVEWAY PLAN
 A1 HORZ SCALE 1:100

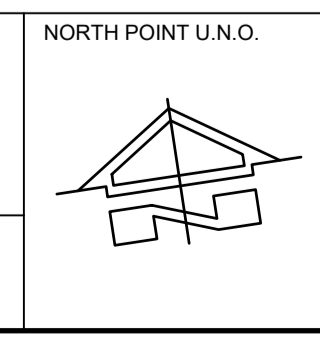


| | | | | | | | | | |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| DESIGN | 73.652 | 73.491 | 73.490 | 73.400 | 73.360 | 73.460 | 73.548 | 73.535 | 73.452 |
| EXISTING SURFACE | 73.601 | 73.488 | 73.450 | 73.402 | 73.420 | 73.448 | 73.451 | 73.454 | 73.452 |
| CHAINAGE | 0 | 3.5 | 5 | 5.74 | 6.19 | 6.64 | 9.558 | 10 | 12.839 |

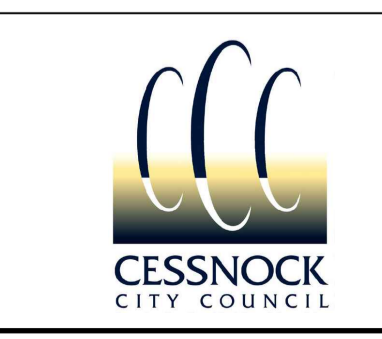
HOUSE No68 - DRIVEWAY LONGITUDINAL SECTION
 A1 HORZ SCALE 1:100
 A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
 ISSUE FOR TENDER 14.12.22 00 CW
 AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



CLIENT / LGP
Public Works
 Department of Regional NSW
 CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
 MOUNTVIEW ROAD, CESSNOCK NSW
 (FROM LINKS AVE TO BARRETT'S AVE)
 DESIGNED BW
 DRAWN CW
 DATE DEC 22
 SIZE A1
 CAD REF TX16685.00

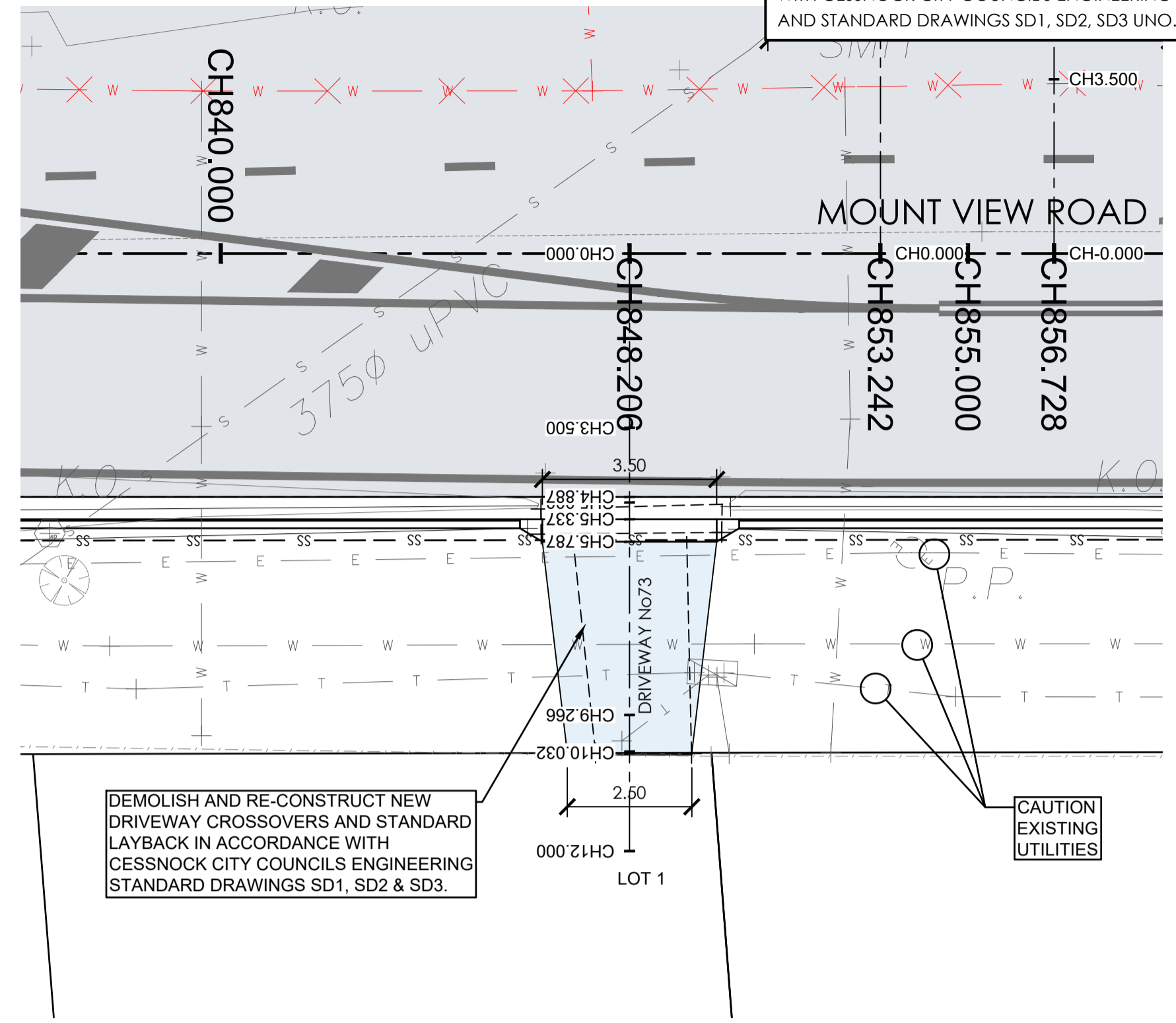
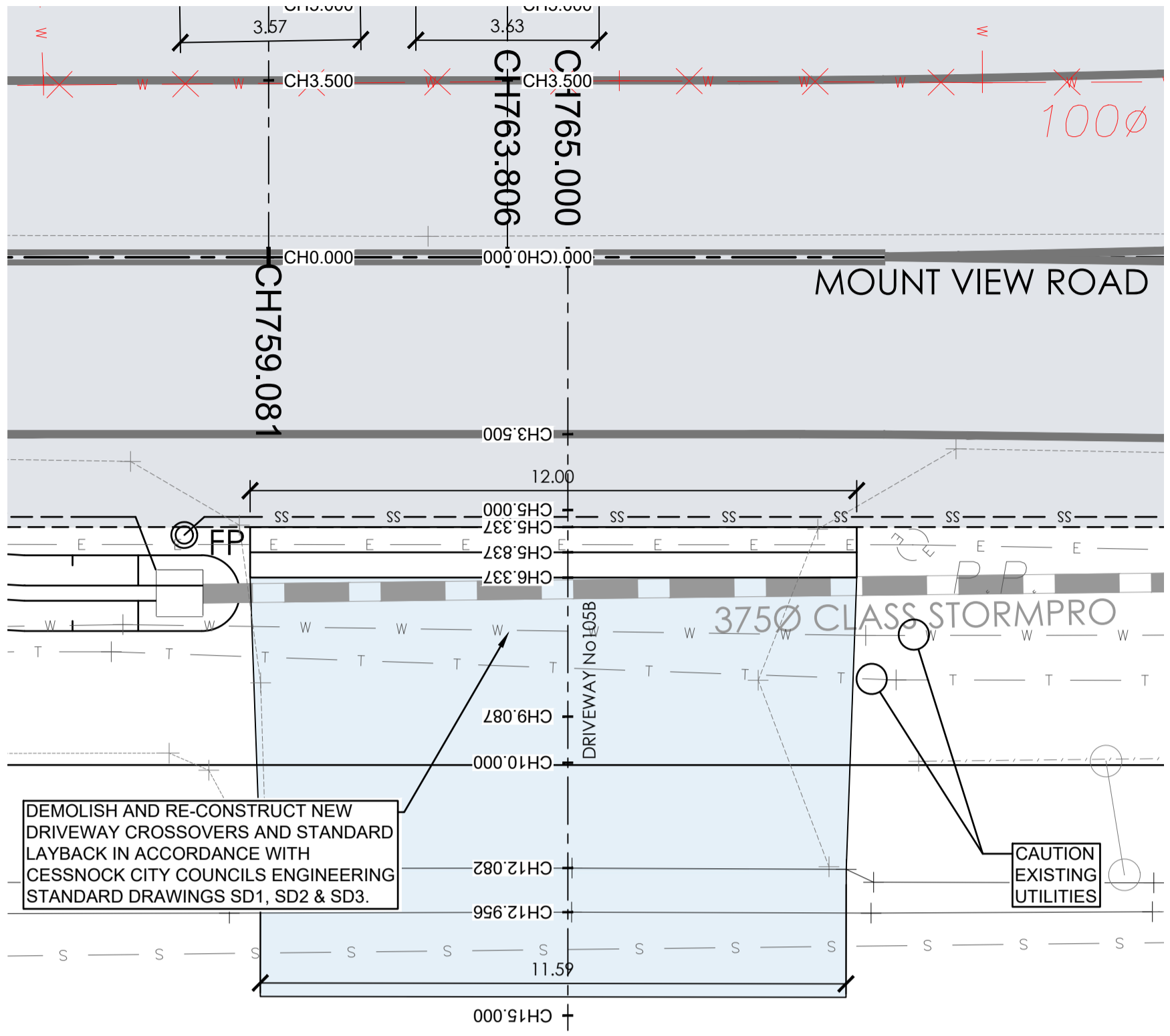
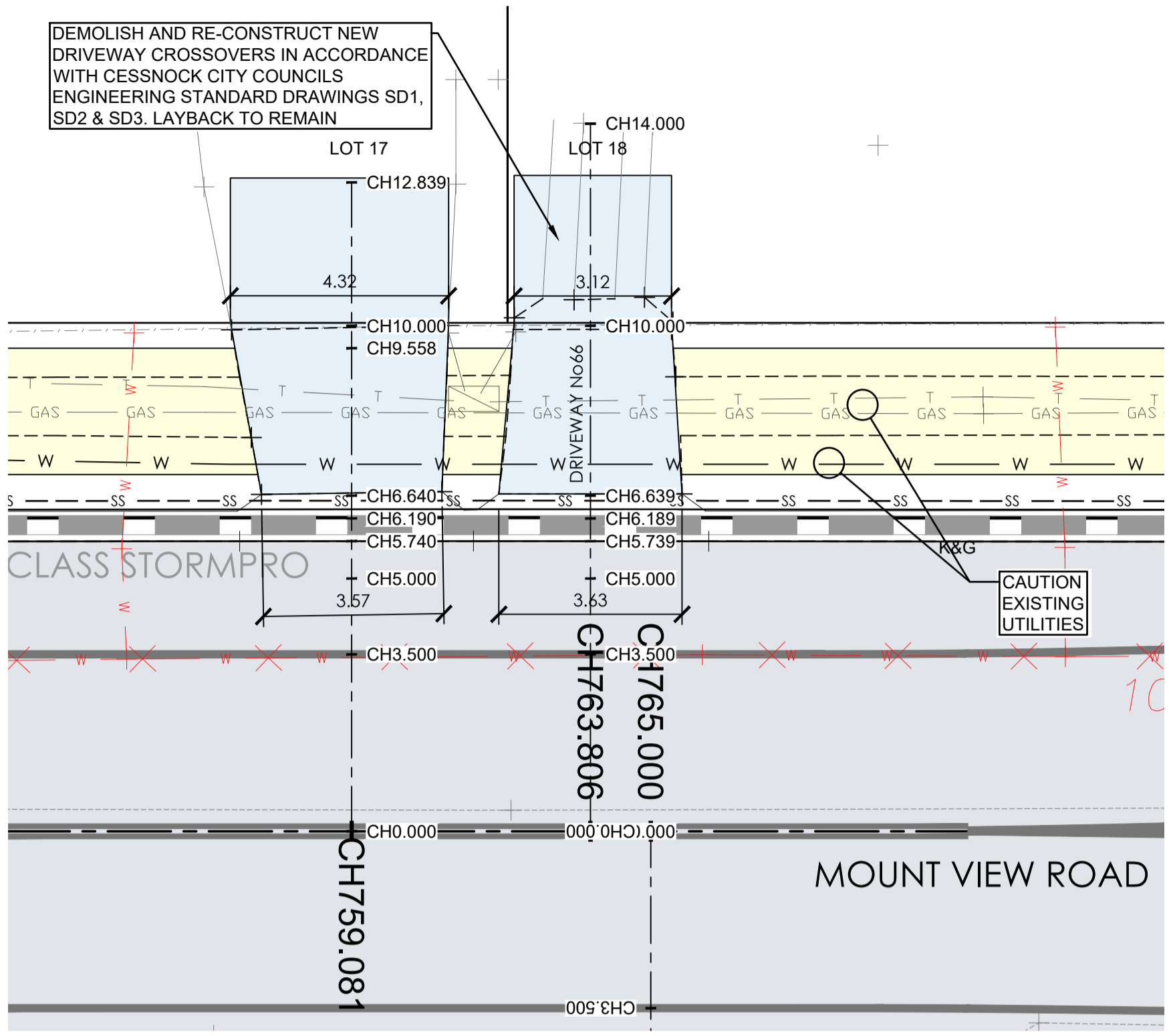


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DRAWING TITLE
DRIVEWAY PLANS SHEET 7 OF 10
 PROJECT No. **TX16685.00** CODE / SHEET No. **PW-907** ISSUE **01**

LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

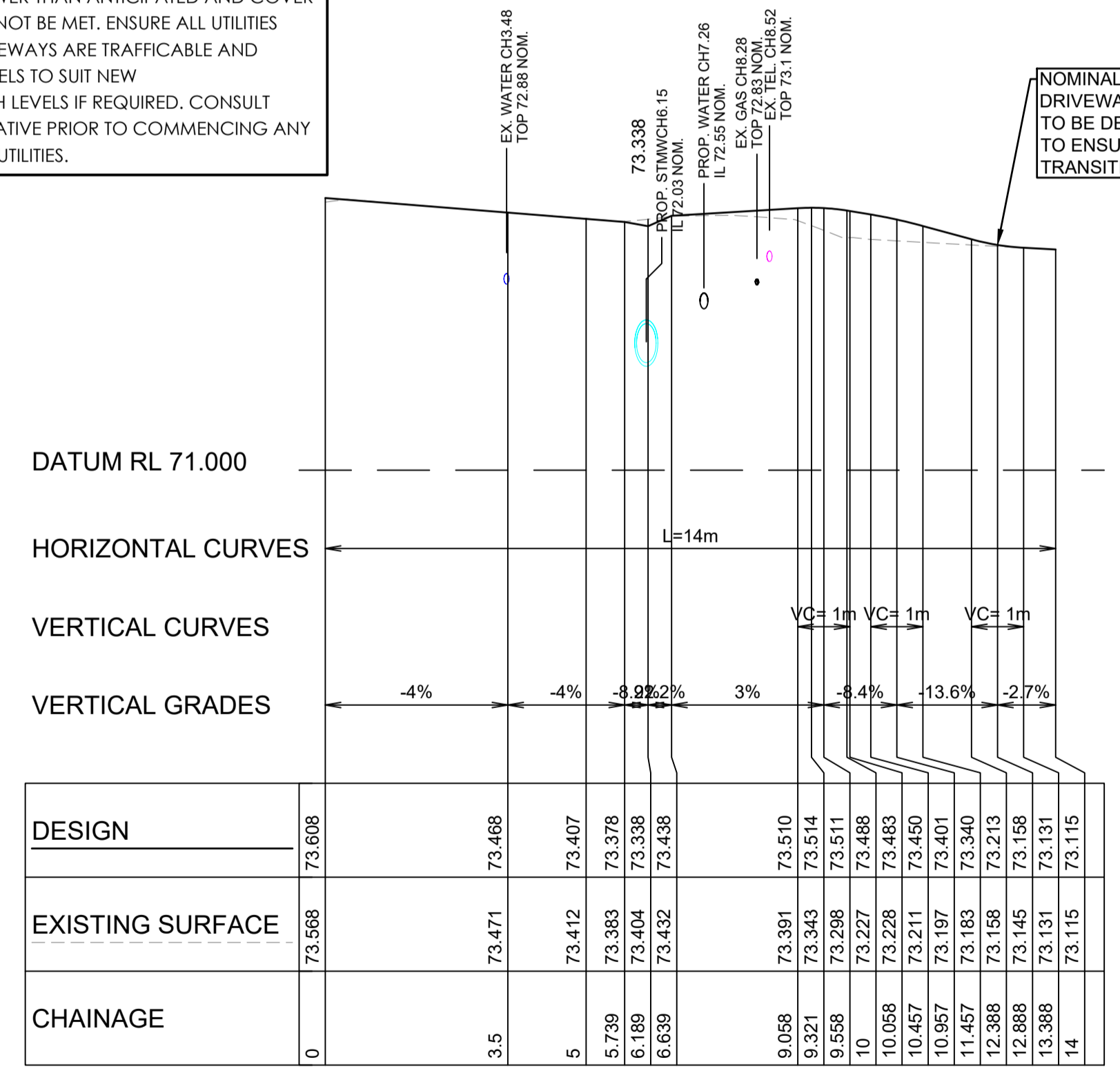


CAUTION: UTILITIES AT DRIVEWAYS
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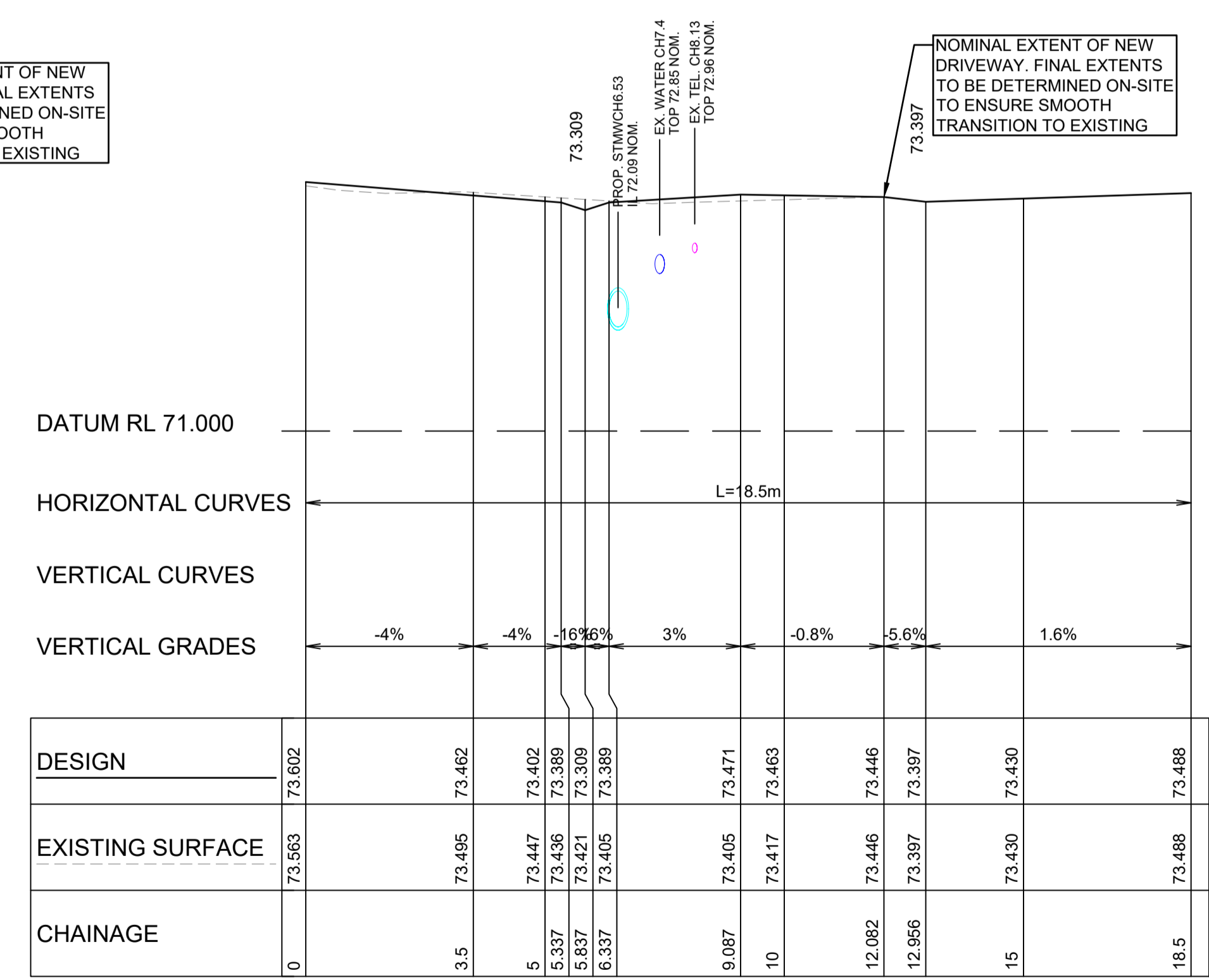
HOUSE No66 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No105B DRIVEWAY PLAN
A1 HORZ SCALE 1:100

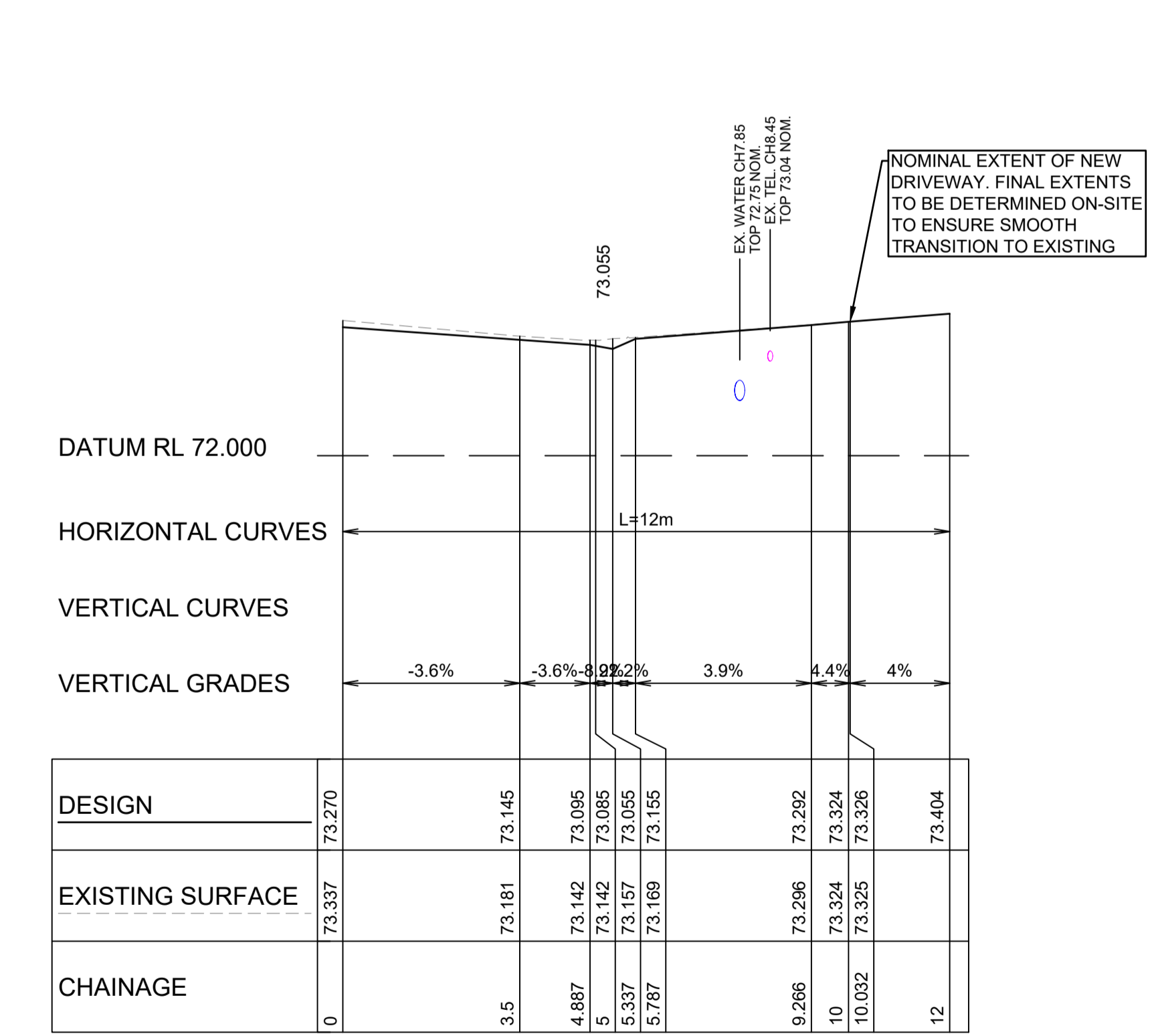
HOUSE No73 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No66 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



HOUSE No105B - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50

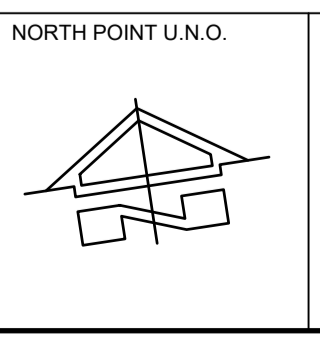


HOUSE No73 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY

FOR CONSTRUCTION



NORTH POINT U.N.O. CLIENT / LGP

Public Works
Department of Regional NSW

NSW GOVERNMENT

CONTRACT No RFT-10055031

CESSNOCK CITY COUNCIL

PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)

DESIGNED BW
DRAWN CW
DATE DEC 22
SIZE A1
CAD REF TX16685.00 -

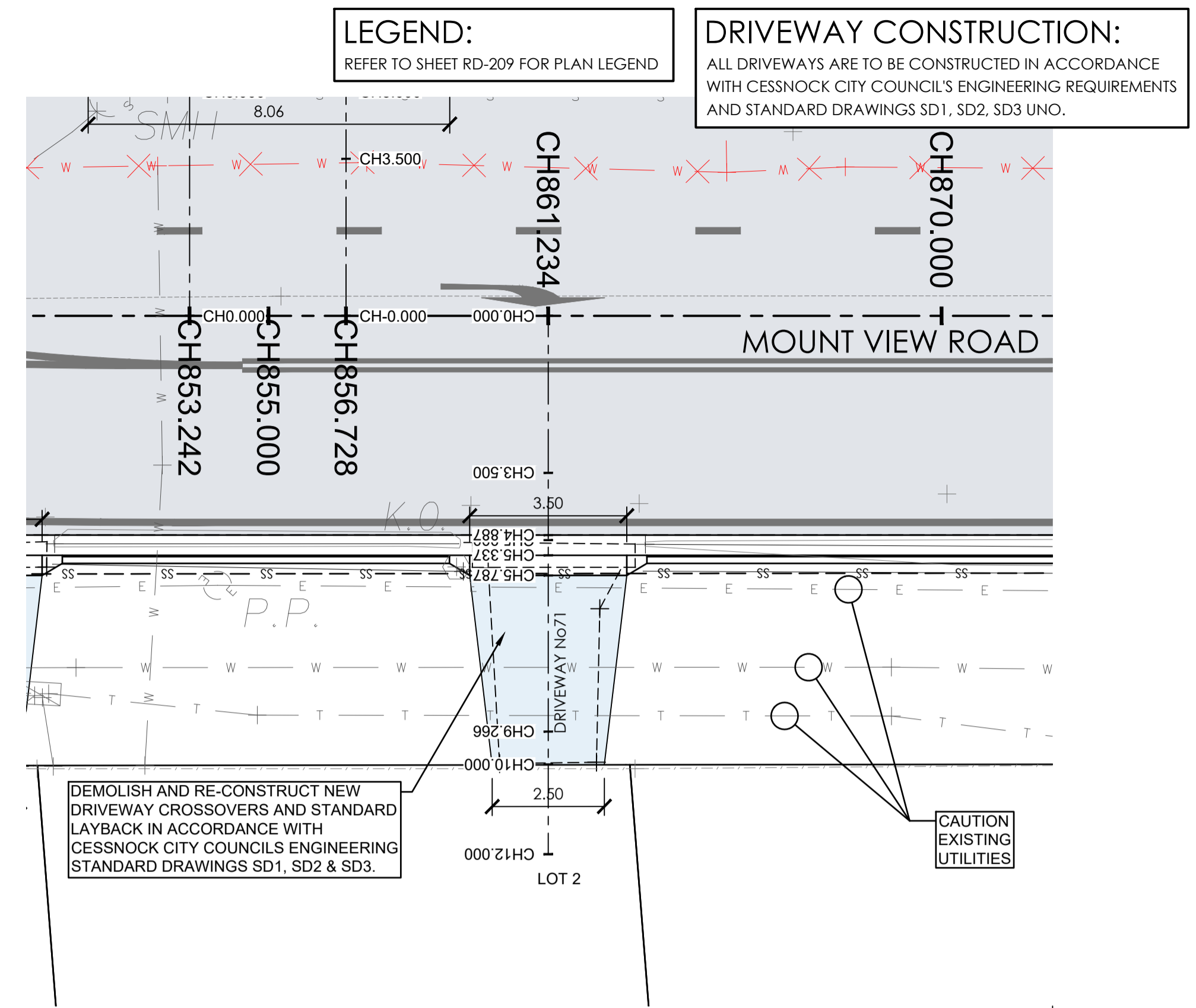
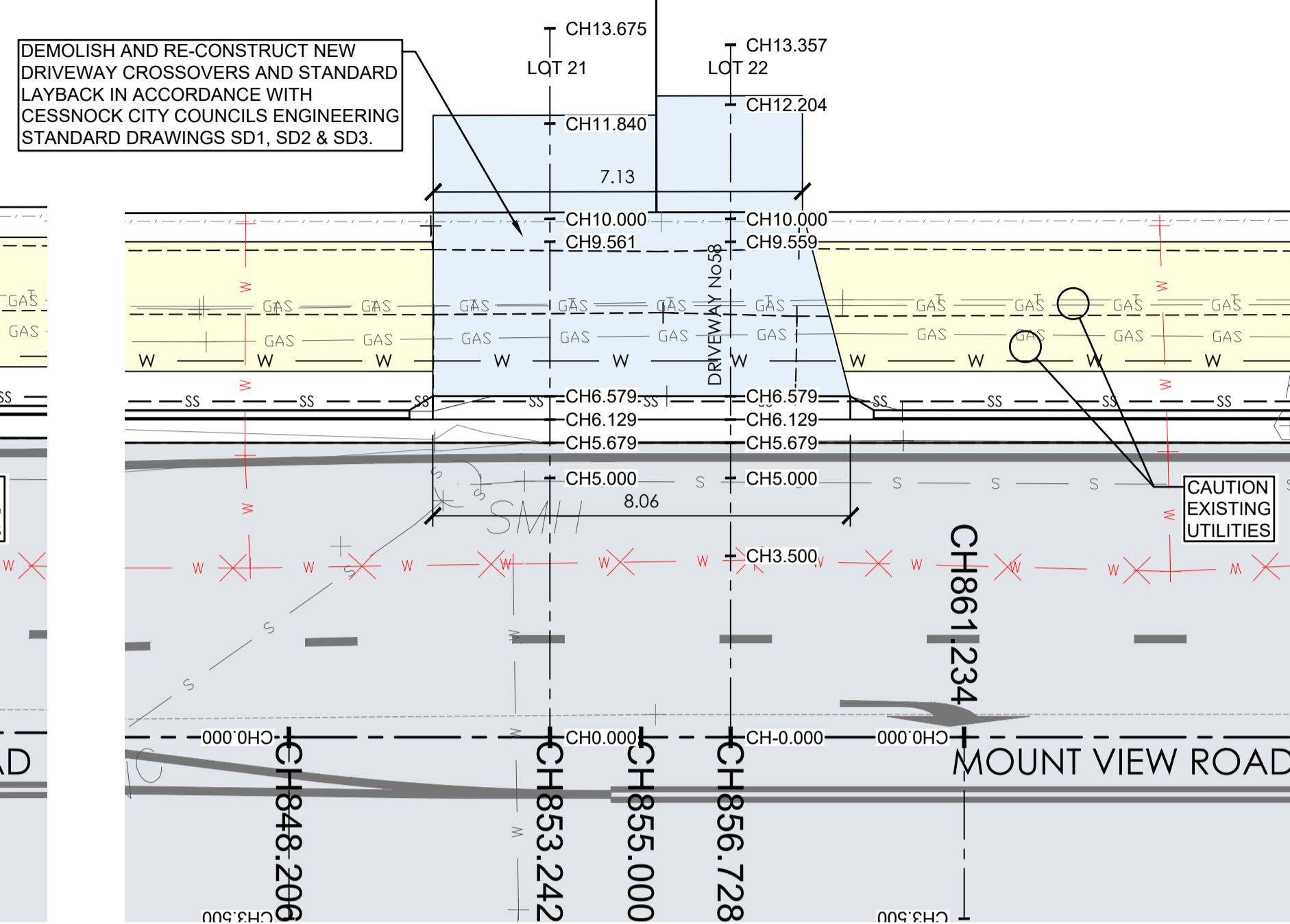
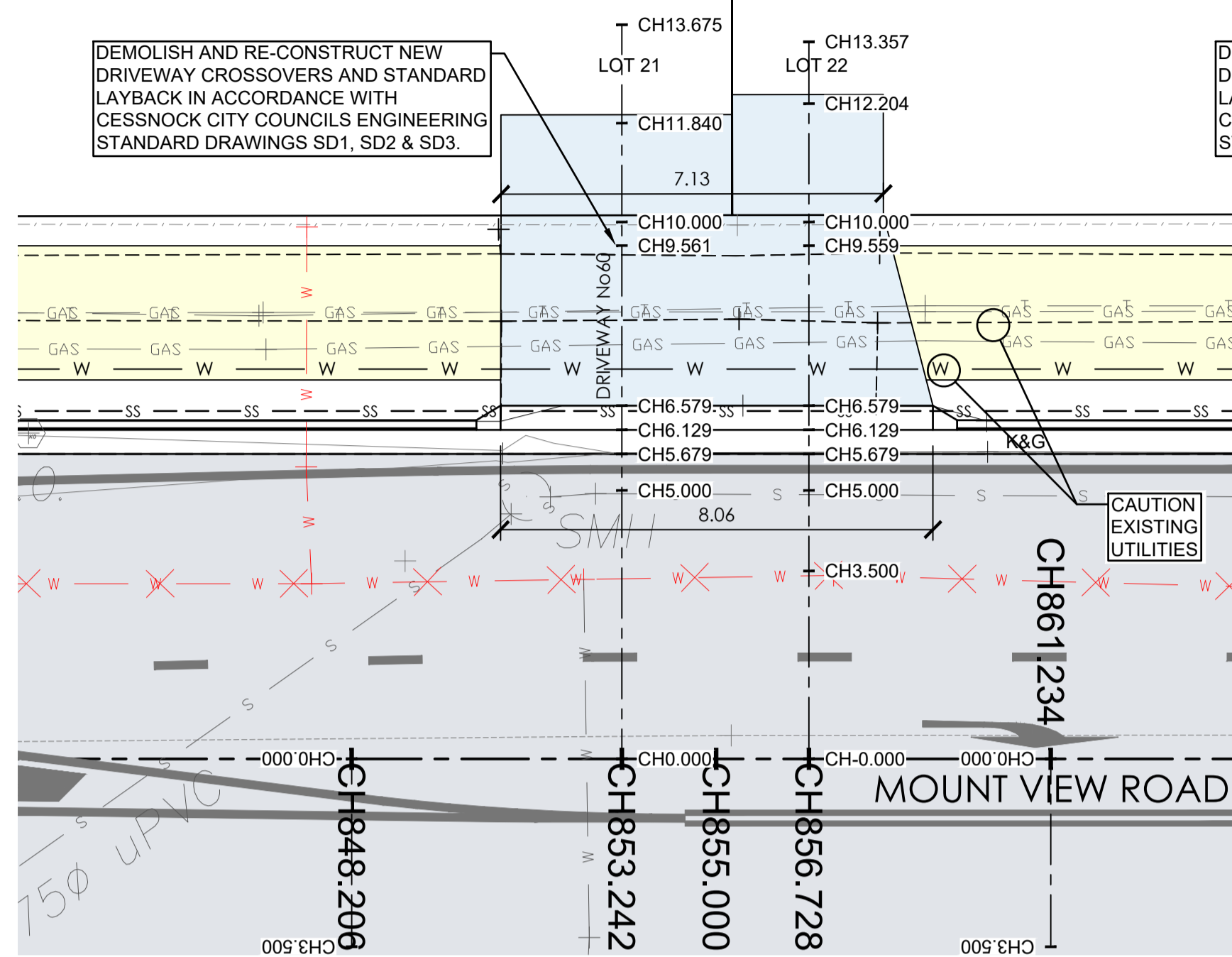


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UNIT 5, 166 HANNELL STREET, MARYVILLE NSW 2293
PO BOX 3197, TUGGERAH NSW 2259

TO BE PRINTED IN COLOUR

DRAWING TITLE
DRIVEWAY PLANS SHEET 8 OF 10

PROJECT No. **TX16685.00** CODE / SHEET No. **PW-908** ISSUE **01**



LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

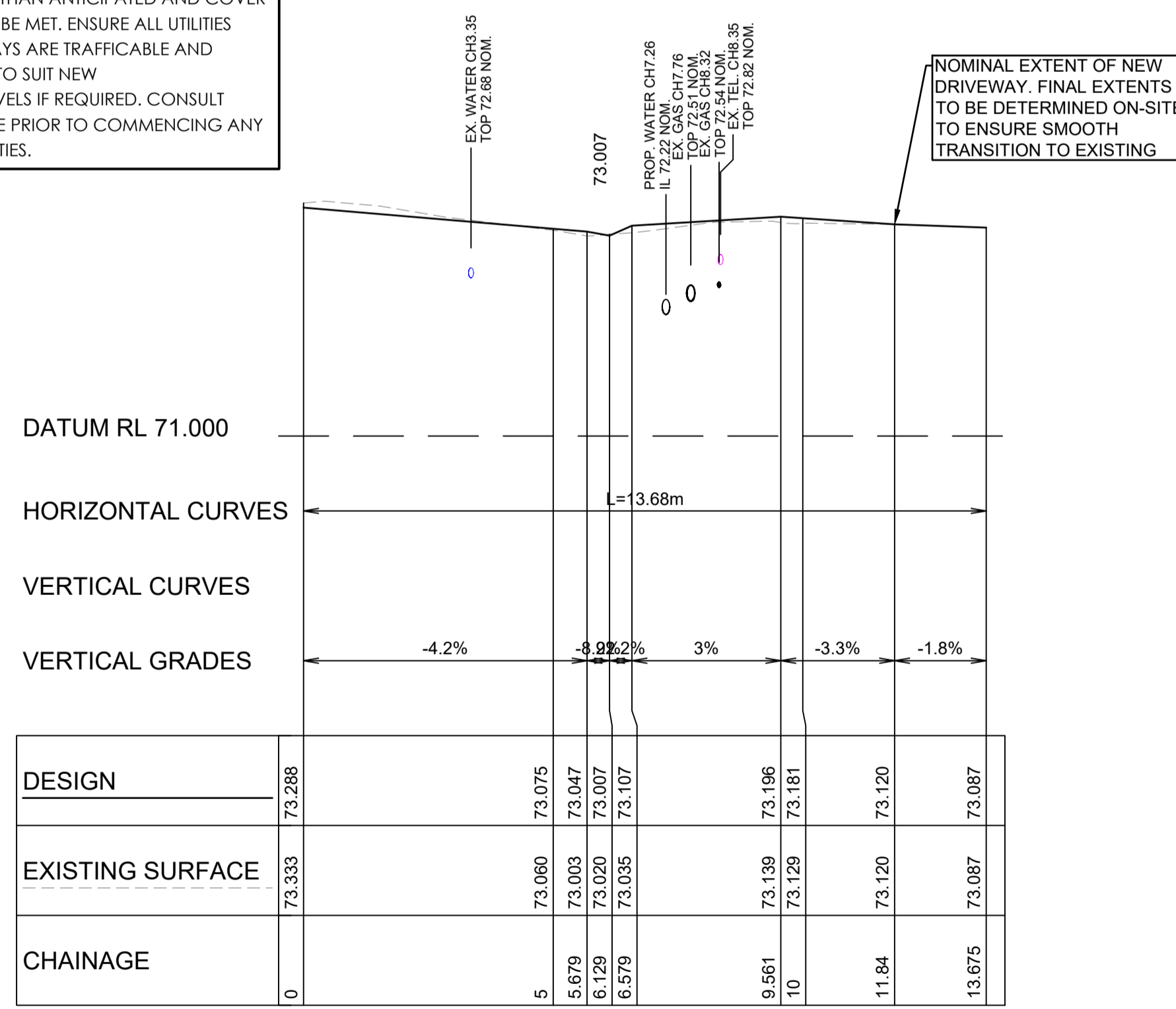
DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.

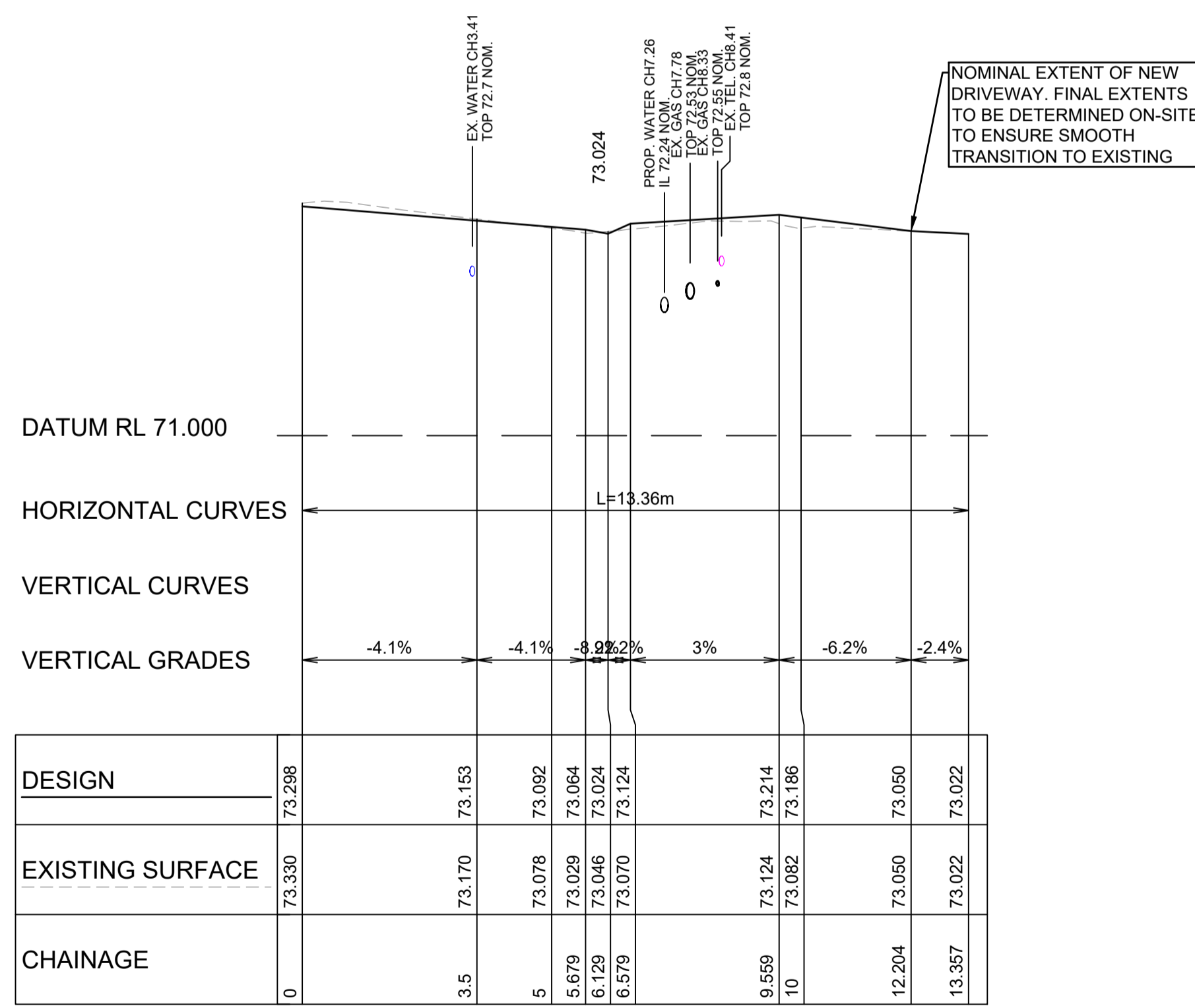
HOUSE No60 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

HOUSE No58 DRIVEWAY PLAN
A1 HORZ SCALE 1:100

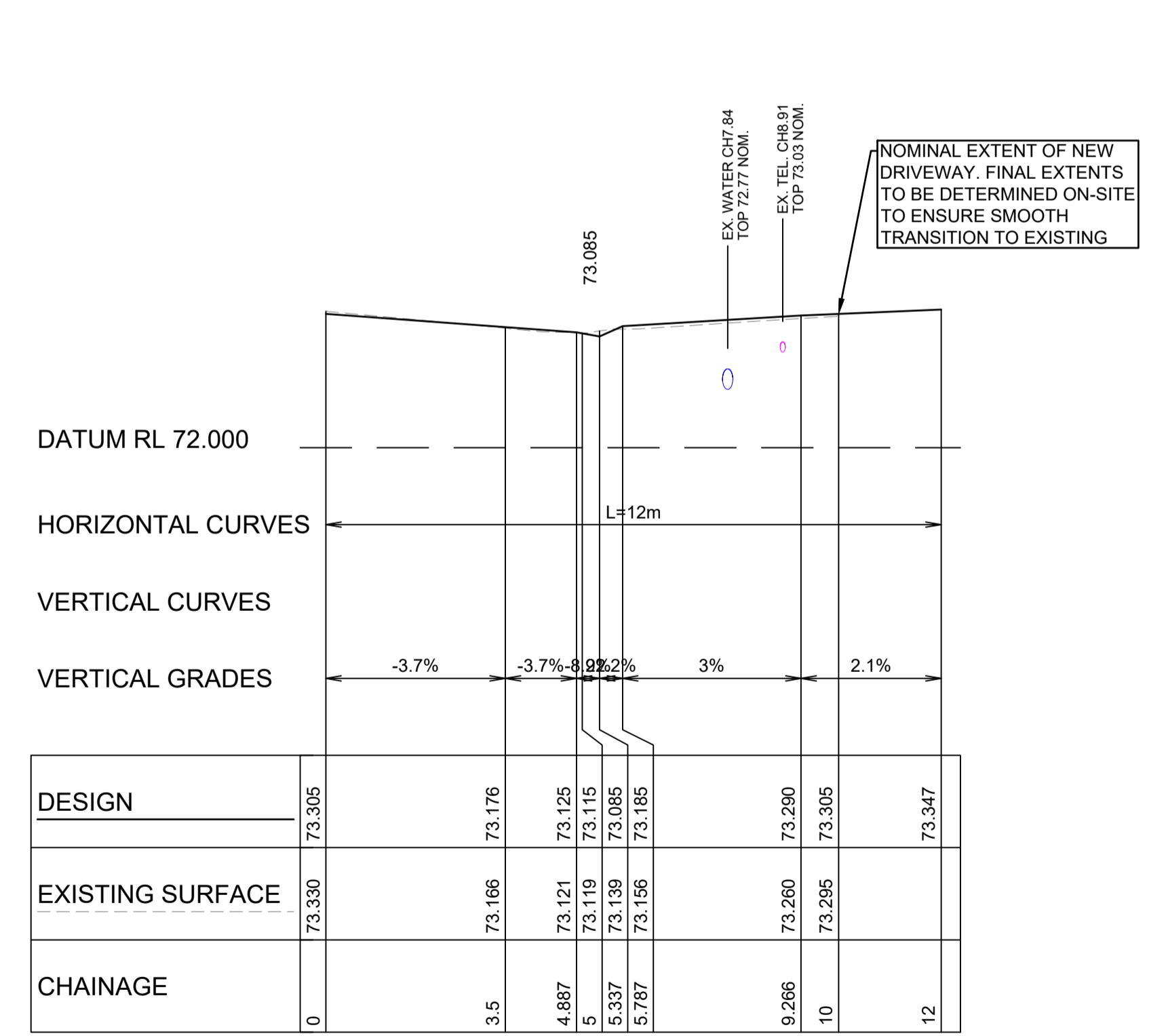
HOUSE No71 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



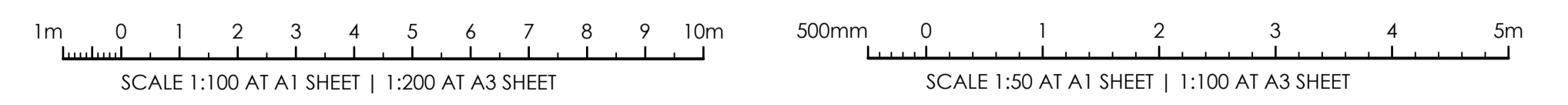
HOUSE No60 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



HOUSE No58 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



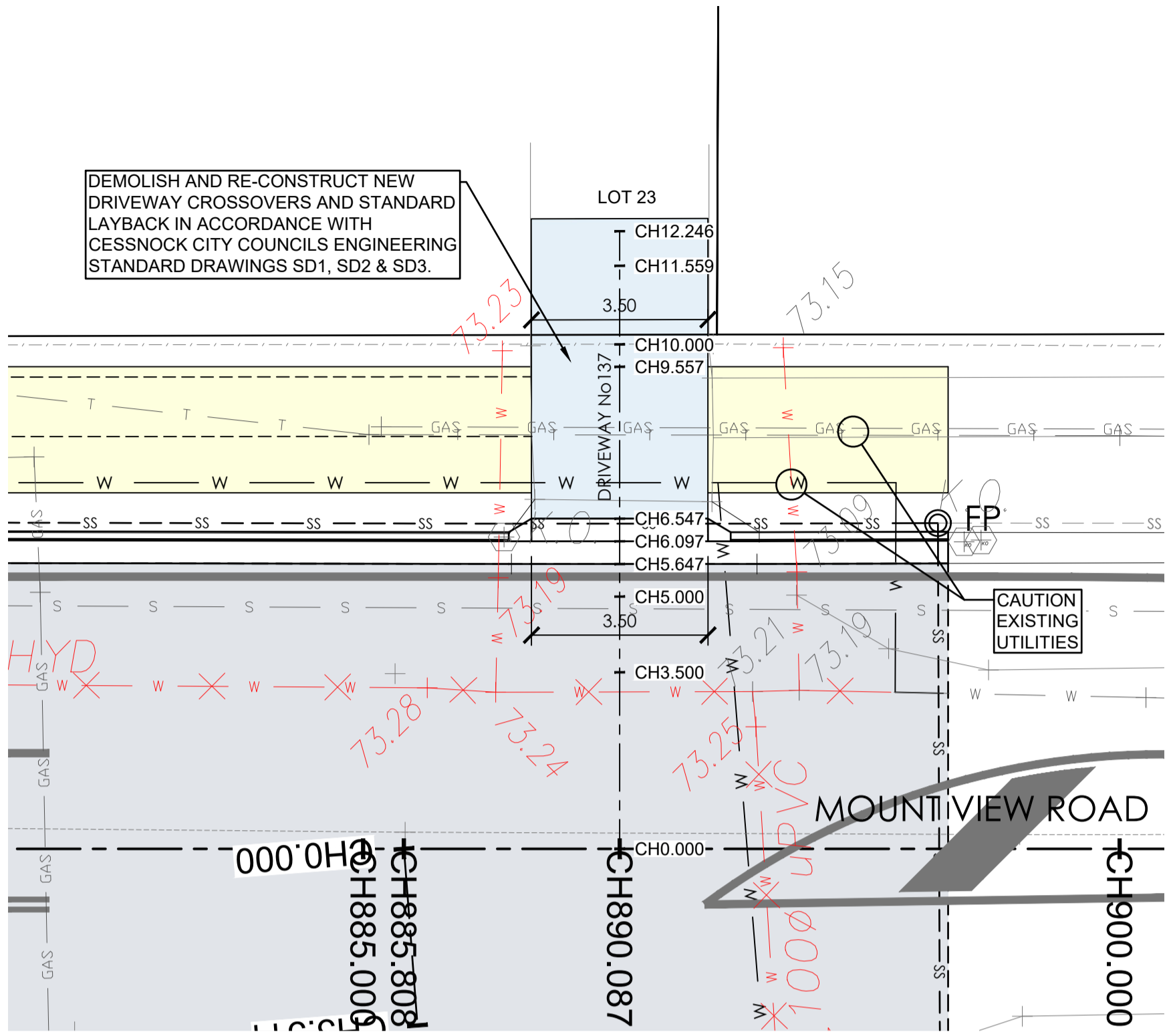
HOUSE No71 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



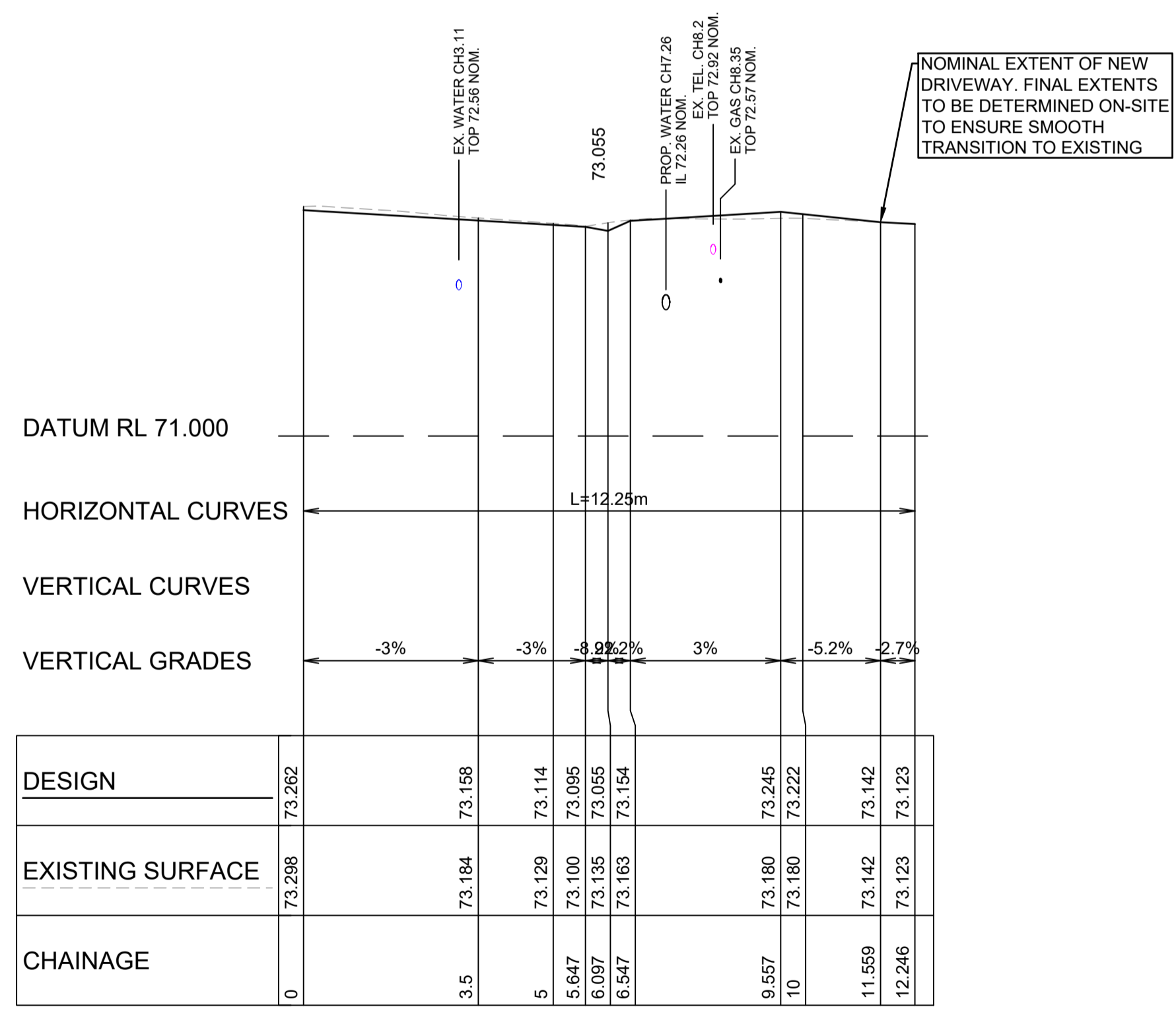
LEGEND:
REFER TO SHEET RD-209 FOR PLAN LEGEND

DRIVEWAY CONSTRUCTION:
ALL DRIVEWAYS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CESSNOCK CITY COUNCIL'S ENGINEERING REQUIREMENTS AND STANDARD DRAWINGS SD1, SD2, SD3 UNO.

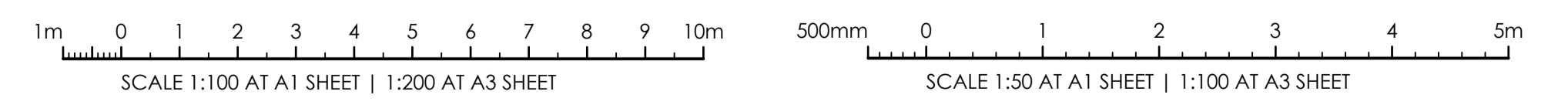
CAUTION: UTILITIES AT DRIVEWAYS
NOT ALL UTILITIES WERE PHYSICALLY LOCATED AT THE TIME OF DESIGN. CONTRACTOR TO LOCATE UTILITIES PRIOR TO CONSTRUCTION AND CONFIRM THAT ADEQUATE COVER CAN BE ACHIEVED WHERE NEW CONCRETE IS BEING PROVIDED. CONTACT COUNCIL REPRESENTATIVE IF UTILITIES ARE SHALLOWER THAN ANTICIPATED AND COVER REQUIREMENTS CAN NOT BE MET. ENSURE ALL UTILITIES COVERS WITHIN DRIVEWAYS ARE TRAFFICABLE AND LOCALLY ADJUST LEVELS TO SUIT NEW DRIVEWAY/FOOTPATH LEVELS IF REQUIRED. CONSULT COUNCIL REPRESENTATIVE PRIOR TO COMMENCING ANY WORKS ON EXISTING UTILITIES.



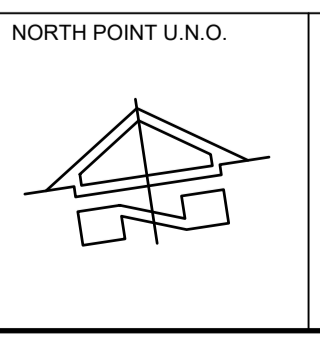
HOUSE No56 DRIVEWAY PLAN
A1 HORZ SCALE 1:100



HOUSE No56 - DRIVEWAY LONGITUDINAL SECTION
A1 HORZ SCALE 1:100
A1 VERT SCALE 1:50



ISSUE FOR CONSTRUCTION 19.05.23 01 CW
ISSUE FOR TENDER 14.12.22 00 CW
AMENDMENTS DATE ISSUE BY
FOR CONSTRUCTION



CLIENT / LGP
Public Works
Department of Regional NSW
CONTRACT No RFT-10055031



PROJECT
MOUNTVIEW ROAD REHABILITATION
MOUNTVIEW ROAD, CESSNOCK NSW
(FROM LINKS AVE TO BARRETT'S AVE)
DESIGNED BW DRAWN CW DATE DEC 22 SIZE A1 CAD REF TX16685.00 -



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DRAWING TITLE
DRIVEWAY PLANS SHEET 10 OF 10
PROJECT No. TX16685.00 CODE / SHEET No. PW-910 ISSUE 01