2, 2A HEPBURN AVE & 199 - 207 CARLINGFORD ROAD CARLINGFORD



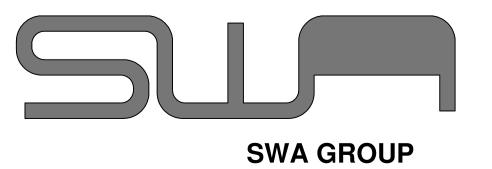
LOCALITY PLAN NOT TO SCALE COPYRIGHT OF GOOGLE MAP, 2017

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Engineering Value

ARCHITECT:



CLIENT:

Hepburn Carlingford Pty Ltd.



DRAWINGS LIST

SHEET No.	DWG No.	TITLE	REV
1	C100	COVER SHEET	01
2	C110	GENERAL NOTES SHEET 1	01
3	C200	SITE PLAN	
4	C201	GENERAL ARRANGEMENTS PLAN SHEET 1	01
5	C202	GENERAL ARRANGEMENTS PLAN SHEET 2	01
6	C301	LONGITUDINAL SECTION ALONG CARLINGFORD AND HEPBURN CENTRELINE	01
7	C302	LONGITUDINAL SECTION ALONG PROPOSED DRIVEWAY CENTRELINE	01
8	C401	CROSS SECTIONS ALONG CARLINGFORD AND HEPBURN CENTRELINE	01
9	C501	DETAILS SHEET 1	01
10	C502	DETAILS SHEET 2	01
		·	

GENERAL

- G1 ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATIONS (REFER BELOW), BUILDING CODE OF AUSTRALIA, NSW CODE OF PRACTICE AND THE TO THE RELEVANT SERVICE CODES.
- G2 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. ALL DISCREPANCIES SHALL BE REFERRED TO THE SUPERINTENDENT FOR DECISION BEFORE PROCEEDING WITH THE WORK.
- G3 ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE IN MILLIMETERS (U.N.O.). DIMENSIONS SHALL NOT BE OBTAINED BY SCALING OF THESE DRAWINGS. USE FIGURED DIMENSIONS ONLY.
- G4 BENCHMARKS HAVE BEEN ESTABLISHED WHERE INDICATED ON THE DRAWINGS. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (A.H.D.). THE CONTRACTOR SHALL UNDERTAKE ALL NECESSARY SURVEY WORK TO ENSURE THAT THE WORKS ARE CONSTRUCTED TO DESIGN LINE AND LEVEL.
- G5 SETTING OUT DIMENSIONS AND LEVELS SHOWN ON THE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR.
- G6 ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT SAA CODES AND THE BY-LAWS AND ORDINANCES OF THE RELEVANT
- G7 IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL SAFETY FENCES, WARNING SIGNS, TRAFFIC DIVERSIONS AND THE LIKE DURING CONSTRUCTION. ALL WORKS TO COMPLY WITH WORK HEALTH AND SAFETY REQUIREMENTS AND OTHER RELEVANT AUTHORITY SAFETY REQUIREMENTS.
- G8 NO TREES SHALL BE REMOVED, CUTBACK OR RELOCATED WITHOUT THE WRITTEN INSTRUCTION FROM THE SUPERINTENDENT.
- G9 WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- G10 ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS AND THESE SPECIFICATIONS.
- G11 DESIGN LEVELS GIVEN ARE TO FINISHED SURFACE LEVEL AND INCLUSIVE OF TOPSOIL. (TOPSOIL DEPTH VARIES)
- G12 THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A N.A.T.A. REGISTERED SURVEYOR.
- G13 CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER TELECOMMUNICATIONS OR ELECTRICAL SERVICES. HAND EXCAVATE IN THESE AREAS.
- G14 THE LOCATIONS OF UNDERGROUND SERVICES SHOWN ON THE DRAWING HAVE BEEN PLOTTED FROM DIAGRAMS PROVIDED BY SERVICE AUTHORITIES. THIS INFORMATION HAS BEEN PREPARED SOLELY FOR THE AUTHORITIES OWN USE AND MAY NOT NECESSARILY BE UPDATED OR ACCURATE.
- G15 THE POSITION OF SERVICES AS RECORDED BY THE AUTHORITY AT THE TIME OF INSTALLATION MAY NOT REFLECT CHANGES IN THE PHYSICAL ENVIRONMENT SUBSEQUENT TO INSTALLATION.
- G16 S&G CONSULTANTS DOES NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THE DRAWING SHOWS MORE THAN THE PRESENCE OR ABSENCE OF SERVICES, AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.
- G17 IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN FROM THE UTILITY SERVICES AUTHORITIES A CURRENT COPY OF UNDERGROUND SERVICES SEARCH FOR THE LOCATION OF ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF ANY WORK AND NOTIFY ANY CONFLICT WITH THE DRAWINGS IMMEDIATELY. CLEARANCE SHALL BE OBTAINED FROM THE RELEVANT REGULATORY AUTHORITY. CONTRACTOR TO KEEP COPY OF UNDERGROUND SERVICES SEARCH ON SITE AT ALL TIMES. ANY DAMAGES TO SERVICES OR SERVICES ADJUSTMENTS SHALL BE CARRIED OUT BY THE CONTRACTOR OR RELEVANT AUTHORITY AT THE CONTRACTOR'S EXPENSE.
- G18 VISIT THE SITE BEFORE SUBMITTING THE FINAL TENDER PRICE TO ASSESS 'ON SITE' CONDITIONS. FAILURE TO DO SO WILL FORFEIT ANY CLAIM FOR NOT BEING AWARE OF CONDITIONS AFFECTING THE TENDER.
- G19 THE CONTRACTOR SHALL PREPARE ACCURATE WORK-AS-EXECUTED DRAWINGS FOLLOWING THE COMPLETION OF ALL WORKS.
- G20 IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE IN PLACE & MAINTAIN TRAFFIC FACILITIES AT ALL TIMES DURING CONSTRUCTION.
- G21 A ROAD OCCUPANCY APPLICATION SHALL BE APPROVED BY COUNCIL'S TRAFFIC SECTION PRIOR TO COMMENCEMENT OF WORKS WITHIN CARLINGFORD ROAD

SETTING OUT NOTES;

- SET THE CONSTRUCTOR SHALL USE A SUITABLY QUALIFIED SURVEYOR TO SET OUT ALL WORKS. THE SURVEYOR SHALL ISSUE A CERTIFICATE TO THE PRINCIPAL CERTIFYING AUTHORITY CERTIFYING THAT THE WORKS HAVE BEEN SET OUT IN ACCORDANCE WITH THE APPROVED DRAWINGS PRIOR TO THE WORKS BEING CONSTRUCTED.
- SE2 THE SURVEY WORK ASSOCIATED WITH THE CONTRACT SHALL INCLUDE SETTING OUT THE FOLLOWING COMPONENTS OF THE WORK:

CONSULTANTS' DRAWINGS.

ROADS AND KERBS DRAINAGE STRUCTURES

SURVEY CONTROL

- SU1 THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. S&G CONSULTANTS DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.
- SU2 SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT S&G CONSULTANTS.

SERVICES NOTES

- SN1 IT IS THE CONSTRUCTORS RESPONSIBILITY TO NOTIFY THE RELEVANT SERVICES AUTHORITIES OF THE WORKS AND VERIFY THE LOCATION OF ALL EXISTING SERVICES PRIOR TO ANY CONSTRUCTION ACTIVITIES COMMENCING.
- SN2 THE CONSTRUCTOR SHALL LIAISE AND CO-ORDINATE THE TIMING OF THE CONSTRICTION OF THE WORKS WITH THE RELEVANT SERVICES AUTHORITIES &/OR OTHER CONSTRUCTORS INSTALLING SERVICES CONCURRENTLY AT THIS SITE.
- SN3 THE LOCATION OF ALL EXISTING SERVICES SHOWN ON THE DRAWINGS ARE APPROXIMATE ONLY AND HAVE BEEN TAKEN FROM INFORMATION PROVIDED BY THE RELEVANT SERVICE AUTHORITIES.
- SN4 THE CONSTRUCTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED TO EXISTING SERVICES AS A RESULT OF THE CONSTRUCTION WORKS.

- D1 THE EXISTING CAR PARK ON THE SUBJECT SITE IS TO BE DEMOLISHED AND REMOVED AS PART OF THE APPROVED WORK.
- D2 ALL DEMOLITION WORKS ARE TO BE CONDUCTED IN ACCORDANCE WITH THE PROVISIONS OF AS 2601-1991 "THE DEMOLITION OF STRUCTURES". PRIOR TO DEMOLITION, ALL SERVICES SHALL BE SUITABLY DISCONNECTED AND CAPPED OFF OR SEALED TO THE SATISFACTION OF THE RELEVANT SERVICE AUTHORITY REQUIREMENTS.
- D3 ALL DEMOLITION AND EXCAVATED MATERIAL SHALL BE DISPOSED OF AT A COUNCIL APPROVED SITE OR WASTE FACILITY. DETAILS OF THE PROPOSED DISPOSAL LOCATION(S) OF ALL EXCAVATED MATERIAL FROM THE DEVELOPMENT SITE SHALL BE PROVIDED TO THE PRINCIPAL CERTIFYING AUTHORITY PRIOR TO COMMENCEMENT OF DEMOLITION.
- D4 DUST SUPPRESSION TECHNIQUES ARE TO BE EMPLOYED DURING DEMOLITION TO REDUCE ANY POTENTIAL NUISANCES TO SURROUNDING PROPERTIES.
- D5 MUD AND SOIL FROM VEHICULAR MOVEMENTS TO AND FROM THE SITE MUST NOT BE DEPOSITED ON THE ROAD.

KERBING NOTES

DEMOLITION

- K1 CONCRETE SHALL BE OF 25MPa COMPRESSIVE STRENGTH (F'c) AT 28 DAYS UNLESS NOTED OTHERWISE IN CONCRETE NOTES.
- K2 EXPANSION JOINTS OF APPROVED BITUMEN IMPREGNATED JOINTING MATERIAL OR EQUIVALENT SHALL BE PLACED AT 12m INTERVALS. AT JUNCTIONS WITH EXISTING WORK, KERB TRANSITIONS AND ADJACENT TO GULLY PIT. WEAKED
- K3 PLANE JOINTS (DUMMY JOINTS) SHALL BE CUT AT 3m INTERVALS.
- K4 FOR INTEGRAL KERB, ALL JOINTS SHOULD MATCH THE SLAB JOINTS.
- K5 ALL KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISH.
- K6 ALL RAMPED CROSSING TO BE BROOMED FINISH.
- K7 GRATES FOR ALL SAG PITS TO BE LOCATED AT CENTRE OF INLET.
- K8 BACKFILLING OF THE KERB AND GUTTER SHALL NOT BE UNDERTAKEN UNTIL AT LEAST FOUR DAYS AFTER PLACEMENT.
- K9 A MAXIMUM TOLERANCE OF +/-10mm ALONG TOP OF KERB AND/OR FACE OF KERB OVER A LENGTH OF 5 METRES SHALL BE ADOPTED. FOR MACHINES WITH A MILLING ATTACHMENT THE MAXIMUM CUT SHALL BE 20mm.
- K10 GRATES FOR ALL SAG PITS TO BE LOCATED AT CENTRE OF LINTEL.

PAVEMENT

QUALITY CONTROL

DATE 03.05.2017

DATE 03.05.2017

DATE 03.05.2017

DATE 03.05.2017

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APPROVED SH

- P1 THE SUBGRADE AND/OR SUBGRADE REPLACEMENT TO BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 100% WHEN TESTED IN ACCORDANCE WITH AS1289-E4.1: STANDARD COMPACTION EFFECT' OR A MINIMUM DENSITY OF 80% FOR COHESIVELESS SOILS.
- P2 ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT & REPLACED WITH APPROVED SELECTED FILL SATISFYING THE REQUIREMENTS LISTED BELOW & APPROVED BY THE SUPERINTENDENT
- FREE FROM ORGANIC & PERISHABLE MATTER
- MAXIMUM PARTICLE SIZE 75mm - PLASTICITY INDEX BETWEEN 2% AND 15%

PAVEMENT

- P3 COMPACTION OF THE BASE COURSE TO ACHIEVE A MINIMUM MODIFIED DRY DENSITY OF 98% & COMPACTED IN LAYERS NOT GREATER THAN 200mm LOOSE THICKNESS AT + OR -2 % OF O.M.C.
- P4 COMPACTION TESTING OF THE SUBGRADE AND THE BASE COURSE SHALL BE CARRIED OUT BY A NATA REGISTERED SOIL LABORATORY FOR A MINIMUM OF:

SUBGRADE - 1 TEST PER 500sq.m (2 TEST min.) BASE COURSE - 1 TEST PER 500sq.m (2 TEST PER LAYER min.)

- P5 MINIMUM DRY DENSITY RATIOS (AS1289:3.4.1-1993) TO BE: BASE COURSE 98% MODIFIED SURRASE 95% MODIFIED SUBGRADE 100% STANDARD
- SUBGRADE REPLACEMENT 100% STANDARD P6 MEASURE OF COMPACTION:

GRANULAR FILL (NON-COHESIVE SOILS). THE DENSITY INDEX (ID) DETERMINED IN ACCORDANCE WITH AS1289.E6.1 BASED ON THE MAXIMUM AND MINIMUM DRY DENSITIES IN ACCORDANCE WITH AS1289.E5.1 AND THE FIELD DRY DENSITY IN ACCORDANCE WITH AS1289.5.3.2., AS1289.E.3.5 OR AS1289.E.8.1.

THE DEGREE OF COMPACTION SHALL BE MEASURED BY ONE OF THE FOLLOWING

NON-GRANUALR FILL (COHESIVE SOILS). THE DRY DENSITY RATION (RD) DETERMINED IN ACCORDANCE WITH AS1289.5.4.1 BASED ON THE FIELD DRY DENSITY IN ACCORDANCE WITH AS1289.5.3.2 AND THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS1289.5.1.1.

P7 REPORT ALL TESTS AND GEOTECHNICAL RESULTS TO THE SUPERINTENDENT.

CONCRETE

C1 GENERAL

ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600-2009: CONCRETE STRUCTURES' LATEST EDITION AS AMENDED, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.

UNLESS NOTED OTHERWISE, NO ALLOWNACE HAS BEEN MADE FOR STACKED MATERIALS ON THE CONCRETE STRUCTURE.

NO HOLES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

C2 CONCRETE QUALITY

ELEMENT	SLUMP	MAX AGG SIZE	CONC. GRADE (MIN)
PAVEMENT SLAB	80+20	20	N32
FOOTPATH/KERB & GUTTER	80+20	20	N20
WALLS	80+20	20	N25
KERB & GUTTER	0	20	N25

C3 CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS OTHERWISE SHOWN:

ELEMENT	EXPOSURE	COVER
PAVEMENT SLAB	A2	50
RETAINING WALLS	A2 OR B1	AS NOTED

- C4 AGGREGATES CONCRETE AGGREGATES SHALL COMPLY WITH AS2758.1-1998:'CONCRETE AGGREGATES'.
- C5 CEMENT CEMENT TO BE TYPE SL U.N.O. TO AS3972-1997: PORTLAND AND BLENDED CEMENTS'. MAXIMUM 56 DAYS SHRINKAGE TO BE 600 MICROSTRAIN TO AS2350.13-2006: DETERMINATION OF DRYING SHRINKAGE OF CEMENT MORTARS' AND MAXIMUM WATER/CEMENT RATIO OF 0.40.
- NO ADMIXTURES ARE TO BE USED WITHOUT THE APPROVAL OF THE ENGINEER.
- A VIBRATOR IS TO BE USED FOR THE COMPACTION OF ALL CONCRETE.

THE CONTRACTOR MAY ADD AN APPROVED SUPERPLASTICISING ADMIXTURE TO INCREASE SLUMP OF PAVEMENT CONCRETE TO NOT MORE THAN 100mm. QUALITY AND MIXING PROCEDURE TO BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND TO COMPLY WITH AS1478.1-2000: ADMIXTURES FOR CONCRETE'.

C6 SUPPLY CONCRETE SUPPLY SHALL BE IN ACCORDANCE WITH AS1379-2007: SPECIFICATION AND SUPPLY OF CONCRETE'.

CONCRETE SHALL BE DELIVERED IN AGITATOR TRUCKS AND SHALL BE DEPOSITED UNIFORMLY WITHOUT SEGREGATION.

C7 CONCRETE CURING CURING SHALL COMMENCE WITHIN TWO HOURS OF FINISHING OPERATIONS AND SHALL BE CONTINUED FOR A MINIMUM OF SEVEN DAYS BY AN APPROVED PROPRIETARY COMPOUND OR BY KEEPING CONTINUOUSLY WET.

CONCRETE TO BE COVERED BY ASPHALT SHALL BE CURED BY THE USE OF ONE OF THE FOLLOWING:-- BITUMEN EMULSION GRADE CRS/170 COMPLYING WITH AS1160-1996: BITUMINOUS EMULSIONS FOR THE CONSTRUCTION AND MAINTENANCE OF PAVEMENTS' FOR

ASPHALT WEARING SURFACE - CHLORINATED RUBBER CURING COMPOUND COMPLYING WITH AS3799-1998:'LIQUID MEMBRANE-FORMING CURING COMPOUND FOR CONCRETE' CLASS C TYPE 1D OR RESIN-BASED CURING COMPOUND COMPLYING WITH AS3799-1998 CLASS B, TYPE 1D OR TYPE 2.

CONCRETE

- CONSTRUCTION JOINTS SHALL BE PROPERLY FORMED AND USED ONLY WHERE SHOWN OR APPROVED BY THE ENGINEER.
- WHERE NOT SHOWN CONSTRUCTION JOINTS SHALL BE LOCATED TO THE APPROVAL OF THE ENGINEER.
- FOOTWAY CONCRETE SHALL BE FINISHED WITH A STEEL TROWEL TO PRODUCE
- A SMOOTH UNIFORM FINISH, FREE OF IRREGULARITIES AND THEN BROOM FINISH

ROAD - CONCRETE SHALL BE COMPACTED AND FINISHED TO PRODUCE A LEVEL

- UNIFORM SURFACE FREE OF IMPERFECTIONS WHICH WILL IMPACT ON THE FINISHED C10 THE CONCRETE SHALL BE SCREEDED TO THE REQUIRED CROSS SECTION PROFILE
- FREE OF DEPRESSIONS AND HIGH AREAS TO SATISFY THE REQUIREMENTS OF AN INITIAL FINISH.
- C11 STEEL REINFORCEMENT REINFORCEMENT IS PRESENTED DIAGRAMMATICALLY, IT IS NOT NECESSARILY SHOWN IN TRUE PROJECTION.

SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN THE POSITIONS SHOWN. THE WRITTEN APPROVAL OF THE ENGINEER SHALL BE OBTAINED FOR ANY OTHER SPLICES. WHERE THE LAP LENGTH IS NOT SHOWN IT SHALL BE SUFFICIENT TO DEVELOP THE FULL LENGTH OF THE REINFORCEMENT, AS NOMINATED IN AS/NZS4671-2001:'STEEL REINFORCING MATERIALS'.

HOOKS, LAPS AND BENDS SHALL BE IN ACCORDANCE WITH AS3600-2001 U.N.O.

WELDING OF REINFORCEMENT WILL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS.

REINFORCEMENT WITHOUT THE APPROVAL OF THE ENGINEER.

PIPES OR CONDUITS SHALL NOT BE PLACED WITHIN THE CONCRETE COVER TO

- REINFORCEMENT SYMBOLS (TO AS/NZ4671-2001: STEEL REINFORCING MATERIALS'): - DENOTES GRADE 500N HOT ROLLED HIGH STRENGTH BARS
- DENOTES SQUARE WITH EDGE SIDE-LAPPING BARS
- TM DENOTES TRENCH MECH
- C12 STEEL GALVANISING SHALL COMPLY WITH AS/NZS4680-2006: HOT-DIP GALVANIZED COATINGS ON FABRICATED FERROUS ARTICLES'.

CONCRETE TESTING SHALL COMPLY WITH AS1012: METHODS OF TESTING CONCRETE' AS AMENDED.

FORMWORK FORMWORK SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS3610-1995: 'FORMWORK FOR CONCRETE'. FORMWORK SHALL NOT BE STRIPPED NOR PROPS REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

EROSION CONTROL

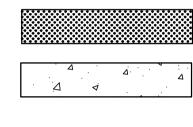
C13 TESTING

- EC1 BEFORE EARTHWORKS CAN COMMENCE THE EROSION & SEDIMENT CONTROL MEASURES MUST BE IN PLACE IN COMPLIANCE WITH PROTECTION OF THE ENVIRONMENT OPERATIONS ACT 1997.
- EC2 DURING THE CONSTRUCTION PERIOD, THESE CONTROL MEASURES WILL NEED TO BE INSPECTED & MAINTAINED REGULARLY, ESPECIALLY AFTER STORM EVENTS, BY THE CONTRACTOR.
- EC3 ALL WORK IS TO BE CARRIED OUT TO PREVENT EROSION, CONTAMINATION & SEDIMENTATION OF THE STORAGE SITE, SURROUNDING AREAS & DRAINAGE
- EC4 MINIMIZE DISTURBED AREA COVERED WITH NATURAL VEGETATION. ONLY THOSE AREAS DIRECTLY REQUIRED FOR CONSTRUCTION ARE TO BE DISTURBED.
- ECS INSTALL EROSION/SEDIMENT CONTROL MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION OR EXCAVATION OPERATIONS.
- EC6 PROVIDE SILT FENCE/STRAW BAIL BARRIERS TO THE LOW SIDE OF ALL EXPOSED EARTH EXCAVATIONS. TIE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SILT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EC7 ISOLATE EXISTING STORMWATER PITS WITH STRAW BALES OR SILT TRAPS TO FILTER ALL INCOMING FLOWS.
- EC8 DO NOT STOCKPILE EXCAVATED MATERIAL ON THE ROAD WAY.
- EC9 DIVERT CLEAN WATER FROM UNDISTURBED AREAS AROUND THE WORKING AREAS.
- EC10 CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING AND LEAVING THE SITE DO SO IN A FORWARD DIRECTION.
- EC11 TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL
- EC12 ADOPT TEMPORARY MEASURES AS MAY BE NECCESSARY FOR EROSION & SEDIMENT CONTROL, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: -
- DRAINS: TEMPORARY DRAINS AND CATCH DRAINS. - SPREADER BANKS OR OTHER STRUCTURES: TO DISPERSE CONCENTRATED
- SILT TRAPS: CONSTRUCTION AND MAINTENANCE OF SILT TRAPS TO PREVENT

DISCHARGE OF SCOURED MATERIAL TO DOWNSTREAM AREAS.

EROSION CONTROL

- EC13 AFTER RAIN, INSPECT, CLEAN, AND REPAIR IF REQUIRED, TEMPORARY EROSION & SEDIMENT CONTROL MEASURES.
- EC14 REMOVE TEMPORARY EROSION & SEDIMENT CONTROL MEASURES WHEN THEY ARE NO LONGER REQUIRED.
- EC15 COMPLY WITH THE REQUIREMENTS OF LANDCOM'S MANAGING URBAN STORMWATER - SOIL AND CONSTRUCTION 'THE BLUE BOOK' LATEST EDITION
- EC16 THE EROSION & SEDIMENT CONTROL PLAN PROVIDED IS ONLY INDICATIVE. THE CONTRACTOR SHOULD PREPARE A DETAILED ESCP SUITABLE FOR THE SPECIFIC SITE CONDITIONS
- EC17 APPROPRIATE DUST CONTROL METHODS ARE TO BE EMPLOYED TO PREVENT LOSS OF SOIL VIA AIRBORNE DUST. PROMPT REVEGETATION OR MULCHING OF DISTURBED AREAS WILL REDUCE SURFACE & AIRBORNE MOVEMENT OF SEDIMENT.
- OTHER METHODS OF DUST CONTROL INCLUDE a) THE RETENTION OF EXISTING TREES & SHRUBS TO ACT AS WINDBREAK
- b) THE CONTROL OF TRAFFIC MOVEMENT OVER THE CONSTRUCTION SITE c) WETTING THE SITE SURFACE IS AN EMERGENGY TREATMENT WHICH CAN BE REPEATED AS NECESSARY (CONTROL OF SEDIMENT LADEN RUNOFF FROM OVER-WATERING MUST BE CLOSELY MONITORED).
- EC18 COUNCIL'S ENGINEER MAY STIPULATE THAT WORK CEASE UNTIL SUCH TIME AS ANY PARTICULAR DUST NUISANCE HAS BEEN APPROPRIATELY CONTROLLED.
- EC19 ALL VEHICLE WASHING SHALL BE CONDUCTED IN A WASH BAY APPROVED. INSTALLED & CONNECTED TO THE SEWER IN ACCORDANCE WITH SYDNEY WATER'S REQUIREMENTS.



PROPOSED COUNCIL TURF

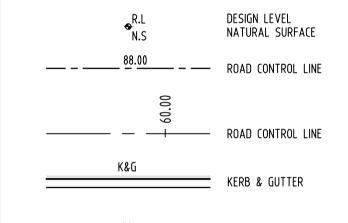
PROPOSED CONCRETE COUNCIL FOOTPATH: 80mmmm THICK 25MPa CONCRETE REINFORCED SL72 FABRIC, TOP AND BOTTOM 40 COVER

ON 50mm THICK COMPACTED DGB20 BASECOURSE MATERIAL. FOR JOINT DETAILS REFER PARRAMATTA COUNCIL STANDARD DRAWING No. DS40

ALL DRAINAGE AND SERVICE PIT LIDS THROUGHOUT THE PUBLIC DOMAIN SHALL BE INFILL PIT LID TYPE AND BICYCLE SAFE, FINISH FLUSH WITH THE ADJACENT PAVEMENT TO AVOID TRIP HAZARDS AND BE CLEAR OF OBSTRUCTIONS FOR EASY CLEANING AND OPENING.

EXISTING TREES TO REMAIN AS PER LANDSCAPE PLANS AND COUNCIL REQUIREMENTS

SITEWORKS LEGEND



☐ Reference Coordination Drawing Drawing Title and Number ARCH ARCH DIMENSIONS NOT SHOWN TO BE CHECKED ON CHECKED _ STRUCT SITE, DO NOT SCALE OF THIS DRAWING. → MECH POSITIONS OF AUTHORITIES MAINS AND/OR EXISTING SERVICES ARE TO BE CHECKED 01 LISSUED FOR COUNCIL APPROVA PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING by Date Status FIRE Issue Last revision title ENGINEER FOR DECISION/CLARIFICATION BEFORE PROCEEDING WITH THE WORK. THIS Issuer internal sequence and revision history DRAWING IS TO BE READ IN CONJUNCTION 3-construction certificate 1-preliminary 2-development application WITH THE SPECIFICATIONS AND OTHER

RECIEVED 23.01.2017

5-construction

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PROPOSED RESIDENTIAL DEVELOPMENT

A.B.N. 21 118 222 530

Scale (at original size)

2 of 10

A.H.D.

PROJECT

199 -207 CARLINGFORD ROAD, CARLINGFORD

NOT TO SCALE

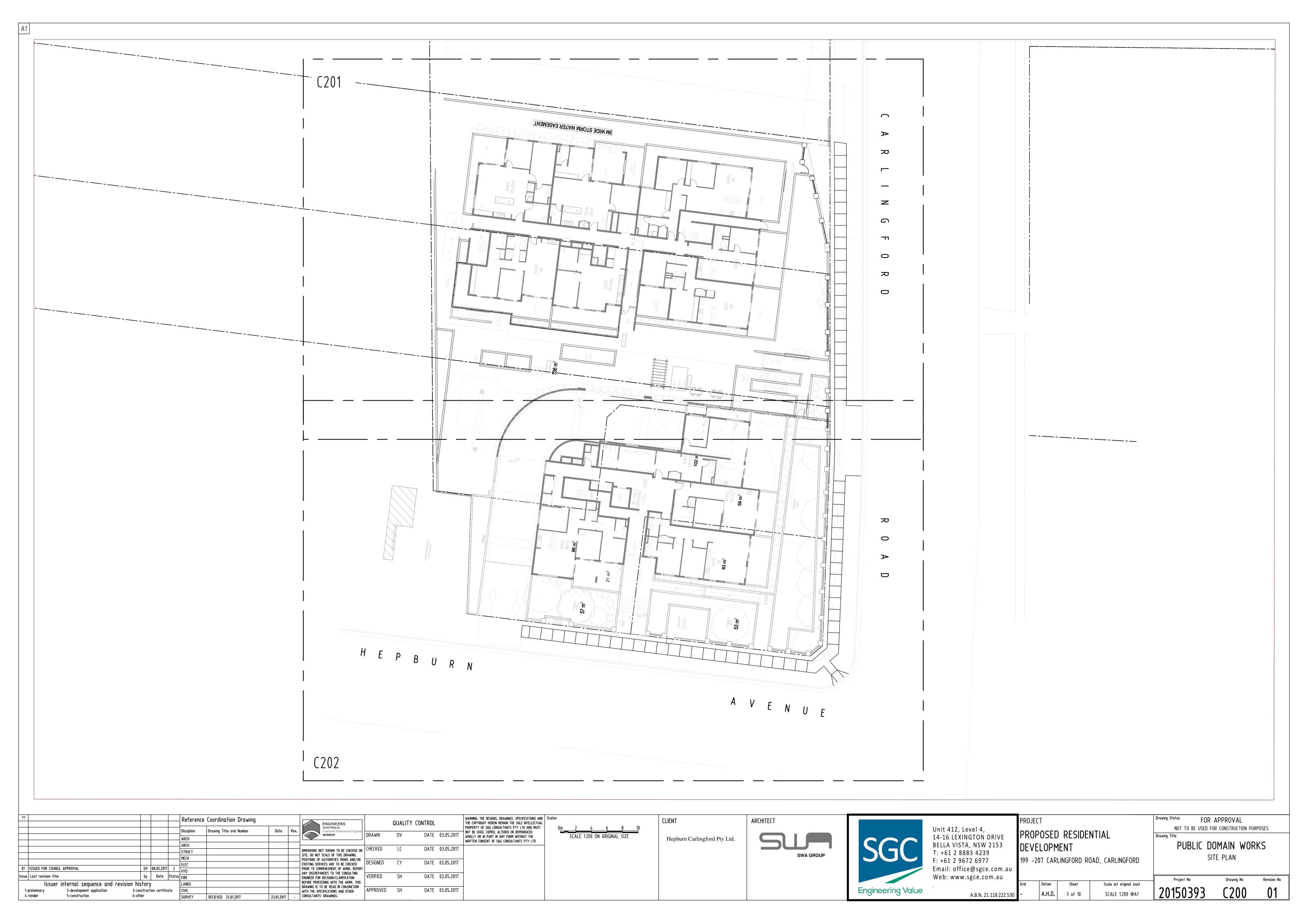
PUBLIC DOMAIN WORKS GENERAL NOTES SHEET 1

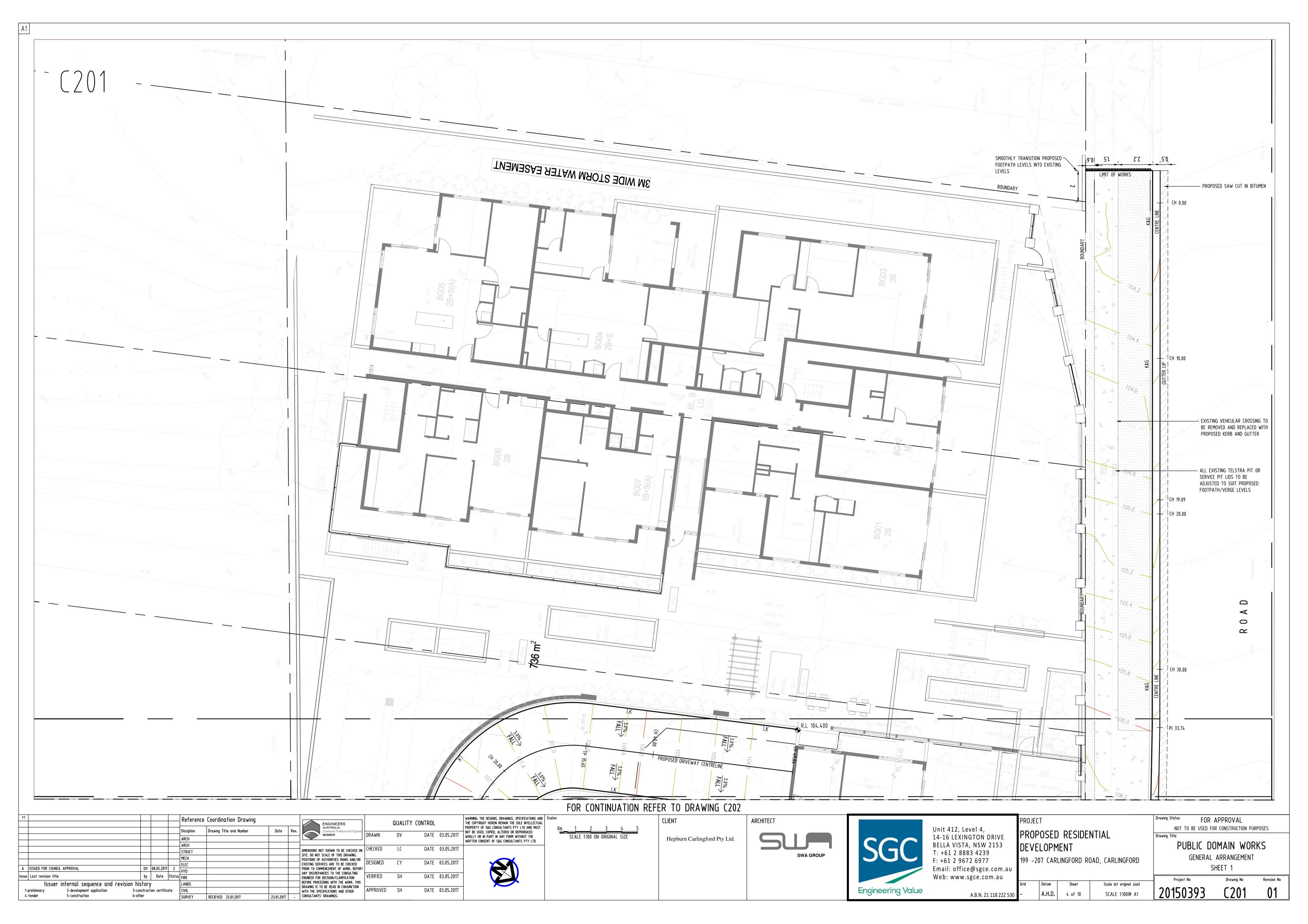
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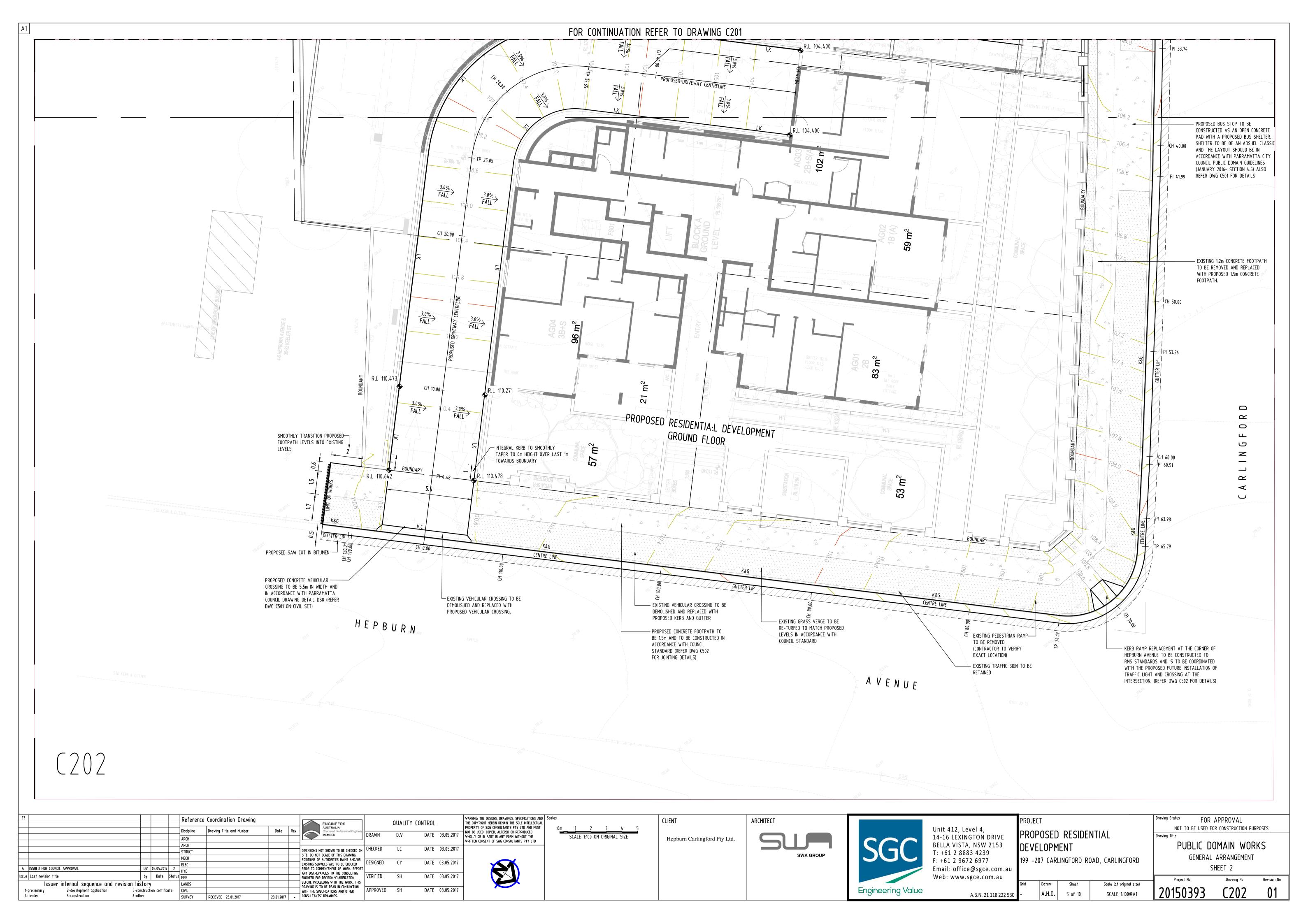
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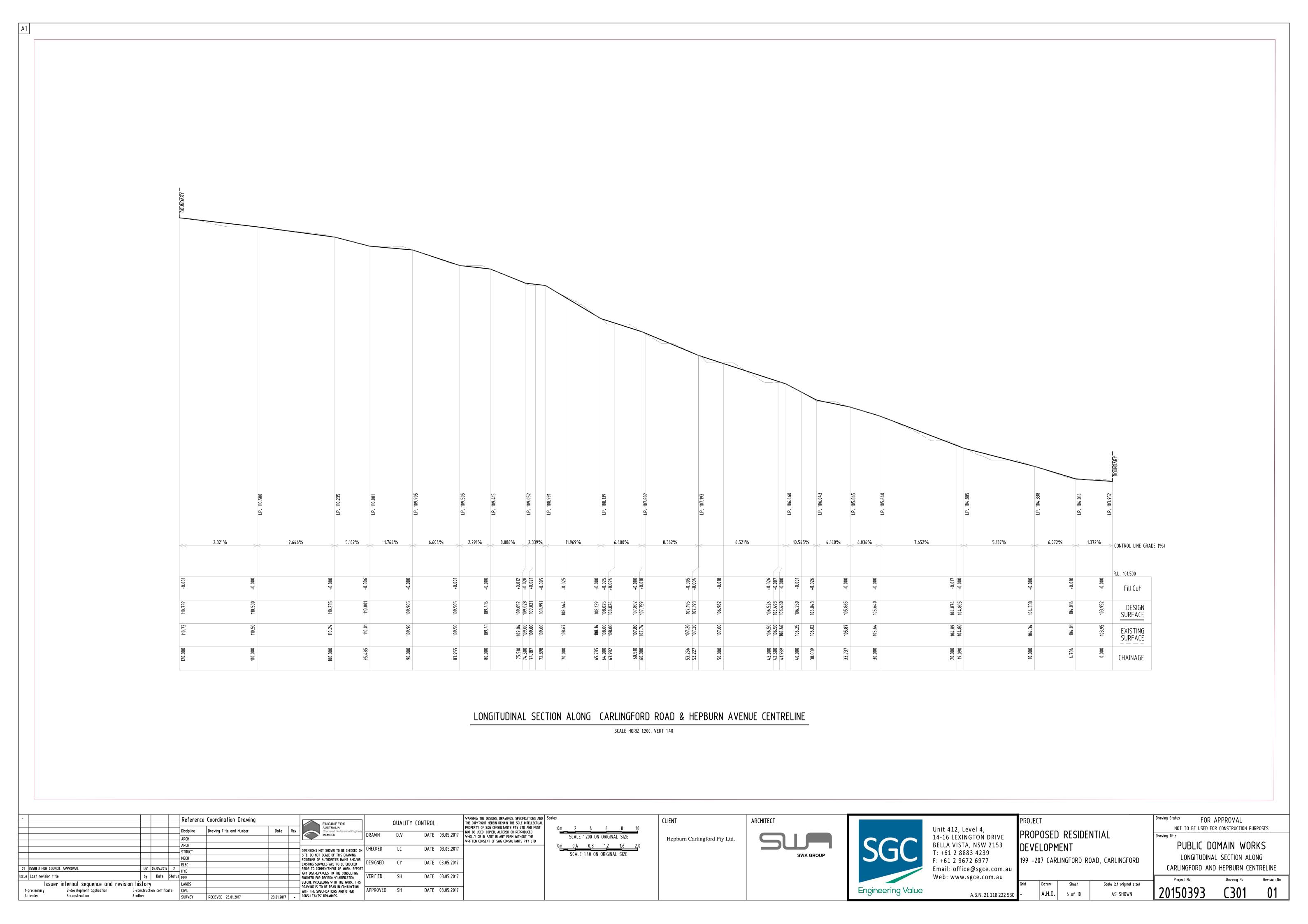
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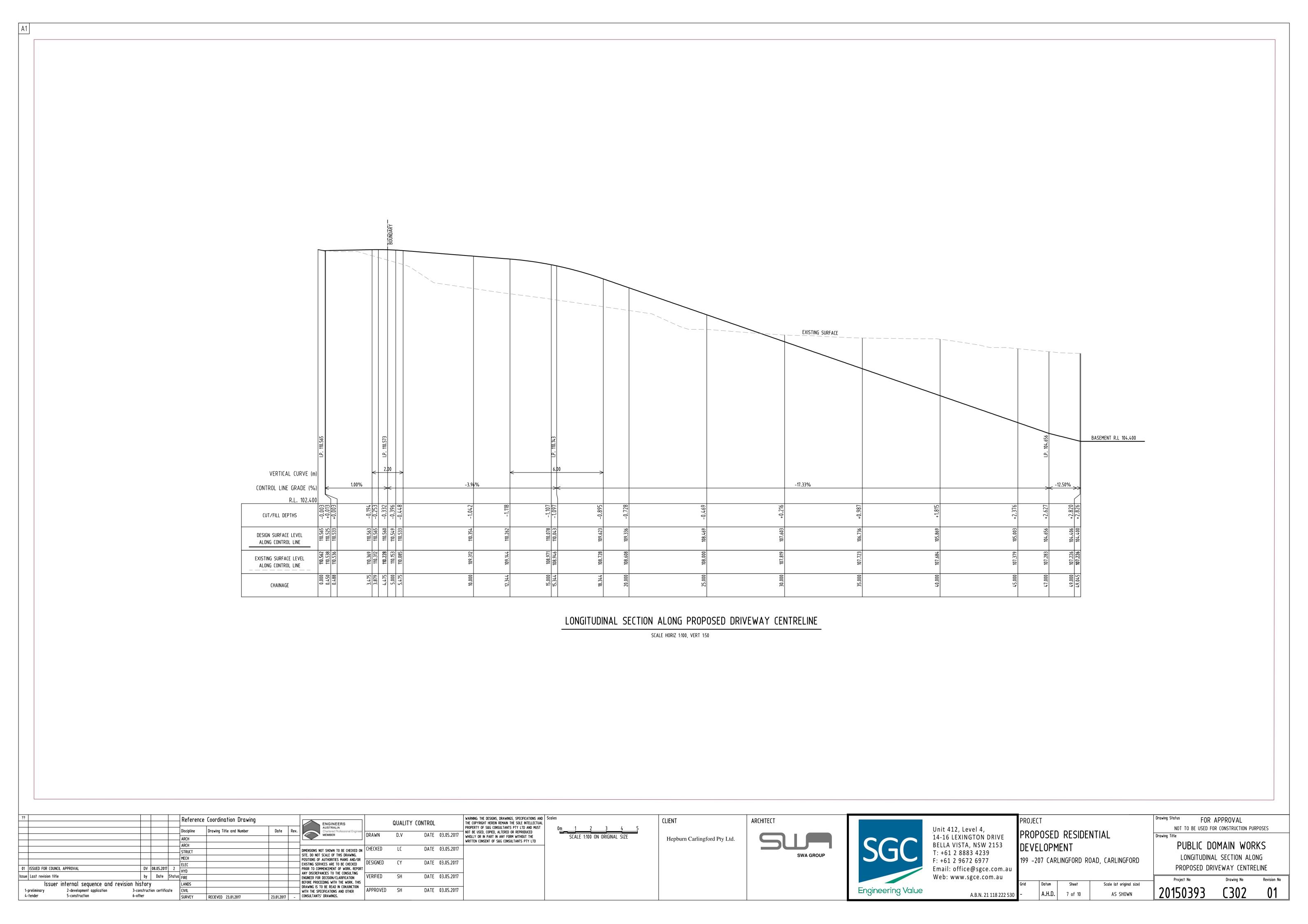
Revision No

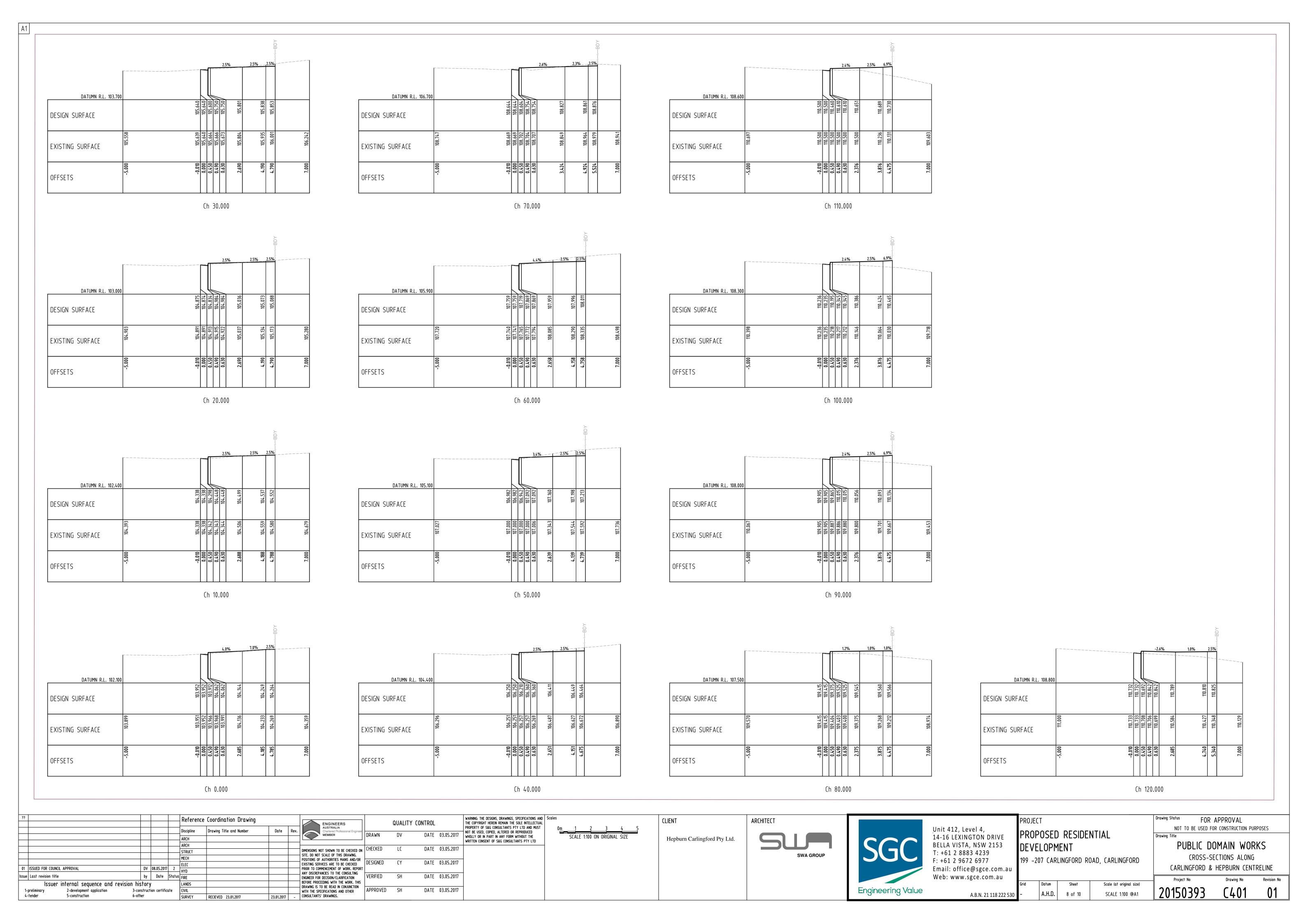




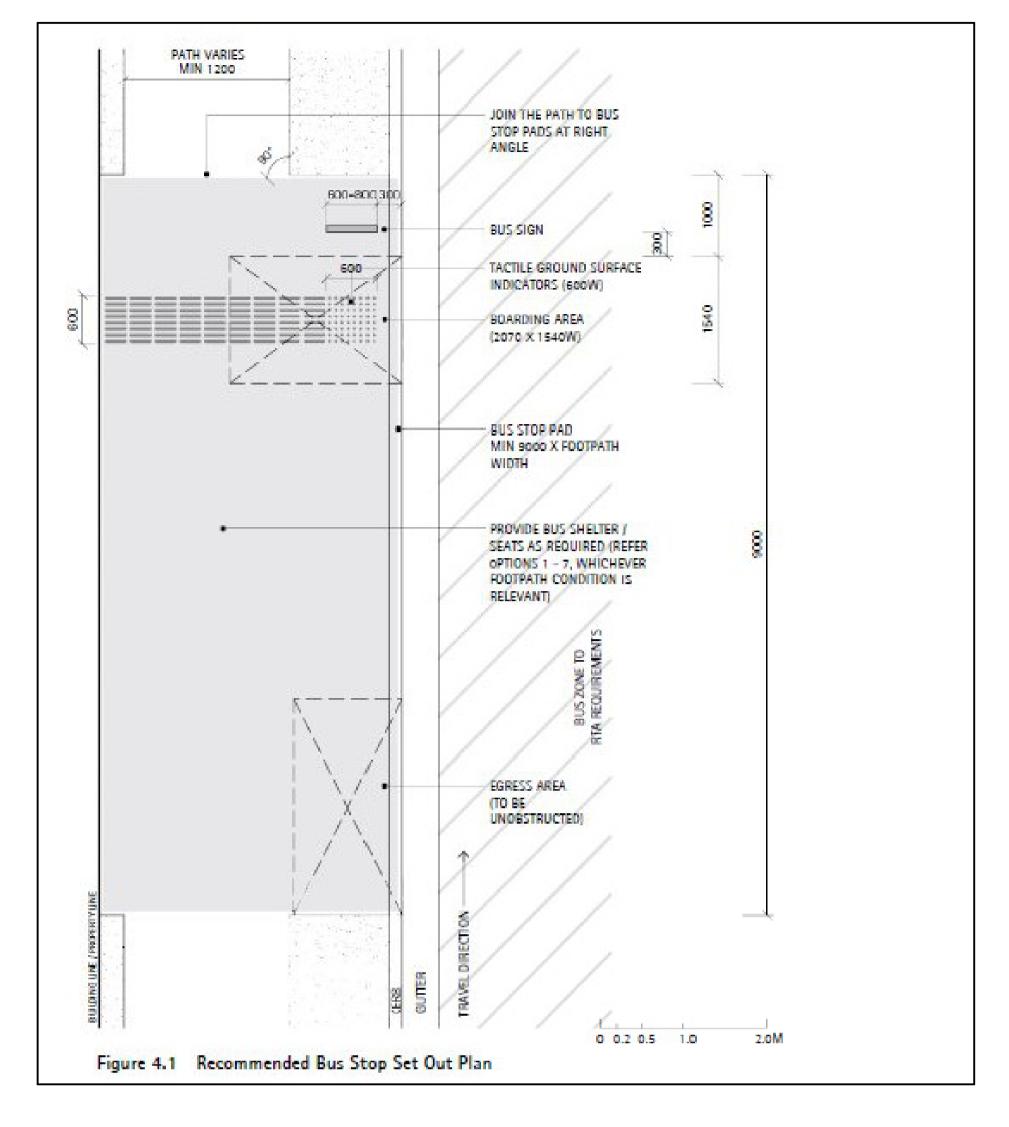


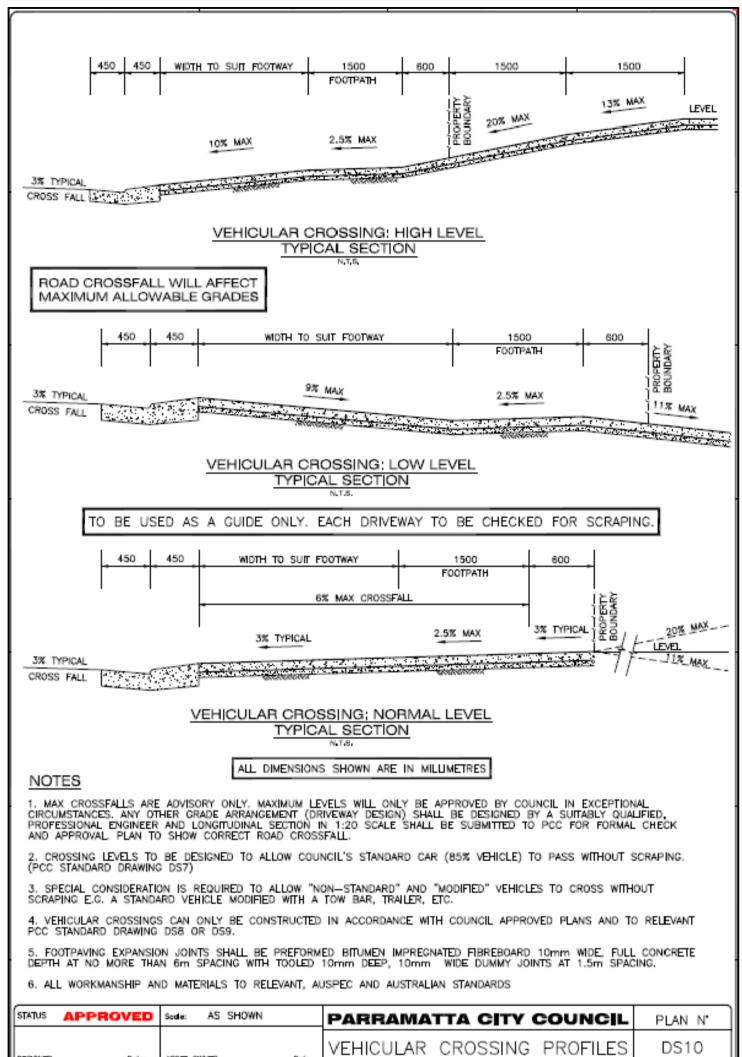






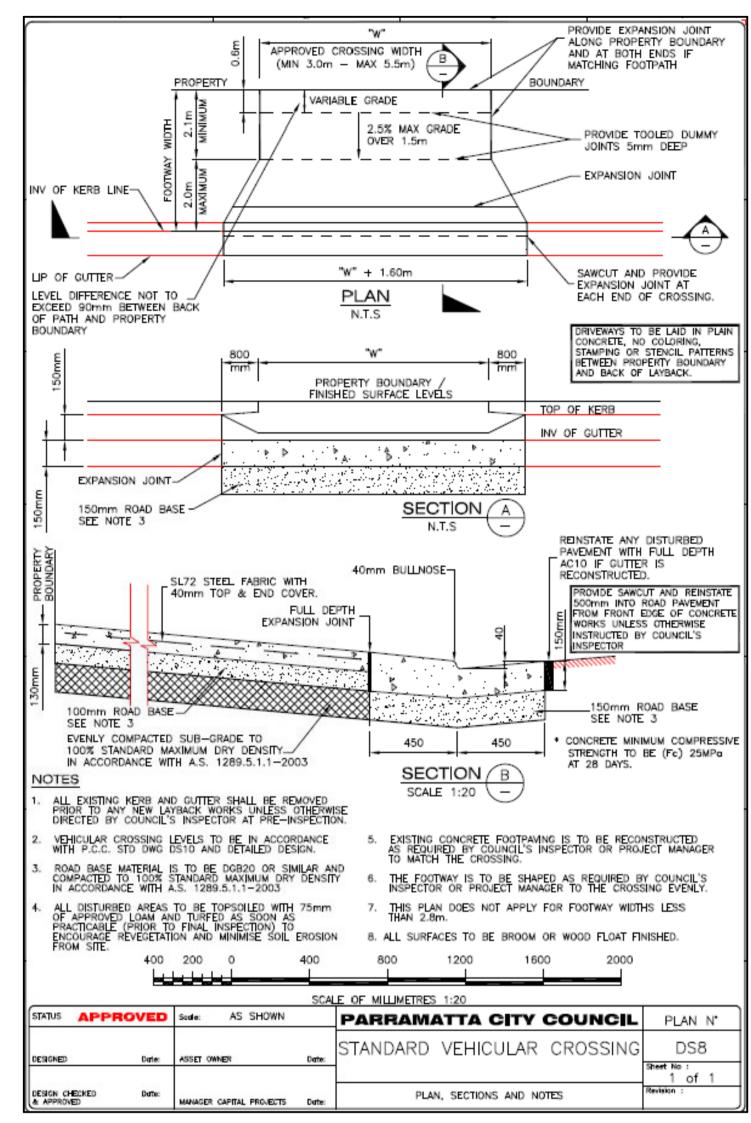


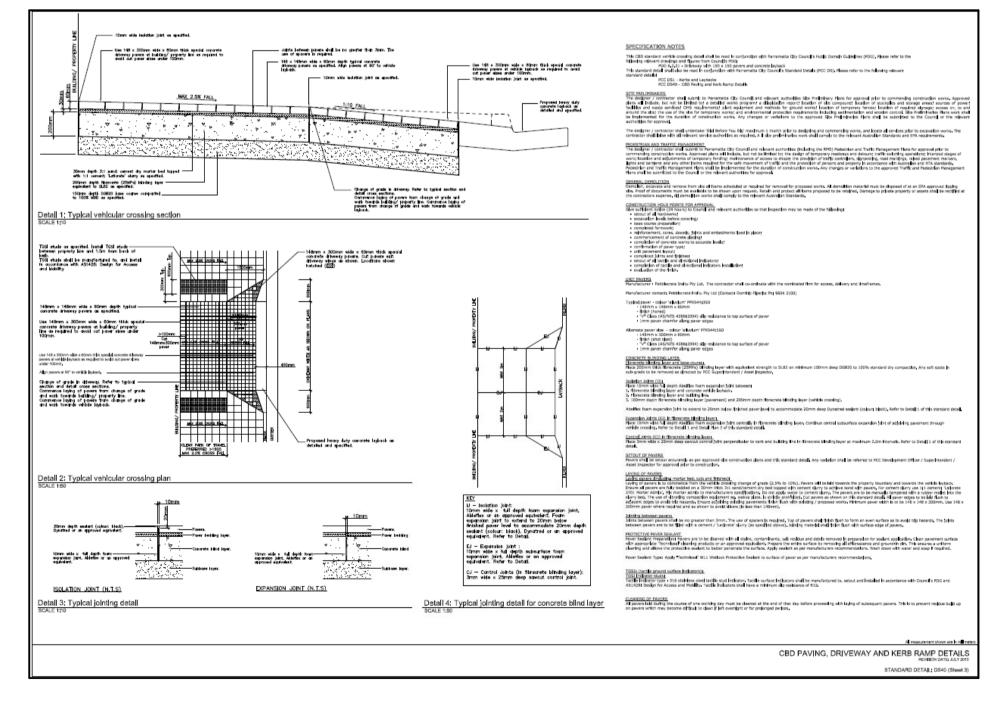


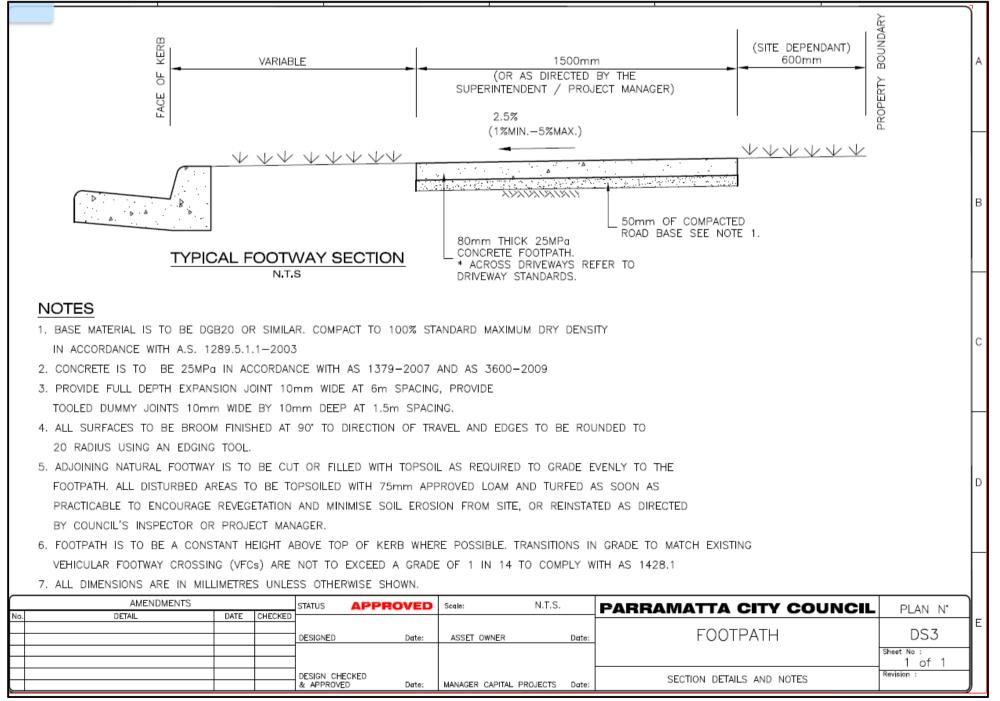


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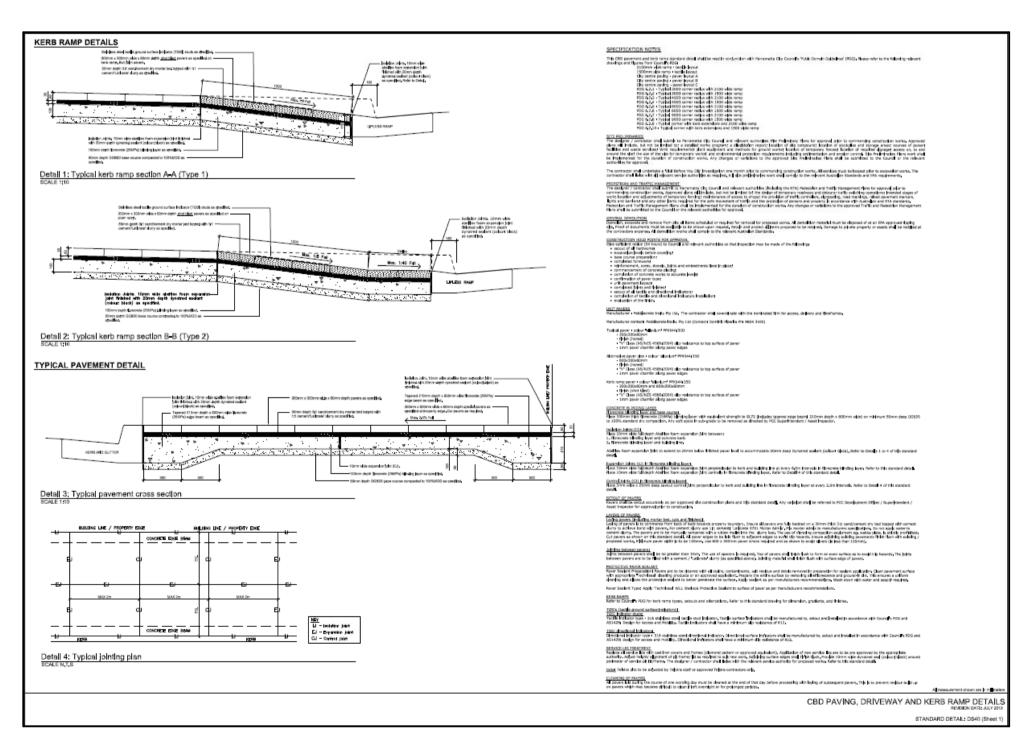
SECTIONS AND NOTES

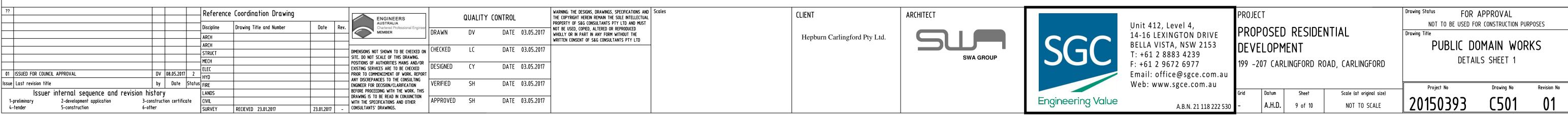


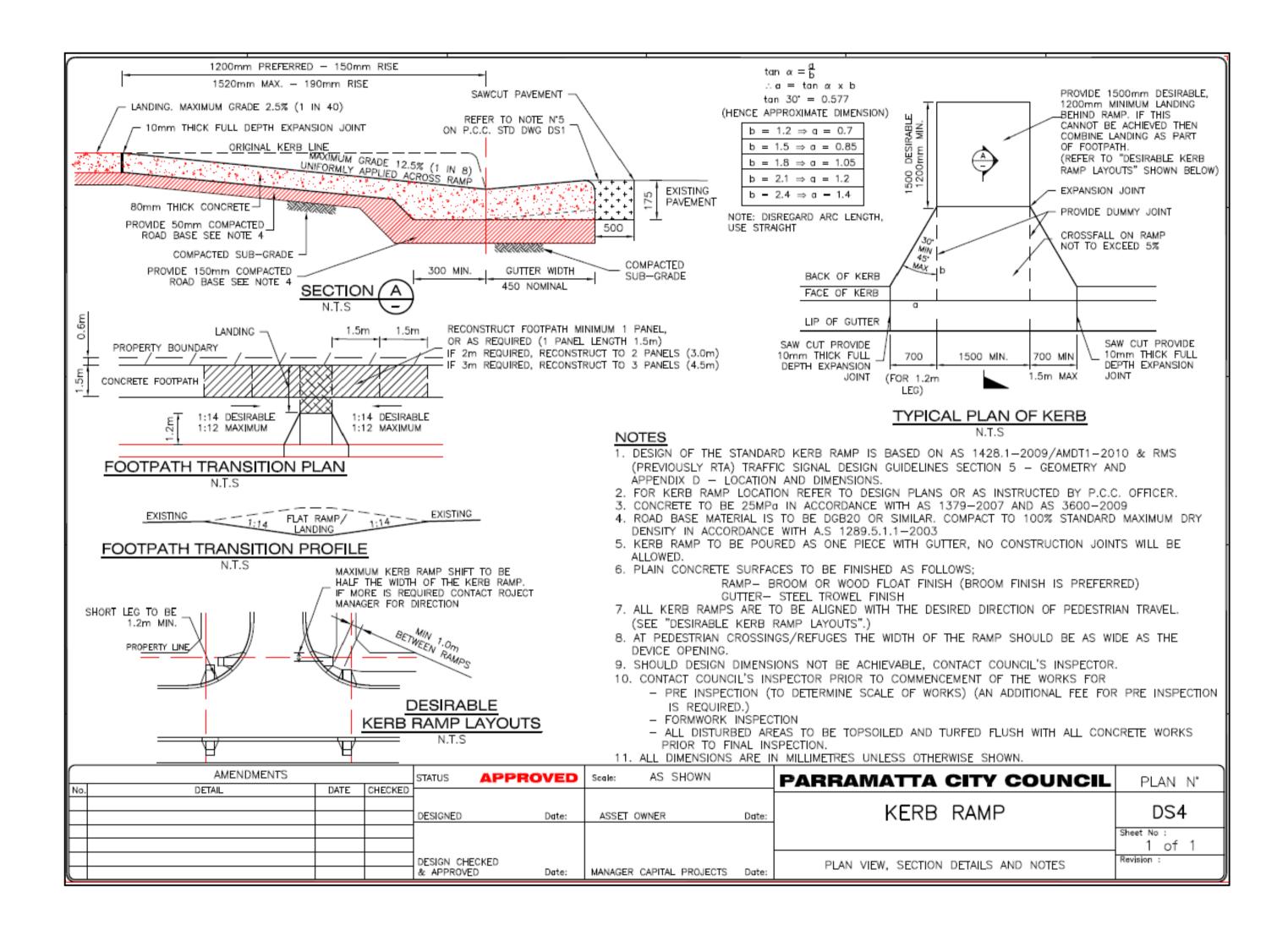


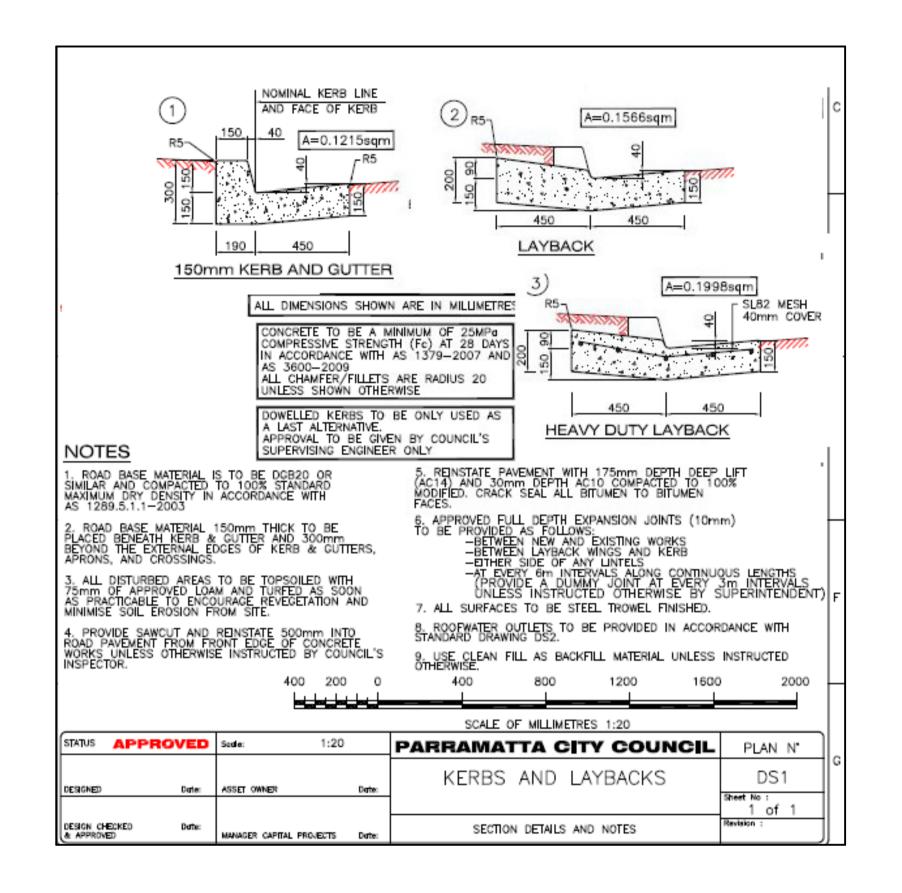


MANAGER CAPITAL PROJECTS Date:









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Discipline Drawing Title and Number	Date Rev. Chartered Professional Engineer Professional Springer	PERTY OF S&G CONSULTANTS PTY LTD AND MUST BE USED, COPIED, ALTERED OR REPRODUCED		Unit 412, Level 4,	DDODOCED DECIDENTIAL	NOT TO BE USED FOR CONSTRUCTION PURPOSES
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01 ISSUED FOR COUNCIL APPROVAL DV 08.05.2017 2 HYD	PRIOR TO COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE CONSULTING			Email: office@sgce.com.	u	
Issue Last revision title by Date Status FIRE	ENGINEER FOR DECISION/CLARIFICATION VERIFIED SH DATE 03.05.2017			Web: www.sgce.com.au		Project No Drawing No Revision No
Issuer internal sequence and revision history LANDS	BEFORE PROCEEDING WITH THE WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION				Grid Datum Sheet Scale (at original size)	
1-preliminary 2-development application 3-construction certificate CIVIL	with the specifications and other APPROVED SH DATE 03.05.2017			Engineering Value A.B.N. 21 118 222	30 - A.H.D. 10 of 10 NOT TO SCALE	20150393 C502 01
4-tender 5-construction 6-other SURVEY RECIEVED 23.01.2017	23.01.2017 - CONSULTANTS' DRAWINGS.			A.D.IV. 21 110 222	30 1.3.1.25 1.3.10 1101 10 SEALE	LUIDUDID COLL UI