35-39 CARTER ROAD, BROOKVALE 35-39 CARTER ROAD, BROOKVALE, NSW, 2100 **CIVIL SERVICES**



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LOCALITY PLAN NOT TO SCALE

Architect FIGGIS + JEFFERSON TEPA ARCHITECTS

MAP DATA @ SIXMAPS 2024

Suite 2, Level 1, 33 Herbert Street St Leonards NSW 2065 T +61 2 9438 5098

OR

CONSULTANTS

HOLDINGS (NSW) PTY LTD

SUITE 203, 70-76 ALEXANDER ST CROWS NEST NSW 2065 T: 02 9438 5555 ER ROAD, BROOKVALE, NSW, 2100 6000 E: Shant@autobodysmashrepairs.com.au T: 02 9438 5555 E: studio@figgis.com.au

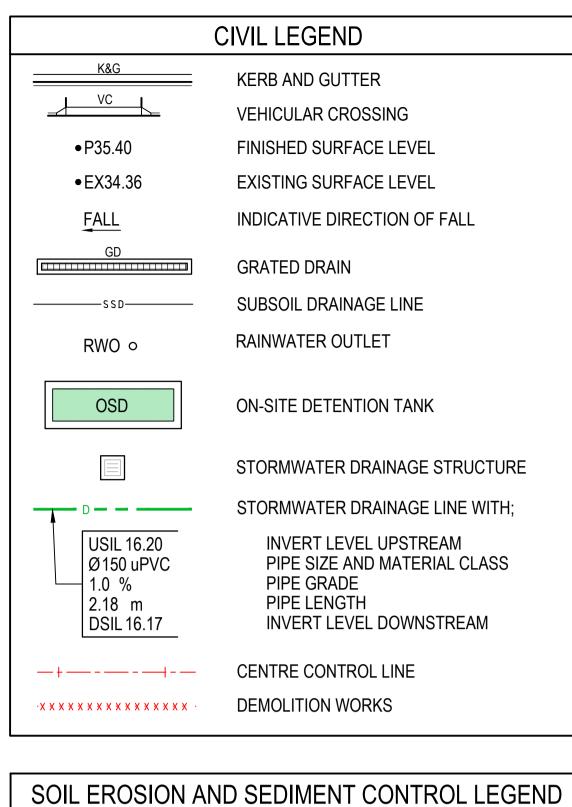


DRAWING INDEX					
DRAWING NUMBER DRAWING TITLE					
C01-0001	COVER SHEET AND DRAWING INDEX				
C01-0002	LEGENDS				
C01-0101	CONSTRUCTION NOTES				
C03-0001	SOIL EROSION AND SEDIMENT CONTROL PLAN				
C03-0101	SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS				
C05-0001	GENERAL ARRANGEMENT PLAN - LOWER GROUND FLOOR PLAN				
C05-0002	GENERAL ARRANGEMENT PLAN - FIRST FLOOR PLAN				
C06-0601	TYPICAL DETAILS				
C07-0001	PROPERTY WORKS PLANS AND DRIVEWAY PROFILES				
C08-0001	STORMWATER MANAGEMENT PLAN - LOWER GROUND FLOOR PLAN				
C08-0002	STORMWATER MANAGEMENT PLAN - FIRST FLOOR PLAN				
C08-0401	STORMWATER MANAGEMENT CATCHMENT PLAN				



ACOR Consultants Pty Ltd	^{Project} 35-39 CARTER ROAD, BROOKVALE
Suite 2, Level 1, 33 Herbert Street	JJ-JJ CARTER ROAD, BROORVALE

Drawing Title CIVIL SERVICES COVER SHEET AND DRAWING INDEX							
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SEDIMENT FENCE

STABILISED CONSTRUCTION EXIT

PAVEMENT LEGEND

PAVEMENT TYPE 1 CONCRETE FOOTPATH PAVEMENT

DESIGN FINISHED SURFACE LEVEL

- 100mm THICK CONCRETE WITH SL72 PLACED CENTRALLY - 20mm SHARP SAND BEDDING - COMPACTED SUBGRADE

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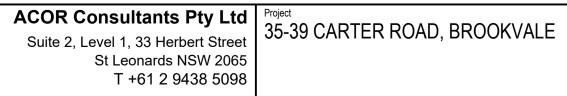
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BROOKVALE, NSW, 2100
OR APPROVAL

Drawing Title CIVIL SERVICES LEGENDS						
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GENERAL NOTES

- 1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND STRUCTURAL CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
- 2. ALL DIMENSIONS RELEVANT TO SETTING OUT AND OFF-SITE WORK SHALL BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION
- 3. DIMENSIONS SHALL NOT BE OBTAINED BY SCALING THE DRAWINGS.
- 4. ALL DIMENSIONS ON DETAILS ARE IN MILLIMETRES UNLESS STATED OTHERWISE. ALL PLANS AND LEVELS ARE EXPRESSED IN METRES.
- 5. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURAL STABILITY OF THE WORKS AND ENSURE NO PARTS BE OVER STRESSED UNDER CONSTRUCTION ACTIVITIES.
- WORKMANSHIP AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE RELEVANT CURRENT S.A.A. CODES INCLUDING ALL AMENDMENTS. AND THE LOCAL STATUTORY AUTHORITIES. EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
- 7. THE APPROVAL OF A SUBSTITUTION SHALL BE SOUGHT FROM ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BUT IS NOT AN AUTHORISATION FOR A VARIATION. ANY VARIATIONS INVOLVED MUST BE TAKEN UP WITH ACOR CONSULTANTS / PRINCIPAL'S REPRESENTATIVE BEFORE THE WORK COMMENCES.
- 8. ANY DISCREPANCIES OR OMISSIONS SHALL BE REFERRED TO THE ENGINEER FOR A DECISION BEFORE PROCEEDING WITH THE WORK.
- 9. THE CONTRACTOR SHALL GIVE 48 HOURS NOTICE FOR ALL ENGINEERING INSPECTIONS. ALL INSPECTIONS AND CERTIFICATIONS TO BE INCLUDED IN CONTRACTORS COST
- 10. BUILDING FROM THESE DRAWINGS IS NOT TO COMMENCE UNTIL APPROVED BY THE PRINCIPAL CERTIFYING AUTHORITY.
- 11. THE WORD 'ENGINEER' USED IN THESE NOTES REFER TO AN EMPLOYEE OR NOMINATED REPRESENTATIVE OF ACOR CONSULTANTS PTY LTD.
- 12. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE RELEVANT CURRENT WORKPLACE HEALTH AND SAFETY LEGISLATION.

EXISTING SERVICES AND FEATURES

- 1. THE CONTRACTOR SHALL ALLOW FOR THE CAPPING OFF. EXCAVATION, REMOVAL AND DISPOSAL IF REQUIRED OF ALL EXISTING SERVICES IN AREAS AFFECTED BY WORKS WITHIN THE CONTRACT AREA, AS SHOWN ON THE DRAWINGS UNLESS DIRECTED OTHERWISE BY THE PRINCIPAL'S REPRESENTATIVE.
- 2. THE CONTRACTOR SHALL ENSURE THAT AT ALL TIMES SERVICES TO ALL BUILDINGS NOT AFFECTED BY THE WORKS ARE NOT DISRUPTED.
- PRIOR TO COMMENCEMENT OF ANY WORKS THE CONTRACTOR SHALL GAIN WRITTEN APPROVAL OF THEIR PROGRAMME FOR THE RELOCATION/CONSTRUCTION OF TEMPORARY SERVICES.
- 4. EXISTING BUILDINGS. EXTERNAL STRUCTURES. AND TREES SHOWN ON THESE DRAWINGS ARE FEATURES EXISTING PRIOR TO ANY DEMOLITION WORKS.
- 5. CONTRACTOR SHALL CONSTRUCT TEMPORARY SERVICES TO MAINTAIN EXISTING SUPPLY TO BUILDINGS REMAINING IN OPERATION DURING WORKS TO THE SATISFACTION AND APPROVAL OF THE PRINCIPAL'S REPRESENTATIVE. ONCE DIVERSION IS COMPLETE AND COMMISSIONED THE CONTRACTOR SHALL REMOVE ALL SUCH TEMPORARY SERVICES AND MAKE GOOD TO THE SATISFACTION OF THE PRINCIPAL'S REPRESENTATIVE.
- 6. INTERRUPTION TO SUPPLY OF EXISTING SERVICES SHALL BE DONE SO AS NOT TO CAUSE ANY INCONVENIENCE TO THE PRINCIPAL. CONTRACTOR TO GAIN APPROVAL OF PRINCIPAL'S REPRESENTATIVE FOR TIME OF INTERRUPTION.

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SITEWORKS NOTES

- 1. ORIGIN OF LEVELS :- AUSTRALIAN HEIGHT DATUM (A.H.D.)
- 2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK.
- 3. ALL WORK IS TO BE UNDERTAKEN IN ACCORDANCE WITH THE DETAILS SHOWN ON THE DRAWINGS, THE SPECIFICATIONS AND THE DIRECTIONS OF THE PRINCIPAL'S REPRESENTATIVE.
- 4. EXISTING SERVICES HAVE BEEN PLOTTED FROM SUPPLIED DATA AND AS SUCH THEIR ACCURACY CANNOT BE GUARANTEED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE LOCATION AND LEVEL OF ALL EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF ANY WORK. ANY DISCREPANCIES SHALL BE REPORTED TO THE PRINCIPAL'S REPRESENTATIVE. CLEARANCES SHALL BE OBTAINED FROM THE RELEVANT SERVICE AUTHORITY
- WHERE NEW WORKS ABUT EXISTING THE CONTRACTOR SHALL ENSURE THAT A SMOOTH EVEN PROFILE, FREE FROM ABRUPT CHANGES IS OBTAINED.
- 6. THE CONTRACTOR SHALL ARRANGE ALL SURVEY SETOUT TO BE CARRIED OUT BY A REGISTERED SURVEYOR.
- 7. CARE IS TO BE TAKEN WHEN EXCAVATING NEAR EXISTING SERVICES. NO MECHANICAL EXCAVATIONS ARE TO BE UNDERTAKEN OVER COMMUNICATIONS OR ELECTRICAL SERVICES, HAND EXCAVATE IN THESE AREAS.
- 8. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH AN APPROVED NON-NATURAL GRANULAR MATERIAL AND COMPACTED TO 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS. 1289.5.1.1.
- 9. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL
- 10. ON COMPLETION OF PIPE INSTALLATION ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL. INCLUDING KERBS. FOOTPATHS, CONCRETE AREAS, GRAVEL AND GRASSED AREAS AND ROAD PAVEMENTS.
- 11. PROVIDE 10mm WIDE EXPANDING CORK JOINTS BETWEEN CONCRETE PAVEMENTS AND ALL BUILDINGS, WALLS, FOOTINGS, COLUMNS, KERBS, DISH DRAINS, GRATED DRAINS, BOLLARD FOOTINGS ETC
- 12. CONTRACTOR TO OBTAIN ALL AUTHORITY APPROVALS.
- 13. MAKE SMOOTH TRANSITION TO EXISTING SERVICES AND MAKE GOOD.
- 14. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY DIVERSION DRAINS AND MOUNDS TO ENSURE THAT AT ALL TIMES EXPOSED SURFACES ARE FREE DRAINING AND WHERE NECESSARY EXCAVATE SUMPS AND PROVIDE PUMPING EQUIPMENT TO DRAIN EXPOSED AREAS.
- 15. THESE PLANS SHALL BE READ IN CONJUNCTION WITH APPROVED ARCHITECTURAL, STRUCTURAL, HYDRAULIC AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
- 16. TRENCHES THROUGH EXISTING ROAD AND CONCRETE PAVEMENTS SHALL BE SAWCUT TO FULL DEPTH OF CONCRETE AND A MIN 50mm IN BITUMINOUS PAVING.
- 17. ALL BRANCH GAS AND WATER SERVICES UNDER DRIVEWAYS AND BRICK PAVING SHALL BE LOCATED IN Ø80 uPVC SEWER GRADE CONDUITS EXTENDING A MIN OF 500mm PAST PAVING.
- 18. ON COMPLETION OF WORKS ALL DISTURBED AREAS MUST BE RESTORED TO ORIGINAL INCLUDING, BUT NOT LIMITED TO, KERBS, FOOTPATHS, CONCRETE AREAS, GRASS AND LANDSCAPED AREAS.

STORMWATER NOTES

- WHERE STORMWATER LINES PASS UNDER FLOOR SLABS SEWER GRADE RUBBER RING JOINTS ARE TO BE USED.
- WHERE SUBSOIL DRAINAGE LINES PASS UNDER FLOOR SLABS 2 AND VEHICULAR PAVEMENTS UNSLOTTED UPVC SEWER GRADE PIPE SHALL BE USED.



FIGGIS + JEFFERSON TEPA ARCHITECTS

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COMPACTION NOTES

- REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY STS GEOTECHNICS PTY. LTD. CONSULTING GEOTECHNICAL ENGINEREERS, REPORT NO. 21/0874, PROJECT NO. 31096/4949D-G. DATED APRIL 2021.
- 2 UNCONTROLLED FILLING IS TO BE REMOVED FROM THE FOOTPRINT OF THE BUILDING AND PAVEMENT AREAS. THE STRIPPED SURFACE SHALL BE INSPECTED BY A GEOTECHNICAL FNGINFFR.
- PROOF ROLL EXPOSED NATURAL SURFACE WITH A MINIMUM OF EIGHT PASSES OF A SMOOTH DRUM ROLLER (MINIMUM STATIC WEIGHT OF 10 TONNES) THE FINAL PASS SHALL BE IN THE PRESENCE OF A GEOTECHNICAL ENGINEER.
- 4. ALL SOFT, WET OR UNSUITABLE MATERIAL TO BE REMOVED AS DIRECTED BY THE GEOTECHNICAL ENGINEER AND REPLACED WITH APPROVED MATERIAL SATISFYING THE REQUIREMENTS LISTED BELOW.
- WASTE CLASSIFICATION OF SPOIL MATERIAL, INCLUDING PROVISION OF APPROPRIATE HAZARDOUS MATERIALS HANDLING (AS REQUIRED) IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO UNDERTAKING THE EXCAVATION WORKS.
- 6. ALL FILL MATERIAL SHALL BE FROM A SOURCE APPROVED BY THE GEOTECHNICAL ENGINEER AND SHALL COMPLY WITH THE FOLLOWING :
 - a. FREE FROM ORGANIC. PERISHABLE AND CONTAMINATED MATTER
 - b. MAXIMUM PARTICLE SIZE 75MM
 - c. PLASTICITY INDEX BETWEEN 2% AND 15%
- 8. ALL FILL MATERIAL SHALL BE PLACED IN MAXIMUM 200MM THICK LAYERS AND COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR - 2%) TO ACHIEVE A DRY DENSITY DETERMINED IN ACCORDANCE WITH AS 1289 5.3.1 OF NOT LESS THAN THE FOLLOWING STANDARD MINIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 E5.1.1 :

LOCATION STANDARD DRY DENSITY UNDER BUILDING SLABS AREAS OF SERVICE TRENCHES LANDSCAPED AREAS

THE UPPER 0.5m THICKNESS FOR THE FOLLOWING AREAS MUST BE COMPACTED AT OPTIMUM MOISTURE CONTENT (+ OR -2%) AS FOLLOWS

LOCATION UNDER BUILDING SLABS STANDARD DRY DENSITY 100%

98%

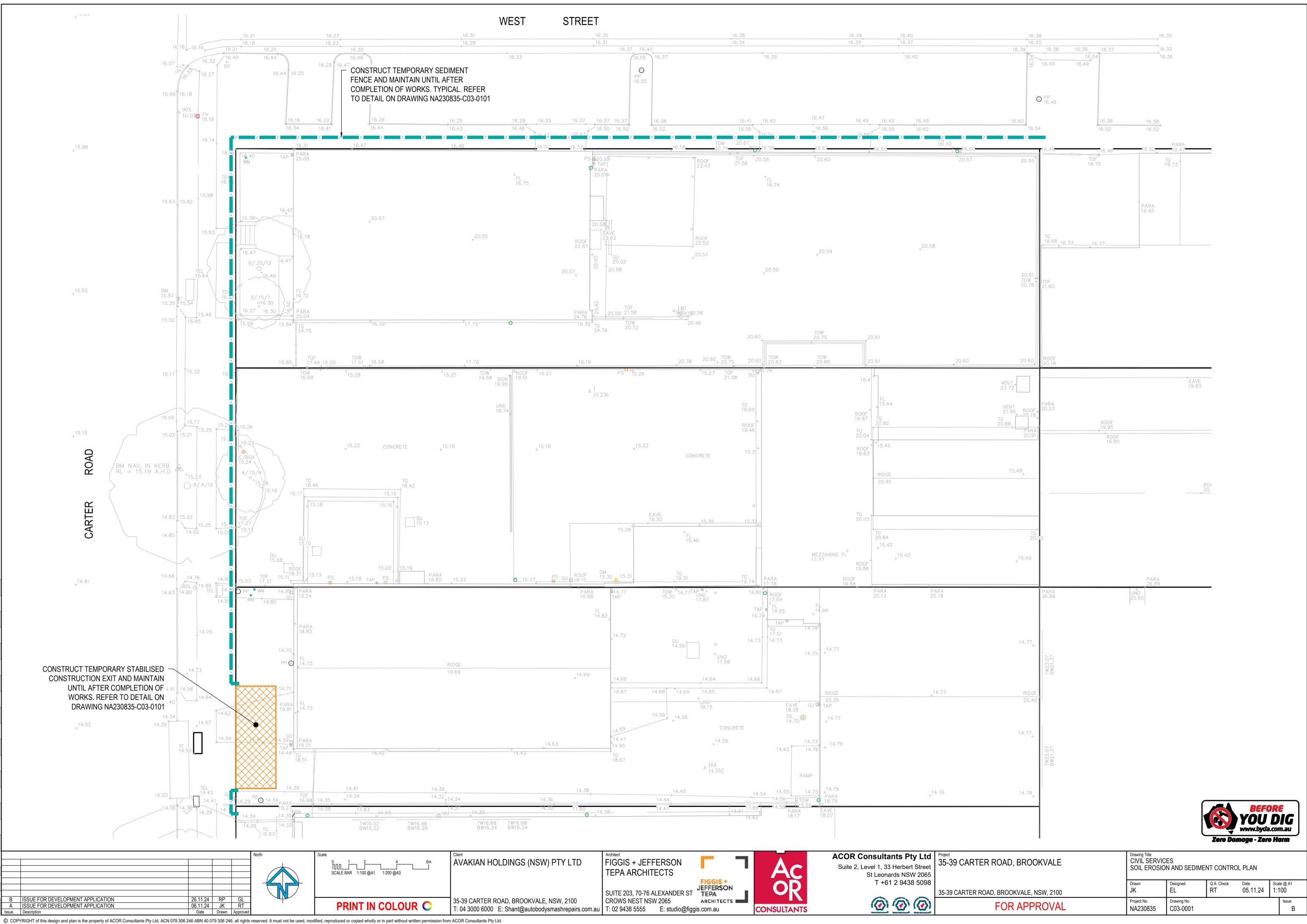
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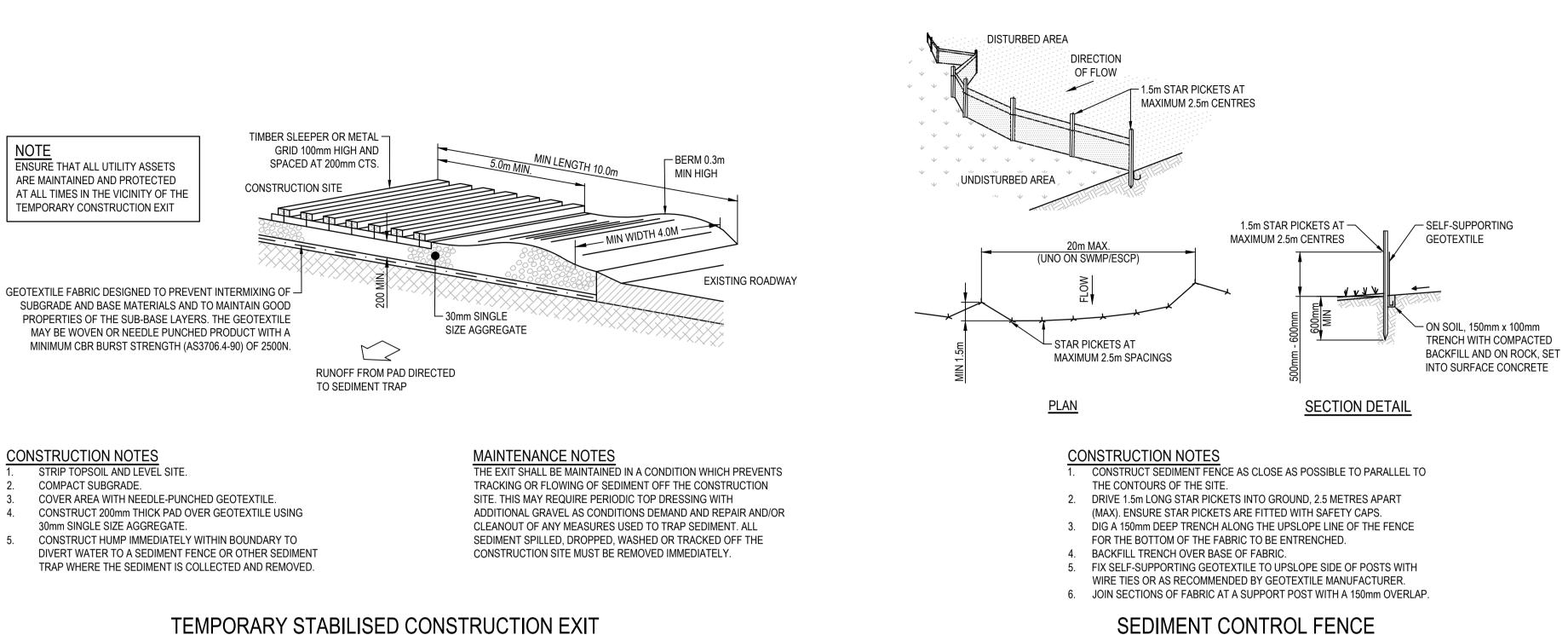
90%

- 9. THE CONTRACTOR SHALL PROGRAM THE EARTHWORKS OPERATION SO THAT THE WORKING AREAS ARE ADEQUATELY DRAINED DURING THE PERIOD OF CONSTRUCTION. THE SURFACE SHALL BE GRADED AND SEALED OFF TO REMOVE DEPRESSIONS, ROLLER MARKS AND SIMILAR WHICH WOULD ALLOW WATER TO POND AND PENETRATE THE UNDERLYING MATERIAL. ANY DAMAGE RESULTING FROM THE CONTRACTOR NOT OBSERVING THESE REQUIREMENTS SHALL BE RECTIFIED BY THE CONTRACTOR AT THEIR COST.
- 10. TESTING OF THE SUBGRADE SHALL BE CARRIED OUT BY AN APPROVED NATA REGISTERED LABORATORY AT THE CONTRACTORS EXPENSE. TESTING FREQUENCY SHALL BE IN ACCORDANCE WITH THE FREQUENCY SPECIFIED IN THE GEOTECHNICAL REPORT - FOR EARTHWORKS 1 TEST / 1000m² / LAYER OR THREE TESTS PER VISIT, WHICHEVER IS THE GREATER



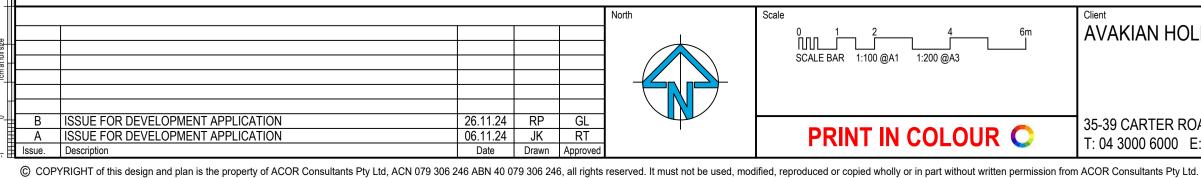
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TEMPORARY STABILISED CONSTRUCTION EXIT

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EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- E1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
- E2. THE PRINCIPAL'S REPRESENTATIVE WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND CONSTRUCTED FOLLOWING THE GUIDELINES OF "MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION", DEPT OF HOUSING, 2004 (BLUE BOOK).
- E3. ALL BUILDERS AND SUB-CONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.

CONSTRUCTION SEQUENCE

- E4. THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. HENCE WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE :
 - a. INSTALL SEDIMENT FENCES, TEMPORARY CONSTRUCTION EXIT AND SANDBAG KERB INLET SEDIMENT TRAP.
 - b. UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

- E5. DURING WINDY CONDITIONS, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
- E6. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

FENCING

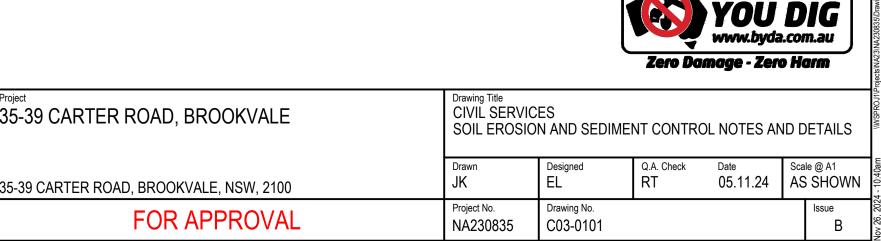
- E7. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
- E8. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
- E9. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE. I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
- E10. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

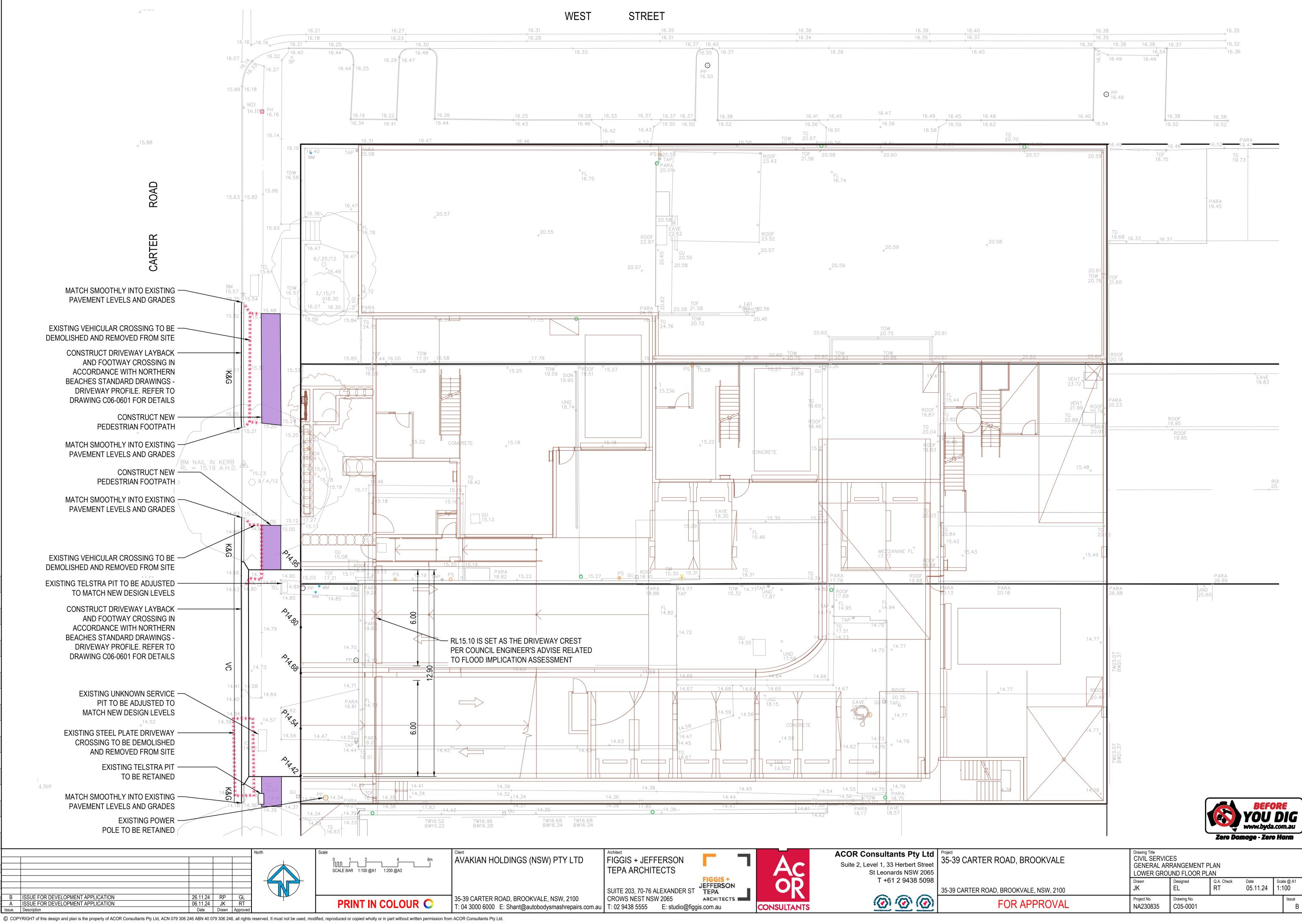
OTHER MATTERS

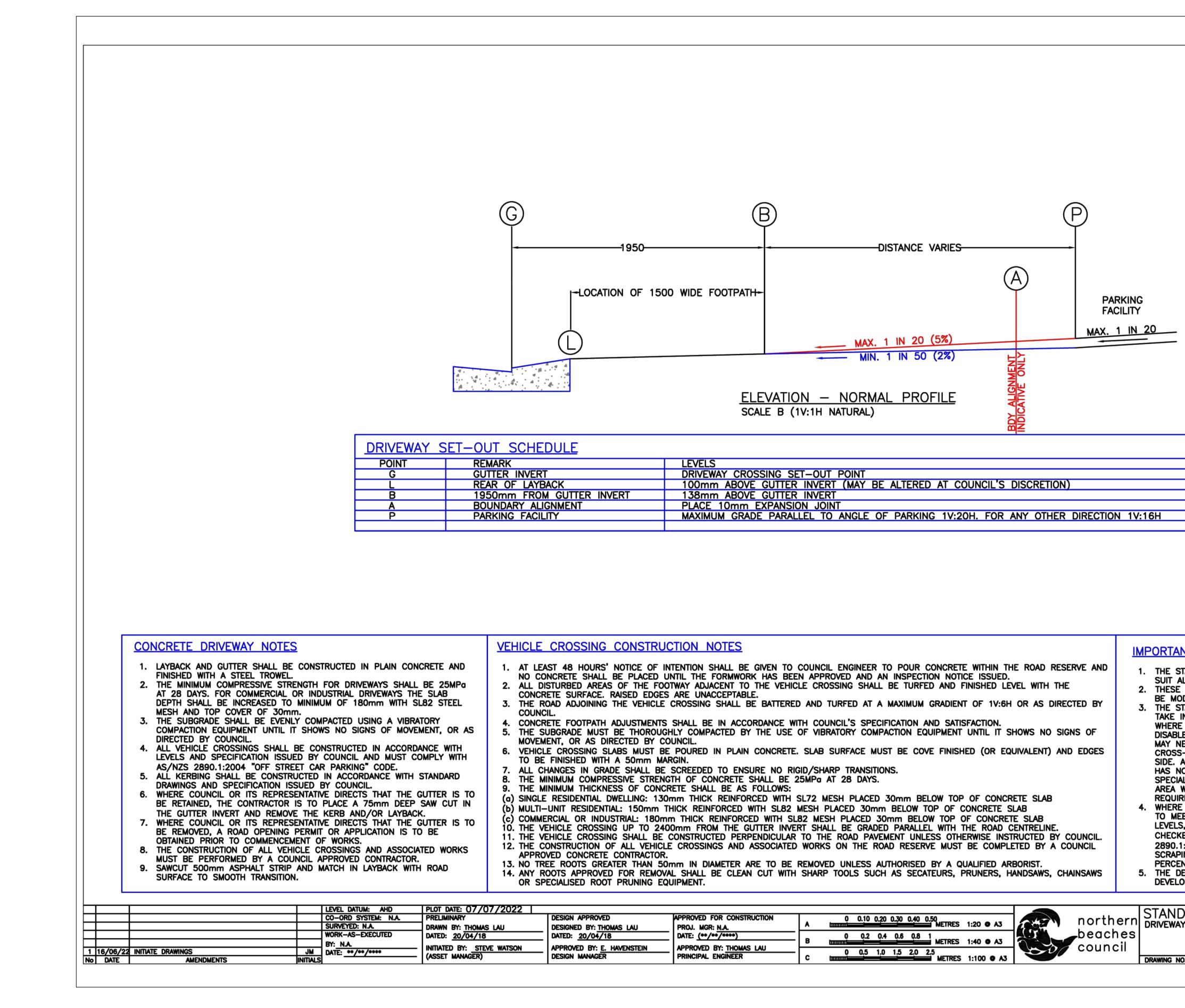
- E11. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- E12. RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE PRINCIPAL'S REPRESENTATIVE.

SITE INSPECTION & MAINTENANCE

E13. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AFTER RAINFALL EVENTS TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIR AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED.







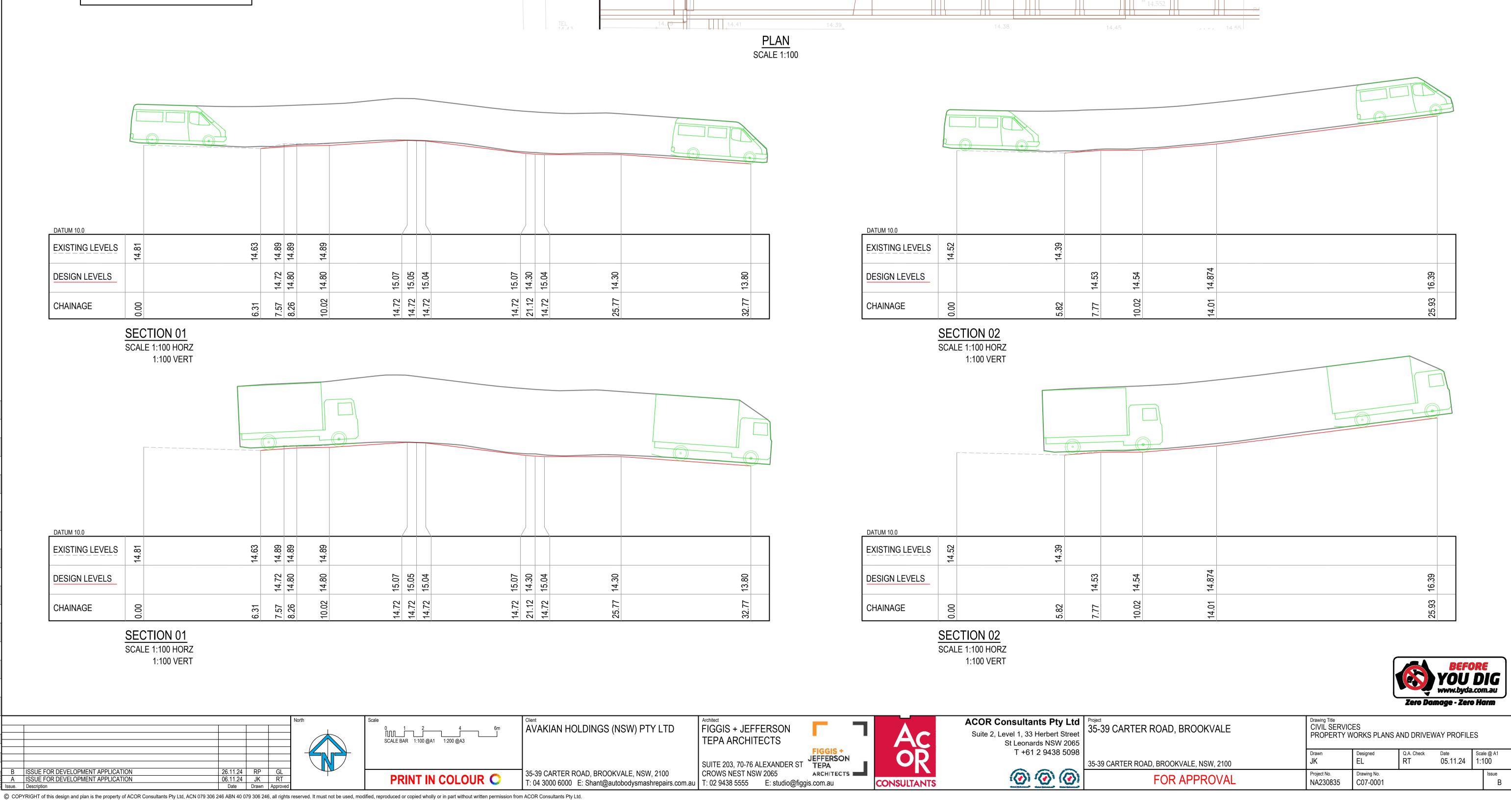
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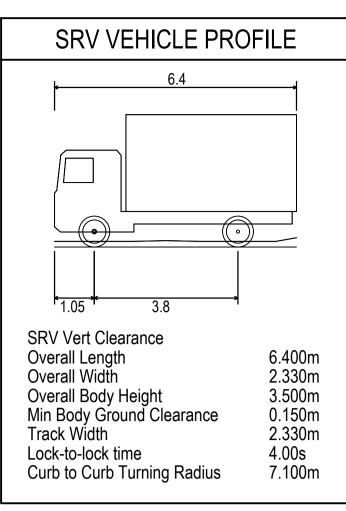
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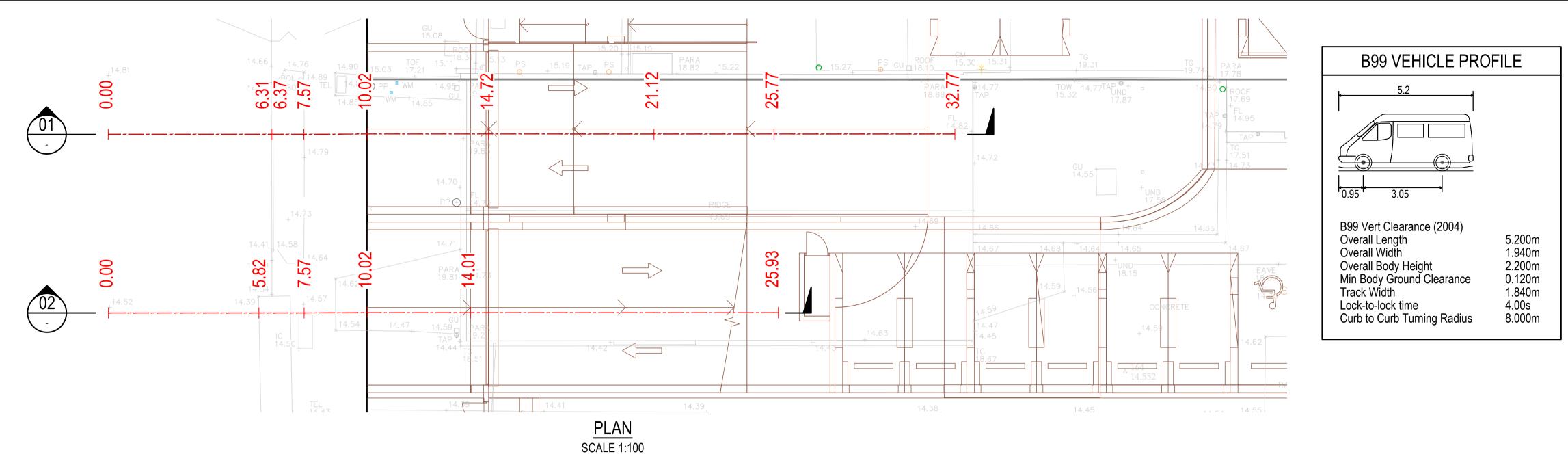
JULE	
	LEVELS
	DRIVEWAY CROSSING SET-OUT POINT
ACK	100mm ABOVE GUTTER INVERT (MAY BE ALTERED AT COUNCIL'S DISCRETION)
GUTTER INVERT	138mm ABOVE GUTTER INVERT
SNMENT	PLACE 10mm EXPANSION JOINT
TY	MAXIMUM GRADE PARALLEL TO ANGLE OF PARKING 1V:20H. FOR ANY OTHER DIRECTION 1V:16H

CROSSING CONSTRUC	TION NOTES		IMPORTANT
NCRETE SHALL BE PLACED UN STURBED AREAS OF THE FOOT ETE SURFACE. RAISED EDGES DAD ADJOINING THE VEHICLE (IL. ETE FOOTPATH ADJUSTMENTS JBGRADE MUST BE THOROUGH ENT, OR AS DIRECTED BY COU E CROSSING SLABS MUST BE FINISHED WITH A 50mm MAR IANGES IN GRADE SHALL BE S NIMUM COMPRESSIVE STRENG NIMUM THICKNESS OF CONCR RESIDENTIAL DWELLING: 130m UNIT RESIDENTIAL: 150mm TH RCIAL OR INDUSTRIAL: 180mm CHICLE CROSSING UP TO 2400 CHICLE CROSSING SHALL BE O DNSTRUCTION OF ALL VEHICLE VED CONCRETE CONTRACTOR. E ROOTS GREATER THAN 50m	NTIL THE FORMWORK HAS BEE TWAY ADJACENT TO THE VEHIC ARE UNACCEPTABLE. CROSSING SHALL BE BATTERED SHALL BE IN ACCORDANCE WI ILY COMPACTED BY THE USE UNCIL. POURED IN PLAIN CONCRETE. GIN. SCREEDED TO ENSURE NO RIG TH OF CONCRETE SHALL BE 2 ETE SHALL BE AS FOLLOWS: nm THICK REINFORCED WITH SL HICK REINFORCED WITH SL MICK REINFORCED WITH SL MICK REINFORCED WITH SL MICK REINFORCED WITH SL CONSTRUCTED PERPENDICULAR CROSSINGS AND ASSOCIATED NM IN DIAMETER ARE TO BE	25MPg AT 28 DAYS. SL72 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB L82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB ERT SHALL BE GRADED PARALLEL WITH THE ROAD CENTRELINE. TO THE ROAD PAVEMENT UNLESS OTHERWISE INSTRUCTED BY COUNCIL. WORKS ON THE ROAD RESERVE MUST BE COMPLETED BY A COUNCIL REMOVED UNLESS AUTHORISED BY A QUALIFIED ARBORIST.	 THE STANE SUIT ALL THESE STA BE MODIFIE THE STANE TAKE INTO WHERE THE DISABLED A MAY NEED CROSS-FA SIDE. ALSO HAS NOT E SPECIAL N AREA WHEE REQUIRED WHERE MO TO MEET E LEVELS, TH CHECKED A 2890.1:200 SCRAPING PERCENTILE
ECIALISED ROOT PRUNING EQU		I SHARP TOOLS SUCH AS SECATEURS, PRUNERS, HANDSAWS, CHAINSAWS	5. THE DESIG DEVELOP A
DESIGN APPROVED DESIGNED BY: THOMAS LAU DATED: 20/04/18 APPROVED BY: E. HAVENSTEIN	APPROVED FOR CONSTRUCTION PROJ. MGR: N.A. DATE: (**/**/****) APPROVED BY: THOMAS LAU	A 0 0.10 0.20 0.30 0.40 0.50 B 0 0.2 0.4 0.6 0.8 1 METRES 1:20 • A3 D 0.5 10 15 20 25 Netres 1:40 • A3	nes

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1950 DISTANCE VARIES		
-LOCATION OF 1500 WIDE FOOTPATH-		
FACILITY MAX. 1 IN 20		
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ELEVATION – NORMAL PROFILE		
LEVELS DRIVEWAY CROSSING SET-OUT POINT		
K 100mm ABOVE GUTTER INVERT (MAY BE ALTERED AT COUNCIL'S DISCRETION) GUTTER INVERT 138mm ABOVE GUTTER INVERT MENT PLACE 10mm EXPANSION JOINT		
MAXIMUM GRADE PARALLEL TO ANGLE OF PARKING 1V:20H. FOR ANY OTHER DIRECTION 1V:16H		
ROSSING CONSTRUCTION NOTES		
48 HOURS' NOTICE OF INTENTION SHALL BE GIVEN TO COUNCIL ENGINEER TO POUR CONCRETE WITHIN THE ROAD RESERVE AND RETE SHALL BE PLACED UNTIL THE FORMWORK HAS BEEN APPROVED AND AN INSPECTION NOTICE ISSUED. JRBED AREAS OF THE FOOTWAY ADJACENT TO THE VEHICLE CROSSING SHALL BE TURFED AND FINISHED LEVEL WITH THE CONSIDERATE DATASET AND FOR ANY ADJACENT TO THE VEHICLE CROSSING SHALL BE TURFED AND FINISHED LEVEL WITH THE 2. THESE STANDARD DRIVEWAY PROFILES MAY NEE		
E SURFACE. RAISED EDGES ARE UNACCEPTABLE. D ADJOINING THE VEHICLE CROSSING SHALL BE BATTERED AND TURFED AT A MAXIMUM GRADIENT OF 1V:6H OR AS DIRECTED BY 3. THE STANDARD DRIVEWAY PROFILES SHOWN MAY TAKE INTO CONSIDERATION CONNECTING FOOTPA	Y NOT	
E FOOTPATH ADJUSTMENTS SHALL BE IN ACCORDANCE WITH COUNCIL'S SPECIFICATION AND SATISFACTION. GRADE MUST BE THOROUGHLY COMPACTED BY THE USE OF VIBRATORY COMPACTION EQUIPMENT UNTIL IT SHOWS NO SIGNS OF T, OR AS DIRECTED BY COUNCIL. MAY NEED TO BE DESIGNED WITH A MAXIMUM 2	OR RIVEWAY 2.5%	
CROSSING SLABS MUST BE POURED IN PLAIN CONCRETE. SLAB SURFACE MUST BE COVE FINISHED (OR EQUIVALENT) AND EDGES NISHED WITH A 50mm MARGIN. NGES IN GRADE SHALL BE SCREEDED TO ENSURE NO RIGID/SHARP TRANSITIONS. NUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 25MPg AT 28 DAYS.	SHOWN NY	
MUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 25MPa AT 28 DAYS. MUM THICKNESS OF CONCRETE SHALL BE AS FOLLOWS: ESIDENTIAL DWELLING: 130mm THICK REINFORCED WITH SL72 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB IIT RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB	S S	
THE RESIDENTIAL: 150mm THICK REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE SLAB TO MEET EXISTING OR PROPOSED CROSS FALLS CLE CROSSING UP TO 2400mm FROM THE GUTTER INVERT SHALL BE GRADED PARALLEL WITH THE ROAD CENTRELINE. CLE CROSSING SHALL BE CONSTRUCTED PERPENDICULAR TO THE ROAD PAVEMENT UNLESS OTHERWISE INSTRUCTED BY COUNCIL.	SOR	
STRUCTION OF ALL VEHICLE CROSSINGS AND ASSOCIATED WORKS ON THE ROAD PAVEMENT UNLESS OTHERWISE INSTRUCTED BY COUNCIL. STRUCTION OF ALL VEHICLE CROSSINGS AND ASSOCIATED WORKS ON THE ROAD RESERVE MUST BE COMPLETED BY A COUNCIL D CONCRETE CONTRACTOR. ROOTS GREATER THAN 50mm IN DIAMETER ARE TO BE REMOVED UNLESS AUTHORISED BY A QUALIFIED ARBORIST. COUNCIL D CONCRETE CONTRACTOR. ROOTS GREATER THAN 50mm IN DIAMETER ARE TO BE REMOVED UNLESS AUTHORISED BY A QUALIFIED ARBORIST. COUNCIL D CONCRETE CONTRACTOR. ROOTS GREATER THAN 50mm IN DIAMETER ARE TO BE REMOVED UNLESS AUTHORISED BY A QUALIFIED ARBORIST. COUNCIL D CONCRETE CONTRACTOR. COUNCIL D CONCRETE CONTRACTOR. ROOTS GREATER THAN 50mm IN DIAMETER ARE TO BE REMOVED UNLESS AUTHORISED BY A QUALIFIED ARBORIST. COUNCIL D CONCRETE CONTRACTOR. COUNCIL D CONCRETE CONTRACTOR. COUNCIL D COUNCIL D CO		
TS APPROVED FOR REMOVAL SHALL BE CLEAN CUT WITH SHARP TOOLS SUCH AS SECATEURS, PRUNERS, HANDSAWS, CHAINSAWS ALISED ROOT PRUNING EQUIPMENT. 5. THE DESIGNER WILL NEED TO LIAISE WITH COUL DEVELOP A SUITABLE DESIGN SOLUTION.	NCIL TO	
ESIGN APPROVED APPROVED FOR CONSTRUCTION <u>0 0.10 0.20 0.30 0.40 0.50</u> ESIGNED BY: THOMAS LAU PROJ. MGR: N.A. <u>0 0.10 0.20 0.30 0.40 0.50</u> METRES 1:20 • A3 DRIVEWAY PROFILE - NORMAL (N)		
ATED: <u>20/04/18</u> DATE: <u>(**/**/***) DATE: (**/**/***) DATE: (**/**/***) DATE: (**/**/***) DATE: (**/**/****) DATE: (**/***/****) DATE: (**/**/*****) DATE: (**/**/*****) DATE: (**/**/*****) DATE: (**/******) DATE: (**/********) DATE: (**/**********************************</u>		bwp:1090-
ESIGN MANAGER C International Engineer C International Metres 1:100 @ A3 DRAWING NO. 1		nds:NA2.30835-C06
		BEFORE
		YOU DIG www.byda.com.au
OLDINGS (NSW) PTY LTD Architect FIGGIS + JEFFERSON C ACOR Consultants Pty Ltd Suite 2 Lovel 1, 33 Horbert Street 35-39 CARTER ROAD, BROOKVALE		Zero Damage - Zero Harm
TEPA ARCHITECTS FIGGIS • T +61 2 9438 5098	CIVIL SERVICES TYPICAL DETAILS	Q.A. Check Date Scale @ A1
ROAD, BROOKVALE, NSW, 2100 SUITE 203, 70-76 ALEXANDER ST JEFFERSON CROWS NEST NSW 2065 ARCHITECTS J ARCHITECTS	JK EL Project No. Drawing No.	RT 05.11.24 AS SHOWN
) E: Shant@autobodysmashrepairs.com.au T: 02 9438 5555 E: studio@figgis.com.au CONSULTANTS FOR APPROVAL	NA230835 C06-0601	L R S

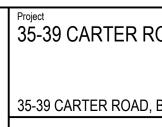




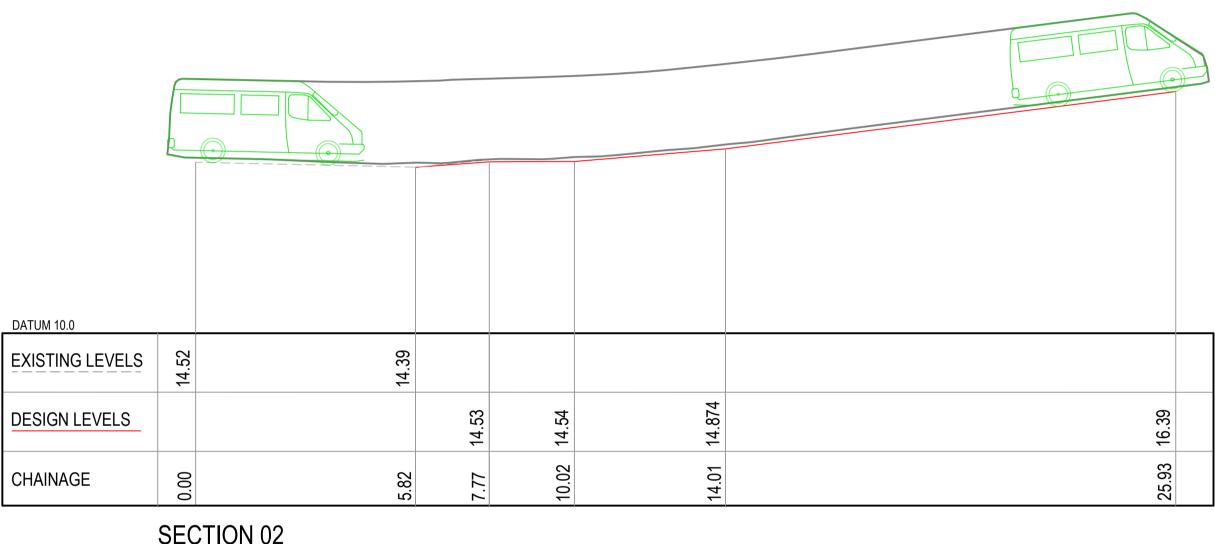


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E: Shant@autobodysmashrepairs.com.au	T: 02 9438 5555 E: studio@fi	ggis.com.au



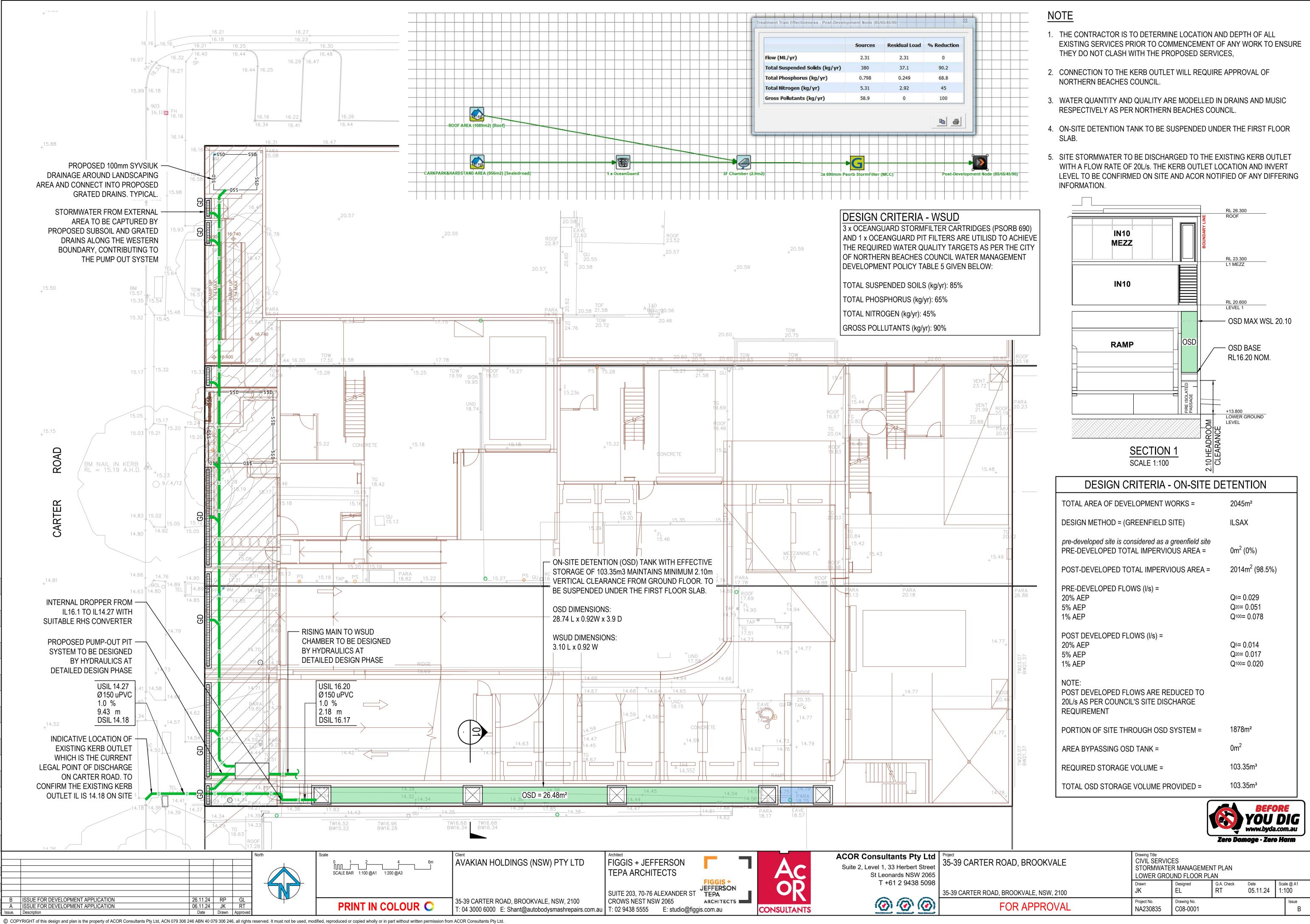


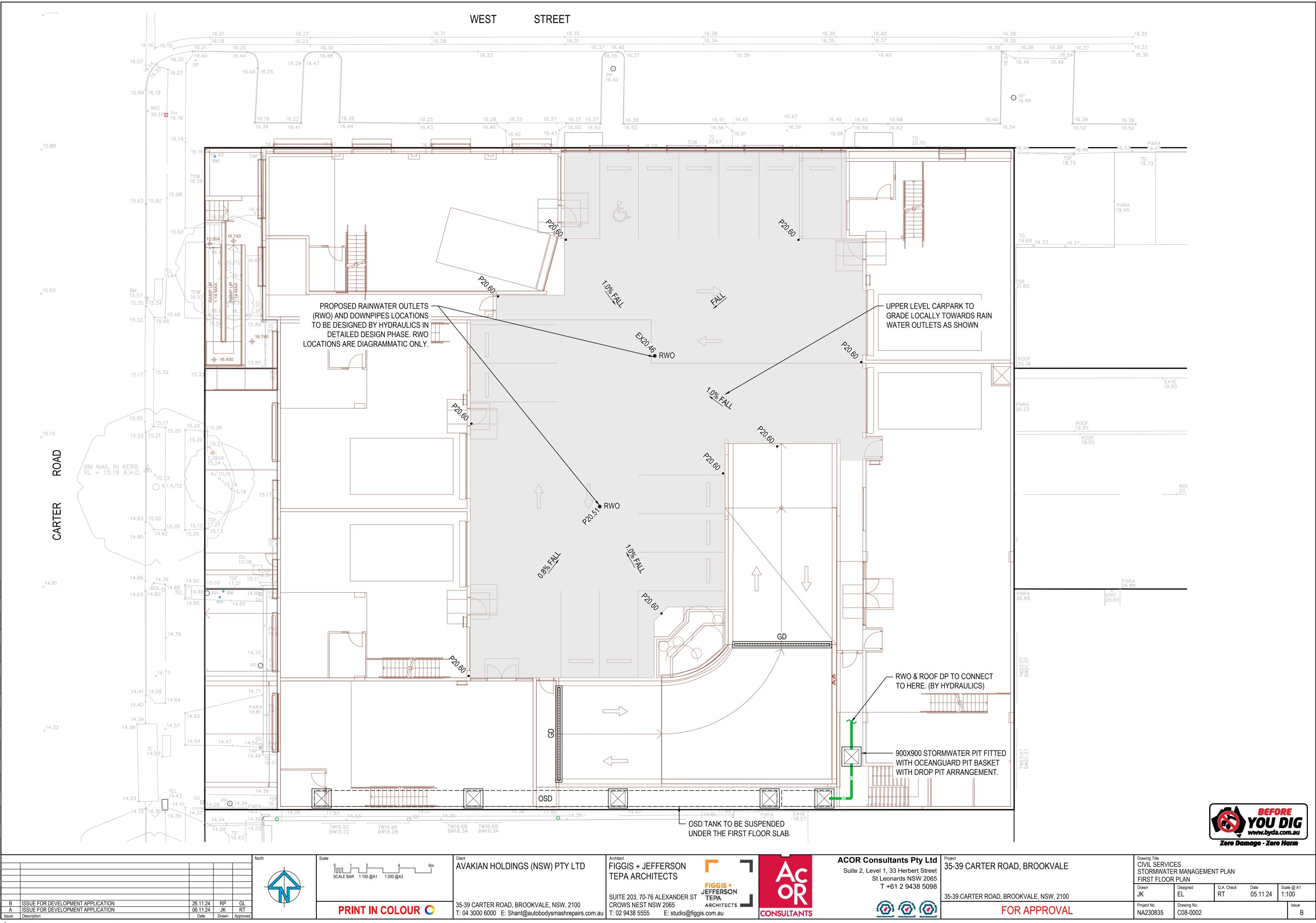




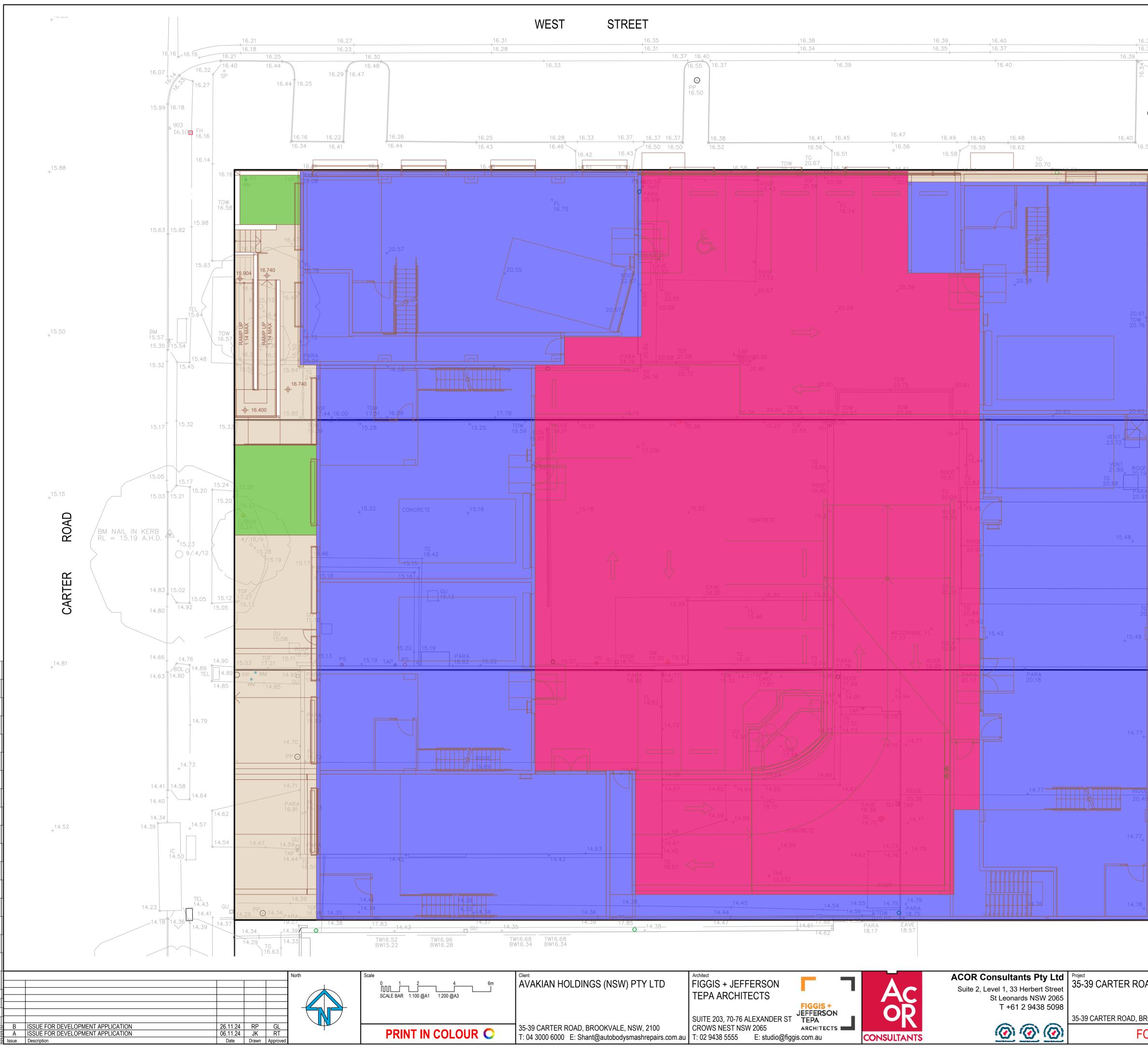
		2
14.30	13.80	
25.77 14.30	32.77 13.80	

OAD, BROOKVALE	
BROOKVALE, NSW, 2100	





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	САТС			/MARY	
6.38 6.35 16.38		LANDSCAPE			31m²
0 16.49		HARDSTAND			155m²
⊕ ^{PP} 16.49					
6.54		CARPARK AN	D HARDSTAN	ID AREAS	846m²
16.49		TOTAL ROOF	AREA		1035m²
11.4 19.68_16.33 TOF 21.60	PARA 19.45				
ROOF 20.18					
		EAV 19.8	3		
PARA 20.23 9+	ROOF 19.95				
2A 91	19.95 ROOF 19.95				
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PARA	26.8	A 9			
+ PARA 26.88 L0'£ZML 20'£ZML	UND 25.60				
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TW23.07 BW21.37					BEFORE OU DIC rw.byda.com.au
I DAD, BROOKV	ALE	Drawing Title CIVIL SERVIC STORMWATE	ES R MANAGEMEN	-	e - Zero Harm
ROOKVALE, NSW,	2100	Drawn JK	Designed EL	Q.A. Check Date RT 05	.11.24 1:100
OR APPRO	VAL	Project No. NA230835	Drawing No. C08-0401		lssue